

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/16/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	19.54	19.41	19.21	18.84	20.70	21.09	25.69	30.22	20.14	18.20	19.82	22.42	21.86	21.28	20.63	19.06	19.69	24.59	33.52	33.62	33.38	27.99	20.16	19.65
24138	0.97	0.88	0.86	0.82	0.78	0.86	1.46	1.78	0.99	0.97	1.11	1.27	1.27	1.32	1.33	1.31	1.26	1.57	1.99	1.98	1.85	1.46	0.90	0.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.32	-0.41	-0.31	0.00	0.00	0.00	0.00	0.00	-0.04	-0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	19.52	19.37	19.17	18.80	20.65	21.04	25.62	30.22	20.14	18.20	19.82	22.42	21.87	21.29	20.64	19.08	19.82	24.61	33.56	33.66	33.43	28.02	20.19	19.67
24260	0.94	0.84	0.82	0.78	0.74	0.80	1.39	1.70	0.99	0.97	1.12	1.26	1.28	1.32	1.34	1.31	1.27	1.59	2.03	2.02	1.90	1.49	0.93	0.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	-0.41	-0.31	0.00	0.00	0.00	0.00	0.00	-0.05	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	19.52	19.37	19.17	18.80	20.65	21.04	25.62	30.22	20.14	18.20	19.82	22.42	21.87	21.29	20.64	19.08	19.82	24.61	33.56	33.66	33.43	28.02	20.19	19.67
24261	0.94	0.84	0.82	0.78	0.74	0.80	1.39	1.70	0.99	0.97	1.12	1.26	1.28	1.32	1.34	1.31	1.27	1.59	2.03	2.02	1.90	1.49	0.93	0.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	-0.41	-0.31	0.00	0.00	0.00	0.00	0.00	-0.05	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	18.99	18.94	18.73	18.41	20.38	20.86	25.41	29.37	18.64	16.76	18.97	21.44	20.94	20.29	19.62	18.00	18.47	23.73	32.77	33.09	32.82	27.54	19.83	19.18
24011	0.42	0.41	0.38	0.39	0.47	0.62	1.17	1.31	0.43	0.23	0.27	0.27	0.35	0.32	0.32	0.29	0.44	0.71	1.24	1.45	1.29	1.01	0.58	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.53	0.40	0.00	0.00	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	19.02	18.98	18.76	18.44	20.45	20.98	25.59	29.59	18.69	16.78	19.06	21.51	21.03	20.35	19.70	18.05	18.57	23.89	32.99	33.34	33.03	27.68	19.92	19.24
23798	0.45	0.45	0.41	0.43	0.54	0.74	1.36	1.53	0.47	0.25	0.35	0.35	0.44	0.37	0.40	0.33	0.54	0.87	1.46	1.70	1.50	1.15	0.66	0.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.52	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	18.99	18.94	18.73	18.41	20.38	20.86	25.41	29.37	18.64	16.76</														

ALBANY___2 23572	18.58 0.01 0.00	18.51 -0.02 0.00	18.33 -0.02 0.00	18.03 0.01 0.00	19.82 -0.09 0.00	20.18 -0.06 0.00	24.44 0.21 0.00	28.24 0.16 0.04	18.41 0.00 0.34	16.66 -0.02 0.25	18.58 -0.12 0.00	21.03 -0.14 0.00	20.48 -0.12 0.00	19.93 -0.04 0.00	19.31 0.01 0.00	17.74 0.03 0.00	18.06 0.02 0.00	23.10 0.08 0.00	31.70 0.17 0.00	31.86 0.21 0.00	31.68 0.15 0.00	26.63 0.10 0.00	19.23 -0.02 0.00	18.68 -0.05 0.00
ALBANY___3 23573	18.58 0.01 0.00	18.51 -0.02 0.00	18.33 -0.02 0.00	18.03 0.01 0.00	19.82 -0.09 0.00	20.18 -0.06 0.00	24.44 0.21 0.00	28.24 0.16 0.04	18.41 0.00 0.34	16.66 -0.02 0.25	18.58 -0.12 0.00	21.03 -0.14 0.00	20.48 -0.12 0.00	19.93 -0.04 0.00	19.31 0.01 0.00	17.74 0.03 0.00	18.06 0.02 0.00	23.10 0.08 0.00	31.70 0.17 0.00	31.86 0.21 0.00	31.68 0.15 0.00	26.63 0.10 0.00	19.23 -0.02 0.00	18.68 -0.05 0.00
ALBANY___4 23574	18.58 0.01 0.00	18.51 -0.02 0.00	18.33 -0.02 0.00	18.03 0.01 0.00	19.82 -0.09 0.00	20.18 -0.06 0.00	24.44 0.21 0.00	28.24 0.16 0.04	18.41 0.00 0.34	16.66 -0.02 0.25	18.58 -0.12 0.00	21.03 -0.14 0.00	20.48 -0.12 0.00	19.93 -0.04 0.00	19.31 0.01 0.00	17.74 0.03 0.00	18.06 0.02 0.00	23.10 0.08 0.00	31.70 0.17 0.00	31.86 0.21 0.00	31.68 0.15 0.00	26.63 0.10 0.00	19.23 -0.02 0.00	18.68 -0.05 0.00
ALBANY___LFGE 323615	18.78 0.21 0.00	18.71 0.18 0.00	18.52 0.17 0.00	18.20 0.19 0.00	20.03 0.13 0.00	20.41 0.17 0.00	24.72 0.49 0.00	28.57 0.50 0.05	18.57 0.21 0.38	16.80 0.16 0.29	18.80 0.09 0.00	21.28 0.11 0.00	20.73 0.13 0.00	20.17 0.20 0.00	19.53 0.23 0.00	17.94 0.23 0.00	18.27 0.23 0.00	23.37 0.35 0.00	32.09 0.56 0.00	32.24 0.60 0.00	32.06 0.53 0.00	26.95 0.42 0.00	19.45 0.19 0.00	18.89 0.15 0.00
ALCOA_PA_115KV_PL-6C 55860	18.70 0.12 0.00	18.71 0.18 0.00	18.53 0.18 0.00	18.22 0.21 0.00	20.20 0.29 0.00	20.56 0.32 0.00	24.33 0.09 0.00	28.23 0.11 0.00	18.96 0.22 0.00	17.07 0.14 0.00	18.86 0.15 0.00	21.24 0.07 0.00	20.60 0.00 0.00	19.89 -0.08 0.00	19.16 -0.13 0.00	17.63 -0.08 0.00	18.05 0.01 0.00	23.18 0.16 0.00	31.74 0.21 0.00	31.84 0.19 0.00	31.83 0.30 0.00	26.84 0.30 0.00	19.52 0.26 0.00	18.95 0.22 0.00
ALCOA_RYNLDS___DRP 24188	18.70 0.12 0.00	18.71 0.18 0.00	18.53 0.18 0.00	18.22 0.21 0.00	20.20 0.29 0.00	20.56 0.32 0.00	24.33 0.09 0.00	28.23 0.11 0.00	18.96 0.22 0.00	17.07 0.14 0.00	18.86 0.15 0.00	21.24 0.07 0.00	20.60 0.00 0.00	19.89 -0.08 0.00	19.16 -0.13 0.00	17.63 -0.08 0.00	18.05 0.01 0.00	23.18 0.16 0.00	31.74 0.21 0.00	31.84 0.19 0.00	31.83 0.30 0.00	26.84 0.30 0.00	19.52 0.26 0.00	18.95 0.22 0.00
ALCOA___DSASP 323711	18.70 0.12 0.00	18.71 0.18 0.00	18.53 0.18 0.00	18.22 0.21 0.00	20.20 0.29 0.00	20.56 0.32 0.00	24.33 0.09 0.00	28.23 0.11 0.00	18.96 0.22 0.00	17.07 0.14 0.00	18.86 0.15 0.00	21.24 0.07 0.00	20.60 0.00 0.00	19.89 -0.08 0.00	19.17 -0.13 0.00	17.63 -0.08 0.00	18.05 0.01 0.00	23.18 0.16 0.00	31.74 0.21 0.00	31.84 0.20 0.00	31.83 0.30 0.00	26.84 0.30 0.00	19.52 0.26 0.00	18.95 0.22 0.00
ALLEGHENY___COGEN 23514	18.89 0.31 0.00	18.88 0.35 0.00	18.76 0.41 0.00	18.44 0.43 0.00	20.51 0.60 0.00	20.80 0.56 0.00	24.81 0.58 0.00	28.94 0.82 0.00	18.79 0.05 0.00	17.01 0.09 0.00	19.11 0.40 0.00	21.82 0.66 0.00	21.07 0.47 0.00	20.31 0.34 0.00	19.58 0.28 0.00	17.79 0.07 0.00	18.00 -0.04 0.00	22.54 -0.48 0.00	30.61 -0.92 0.00	31.40 -0.23 0.00	31.64 0.11 0.00	26.54 0.01 0.00	19.39 0.13 0.00	18.93 0.20 0.00
ALTAMONT_115KV_TB 2 55880	18.84 0.27 0.00	18.79 0.26 0.00	18.60 0.25 0.00	18.26 0.24 0.00	20.12 0.21 0.00	20.46 0.23 0.00	24.75 0.51 0.00	28.67 0.55 0.00	18.98 0.24 0.00	17.12 0.19 0.00	18.88 0.17 0.00	21.36 0.19 0.00	20.81 0.21 0.00	20.25 0.28 0.00	19.60 0.30 0.00	18.00 0.28 0.00	18.31 0.28 0.00	23.40 0.38 0.00	32.11 0.58 0.00	32.27 0.63 0.00	32.11 0.58 0.00	27.00 0.47 0.00	19.51 0.25 0.00	18.96 0.23 0.00
ALTONA_WT_PWR 323606	18.40 -0.17 0.00	18.67 0.14 0.00	18.65 0.30 0.00	18.44 0.42 0.00	20.56 0.65 0.00	21.16 0.93 0.00	25.13 0.89 0.00	29.17 1.05 0.00	19.32 0.58 0.00	17.20 0.28 0.00	18.76 0.06 0.00	20.95 -0.21 0.00	20.33 -0.27 0.00	19.44 -0.53 0.00	18.75 -0.55 0.00	17.22 -0.49 0.00	17.65 -0.38 0.00	22.92 -0.10 0.00	32.18 0.65 0.00	33.23 1.59 0.00	33.36 1.83 0.00	27.90 1.36 0.00	19.93 0.68 0.00	19.33 0.59 0.00
AMERICAN_REF_FUEL 24010	17.55 -1.02 0.00	17.60 -0.93 0.00	17.50 -0.85 0.00	17.19 -0.83 0.00	19.08 -0.83 0.00	19.18 -1.06 0.00	22.50 -1.73 0.00	26.32 -1.81 0.00	17.71 -1.04 0.00	16.15 -0.78 0.00	17.96 -0.75 0.00	20.77 -0.39 0.00	20.44 -0.15 0.00	19.69 -0.28 0.00	18.91 -0.39 0.00	17.11 -0.61 0.00	17.19 -0.85 0.00	21.02 -2.00 0.00	28.15 -3.38 0.00	28.40 -3.24 0.00	28.19 -3.34 0.00	23.79 -2.74 0.00	17.64 -1.61 0.00	17.41 -1.33 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.61 0.04 0.00	18.58 0.05 0.00	18.47 0.12 0.00	18.11 0.09 0.00	20.11 0.20 0.00	20.25 0.02 0.00	24.01 -0.22 0.00	28.07 -0.06 0.00	18.73 -0.02 0.00	17.14 0.22 0.00	19.09 0.39 0.00	21.99 0.83 0.00	21.53 0.94 0.00	20.72 0.75 0.00	19.94 0.64 0.00	18.02 0.30 0.00	18.17 0.13 0.00	22.49 -0.53 0.00	30.28 -1.26 0.00	30.51 -1.13 0.00	30.00 -1.53 0.00	25.02 -1.51 0.00	18.36 -0.90 0.00	18.01 -0.72 0.00
ARTHUR KILL_GT_1 23520	19.53 0.96 0.00	19.45 0.92 0.00	19.31 0.96 0.00	18.94 0.93 0.00	20.80 0.90 0.00	21.18 0.94 0.00	25.73 1.50 0.00	30.26 1.73 -0.40	20.09 0.94 -0.41	18.15 0.91 -0.31	19.77 1.07 0.00	22.37 1.21 0.00	21.85 1.26 0.00	21.27 1.30 0.00	20.64 1.35 0.00	19.06 1.30 -0.05	19.78 1.22 -0.52	24.60 1.58 0.00	33.52 1.99 0.00	33.62 1.98 0.00	33.33 1.81 0.00	28.09 1.56 0.00	20.20 0.95 0.00	19.65 0.92 0.00
ARTHUR_KILL_2 23512	19.49 0.91 0.00	19.41 0.88 0.00	19.26 0.92 0.00	18.90 0.88 0.00	20.75 0.85 0.00	21.13 0.90 0.00	25.67 1.43 0.00	30.19 1.67 -0.40	20.05 0.89 -0.41	18.10 0.87 -0.31	19.72 1.02 0.00	22.33 1.17 0.00	21.81 1.21 0.00	21.23 1.26 0.00	20.60 1.30 0.00	19.02 1.26 -0.05	19.73 1.18 -0.52	24.54 1.52 0.00	33.43 1.90 0.00	33.52 1.88 0.00	33.24 1.71 0.00	28.01 1.48 0.00	20.15 0.89 0.00	19.60 0.87 0.00
ARTHUR_KILL_3 23513	19.34 0.77 0.00	19.20 0.66 0.00	19.00 0.65 0.00	18.64 0.62 0.00	20.47 0.56 0.00	20.85 0.62 0.00	25.38 1.15 0.00	29.88 1.40 -0.36	19.94 0.78 -0.41	18.01 0.77 -0.31	19.59 0.89 0.00	22.16 1.00 0.00	21.62 1.03 0.00	21.06 1.08 0.00	20.41 1.11 0.00	18.88 1.12 -0.04	19.57 1.07 -0.46	24.36 1.34 0.00	33.21 1.68 0.00	33.34 1.70 0.00	33.10 1.57 0.00	27.75 1.22 0.00	19.99 0.74 0.00	19.50 0.77 0.00

ARTHUR_KILL_COGEN 323718	19.53 0.96 0.00	19.45 0.92 0.00	19.31 0.96 0.00	18.94 0.93 0.00	20.80 0.90 0.00	21.18 0.94 0.00	25.73 1.50 0.00	30.26 1.73 -0.40	20.09 0.94 -0.41	18.15 0.91 -0.31	19.77 1.07 0.00	22.37 1.21 0.00	21.85 1.26 0.00	21.27 1.30 0.00	20.64 1.35 0.00	19.06 1.30 -0.05	19.78 1.22 -0.52	24.60 1.58 0.00	33.52 1.99 0.00	33.62 1.98 0.00	33.33 1.81 0.00	28.09 1.56 0.00	20.20 0.95 0.00	19.65 0.92 0.00
ASHOKAN____ 23654	19.45 0.87 0.00	19.37 0.84 0.00	19.17 0.83 0.00	18.84 0.82 0.00	20.76 0.85 0.00	21.20 0.96 0.00	25.76 1.53 0.00	29.85 1.72 0.00	19.60 0.86 0.00	17.50 0.58 0.00	19.21 0.51 0.00	21.62 0.46 0.00	21.03 0.44 0.00	20.47 0.49 0.00	19.81 0.51 0.00	18.22 0.50 0.00	18.59 0.56 0.00	23.91 0.89 0.00	33.13 1.60 0.00	33.55 1.91 0.00	33.41 1.88 0.00	28.04 1.51 0.00	20.21 0.96 0.00	19.57 0.83 0.00
ASTORIA_EAST_ENERGY_CC1 323581	19.46 0.89 0.00	19.28 0.75 0.00	19.07 0.72 0.00	18.70 0.69 0.00	20.54 0.63 0.00	20.94 0.70 0.00	25.49 1.26 0.00	30.02 1.50 -0.40	20.05 0.90 -0.41	18.14 0.90 -0.31	19.71 1.01 0.00	22.30 1.14 0.00	21.76 1.17 0.00	21.16 1.19 0.00	20.49 1.20 0.00	18.92 1.16 -0.04	19.68 1.12 -0.52	24.49 1.47 0.00	33.37 1.84 0.00	33.42 1.78 0.00	33.27 1.74 0.00	27.92 1.39 0.00	20.11 0.86 0.00	19.60 0.86 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.47 0.89 0.00	19.29 0.76 0.00	19.08 0.73 0.00	18.71 0.70 0.00	20.55 0.64 0.00	20.94 0.71 0.00	25.50 1.27 0.00	30.03 1.51 -0.40	20.06 0.90 -0.41	18.15 0.91 -0.31	19.71 1.01 0.00	22.32 1.15 0.00	21.78 1.18 0.00	21.16 1.20 0.00	20.49 1.20 0.00	18.92 1.16 -0.04	19.67 1.12 -0.52	24.49 1.47 0.00	33.37 1.84 0.00	33.42 1.78 0.00	33.27 1.74 0.00	27.92 1.39 0.00	20.11 0.86 0.00	19.60 0.86 0.00
ASTORIA_GT2_1 24094	19.47 0.89 0.00	19.29 0.76 0.00	19.08 0.73 0.00	18.71 0.69 0.00	20.55 0.64 0.00	20.94 0.70 0.00	25.51 1.27 0.00	30.04 1.51 -0.40	20.06 0.91 -0.41	18.15 0.91 -0.31	19.71 1.01 0.00	22.32 1.15 0.00	21.77 1.18 0.00	21.16 1.20 0.00	20.50 1.21 0.00	18.93 1.17 -0.04	19.70 1.14 -0.52	24.50 1.48 0.00	33.39 1.86 0.00	33.44 1.80 0.00	33.29 1.76 0.00	27.93 1.40 0.00	20.11 0.85 0.00	19.60 0.87 0.00
ASTORIA_GT2_2 24095	19.47 0.89 0.00	19.29 0.76 0.00	19.08 0.73 0.00	18.71 0.69 0.00	20.55 0.64 0.00	20.94 0.70 0.00	25.51 1.27 0.00	30.04 1.51 -0.40	20.06 0.91 -0.41	18.15 0.91 -0.31	19.71 1.01 0.00	22.32 1.15 0.00	21.77 1.18 0.00	21.16 1.20 0.00	20.50 1.21 0.00	18.93 1.17 -0.04	19.70 1.14 -0.52	24.50 1.48 0.00	33.39 1.86 0.00	33.44 1.80 0.00	33.29 1.76 0.00	27.93 1.40 0.00	20.11 0.85 0.00	19.60 0.87 0.00
ASTORIA_GT2_3 24096	19.47 0.89 0.00	19.29 0.76 0.00	19.08 0.73 0.00	18.71 0.69 0.00	20.55 0.64 0.00	20.94 0.70 0.00	25.51 1.27 0.00	30.04 1.51 -0.40	20.06 0.91 -0.41	18.15 0.91 -0.31	19.71 1.01 0.00	22.32 1.15 0.00	21.77 1.18 0.00	21.16 1.20 0.00	20.50 1.21 0.00	18.93 1.17 -0.04	19.70 1.14 -0.52	24.50 1.48 0.00	33.39 1.86 0.00	33.44 1.80 0.00	33.29 1.76 0.00	27.93 1.40 0.00	20.11 0.85 0.00	19.60 0.87 0.00
ASTORIA_GT2_4 24097	19.47 0.89 0.00	19.29 0.76 0.00	19.08 0.73 0.00	18.71 0.69 0.00	20.55 0.64 0.00	20.94 0.70 0.00	25.51 1.27 0.00	30.04 1.51 -0.40	20.06 0.															

ASTORIA_GT4_4 24105	19.47 0.89 0.00	19.29 0.76 0.00	19.08 0.73 0.00	18.71 0.69 0.00	20.55 0.64 0.00	20.94 0.70 0.00	25.51 1.27 0.00	30.04 1.51 -0.40	20.06 0.91 -0.41	18.15 0.91 -0.31	19.71 1.01 0.00	22.32 1.15 0.00	21.77 1.18 0.00	21.16 1.20 0.00	20.50 1.21 0.00	18.93 1.17 -0.04	19.70 1.14 -0.52	24.50 1.48 0.00	33.39 1.86 0.00	33.44 1.80 0.00	33.29 1.76 0.00	27.93 1.40 0.00	20.11 0.85 0.00	19.60 0.87 0.00
ASTORIA_GT_1 23523	19.50 0.92 0.00	19.32 0.78 0.00	19.10 0.75 0.00	18.74 0.72 0.00	20.57 0.66 0.00	20.98 0.74 0.00	25.55 1.31 0.00	30.08 1.56 -0.40	20.09 0.94 -0.41	18.18 0.94 -0.31	19.75 1.04 0.00	22.36 1.20 0.00	21.82 1.23 0.00	21.21 1.24 0.00	20.54 1.25 0.00	18.96 1.20 -0.04	19.72 1.17 -0.52	24.55 1.53 0.00	33.44 1.91 0.00	33.50 1.86 0.00	33.35 1.82 0.00	27.98 1.45 0.00	20.15 0.89 0.00	19.63 0.90 0.00
ASTORIA_GT_10 24110	19.41 0.83 0.00	19.26 0.73 0.00	19.07 0.73 0.00	18.70 0.69 0.00	20.54 0.63 0.00	20.94 0.70 0.00	25.49 1.26 0.00	30.06 1.54 -0.40	20.04 0.89 -0.41	18.12 0.89 -0.31	19.74 1.03 0.00	22.32 1.15 0.00	21.75 1.15 0.00	21.17 1.21 0.00	20.52 1.23 0.00	18.97 1.20 -0.05	19.71 1.16 -0.52	24.49 1.48 0.00	33.38 1.86 0.00	33.47 1.83 0.00	33.25 1.73 0.00	27.90 1.37 0.00	20.09 0.83 0.00	19.59 0.85 0.00
ASTORIA_GT_11 24225	19.41 0.83 0.00	19.26 0.73 0.00	19.07 0.73 0.00	18.70 0.69 0.00	20.54 0.63 0.00	20.94 0.70 0.00	25.49 1.26 0.00	30.06 1.54 -0.40	20.04 0.89 -0.41	18.12 0.89 -0.31	19.74 1.03 0.00	22.32 1.15 0.00	21.75 1.15 0.00	21.17 1.21 0.00	20.52 1.23 0.00	18.97 1.20 -0.05	19.71 1.16 -0.52	24.49 1.48 0.00	33.38 1.86 0.00	33.47 1.83 0.00	33.25 1.73 0.00	27.90 1.37 0.00	20.09 0.83 0.00	19.59 0.85 0.00
ASTORIA_GT_12 24226	19.41 0.83 0.00	19.26 0.73 0.00	19.07 0.73 0.00	18.70 0.69 0.00	20.54 0.63 0.00	20.94 0.70 0.00	25.49 1.26 0.00	30.06 1.54 -0.40	20.04 0.89 -0.41	18.12 0.89 -0.31	19.74 1.03 0.00	22.32 1.15 0.00	21.75 1.15 0.00	21.17 1.21 0.00	20.52 1.23 0.00	18.97 1.20 -0.05	19.71 1.16 -0.52	24.49 1.48 0.00	33.38 1.86 0.00	33.47 1.83 0.00	33.25 1.73 0.00	27.90 1.37 0.00	20.09 0.83 0.00	19.59 0.85 0.00
ASTORIA_GT_13 24227	19.41 0.83 0.00	19.26 0.73 0.00	19.07 0.73 0.00	18.70 0.69 0.00	20.54 0.63 0.00	20.94 0.70 0.00	25.49 1.26 0.00	30.06 1.54 -0.40	20.04 0.89 -0.41	18.12 0.89 -0.31	19.74 1.03 0.00	22.32 1.15 0.00	21.75 1.15 0.00	21.17 1.21 0.00	20.52 1.23 0.00	18.97 1.20 -0.05	19.71 1.16 -0.52	24.49 1.48 0.00	33.38 1.86 0.00	33.47 1.83 0.00	33.25 1.73 0.00	27.90 1.37 0.00	20.09 0.83 0.00	19.59 0.85 0.00
ASTORIA_GT_5 24106	19.50 0.92 0.00	19.32 0.78 0.00	19.10 0.76 0.00	18.73 0.72 0.00	20.58 0.66 0.00	20.98 0.74 0.00	25.55 1.31 0.00	30.09 1.56 -0.40	20.10 0.94 -0.41	18.18 0.94 -0.31	19.75 1.05 0.00	22.36 1.20 0.00	21.82 1.23 0.00	21.21 1.24 0.00	20.54 1.25 0.00	18.97 1.21 -0.04	19.73 1.17 -0.52	24.55 1.53 0.00	33.45 1.92 0.00	33.50 1.86 0.00	33.34 1.82 0.00	27.98 1.45 0.00	20.15 0.89 0.00	19.63 0.90 0.00
ASTORIA_GT_7 24107	19.50 0.92 0.00	19.32 0.78 0.00	19.10 0.76 0.00	18.73 0.72 0.00	20.58 0.66 0.00	20.98 0.74 0.00	25.55 1.31 0.00	30.09 1.56 -0.40	20.10 0.94 -0.41	18.18 0.94 -0.31	19.75 1.05 0.00	22.36 1.20 0.00	21.82 1.23 0.00	21.21 1.24 0.00	20.54 1.25 0.00	18.97 1.21 -0.04	19.73 1.17 -0.52	24.55 1.53 0.00	33.45 1.92 0.00	33.50 1.86 0.00	33.34 1.82 0.00	27.98 1.45 0.00	20.15 0.89 0.00	19.63 0.90 0.00
ASTORIA_GT_8 24108	19.50 0.92 0.00	19.32 0.78 0.00	19.10 0.76 0.00	18.73 0.72 0.00	20.58 0.66 0.00	20.98 0.74 0.00	25.55 1.31 0.00	30.09 1.56 -0.40	20.10 0.94 -0.41	18.18 0.94 -0.31	19.75 1.05 0.00	22.36 1.20 0.00	21.82 1.23 0.00	21.21 1.24 0.00	20.54 1.25 0.00	18.97 1.21 -0.04	19.73 1.17 -0.52	24.55 1.53 0.00	33.45 1.92 0.00	33.50 1.86 0.00	33.34 1.82 0.00	27.98 1.45 0.00	20.15 0.89 0.00	19.63 0.90 0.00
ASTORIA___2 24149	19.47 0.89 0.00	19.29 0.76 0.00	19.08 0.73 0.00	18.71 0.70 0.00	20.55 0.64 0.00	20.94 0.71 0.00	25.50 1.27 0.00	30.03 1.51 -0.40	20.06 0.90 -0.41	18.15 0.91 -0.31	19.71 1.01 0.00	22.32 1.15 0.00	21.78 1.18 0.00	21.16 1.20 0.00	20.50 1.21 0.00	18.92 1.16 -0.04	19.68 1.13 -0.52	24.50 1.48 0.00	33.38 1.85 0.00	33.44 1.80 0.00	33.29 1.76 0.00	27.93 1.40 0.00	20.12 0.86 0.00	19.61 0.87 0.00
ASTORIA___3 23516	19.41 0.83 0.00	19.26 0.73 0.00	19.07 0.73 0.00	18.70 0.69 0.00	20.54 0.63 0.00	20.94 0.70 0.00	25.48 1.25 0.00	30.06 1.53 -0.40	20.04 0.89 -0.41	18.12 0.89 -0.31	19.74 1.03 0.00	22.32 1.15 0.00	21.74 1.15 0.00	21.17 1.21 0.00	20.52 1.23 0.00	18.97 1.20 -0.05	19.71 1.16 -0.52	24.49 1.48 0.00	33.38 1.86 0.00	33.47 1.83 0.00	33.25 1.72 0.00	27.89 1.36 0.00	20.09 0.83 0.00	19.59 0.85 0.00
ASTORIA___4 23517	19.41 0.83 0.00	19.26 0.73 0.00	19.07 0.73 0.00	18.70 0.69 0.00	20.54 0.63 0.00	20.94 0.70 0.00	25.49 1.26 0.00	30.06 1.54 -0.40	20.04 0.89 -0.41	18.12 0.89 -0.31	19.74 1.03 0.00	22.32 1.15 0.00	21.74 1.15 0.00	21.17 1.21 0.00	20.52 1.23 0.00	18.97 1.20 -0.05	19.71 1.16 -0.52	24.49 1.48 0.00	33.38 1.86 0.00	33.47 1.83 0.00	33.25 1.72 0.00	27.90 1.37 0.00	20.09 0.83 0.00	19.59 0.85 0.00
ASTORIA___5 23518	19.41 0.83 0.00	19.26 0.73 0.00	19.07 0.73 0.00	18.70 0.69 0.00	20.54 0.63 0.00	20.94 0.70 0.00	25.48 1.25 0.00	30.06 1.53 -0.40	20.04 0.89 -0.41	18.12 0.89 -0.31	19.74 1.03 0.00	22.32 1.15 0.00	21.75 1.15 0.00	21.17 1.21 0.00	20.52 1.23 0.00	18.97 1.20 -0.05	19.71 1.16 -0.52	24.49 1.48 0.00	33.38 1.86 0.00	33.47 1.83 0.00	33.25 1.73 0.00	27.90 1.37 0.00	20.09 0.83 0.00	19.59 0.85 0.00
AST_ENERGY_2_CC3 323677	19.39 0.81 0.00	19.24 0.71 0.00	19.04 0.70 0.00	18.68 0.66 0.00	20.51 0.60 0.00	20.90 0.67 0.00	25.45 1.22 0.00	29.97 1.48 -0.36	19.99 0.83 -0.41	18.06 0.82 -0.31	19.66 0.96 0.00	22.24 1.08 0.00	21.69 1.09 0.00	21.12 1.15 0.00	20.47 1.17 0.00	18.93 1.17 -0.04	19.61 1.12 -0.46	24.42 1.40 0.00	33.30 1.77 0.00	33.40 1.76 0.00	33.16 1.63 0.00	27.81 1.28 0.00	20.05 0.79 0.00	19.54 0.81 0.00
AST_ENERGY_2_CC4 323678	19.39 0.81 0.00	19.24 0.71 0.00	19.04 0.70 0.00	18.68 0.66 0.00	20.51 0.60 0.00	20.90 0.67 0.00	25.45 1.22 0.00	29.97 1.48 -0.36	19.99 0.83 -0.41	18.06 0.82 -0.31	19.66 0.96 0.00	22.24 1.08 0.00	21.69 1.09 0.00	21.12 1.15 0.00	20.47 1.17 0.00	18.93 1.17 -0.04	19.61 1.12 -0.46	24.42 1.40 0.00	33.30 1.77 0.00	33.40 1.76 0.00	33.16 1.63 0.00	27.81 1.28 0.00	20.05 0.79 0.00	19.54 0.81 0.00

ATHENS_STG_1 23668	19.00 0.43 0.00	18.94 0.41 0.00	18.74 0.39 0.00	18.38 0.37 0.00	20.24 0.33 0.00	20.58 0.34 0.00	24.92 0.69 0.00	28.89 0.77 0.00	19.13 0.39 0.00	17.29 0.36 0.00	19.10 0.40 0.00	21.61 0.45 0.00	21.06 0.47 0.00	20.53 0.55 0.00	19.88 0.58 0.00	18.26 0.54 0.00	18.55 0.52 0.00	23.68 0.66 0.00	32.44 0.91 0.00	32.57 0.93 0.00	32.38 0.85 0.00	27.21 0.68 0.00	19.66 0.40 0.00	19.12 0.39 0.00
ATHENS_STG_2 23670	19.00 0.43 0.00	18.94 0.41 0.00	18.74 0.39 0.00	18.38 0.37 0.00	20.24 0.33 0.00	20.58 0.34 0.00	24.92 0.69 0.00	28.89 0.77 0.00	19.13 0.39 0.00	17.29 0.36 0.00	19.10 0.40 0.00	21.61 0.45 0.00	21.06 0.47 0.00	20.53 0.55 0.00	19.88 0.58 0.00	18.26 0.54 0.00	18.55 0.52 0.00	23.68 0.66 0.00	32.44 0.91 0.00	32.57 0.93 0.00	32.38 0.85 0.00	27.21 0.68 0.00	19.66 0.40 0.00	19.12 0.39 0.00
ATHENS_STG_3 23677	19.00 0.43 0.00	18.94 0.41 0.00	18.74 0.39 0.00	18.38 0.37 0.00	20.24 0.33 0.00	20.58 0.34 0.00	24.92 0.69 0.00	28.89 0.77 0.00	19.13 0.39 0.00	17.29 0.36 0.00	19.10 0.40 0.00	21.61 0.45 0.00	21.06 0.47 0.00	20.53 0.55 0.00	19.88 0.58 0.00	18.26 0.54 0.00	18.55 0.52 0.00	23.68 0.66 0.00	32.44 0.91 0.00	32.57 0.93 0.00	32.38 0.85 0.00	27.21 0.68 0.00	19.66 0.40 0.00	19.12 0.39 0.00
AUBURN___LFGE 323710	18.58 0.00 0.00	18.44 -0.08 0.00	18.32 -0.03 0.00	17.99 -0.03 0.00	19.97 0.07 0.00	20.22 -0.02 0.00	24.36 0.12 0.00	28.70 0.58 0.00	18.59 -0.15 0.00	16.82 -0.10 0.00	18.59 -0.11 0.00	21.13 -0.04 0.00	20.57 -0.02 0.00	20.04 0.07 0.00	19.42 0.12 0.00	17.58 -0.14 0.00	17.91 -0.12 0.00	22.70 -0.32 0.00	31.12 -0.41 0.00	31.39 -0.26 0.00	31.35 -0.18 0.00	26.28 -0.25 0.00	19.15 -0.10 0.00	18.68 -0.05 0.00
BABYLON_RES_REC 323704	25.19 0.94 -5.67	19.95 0.92 -0.50	28.17 0.91 -8.91	18.79 0.77 0.00	20.82 0.62 -0.29	22.10 0.60 -1.27	34.14 0.98 -8.93	29.85 1.20 -0.53	19.66 0.74 -0.18	17.81 0.75 -0.14	19.78 1.08 0.00	22.40 1.24 0.00	21.86 1.26 0.00	21.26 1.29 0.00	20.59 1.29 0.00	19.02 1.30 0.00	19.18 1.13 -0.01	24.52 1.47 -0.03	40.54 1.83 -7.18	39.33 1.83 -5.86	38.91 1.81 -5.57	30.17 1.37 -2.27	20.09 0.84 0.00	19.63 0.89 0.00
BABYLON__69_KV_BK2 356345	37.60 1.14 -17.88	21.22 1.11 -1.58	47.54 1.09 -28.10	18.98 0.96 -0.01	21.64 0.82 -0.91	25.04 0.79 -4.01	53.57 1.18 -28.16	31.12 1.39 -1.60	19.73 0.94 -0.05	17.90 0.93 -0.04	19.98 1.27 0.00	22.62 1.46 0.00	22.07 1.47 0.00	21.46 1.49 0.00	20.78 1.48 0.00	19.21 1.49 0.00	19.36 1.31 -0.01	24.83 1.72 -0.09	55.82 2.11 -22.18	51.82 2.07 -18.11	50.86 2.13 -17.20	35.15 1.62 -7.00	20.28 1.02 0.00	19.83 1.09 0.00
BALL_HILL_WT_PWR 323825	18.30 -0.27 0.00	18.29 -0.24 0.00	18.18 -0.16 0.00	17.83 -0.18 0.00	19.80 -0.11 0.00	19.92 -0.31 0.00	23.55 -0.69 0.00	27.51 -0.61 0.00	18.40 -0.34 0.00	16.83 -0.09 0.00	18.75 0.04 0.00	21.61 0.45 0.00	21.17 0.58 0.00	20.38 0.41 0.00	19.61 0.32 0.00	17.75 0.04 0.00	17.87 -0.16 0.00	22.08 -0.93 0.00	29.72 -1.81 0.00	29.98 -1.67 0.00	29.67 -1.86 0.00	24.88 -1.65 0.00	18.34 -0.92 0.00	18.05 -0.69 0.00
BARON_WINDS___WT_PWR 323822	18.15 -0.43 0.00	18.16 -0.37 0.00	18.10 -0.25 0.00	17.79 -0.23 0.00	19.76 -0.15 0.00	19.98 -0.26 0.00	23.84 -0.39 0.00	27.79 -0.33 0.00	18.48 -0.26 0.00	16.85 -0.07 0.00	18.66 -0.04 0.00	21.29 0.13 0.00	20.77 0.17 0.00	20.07 0.09 0.00	19.37 0.08 0.00	17.62 -0.10 0.00	17.83 -0.20 0.00	22.34 -0.68 0.00	30.34 -1.19 0.00	30.55 -1.09 0.00	30.45 -1.08 0.00	25.52 -1.01 0.00	18.71 -0.55 0.00	18.31 -0.43 0.00
BARRETT_IC_1 23704	19.37 0.79 0.00	19.29 0.76 0.00	19.09 0.75 0.00	18.65 0.64 0.00	20.41 0.50 0.00	20.69 0.45 0.00	24.96 0.73 0.00	29.05 0.88 -0.04	19.71 0.55 -0.41	17.87 0.63 -0.31	19.65 0.95 0.00	22.31 1.15 0.00	21.76 1.17 0.00	21.12 1.15 0.00	20.46 1.16 0.00	18.90 1.18 0.00	19.08 1.03 -0.01	24.31 1.29 0.00	33.07 1.54 0.00	33.14 1.50 0.00	32.96 1.43 0.00	27.64 1.11 0.00	19.94 0.68 0.00	19.45 0.72 0.00
BARRETT_IC_10 23701	19.37 0.79 0.00	19.29 0.76 0.00	19.09 0.75 0.00	18.65 0.64 0.00	20.41 0.50 0.00	20.69 0.45 0.00	24.96 0.73 0.00	29.05 0.88 -0.04	19.71 0.55 -0.41	17.87 0.63 -0.31	19.65 0.95 0.00	22.31 1.15 0.00	21.76 1.17 0.00	21.12 1.15 0.00	20.46 1.16 0.00	18.90 1.18 0.00	19.08 1.03 -0.01	24.31 1.29 0.00	33.07 1.54 0.00	33.14 1.50 0.00	32.96 1.43 0.00	27.64 1.11 0.00	19.94 0.68 0.00	19.45 0.72 0.00
BARRETT_IC_11 23702	19.37 0.79 0.00	19.29 0.76 0.00	19.09 0.75 0.00	18.65 0.64 0.00	20.41 0.50 0.00	20.69 0.45 0.00	24.96 0.73 0.00	29.05 0.88 -0.04	19.71 0.55 -0.41	17.87 0.63 -0.31	19.65 0.95 0.00	22.31 1.15 0.00	21.76 1.17 0.00	21.12 1.15 0.00	20.46 1.16 0.00	18.90 1.18 0.00	19.08 1.03 -0.01	24.31 1.29 0.00	33.07 1.54 0.00	33.14 1.50 0.00	32.96 1.43 0.00	27.64 1.11 0.00	19.94 0.68 0.00	19.45 0.72 0.00
BARRETT_IC_12 23703	19.37 0.79 0.00	19.29 0.76 0.00	19.09 0.75 0.00	18.65 0.64 0.00	20.41 0.50 0.00	20.69 0.45 0.00	24.96 0.73 0.00	29.05 0.88 -0.04	19.71 0.55 -0.41	17.87 0.63 -0.31	19.65 0.95 0.00	22.31 1.15 0.00	21.76 1.17 0.00	21.12 1.15 0.00	20.46 1.16 0.00	18.90 1.18 0.00	19.08 1.03 -0.01	24.31 1.29 0.00	33.07 1.54 0.00	33.14 1.50 0.00	32.96 1.43 0.00	27.64 1.11 0.00	19.94 0.68 0.00	19.45 0.72 0.00
BARRETT_IC_2 23705	19.37 0.79 0.00	19.29 0.76 0.00	19.09 0.75 0.00	18.65 0.64 0.00	20.41 0.50 0.00	20.69 0.45 0.00	24.96 0.73 0.00	29.05 0.88 -0.04	19.71 0.55 -0.41	17.87 0.63 -0.31	19.65 0.95 0.00	22.31 1.15 0.00	21.76 1.17 0.00	21.12 1.15 0.00	20.46 1.16 0.00	18.90 1.18 0.00	19.08 1.03 -0.01	24.31 1.29 0.00	33.07 1.54 0.00	33.14 1.50 0.00	32.96 1.43 0.00	27.64 1.11 0.00	19.94 0.68 0.00	19.45 0.72 0.00
BARRETT_IC_3 23706	19.37 0.79 0.00	19.29 0.76 0.00	19.09 0.75 0.00	18.65 0.64 0.00	20.41 0.50 0.00	20.69 0.45 0.00	24.96 0.73 0.00	29.05 0.88 -0.04	19.71 0.55 -0.41	17.87 0.63 -0.31	19.65 0.95 0.00	22.31 1.15 0.00	21.76 1.17 0.00	21.12 1.15 0.00	20.46 1.16 0.00	18.90 1.18 0.00	19.08 1.03 -0.01	24.31 1.29 0.00	33.07 1.54 0.00	33.14 1.50 0.00	32.96 1.43 0.00	27.64 1.11 0.00	19.94 0.68 0.00	19.45 0.72 0.00
BARRETT_IC_4 23707	19.37 0.79 0.00	19.29 0.76 0.00	19.09 0.75 0.00	18.65 0.64 0.00	20.41 0.50 0.00	20.69 0.45 0.00	24.96 0.73 0.00	29.05 0.88 -0.04	19.71 0.55 -0.41	17.87 0.63 -0.31	19.65 0.95 0.00	22.31 1.15 0.00	21.76 1.17 0.00	21.12 1.15 0.00	20.46 1.16 0.00	18.90 1.18 0.00	19.08 1.03 -0.01	24.31 1.29 0.00	33.07 1.54 0.00	33.14 1.50 0.00	32.96 1.43 0.00	27.64 1.11 0.00	19.94 0.68 0.00	19.45 0.72 0.00

BARRETT_IC_5 23708	19.37 0.79 0.00	19.29 0.76 0.00	19.09 0.75 0.00	18.65 0.64 0.00	20.41 0.50 0.00	20.69 0.45 0.00	24.96 0.73 0.00	29.05 0.88 -0.04	19.71 0.55 -0.41	17.87 0.63 -0.31	19.65 0.95 0.00	22.31 1.15 0.00	21.76 1.17 0.00	21.12 1.15 0.00	20.46 1.16 0.00	18.90 1.18 0.00	19.08 1.03 -0.01	24.31 1.29 0.00	33.07 1.54 0.00	33.14 1.50 0.00	32.96 1.43 0.00	27.64 1.11 0.00	19.94 0.68 0.00	19.45 0.72 0.00
BARRETT_IC_6 23709	19.37 0.79 0.00	19.29 0.76 0.00	19.09 0.75 0.00	18.65 0.64 0.00	20.41 0.50 0.00	20.69 0.45 0.00	24.96 0.73 0.00	29.05 0.88 -0.04	19.71 0.55 -0.41	17.87 0.63 -0.31	19.65 0.95 0.00	22.31 1.15 0.00	21.76 1.17 0.00	21.12 1.15 0.00	20.46 1.16 0.00	18.90 1.18 0.00	19.08 1.03 -0.01	24.31 1.29 0.00	33.07 1.54 0.00	33.14 1.50 0.00	32.96 1.43 0.00	27.64 1.11 0.00	19.94 0.68 0.00	19.45 0.72 0.00
BARRETT_IC_7 23710	19.37 0.79 0.00	19.29 0.76 0.00	19.09 0.75 0.00	18.66 0.64 0.00	20.41 0.50 0.00	20.69 0.46 0.00	24.97 0.74 0.00	29.06 0.90 -0.04	19.71 0.55 -0.41	17.87 0.63 -0.31	19.65 0.95 0.00	22.31 1.15 0.00	21.76 1.17 0.00	21.12 1.15 0.00	20.46 1.16 0.00	18.90 1.18 0.00	19.08 1.03 -0.01	24.31 1.29 0.00	33.07 1.54 0.00	33.13 1.50 0.00	32.96 1.43 0.00	27.64 1.11 0.00	19.94 0.68 0.00	19.45 0.72 0.00
BARRETT_IC_8 23711	19.37 0.79 0.00	19.29 0.76 0.00	19.09 0.75 0.00	18.65 0.64 0.00	20.41 0.50 0.00	20.69 0.45 0.00	24.96 0.73 0.00	29.05 0.88 -0.04	19.71 0.55 -0.41	17.87 0.63 -0.31	19.65 0.95 0.00	22.31 1.15 0.00	21.76 1.17 0.00	21.12 1.15 0.00	20.46 1.16 0.00	18.90 1.18 0.00	19.08 1.03 -0.01	24.31 1.29 0.00	33.07 1.54 0.00	33.14 1.50 0.00	32.96 1.43 0.00	27.64 1.11 0.00	19.94 0.68 0.00	19.45 0.72 0.00
BARRETT_IC_9 23700	19.37 0.79 0.00	19.29 0.76 0.00	19.09 0.75 0.00	18.65 0.64 0.00	20.41 0.50 0.00	20.69 0.45 0.00	24.96 0.73 0.00	29.05 0.88 -0.04	19.71 0.55 -0.41	17.87 0.63 -0.31	19.65 0.95 0.00	22.31 1.15 0.00	21.76 1.17 0.00	21.12 1.15 0.00	20.46 1.16 0.00	18.90 1.18 0.00	19.08 1.03 -0.01	24.31 1.29 0.00	33.07 1.54 0.00	33.14 1.50 0.00	32.96 1.43 0.00	27.64 1.11 0.00	19.94 0.68 0.00	19.45 0.72 0.00
BARRETT___1 23545	19.37 0.79 0.00	19.29 0.76 0.00	19.09 0.75 0.00	18.65 0.64 0.00	20.41 0.50 0.00	20.69 0.45 0.00	24.96 0.73 0.00	29.05 0.88 -0.04	19.71 0.55 -0.41	17.87 0.63 -0.31	19.65 0.95 0.00	22.31 1.15 0.00	21.76 1.17 0.00	21.12 1.15 0.00	20.46 1.16 0.00	18.90 1.18 0.00	19.08 1.03 -0.01	24.31 1.29 0.00	33.07 1.54 0.00	33.14 1.50 0.00	32.96 1.43 0.00	27.64 1.11 0.00	19.94 0.68 0.00	19.45 0.72 0.00
BARRETT___2 23546	19.37 0.79 0.00	19.29 0.76 0.00	19.09 0.75 0.00	18.65 0.64 0.00	20.41 0.50 0.00	20.69 0.45 0.00	24.96 0.73 0.00	29.05 0.88 -0.04	19.71 0.55 -0.41	17.87 0.63 -0.31	19.65 0.95 0.00	22.31 1.15 0.00	21.76 1.17 0.00	21.12 1.15 0.00	20.46 1.16 0.00	18.90 1.18 0.00	19.08 1.03 -0.01	24.31 1.29 0.00	33.07 1.54 0.00	33.14 1.50 0.00	32.96 1.43 0.00	27.64 1.11 0.00	19.94 0.68 0.00	19.45 0.72 0.00
BATAVIA___115KV_TB1 55881	18.31 -0.27 0.00	18.33 -0.20 0.00	18.20 -0.14 0.00	17.88 -0.14 0.00	19.86 -0.05 0.00	20.05 -0.19 0.00	23.72 -0.52 0.00	27.75 -0.37 0.00	18.50 -															

BAYONEEC___CTG7 323688	19.41 0.83 0.00	19.26 0.73 0.00	19.07 0.72 0.00	18.70 0.68 0.00	20.54 0.63 0.00	20.92 0.68 0.00	25.47 1.24 0.00	29.99 1.51 -0.36	20.01 0.85 -0.41	18.07 0.84 -0.31	19.67 0.97 0.00	22.26 1.10 0.00	21.70 1.11 0.00	21.14 1.17 0.00	20.49 1.19 0.00	18.93 1.17 -0.04	19.63 1.13 -0.46	24.44 1.42 0.00	33.33 1.80 0.00	33.43 1.79 0.00	33.19 1.66 0.00	27.84 1.31 0.00	20.06 0.81 0.00	19.56 0.82 0.00
BAYONEEC___CTG8 323689	19.41 0.83 0.00	19.26 0.73 0.00	19.07 0.72 0.00	18.70 0.68 0.00	20.54 0.63 0.00	20.92 0.68 0.00	25.47 1.24 0.00	29.99 1.51 -0.36	20.01 0.85 -0.41	18.07 0.84 -0.31	19.67 0.97 0.00	22.26 1.10 0.00	21.70 1.11 0.00	21.14 1.17 0.00	20.49 1.19 0.00	18.93 1.17 -0.04	19.63 1.13 -0.46	24.44 1.42 0.00	33.33 1.80 0.00	33.43 1.79 0.00	33.19 1.66 0.00	27.84 1.31 0.00	20.06 0.81 0.00	19.56 0.82 0.00
BAYONEEC___CTG9 323749	19.41 0.83 0.00	19.26 0.73 0.00	19.07 0.72 0.00	18.70 0.68 0.00	20.54 0.63 0.00	20.92 0.68 0.00	25.47 1.24 0.00	29.99 1.51 -0.36	20.01 0.85 -0.41	18.07 0.84 -0.31	19.67 0.97 0.00	22.26 1.10 0.00	21.70 1.11 0.00	21.14 1.17 0.00	20.49 1.19 0.00	18.93 1.17 -0.04	19.63 1.13 -0.46	24.44 1.42 0.00	33.33 1.80 0.00	33.43 1.79 0.00	33.19 1.66 0.00	27.84 1.31 0.00	20.06 0.81 0.00	19.56 0.82 0.00
BEACON___LESR 323632	18.88 0.30 0.00	18.79 0.26 0.00	18.61 0.26 0.00	18.29 0.28 0.00	20.15 0.24 0.00	20.54 0.31 0.00	24.92 0.69 0.00	28.78 0.70 0.04	18.72 0.33 0.36	16.88 0.22 0.27	18.84 0.13 0.00	21.33 0.16 0.00	20.75 0.16 0.00	20.19 0.22 0.00	19.56 0.26 0.00	17.99 0.28 0.00	18.33 0.30 0.00	23.47 0.45 0.00	32.28 0.75 0.00	32.47 0.82 0.00	32.26 0.74 0.00	27.10 0.57 0.00	19.54 0.28 0.00	18.99 0.26 0.00
BEAVER RIVER___HYD 24048	18.32 -0.26 0.00	18.31 -0.22 0.00	17.90 -0.44 0.00	17.33 -0.69 0.00	19.37 -0.54 0.00	20.03 -0.21 0.00	24.14 -0.09 0.00	28.04 -0.08 0.00	18.46 -0.28 0.00	16.50 -0.43 0.00	18.17 -0.54 0.00	20.48 -0.69 0.00	19.57 -1.03 0.00	18.68 -1.29 0.00	17.95 -1.35 0.00	16.64 -1.08 0.00	17.15 -0.89 0.00	22.25 -0.77 0.00	30.88 -0.65 0.00	31.55 -0.09 0.00	31.81 0.28 0.00	26.72 0.20 0.00	19.34 0.08 0.00	18.76 0.03 0.00
BEEBEE_GT_13 23619	18.29 -0.28 0.00	18.28 -0.25 0.00	18.13 -0.21 0.00	17.81 -0.21 0.00	19.76 -0.15 0.00	19.98 -0.26 0.00	23.75 -0.49 0.00	27.71 -0.42 0.00	18.42 -0.32 0.00	16.67 -0.25 0.00	18.47 -0.23 0.00	21.16 0.00 0.00	20.69 0.10 0.00	19.97 0.00 0.00	19.22 -0.07 0.00	17.48 -0.24 0.00	17.66 -0.37 0.00	22.10 -0.92 0.00	29.99 -1.54 0.00	30.28 -1.37 0.00	30.11 -1.42 0.00	25.31 -1.22 0.00	18.56 -0.70 0.00	18.18 -0.55 0.00
BENSHRST_27_KV_BENSHRST_1 355998	19.59 1.02 0.00	19.43 0.90 0.00	19.23 0.88 0.00	18.85 0.83 0.00	20.71 0.80 0.00	21.11 0.87 0.00	25.70 1.47 0.00	30.31 1.78 -0.40	20.21 1.05 -0.41	18.27 1.03 -0.31	19.90 1.20 0.00	22.52 1.36 0.00	21.97 1.37 0.00	21.40 1.42 0.00	20.74 1.45 0.00	19.17 1.40 -0.05	19.92 1.36 -0.52	24.75 1.73 0.00	33.73 2.20 0.00	33.82 2.18 0.00	33.60 2.07 0.00	28.21 1.68 0.00	20.31 1.05 0.00	19.78 1.05 0.00
BETHLEHEM___GRP 23843	18.58 0.01 0.00	18.51 -0.02 0.00	18.33 -0.02 0.00	18.03 0.01 0.00	19.82 -0.09 0.00	20.18 -0.06 0.00	24.44 0.21 0.00	28.24 0.16 0.04	18.41 0.00 0.34	16.66 -0.02 0.25	18.58 -0.12 0.00	21.03 -0.14 0.00	20.48 -0.12 0.00	19.93 -0.04 0.00	19.31 0.01 0.00	17.74 0.03 0.00	18.06 0.02 0.00	23.10 0.08 0.00	31.70 0.17 0.00	31.86 0.21 0.00	31.68 0.15 0.00	26.63 0.10 0.00	19.23 -0.02 0.00	18.68 -0.05 0.00
BETHLEHEM___GS1 323560	18.58 0.01 0.00	18.51 -0.02 0.00	18.33 -0.02 0.00	18.02 0.00 0.00	19.82 -0.09 0.00	20.18 -0.06 0.00	24.45 0.22 0.00	28.24 0.15 0.04	18.41 0.01 0.34	16.66 -0.02 0.25	18.58 -0.12 0.00	21.03 -0.14 0.00	20.48 -0.12 0.00	19.93 -0.04 0.00	19.31 0.01 0.00	17.74 0.03 0.00	18.06 0.02 0.00	23.10 0.08 0.00	31.70 0.17 0.00	31.86 0.22 0.00	31.68 0.15 0.00	26.63 0.11 0.00	19.23 -0.02 0.00	18.68 -0.05 0.00
BETHLEHEM___GS2 323561	18.58 0.01 0.00	18.51 -0.02 0.00	18.33 -0.02 0.00	18.02 0.00 0.00	19.82 -0.09 0.00	20.18 -0.06 0.00	24.45 0.22 0.00	28.24 0.15 0.04	18.41 0.01 0.34	16.66 -0.02 0.25	18.58 -0.12 0.00	21.03 -0.14 0.00	20.48 -0.12 0.00	19.93 -0.04 0.00	19.31 0.01 0.00	17.74 0.03 0.00	18.06 0.02 0.00	23.10 0.08 0.00	31.70 0.17 0.00	31.86 0.22 0.00	31.68 0.15 0.00	26.63 0.11 0.00	19.23 -0.02 0.00	18.68 -0.05 0.00
BETHLEHEM___GS3 323562	18.58 0.01 0.00	18.51 -0.02 0.00	18.33 -0.02 0.00	18.02 0.00 0.00	19.82 -0.09 0.00	20.18 -0.06 0.00	24.45 0.22 0.00	28.24 0.15 0.04	18.41 0.01 0.34	16.66 -0.02 0.25	18.58 -0.12 0.00	21.03 -0.14 0.00	20.48 -0.12 0.00	19.93 -0.04 0.00	19.31 0.01 0.00	17.74 0.03 0.00	18.06 0.02 0.00	23.10 0.08 0.00	31.70 0.17 0.00	31.86 0.22 0.00	31.68 0.15 0.00	26.63 0.11 0.00	19.23 -0.02 0.00	18.68 -0.05 0.00
BETHLEHEM___STEEL 23779	18.14 -0.43 0.00	18.16 -0.37 0.00	18.05 -0.30 0.00	17.72 -0.29 0.00	19.68 -0.22 0.00	19.81 -0.43 0.00	23.35 -0.88 0.00	27.30 -0.83 0.00	18.31 -0.43 0.00	16.72 -0.20 0.00	18.61 -0.10 0.00	21.48 0.31 0.00	21.05 0.45 0.00	20.25 0.28 0.00	19.48 0.18 0.00	17.64 -0.08 0.00	17.75 -0.28 0.00	21.89 -1.13 0.00	29.42 -2.11 0.00	29.67 -1.97 0.00	29.44 -2.09 0.00	24.75 -1.79 0.00	18.28 -0.97 0.00	18.00 -0.73 0.00
BETHLHEM_115KV_TB1 79974	18.64 0.07 0.00	18.57 0.04 0.00	18.39 0.04 0.00	18.08 0.06 0.00	19.88 -0.03 0.00	20.24 0.00 0.00	24.51 0.28 0.00	28.36 0.24 0.00	18.80 0.06 0.00	16.96 0.03 0.00	18.65 -0.06 0.00	21.09 -0.07 0.00	20.55 -0.05 0.00	20.01 0.03 0.00	19.37 0.08 0.00	17.80 0.08 0.00	18.12 0.08 0.00	23.17 0.15 0.00	31.80 0.27 0.00	31.95 0.31 0.00	31.77 0.24 0.00	26.71 0.18 0.00	19.29 0.03 0.00	18.74 0.01 0.00
BETHPAGE_CC_5 323564	19.50 0.92 0.00	19.42 0.89 0.00	19.23 0.89 0.00	18.77 0.75 0.00	20.53 0.62 0.00	20.84 0.60 0.00	25.23 1.00 0.00	29.37 1.22 -0.03	19.73 0.74 -0.25	17.88 0.77 -0.19	19.79 1.09 0.00	22.44 1.28 0.00	21.90 1.30 0.00	21.29 1.32 0.00	20.62 1.32 0.00	19.04 1.33 0.00	19.19 1.15 -0.01	24.49 1.47 0.00	33.35 1.82 0.00	33.46 1.82 0.00	33.30 1.78 0.00	27.86 1.33 0.00	20.06 0.81 0.00	19.59 0.85 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.21 -0.36 0.00	18.23 -0.30 0.00	18.11 -0.23 0.00	17.79 -0.23 0.00	19.76 -0.15 0.00	19.88 -0.36 0.00	23.45 -0.79 0.00	27.41 -0.71 0.00	18.39 -0.35 0.00	16.79 -0.13 0.00	18.68 -0.02 0.00	21.56 0.39 0.00	21.13 0.53 0.00	20.33 0.36 0.00	19.56 0.26 0.00	17.71 -0.01 0.00	17.83 -0.21 0.00	21.99 -1.03 0.00	29.56 -1.97 0.00	29.82 -1.82 0.00	29.58 -1.95 0.00	24.87 -1.66 0.00	18.36 -0.90 0.00	18.07 -0.66 0.00

BINGHAMTON___COGEN 23790	18.56 -0.01 0.00	18.47 -0.06 0.00	18.32 -0.02 0.00	17.97 -0.04 0.00	19.89 -0.02 0.00	20.18 -0.05 0.00	24.22 -0.01 0.00	28.17 0.05 0.00	18.68 -0.06 0.00	16.97 0.04 0.00	18.80 0.09 0.00	21.36 0.20 0.00	20.81 0.22 0.00	20.16 0.19 0.00	19.46 0.17 0.00	17.79 0.07 0.00	18.04 0.00 0.00	22.85 -0.17 0.00	31.23 -0.30 0.00	31.49 -0.15 0.00	31.32 -0.20 0.00	26.28 -0.25 0.00	19.14 -0.12 0.00	18.71 -0.02 0.00
BIXINCNT_115KV_LOAD 355685	18.57 0.00 0.00	18.57 0.05 0.00	18.49 0.14 0.00	18.17 0.15 0.00	20.20 0.29 0.00	20.32 0.08 0.00	23.97 -0.26 0.00	28.00 -0.12 0.00	18.73 -0.01 0.00	17.13 0.20 0.00	19.08 0.38 0.00	21.91 0.75 0.00	21.41 0.81 0.00	20.67 0.70 0.00	19.90 0.60 0.00	17.98 0.26 0.00	18.07 0.03 0.00	22.40 -0.62 0.00	30.19 -1.34 0.00	30.34 -1.30 0.00	30.11 -1.41 0.00	25.26 -1.27 0.00	18.61 -0.65 0.00	18.31 -0.42 0.00
BLACK RIVER___HYD 24047	18.20 -0.38 0.00	18.16 -0.37 0.00	17.70 -0.64 0.00	17.08 -0.93 0.00	19.15 -0.76 0.00	19.87 -0.37 0.00	24.01 -0.22 0.00	27.85 -0.27 0.00	18.22 -0.52 0.00	16.24 -0.69 0.00	17.88 -0.83 0.00	20.15 -1.02 0.00	19.24 -1.35 0.00	18.29 -1.68 0.00	17.58 -1.72 0.00	16.33 -1.38 0.00	16.84 -1.19 0.00	21.84 -1.18 0.00	30.38 -1.16 0.00	31.24 -0.40 0.00	31.61 0.08 0.00	26.53 -0.01 0.00	19.18 -0.08 0.00	18.60 -0.14 0.00
BLACKRVR_115KV_TB2 79977	18.20 -0.38 0.00	18.16 -0.37 0.00	17.70 -0.64 0.00	17.08 -0.93 0.00	19.15 -0.76 0.00	19.87 -0.37 0.00	24.01 -0.22 0.00	27.85 -0.27 0.00	18.22 -0.52 0.00	16.24 -0.69 0.00	17.88 -0.83 0.00	20.15 -1.02 0.00	19.24 -1.35 0.00	18.29 -1.68 0.00	17.58 -1.72 0.00	16.33 -1.38 0.00	16.84 -1.19 0.00	21.84 -1.18 0.00	30.38 -1.16 0.00	31.24 -0.40 0.00	31.61 0.08 0.00	26.53 -0.01 0.00	19.18 -0.08 0.00	18.60 -0.14 0.00
BLISS_WT_PWR 323608	18.57 0.00 0.00	18.57 0.05 0.00	18.49 0.15 0.00	18.19 0.17 0.00	20.22 0.31 0.00	20.34 0.10 0.00	24.00 -0.23 0.00	28.04 -0.08 0.00	18.75 0.01 0.00	17.15 0.22 0.00	19.10 0.40 0.00	21.92 0.75 0.00	21.40 0.81 0.00	20.68 0.70 0.00	19.90 0.60 0.00	17.99 0.27 0.00	18.07 0.04 0.00	22.41 -0.61 0.00	30.22 -1.31 0.00	30.32 -1.32 0.00	30.09 -1.43 0.00	25.24 -1.29 0.00	18.57 -0.68 0.00	18.27 -0.46 0.00
BLUESTONE___WT_PWR 323821	18.62 0.05 0.00	18.38 -0.15 0.00	18.29 -0.06 0.00	18.17 0.16 0.00	20.45 0.54 0.00	20.84 0.60 0.00	25.23 0.99 0.00	29.44 1.31 0.00	19.47 0.73 0.00	17.52 0.59 0.00	19.27 0.57 0.00	21.63 0.47 0.00	20.83 0.23 0.00	19.98 0.01 0.00	19.19 -0.11 0.00	17.46 -0.26 0.00	17.82 -0.21 0.00	22.97 -0.05 0.00	32.04 0.51 0.00	32.76 1.12 0.00	32.65 1.13 0.00	27.46 0.93 0.00	19.93 0.67 0.00	19.45 0.72 0.00
BLUE_CIRC_CHEM_DRP 24182	18.87 0.30 0.00	18.83 0.30 0.00	18.64 0.30 0.00	18.32 0.30 0.00	20.18 0.28 0.00	20.54 0.30 0.00	24.82 0.59 0.00	28.64 0.51 0.00	18.89 0.14 0.00	17.00 0.08 0.00	18.71 0.01 0.00	21.17 0.00 0.00	20.60 0.01 0.00	20.05 0.08 0.00	19.44 0.15 0.00	17.86 0.15 0.00	18.21 0.18 0.00	23.32 0.30 0.00	32.09 0.56 0.00	32.30 0.65 0.00	32.13 0.60 0.00	27.01 0.48 0.00	19.53 0.27 0.00	18.98 0.25 0.00
BOC_GAS_DRP 24189	18.80 0.22 0.00	18.74 0.21 0.00	18.55 0.20 0.00	18.21 0.20 0.00	20.06 0.15 0.00	20.40 0.16 0.00	24.66 0.42 0.00	28.56 0.44 0.00	18.93 0.19 0.00	17.09 0.16 0.00	18.84 0.14 0.00	21.32 0.16 0.00	20.77 0.17 0.00	20.22 0.25 0.00	19.58 0.28 0.00	17.98 0.26 0.00	18.28 0.25 0.00	23.36 0.34 0.00	32.04 0.50 0.00	32.17 0.53 0.00	32.00 0.47 0.00	26.90 0.37 0.00	19.45 0.19 0.00	18.91 0.17 0.00
BOONVILLE_115KV_TB1 79983	18.79 0.21 0.00	18.75 0.22 0.00	18.45 0.11 0.00	17.99 -0.03 0.00	19.98 0.07 0.00	20.50 0.26 0.00	24.73 0.49 0.00	28.71 0.59 0.00	18.95 0.21 0.00	17.02 0.09 0.00	18.75 0.05 0.00	21.18 0.01 0.00	20.42 -0.18 0.00	19.68 -0.29 0.00	18.98 -0.32 0.00	17.47 -0.25 0.00	17.89 -0.15 0.00	23.02 0.00 0.00	31.83 0.30 0.00	32.27 0.63 0.00	32.31 0.78 0.00	27.12 0.59 0.00	19.62 0.37 0.00	19.06 0.32 0.00
BORALEX_4TH_BRANCH 23824	18.97 0.40 0.00	18.89 0.36 0.00	18.68 0.34 0.00	18.33 0.31 0.00	20.24 0.33 0.00	20.69 0.45 0.00	25.20 0.96 0.00	29.02 1.06 0.16	17.79 0.36 1.30	15.87 0.27 1.32	18.91 0.21 0.00	21.36 0.19 0.00	20.81 0.21 0.00	20.24 0.27 0.00	19.61 0.31 0.00	18.02 0.30 0.00	18.39 0.36 0.00	23.45 0.43 0.00	32.31 0.78 0.00	32.61 0.97 0.00	32.38 0.85 0.00	27.36 0.83 0.00	19.73 0.47 0.00	19.10 0.37 0.00
BOWLINE___1 23526	19.23 0.66 0.00	19.11 0.57 0.00	18.91 0.56 0.00	18.55 0.53 0.00	20.39 0.48 0.00	20.72 0.49 0.00	25.17 0.94 0.00	29.28 1.11 -0.04	19.71 0.60 -0.37	17.80 0.59 -0.28	19.39 0.69 0.00	21.96 0.79 0.00	21.42 0.83 0.00	20.86 0.89 0.00	20.22 0.92 0.00	18.64 0.92 0.00	18.90 0.86 0.00	24.12 1.10 0.00	32.92 1.39 0.00	33.06 1.41 0.00	32.83 1.30 0.00	27.55 1.02 0.00	19.86 0.61 0.00	19.38 0.64 0.00
BOWLINE___2 23595	19.23 0.66 0.00	19.11 0.57 0.00	18.91 0.56 0.00	18.55 0.53 0.00	20.39 0.48 0.00	20.72 0.49 0.00	25.17 0.94 0.00	29.28 1.11 -0.04	19.71 0.60 -0.37	17.80 0.59 -0.28	19.39 0.69 0.00	21.96 0.79 0.00	21.42 0.83 0.00	20.86 0.89 0.00	20.22 0.92 0.00	18.64 0.92 0.00	18.90 0.86 0.00	24.12 1.10 0.00	32.92 1.39 0.00	33.06 1.41 0.00	32.83 1.31 0.00	27.55 1.02 0.00	19.86 0.61 0.00	19.38 0.64 0.00
BRADY___115KV_TB2 356060	18.74 0.16 0.00	18.76 0.23 0.00	18.56 0.22 0.00	18.26 0.24 0.00	20.26 0.35 0.00	20.64 0.40 0.00	24.45 0.22 0.00	28.34 0.22 0.00	18.93 0.19 0.00	17.01 0.09 0.00	18.77 0.07 0.00	21.12 -0.04 0.00	20.47 -0.12 0.00	19.75 -0.22 0.00	19.03 -0.27 0.00	17.51 -0.20 0.00	17.94 -0.09 0.00	23.14 0.12 0.00	31.72 0.19 0.00	31.95 0.31 0.00	32.02 0.49 0.00	26.98 0.45 0.00	19.61 0.36 0.00	19.01 0.28 0.00
BRANSCOMB___SOLAR 323811	18.99 0.42 0.00	18.93 0.40 0.00	18.73 0.38 0.00	18.40 0.38 0.00	20.33 0.42 0.00	20.76 0.53 0.00	25.23 0.99 0.00	29.12 1.08 0.07	18.50 0.36 0.60	16.67 0.20 0.45	18.88 0.18 0.00	21.35 0.19 0.00	20.85 0.25 0.00	20.23 0.26 0.00	19.56 0.27 0.00	17.96 0.25 0.00	18.38 0.35 0.00	23.58 0.56 0.00	32.52 0.99 0.00	32.82 1.18 0.00	32.60 1.07 0.00	27.40 0.87 0.00	19.76 0.50 0.00	19.15 0.41 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	31.43 1.11 -11.75	20.65 1.08 -1.04	37.88 1.06 -18.47	18.94 0.91 -0.01	21.27 0.76 -0.60	23.60 0.72 -2.64	43.75 1.01 -18.51	30.31 1.13 -1.05	19.45 0.90 0.20	17.68 0.90 0.15	19.95 1.25 0.00	22.60 1.44 0.00	22.05 1.45 0.00	21.45 1.48 0.00	20.76 1.46 0.00	19.19 1.47 0.00	19.31 1.27 -0.01	24.72 1.65 -0.06	48.09 1.91 -14.65	45.39 1.78 -11.97	44.83 1.93 -11.36	32.61 1.46 -4.62	20.19 0.94 0.00	19.77 1.04 0.00

BRISTLHL_115KV_TB1 79998	18.13 -0.44 0.00	18.08 -0.45 0.00	17.90 -0.45 0.00	17.56 -0.45 0.00	19.45 -0.46 0.00	19.78 -0.45 0.00	23.73 -0.51 0.00	27.52 -0.60 0.00	18.24 -0.50 0.00	16.48 -0.45 0.00	18.21 -0.49 0.00	20.66 -0.51 0.00	20.11 -0.48 0.00	19.47 -0.50 0.00	18.82 -0.48 0.00	17.25 -0.47 0.00	17.53 -0.50 0.00	22.32 -0.70 0.00	30.60 -0.93 0.00	30.85 -0.79 0.00	30.74 -0.79 0.00	25.82 -0.71 0.00	18.74 -0.51 0.00	18.26 -0.47 0.00
BROOKHAVEN___DRP 24191	166.81 1.05 -147.19	32.59 1.06 -13.00	250.76 1.05 -231.36	19.03 0.90 -0.11	28.15 0.74 -7.49	53.93 0.69 -33.01	257.12 1.06 -231.82	42.42 1.28 -13.02	19.51 0.83 0.06	17.73 0.85 0.04	19.89 1.19 0.00	22.57 1.40 0.00	21.98 1.39 0.00	21.41 1.44 0.00	20.70 1.40 0.00	19.16 1.44 0.00	19.25 1.21 -0.01	25.32 1.59 -0.71	214.47 1.90 -181.03	181.33 1.86 -147.83	173.83 1.90 -140.41	85.12 1.46 -57.13	20.14 0.88 0.00	19.78 1.05 0.00
BROOKLYN_NAVY_YARD 23515	19.38 0.81 0.00	19.23 0.70 0.00	19.04 0.70 0.00	18.69 0.67 0.00	20.53 0.62 0.00	20.92 0.68 0.00	25.47 1.23 0.00	30.00 1.51 -0.36	20.00 0.84 -0.41	18.06 0.83 -0.31	19.65 0.94 0.00	22.23 1.06 0.00	21.67 1.07 0.00	21.11 1.14 0.00	20.46 1.16 0.00	18.91 1.15 -0.04	19.61 1.12 -0.46	24.42 1.40 0.00	33.30 1.77 0.00	33.42 1.78 0.00	33.19 1.66 0.00	27.83 1.30 0.00	20.03 0.77 0.00	19.54 0.80 0.00
BROOKLYN___ARMY_DRP 323595	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.36 0.00	30.17 1.64 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.80 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.34 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.88 0.00	28.06 1.53 0.00	20.20 0.95 0.00	19.68 0.95 0.00
BROOKVLE_69_KV_TB1 55790	19.50 0.93 0.00	19.40 0.87 0.00	19.20 0.85 0.00	18.77 0.76 0.00	20.57 0.66 0.00	20.91 0.67 0.00	25.37 1.14 0.00	29.54 1.38 -0.04	19.97 0.82 -0.41	18.06 0.82 -0.31	19.80 1.10 0.00	22.53 1.37 0.00	21.98 1.39 0.00	21.35 1.38 0.00	20.69 1.39 0.00	19.09 1.38 0.00	19.30 1.25 -0.01	24.61 1.59 0.00	33.54 2.01 0.00	33.65 2.01 0.00	33.48 1.95 0.00	28.01 1.48 0.00	20.16 0.91 0.00	19.66 0.92 0.00
BROOME_2_LFGE 323671	18.56 -0.01 0.00	18.47 -0.06 0.00	18.32 -0.02 0.00	17.97 -0.04 0.00	19.89 -0.02 0.00	20.18 -0.06 0.00	24.22 -0.01 0.00	28.17 0.05 0.00	18.68 -0.07 0.00	16.97 0.04 0.00	18.80 0.09 0.00	21.36 0.20 0.00	20.81 0.22 0.00	20.16 0.19 0.00	19.46 0.16 0.00	17.79 0.07 0.00	18.03 0.00 0.00	22.85 -0.17 0.00	31.23 -0.30 0.00	31.49 -0.15 0.00	31.32 -0.21 0.00	26.28 -0.25 0.00	19.14 -0.12 0.00	18.71 -0.02 0.00
BROOME___LFGE 323600	18.56 -0.01 0.00	18.47 -0.06 0.00	18.32 -0.02 0.00	17.97 -0.04 0.00	19.89 -0.02 0.00	20.18 -0.06 0.00	24.22 -0.01 0.00	28.17 0.05 0.00	18.68 -0.07 0.00	16.97 0.04 0.00	18.80 0.09 0.00	21.36 0.20 0.00	20.81 0.22 0.00	20.16 0.19 0.00	19.46 0.16 0.00	17.79 0.07 0.00	18.03 0.00 0.00	22.85 -0.17 0.00	31.23 -0.30 0.00	31.49 -0.15 0.00	31.32 -0.21 0.00	26.28 -0.25 0.00	19.14 -0.12 0.00	18.71 -0.02 0.00
BROWNFLS_115KV_TB_3_5 80003	18.17 -0.40 0.00	18.18 -0.35 0.00	17.87 -0.48 0.00	17.41 -0.61 0.00	19.41 -0.50 0.00	19.96 -0.28 0.00	23.88 -0.36 0.00	27.72 -0.40 0.00	18.38 -0.36 0.00	16.45 -0.47 0.00	18.13 -0.57 0.00	20.40 -0.77 0.00	19.60 -0.99 0.00	18.79 -1.18 0.00	18.07 -1.23 0.00	16.71 -1.01 0.00	17.19 -0.84 0.00	22.27 -0.75 0.00	30.78 -0.75 0.00	31.24 -0.40 0.00	31.41 -0.12 0.00	26.42 -0.11 0.00	19.14 -0.11 0.00	18.56 -0.18 0.00
BROWNSV1_27_KV_LOAD 356125	19.57 1.00 0.00	19.42 0.89 0.00	19.22 0.87 0.00	18.84 0.82 0.00	20.70 0.78 0.00	21.10 0.86 0.00	25.69 1.46 0.00	30.28 1.79 -0.36	20.19 1.04 -0.41	18.24 1.00 -0.31	19.86 1.16 0.00	22.47 1.30 0.00	21.91 1.31 0.00	21.33 1.36 0.00	20.67 1.38 0.00	19.11 1.35 -0.04	19.81 1.31 -0.46	24.66 1.64 0.00	33.63 2.10 0.00	33.75 2.11 0.00	33.52 1.99 0.00	28.10 1.57 0.00	20.24 0.99 0.00	19.72 0.99 0.00
BURROWS___LYONSDAL 23803	18.68 0.11 0.00	18.66 0.13 0.00	18.32 -0.02 0.00	17.81 -0.20 0.00	19.83 -0.08 0.00	20.39 0.16 0.00	24.60 0.37 0.00	28.58 0.46 0.00	18.85 0.11 0.00	16.91 -0.02 0.00	18.63 -0.08 0.00	21.03 -0.14 0.00	20.21 -0.38 0.00	19.43 -0.54 0.00	18.70 -0.60 0.00	17.26 -0.46 0.00	17.71 -0.32 0.00	22.83 -0.18 0.00	31.63 0.10 0.00	32.13 0.49 0.00	32.21 0.69 0.00	27.04 0.51 0.00	19.58 0.32 0.00	19.00 0.26 0.00
CAITHNESS_CC_1 323624	167.01 1.05 -147.39	32.60 1.05 -13.02	251.06 1.03 -231.69	19.02 0.89 -0.11	28.14 0.73 -7.50	53.96 0.67 -33.06	257.40 1.02 -232.14	42.41 1.25 -13.04	19.52 0.82 0.05	17.74 0.85 0.03	19.89 1.19 0.00	22.56 1.39 0.00	21.98 1.38 0.00	21.40 1.43 0.00	20.69 1.40 0.00	19.15 1.43 0.00	19.25 1.20 -0.01	25.31 1.58 -0.71	214.70 1.89 -181.28	181.53 1.86 -148.04	174.01 1.88 -140.60	85.18 1.44 -57.21	20.13 0.87 0.00	19.76 1.02 0.00
CALPINE BETH_PAGE_GT4 24209	19.49 0.91 0.00	19.41 0.88 0.00	19.22 0.88 0.00	18.77 0.75 0.00	20.53 0.62 0.00	20.84 0.61 0.00	25.26 1.02 0.00	29.40 1.24 -0.04	19.89 0.73 -0.41	18.00 0.76 -0.31	19.78 1.08 0.00	22.44 1.27 0.00	21.89 1.29 0.00	21.28 1.31 0.00	20.61 1.32 0.00	19.03 1.32 0.00	19.18 1.13 -0.01	24.46 1.44 0.00	33.30 1.76 0.00	33.39 1.75 0.00	33.24 1.71 0.00	27.81 1.28 0.00	20.02 0.76 0.00	19.54 0.80 0.00
CALPINE_BETH_PAGE_GT_4 323586	19.49 0.91 0.00	19.41 0.88 0.00	19.22 0.87 0.00	18.77 0.75 0.00	20.53 0.62 0.00	20.84 0.61 0.00	25.24 1.01 0.00	29.38 1.22 -0.04	19.89 0.74 -0.41	18.00 0.76 -0.31	19.78 1.08 0.00	22.44 1.27 0.00	21.89 1.29 0.00	21.28 1.31 0.00	20.61 1.32 0.00	19.03 1.32 0.00	19.18 1.13 -0.01	24.46 1.44 0.00	33.30 1.76 0.00	33.39 1.75 0.00	33.24 1.71 0.00	27.81 1.28 0.00	20.02 0.76 0.00	19.54 0.81 0.00
CALPINE_BP_GT1 23823	19.49 0.91 0.00	19.41 0.88 0.00	19.22 0.87 0.00	18.77 0.75 0.00	20.53 0.62 0.00	20.84 0.61 0.00	25.24 1.01 0.00	29.38 1.22 -0.04	19.89 0.74 -0.41	18.00 0.76 -0.31	19.78 1.08 0.00	22.44 1.27 0.00	21.89 1.29 0.00	21.28 1.31 0.00	20.61 1.32 0.00	19.03 1.32 0.00	19.18 1.13 -0.01	24.46 1.44 0.00	33.30 1.76 0.00	33.39 1.75 0.00	33.24 1.71 0.00	27.81 1.28 0.00	20.02 0.76 0.00	19.54 0.81 0.00
CALSPAN___DRP 24200	18.14 -0.43 0.00	18.16 -0.37 0.00	18.05 -0.30 0.00	17.72 -0.29 0.00	19.68 -0.22 0.00	19.81 -0.43 0.00	23.35 -0.88 0.00	27.30 -0.83 0.00	18.31 -0.43 0.00	16.72 -0.20 0.00	18.61 -0.10 0.00	21.48 0.31 0.00	21.05 0.45 0.00	20.25 0.28 0.00	19.48 0.18 0.00	17.64 -0.08 0.00	17.75 -0.28 0.00	21.89 -1.13 0.00	29.42 -2.11 0.00	29.67 -1.97 0.00	29.44 -2.09 0.00	24.75 -1.79 0.00	18.28 -0.97 0.00	18.00 -0.73 0.00

CALVERTON___SOLAR 323806	166.83 1.05 -147.20	32.62 1.08 -13.00	250.81 1.07 -231.39	19.05 0.93 -0.11	28.18 0.77 -7.49	53.95 0.70 -33.01	257.13 1.05 -231.85	42.43 1.29 -13.02	19.52 0.84 0.06	17.74 0.86 0.05	19.90 1.20 0.00	22.58 1.42 0.00	21.98 1.39 0.00	21.42 1.45 0.00	20.71 1.41 0.00	19.17 1.45 0.00	19.25 1.21 -0.01	25.34 1.60 -0.71	214.49 1.91 -181.05	181.35 1.86 -147.85	173.88 1.93 -140.42	85.17 1.51 -57.13	20.17 0.91 0.00	19.81 1.07 0.00
CANDIGU_WT_PWR 323617	18.15 -0.43 0.00	18.16 -0.37 0.00	18.10 -0.25 0.00	17.79 -0.23 0.00	19.76 -0.15 0.00	19.98 -0.26 0.00	23.84 -0.39 0.00	27.79 -0.33 0.00	18.48 -0.26 0.00	16.85 -0.07 0.00	18.66 -0.04 0.00	21.29 0.13 0.00	20.77 0.17 0.00	20.07 0.09 0.00	19.37 0.08 0.00	17.62 -0.10 0.00	17.83 -0.20 0.00	22.34 -0.68 0.00	30.34 -1.19 0.00	30.55 -1.09 0.00	30.45 -1.08 0.00	25.52 -1.01 0.00	18.71 -0.55 0.00	18.31 -0.43 0.00
CARR STREET_E_SYR 24060	18.29 -0.28 0.00	18.24 -0.29 0.00	18.06 -0.28 0.00	17.73 -0.29 0.00	19.62 -0.29 0.00	19.95 -0.29 0.00	23.94 -0.29 0.00	27.89 -0.24 0.00	18.44 -0.30 0.00	16.68 -0.24 0.00	18.45 -0.25 0.00	20.96 -0.21 0.00	20.41 -0.18 0.00	19.78 -0.19 0.00	19.10 -0.20 0.00	17.46 -0.25 0.00	17.74 -0.29 0.00	22.55 -0.47 0.00	30.87 -0.66 0.00	31.09 -0.55 0.00	30.97 -0.56 0.00	26.02 -0.51 0.00	18.90 -0.36 0.00	18.42 -0.32 0.00
CARTHAGE___PAPER 23857	18.39 -0.18 0.00	18.38 -0.15 0.00	17.95 -0.40 0.00	17.35 -0.67 0.00	19.42 -0.49 0.00	20.11 -0.12 0.00	24.26 0.03 0.00	28.16 0.03 0.00	18.47 -0.27 0.00	16.47 -0.46 0.00	18.12 -0.59 0.00	20.40 -0.76 0.00	19.50 -1.10 0.00	18.58 -1.39 0.00	17.85 -1.45 0.00	16.57 -1.15 0.00	17.09 -0.94 0.00	22.19 -0.83 0.00	30.87 -0.67 0.00	31.65 0.01 0.00	31.97 0.44 0.00	26.84 0.31 0.00	19.41 0.15 0.00	18.82 0.09 0.00
CASSADAGA_WT_PWR 323784	18.80 0.23 0.00	18.76 0.23 0.00	18.65 0.30 0.00	18.29 0.27 0.00	20.31 0.40 0.00	20.45 0.22 0.00	24.28 0.04 0.00	28.40 0.28 0.00	18.94 0.20 0.00	17.34 0.41 0.00	19.31 0.61 0.00	22.25 1.09 0.00	21.77 1.18 0.00	20.96 0.99 0.00	20.15 0.86 0.00	18.19 0.47 0.00	18.33 0.29 0.00	22.72 -0.30 0.00	30.61 -0.92 0.00	30.84 -0.80 0.00	30.32 -1.21 0.00	25.24 -1.29 0.00	18.53 -0.73 0.00	18.18 -0.55 0.00
CE_DUNWOOD___DRP 24194	19.33 0.75 0.00	19.20 0.67 0.00	18.99 0.64 0.00	18.62 0.60 0.00	20.45 0.54 0.00	20.82 0.58 0.00	25.31 1.07 0.00	29.48 1.29 -0.06	19.88 0.73 -0.41	17.95 0.71 -0.31	19.53 0.83 0.00	22.10 0.94 0.00	21.55 0.96 0.00	20.98 1.01 0.00	20.34 1.04 0.00	18.75 1.03 0.00	19.02 0.97 -0.01	24.25 1.24 0.00	33.13 1.60 0.00	33.26 1.62 0.00	33.03 1.50 0.00	27.71 1.18 0.00	19.97 0.71 0.00	19.46 0.72 0.00
CE_MILLWOOD___DRP 24193	19.30 0.73 0.00	19.17 0.64 0.00	18.97 0.62 0.00	18.59 0.58 0.00	20.43 0.52 0.00	20.80 0.56 0.00	25.28 1.05 0.00	29.43 1.25 -0.06	19.85 0.69 -0.41	17.91 0.68 -0.31	19.50 0.79 0.00	22.06 0.90 0.00	21.51 0.92 0.00	20.94 0.97 0.00	20.30 1.00 0.00	18.71 0.99 0.00	18.99 0.94 -0.01	24.21 1.19 0.00	33.08 1.55 0.00	33.21 1.57 0.00	32.99 1.46 0.00	27.68 1.14 0.00	19.94 0.69 0.00	19.43 0.70 0.00
CE_NYC2_DRP 24202	19.43 0.85 0.00	19.28 0.75 0.00	19.09 0.74 0.00	18.72 0.70 0.00	20.56 0.65 0.00	20.95 0.71 0.00	25.51 1.28 0.00	30.09 1.56 -0.40	20.07 0.91 -0.41	18.14 0.90 -0.31	19.75 1.05 0.00	22.34 1.18 0.00	21.78 1.18 0.00	21.20 1.23 0.00	20.55 1.25 0.00	18.99 1.23 -0.05	19.74 1.19 -0.52	24.52 1.50 0.00	33.42 1.89 0.00	33.51 1.87 0.00	33.29 1.76 0.00	27.93 1.40 0.00	20.12 0.86 0.00	19.61 0.87 0.00
CE_NYC_DRP 24195	19.44 0.86 0.00	19.29 0.76 0.00	19.09 0.75 0.00	18.72 0.71 0.00	20.57 0.66 0.00	20.96 0.72 0.00	25.52 1.29 0.00	30.05 1.57 -0.36	20.05 0.90 -0.41	18.11 0.88 -0.31	19.71 1.01 0.00	22.31 1.15 0.00	21.75 1.15 0.00	21.18 1.21 0.00	20.53 1.23 0.00	18.98 1.22 -0.04	19.66 1.17 -0.45	24.49 1.47 0.00	33.39 1.87 0.00	33.50 1.87 0.00	33.26 1.74 0.00	27.89 1.36 0.00	20.09 0.84 0.00	19.59 0.85 0.00
CHAFFEE___LFGE 323603	18.26 -0.32 0.00	18.27 -0.25 0.00	18.16 -0.19 0.00	17.83 -0.19 0.00	19.80 -0.11 0.00	19.85 -0.38 0.00	23.53 -0.71 0.00	27.52 -0.60 0.00	18.43 -0.31 0.00	16.83 -0.10 0.00	18.72 0.01 0.00	21.60 0.43 0.00	21.17 0.58 0.00	20.37 0.40 0.00	19.60 0.30 0.00	17.74 0.03 0.00	17.86 -0.17 0.00	22.05 -0.97 0.00	29.68 -1.85 0.00	29.96 -1.68 0.00	29.72 -1.81 0.00	24.98 -1.55 0.00	18.43 -0.82 0.00	18.15 -0.59 0.00
CHATEAUG_35_KV_LOAD 355732	18.46 -0.11 0.00	18.60 0.07 0.00	18.54 0.19 0.00	18.31 0.30 0.00	20.36 0.45 0.00	20.81 0.57 0.00	24.69 0.45 0.00	28.68 0.55 0.00	19.13 0.38 0.00	17.07 0.14 0.00	18.75 0.04 0.00	20.95 -0.21 0.00	20.33 -0.26 0.00	19.54 -0.43 0.00	18.84 -0.46 0.00	17.33 -0.38 0.00	17.76 -0.27 0.00	23.00 -0.02 0.00	31.89 0.35 0.00	32.49 0.85 0.00	32.57 1.04 0.00	27.35 0.82 0.00	19.67 0.41 0.00	19.08 0.34 0.00
CHATEAUG_WT_PWR 323614	18.39 -0.18 0.00	18.55 0.02 0.00	18.50 0.15 0.00	18.27 0.25 0.00	20.32 0.41 0.00	20.81 0.57 0.00	24.70 0.46 0.00	28.71 0.59 0.00	19.11 0.37 0.00	17.06 0.13 0.00	18.71 0.01 0.00	20.91 -0.26 0.00	20.29 -0.30 0.00	19.46 -0.51 0.00	18.77 -0.53 0.00	17.26 -0.46 0.00	17.67 -0.36 0.00	22.89 -0.13 0.00	31.81 0.28 0.00	32.54 0.90 0.00	32.63 1.10 0.00	27.37 0.84 0.00	19.64 0.38 0.00	19.06 0.32 0.00
CHAT_HIGH_FALL_HYD 323578	18.46 -0.11 0.00	18.60 0.07 0.00	18.54 0.19 0.00	18.31 0.30 0.00	20.36 0.45 0.00	20.81 0.57 0.00	24.69 0.45 0.00	28.68 0.55 0.00	19.13 0.38 0.00	17.07 0.14 0.00	18.75 0.04 0.00	20.95 -0.21 0.00	20.33 -0.26 0.00	19.54 -0.43 0.00	18.84 -0.46 0.00	17.33 -0.38 0.00	17.76 -0.27 0.00	23.00 -0.02 0.00	31.89 0.35 0.00	32.49 0.85 0.00	32.57 1.04 0.00	27.35 0.82 0.00	19.67 0.41 0.00	19.08 0.34 0.00
CHAUTAUQUA___LFGE 323629	18.53 -0.04 0.00	18.50 -0.03 0.00	18.39 0.05 0.00	18.03 0.02 0.00	20.02 0.11 0.00	20.15 -0.09 0.00	23.88 -0.36 0.00	27.89 -0.23 0.00	18.61 -0.13 0.00	17.05 0.12 0.00	18.98 0.28 0.00	21.87 0.71 0.00	21.42 0.82 0.00	20.63 0.65 0.00	19.85 0.55 0.00	17.96 0.24 0.00	18.09 0.06 0.00	22.38 -0.64 0.00	30.15 -1.39 0.00	30.42 -1.22 0.00	30.03 -1.50 0.00	25.11 -1.42 0.00	18.46 -0.80 0.00	18.16 -0.57 0.00
CHERRYST_13_KV_LD 356241	19.48 0.91 0.00	19.33 0.80 0.00	19.14 0.79 0.00	18.77 0.75 0.00	20.62 0.70 0.00	21.01 0.78 0.00	25.59 1.36 0.00	30.15 1.67 -0.36	20.11 0.96 -0.41	18.17 0.94 -0.31	19.79 1.08 0.00	22.39 1.23 0.00	21.83 1.24 0.00	21.26 1.29 0.00	20.60 1.31 0.00	19.04 1.28 -0.04	19.72 1.24 -0.45	24.57 1.55 0.00	33.49 1.96 0.00	33.60 1.96 0.00	33.35 1.82 0.00	27.96 1.43 0.00	20.14 0.89 0.00	19.63 0.90 0.00

CHESTROR_138KV_BK263 355645	19.14 0.56 0.00	19.02 0.49 0.00	18.82 0.48 0.00	18.46 0.45 0.00	20.31 0.41 0.00	20.65 0.42 0.00	25.05 0.82 0.00	29.09 0.97 0.00	19.24 0.50 0.00	17.41 0.49 0.00	19.26 0.56 0.00	21.80 0.64 0.00	21.26 0.66 0.00	20.69 0.72 0.00	20.05 0.75 0.00	18.46 0.75 0.00	18.74 0.70 0.00	23.92 0.90 0.00	32.71 1.17 0.00	32.86 1.22 0.00	32.66 1.13 0.00	27.41 0.88 0.00	19.78 0.53 0.00	19.28 0.55 0.00
CH_MIDHUDSON___DRP 24192	19.50 0.92 0.00	19.38 0.85 0.00	19.17 0.82 0.00	18.79 0.78 0.00	20.69 0.78 0.00	21.07 0.83 0.00	25.62 1.38 0.00	29.77 1.65 0.00	19.64 0.90 0.00	17.73 0.80 0.00	19.60 0.90 0.00	22.19 1.02 0.00	21.63 1.03 0.00	21.05 1.08 0.00	20.40 1.10 0.00	18.79 1.08 0.00	19.12 1.08 0.00	24.45 1.44 0.00	33.51 1.98 0.00	33.69 2.06 0.00	33.49 1.96 0.00	28.08 1.55 0.00	20.23 0.97 0.00	19.67 0.94 0.00
CH_MISC_IPPS 23765	19.50 0.92 0.00	19.37 0.84 0.00	19.16 0.82 0.00	18.79 0.78 0.00	20.68 0.77 0.00	21.06 0.82 0.00	25.59 1.36 0.00	29.74 1.62 0.00	19.63 0.89 0.00	17.73 0.81 0.00	19.60 0.90 0.00	22.19 1.02 0.00	21.63 1.04 0.00	21.05 1.08 0.00	20.40 1.10 0.00	18.80 1.09 0.00	19.12 1.08 0.00	24.45 1.43 0.00	33.48 1.95 0.00	33.66 2.02 0.00	33.45 1.92 0.00	28.04 1.51 0.00	20.21 0.95 0.00	19.65 0.92 0.00
CH_RES_BVR_FALLS 23983	18.51 -0.06 0.00	18.51 -0.02 0.00	18.29 -0.06 0.00	17.88 -0.13 0.00	19.84 -0.07 0.00	20.21 -0.03 0.00	24.09 -0.14 0.00	28.03 -0.10 0.00	18.77 0.03 0.00	16.93 0.00 0.00	18.71 0.00 0.00	21.07 -0.10 0.00	20.34 -0.26 0.00	19.61 -0.36 0.00	18.92 -0.38 0.00	17.45 -0.26 0.00	17.88 -0.15 0.00	22.95 -0.07 0.00	31.49 -0.04 0.00	31.59 -0.05 0.00	31.53 -0.01 0.00	26.56 0.02 0.00	19.30 0.04 0.00	18.76 0.02 0.00
CH_RES_NIAGARA 23895	17.55 -1.03 0.00	17.60 -0.93 0.00	17.49 -0.85 0.00	17.18 -0.83 0.00	19.08 -0.82 0.00	19.17 -1.07 0.00	22.48 -1.76 0.00	26.21 -1.91 0.00	17.60 -1.14 0.00	16.06 -0.87 0.00	17.87 -0.83 0.00	20.68 -0.49 0.00	20.30 -0.29 0.00	19.50 -0.47 0.00	18.73 -0.57 0.00	16.94 -0.77 0.00	17.02 -1.02 0.00	20.89 -2.13 0.00	27.96 -3.58 0.00	28.20 -3.44 0.00	27.98 -3.55 0.00	23.61 -2.92 0.00	17.52 -1.73 0.00	17.31 -1.43 0.00
CH_RES_SYRACUSE 23985	18.41 -0.16 0.00	18.35 -0.18 0.00	18.18 -0.17 0.00	17.84 -0.18 0.00	19.75 -0.16 0.00	20.09 -0.15 0.00	24.15 -0.09 0.00	28.36 0.24 0.00	18.51 -0.24 0.00	16.73 -0.19 0.00	18.50 -0.20 0.00	21.00 -0.16 0.00	20.45 -0.14 0.00	19.88 -0.08 0.00	19.25 -0.05 0.00	17.54 -0.17 0.00	17.84 -0.20 0.00	22.68 -0.33 0.00	31.09 -0.44 0.00	31.31 -0.33 0.00	31.20 -0.33 0.00	26.20 -0.33 0.00	19.03 -0.23 0.00	18.54 -0.19 0.00
CLINTON_WT_PWR 323605	18.39 -0.18 0.00	18.55 0.02 0.00	18.50 0.15 0.00	18.27 0.25 0.00	20.32 0.41 0.00	20.81 0.57 0.00	24.70 0.46 0.00	28.71 0.59 0.00	19.11 0.37 0.00	17.06 0.13 0.00	18.71 0.01 0.00	20.91 -0.26 0.00	20.29 -0.30 0.00	19.46 -0.51 0.00	18.77 -0.53 0.00	17.26 -0.46 0.00	17.67 -0.36 0.00	22.89 -0.13 0.00	31.81 0.28 0.00	32.54 0.90 0.00	32.63 1.10 0.00	27.37 0.84 0.00	19.64 0.38 0.00	19.06 0.32 0.00
CLINTON___LFGE 323618	18.54 -0.03 0.00	18.76 0.23 0.00	18.71 0.37 0.00	18.50 0.48 0.00	20.59 0.68 0.00	21.17 0.93 0.00	25.18 0.95 0.00	29.28 1.16 0.00	19.38 0.64 0.00	17.27 0.34 0.00	18.88 0.17 0.00	21.07 -0.09 0.00	20.46 -0.14 0.00	19.59 -0.38 0.00	18.92 -0.38 0.00	17.38 -0.34 0.00	17.80 -0.24 0.00	23.12 0.10 0.00	32.32 0.79 0.00	33.24 1.60 0.00	33.35 1.83 0.00	27.93 1.40 0.00	19.98 0.73 0.00	19.36 0.63 0.00
COBBLENY_34_KV_TB1 80064	18.26 -0.32 0.00	18.28 -0.25 0.00	18.16 -0.19 0.00	17.82 -0.19 0.00	19.80 -0.11 0.00	19.86 -0.38 0.00	23.53 -0.71 0.00	27.51 -0.61 0.00	18.44 -0.30 0.00	16.83 -0.10 0.00	18.72 0.01 0.00	21.60 0.44 0.00	21.17 0.58 0.00	20.37 0.40 0.00	19.60 0.30 0.00	17.74 0.03 0.00	17.86 -0.17 0.00	22.05 -0.97 0.00	29.68 -1.85 0.00	29.96 -1.68 0.00	29.72 -1.81 0.00	24.98 -1.55 0.00	18.44 -0.82 0.00	18.15 -0.59 0.00
COFFEEN___115KV_TB3 355620	18.23 -0.34 0.00	18.18 -0.35 0.00	17.74 -0.61 0.00	17.13 -0.89 0.00	19.20 -0.71 0.00	19.91 -0.33 0.00	24.08 -0.15 0.00	27.92 -0.20 0.00	18.20 -0.54 0.00	16.19 -0.73 0.00	17.82 -0.88 0.00	20.10 -1.07 0.00	19.20 -1.39 0.00	18.27 -1.70 0.00	17.56 -1.74 0.00	16.31 -1.40 0.00	16.81 -1.23 0.00	21.78 -1.24 0.00	30.30 -1.23 0.00	31.25 -0.39 0.00	31.70 0.17 0.00	26.60 0.06 0.00	19.22 -0.04 0.00	18.62 -0.11 0.00
COLDSPRG_115KV_BK1 355956	19.00 0.42 0.00	18.96 0.43 0.00	18.84 0.50 0.00	18.48 0.47 0.00	20.54 0.63 0.00	20.66 0.42 0.00	24.51 0.27 0.00	28.67 0.55 0.00	19.11 0.37 0.00	17.49 0.57 0.00	19.51 0.81 0.00	22.49 1.33 0.00	21.99 1.40 0.00	21.19 1.22 0.00	20.39 1.09 0.00	18.42 0.70 0.00	18.49 0.45 0.00	22.94 -0.08 0.00	30.93 -0.60 0.00	31.23 -0.42 0.00	30.87 -0.66 0.00	25.80 -0.73 0.00	18.99 -0.27 0.00	18.71 -0.02 0.00
COLONIE_LFGE___ 323577	18.89 0.32 0.00	18.82 0.29 0.00	18.63 0.28 0.00	18.30 0.28 0.00	20.19 0.28 0.00	20.58 0.35 0.00	24.98 0.74 0.00	28.85 0.81 0.09	18.33 0.29 0.71	16.61 0.21 0.53	18.88 0.17 0.00	21.36 0.19 0.00	20.81 0.22 0.00	20.24 0.27 0.00	19.59 0.29 0.00	18.00 0.28 0.00	18.34 0.31 0.00	23.46 0.45 0.00	32.26 0.73 0.00	32.48 0.84 0.00	32.28 0.75 0.00	27.18 0.65 0.00	19.62 0.36 0.00	19.02 0.29 0.00
COOPERNY_115KV_TB1 80082	18.96 0.39 0.00	18.86 0.33 0.00	18.67 0.33 0.00	18.32 0.30 0.00	20.18 0.28 0.00	20.51 0.28 0.00	24.79 0.56 0.00	28.80 0.68 0.00	19.08 0.34 0.00	17.28 0.35 0.00	19.11 0.41 0.00	21.63 0.47 0.00	21.09 0.49 0.00	20.50 0.53 0.00	19.84 0.55 0.00	18.26 0.54 0.00	18.53 0.49 0.00	23.63 0.61 0.00	32.32 0.79 0.00	32.49 0.84 0.00	32.30 0.77 0.00	27.11 0.58 0.00	19.61 0.35 0.00	19.11 0.38 0.00
COPENHAGEN_WT_PWR 323753	18.14 -0.43 0.00	18.10 -0.43 0.00	17.61 -0.74 0.00	16.94 -1.07 0.00	19.03 -0.88 0.00	19.78 -0.45 0.00	23.91 -0.32 0.00	27.76 -0.36 0.00	18.20 -0.54 0.00	16.25 -0.68 0.00	17.89 -0.81 0.00	20.16 -1.01 0.00	19.21 -1.38 0.00	18.20 -1.77 0.00	17.49 -1.81 0.00	16.28 -1.43 0.00	16.81 -1.23 0.00	21.79 -1.23 0.00	30.32 -1.21 0.00	31.16 -0.48 0.00	31.50 -0.03 0.00	26.44 -0.09 0.00	19.12 -0.14 0.00	18.56 -0.18 0.00
CORNELL_____ 23752	18.75 0.18 0.00	18.66 0.13 0.00	18.51 0.16 0.00	18.18 0.16 0.00	20.17 0.26 0.00	20.49 0.26 0.00	24.66 0.43 0.00	28.79 0.67 0.00	18.88 0.14 0.00	17.03 0.11 0.00	18.77 0.07 0.00	21.27 0.11 0.00	20.71 0.11 0.00	20.06 0.09 0.00	19.37 0.07 0.00	17.66 -0.06 0.00	17.97 -0.07 0.00	22.88 -0.14 0.00	31.52 -0.01 0.00	31.93 0.29 0.00	31.86 0.33 0.00	26.73 0.20 0.00	19.42 0.17 0.00	18.93 0.19 0.00

CORONA__69_KV_TB1 355595	19.50 0.92 0.00	19.39 0.86 0.00	19.20 0.86 0.00	18.77 0.75 0.00	20.55 0.63 0.00	20.86 0.62 0.00	25.25 1.02 0.00	29.39 1.23 -0.04	19.90 0.74 -0.41	18.01 0.78 -0.31	19.77 1.07 0.00	22.46 1.29 0.00	21.90 1.30 0.00	21.25 1.28 0.00	20.58 1.29 0.00	19.01 1.30 0.00	19.21 1.16 -0.01	24.51 1.49 0.00	33.39 1.86 0.00	33.48 1.84 0.00	33.30 1.78 0.00	27.91 1.38 0.00	20.11 0.85 0.00	19.61 0.87 0.00
CORTLAND__115KV_TB3 80093	18.89 0.32 0.00	18.85 0.32 0.00	18.63 0.29 0.00	18.28 0.27 0.00	20.26 0.36 0.00	20.68 0.45 0.00	24.90 0.67 0.00	29.00 0.87 0.00	19.04 0.30 0.00	17.11 0.18 0.00	18.87 0.16 0.00	21.37 0.21 0.00	20.75 0.16 0.00	20.09 0.12 0.00	19.41 0.11 0.00	17.76 0.04 0.00	18.08 0.04 0.00	23.09 0.07 0.00	31.84 0.31 0.00	32.29 0.65 0.00	32.25 0.72 0.00	27.07 0.54 0.00	19.60 0.35 0.00	19.06 0.33 0.00
COXSACKIE__GT 23611	19.46 0.89 0.00	19.42 0.88 0.00	19.22 0.88 0.00	18.92 0.90 0.00	20.85 0.95 0.00	21.31 1.07 0.00	25.89 1.65 0.00	29.86 1.74 0.00	19.55 0.80 0.00	17.33 0.40 0.00	19.14 0.43 0.00	21.39 0.22 0.00	20.78 0.18 0.00	20.22 0.25 0.00	19.57 0.27 0.00	17.99 0.27 0.00	18.38 0.35 0.00	23.67 0.65 0.00	32.97 1.44 0.00	33.51 1.87 0.00	33.42 1.89 0.00	28.06 1.53 0.00	20.22 0.97 0.00	19.56 0.83 0.00
CPV__VALLEY__CC1 323721	19.00 0.43 0.00	18.90 0.37 0.00	18.70 0.36 0.00	18.34 0.33 0.00	20.19 0.28 0.00	20.52 0.29 0.00	24.86 0.62 0.00	28.87 0.75 0.00	19.12 0.38 0.00	17.31 0.38 0.00	19.15 0.44 0.00	21.68 0.51 0.00	21.14 0.54 0.00	20.56 0.59 0.00	19.92 0.62 0.00	18.35 0.63 0.00	18.62 0.58 0.00	23.75 0.73 0.00	32.46 0.93 0.00	32.60 0.96 0.00	32.41 0.88 0.00	27.20 0.67 0.00	19.65 0.39 0.00	19.15 0.42 0.00
CPV__VALLEY__CC2 323722	19.00 0.43 0.00	18.90 0.37 0.00	18.70 0.36 0.00	18.34 0.33 0.00	20.19 0.28 0.00	20.52 0.29 0.00	24.86 0.62 0.00	28.87 0.75 0.00	19.12 0.38 0.00	17.31 0.38 0.00	19.15 0.44 0.00	21.68 0.51 0.00	21.14 0.54 0.00	20.56 0.59 0.00	19.92 0.62 0.00	18.35 0.63 0.00	18.62 0.58 0.00	23.75 0.73 0.00	32.46 0.93 0.00	32.60 0.96 0.00	32.41 0.88 0.00	27.20 0.67 0.00	19.65 0.39 0.00	19.15 0.42 0.00
CRESCENT__HYD 24018	18.89 0.32 0.00	18.82 0.29 0.00	18.63 0.28 0.00	18.30 0.28 0.00	20.19 0.28 0.00	20.58 0.35 0.00	24.98 0.74 0.00	28.85 0.81 0.09	18.33 0.29 0.71	16.61 0.21 0.53	18.88 0.17 0.00	21.36 0.19 0.00	20.81 0.22 0.00	20.24 0.27 0.00	19.59 0.29 0.00	18.00 0.28 0.00	18.34 0.31 0.00	23.46 0.45 0.00	32.26 0.73 0.00	32.48 0.84 0.00	32.28 0.75 0.00	27.18 0.65 0.00	19.62 0.36 0.00	19.02 0.29 0.00
CRICKET__VALLEY_CC1 323756	19.04 0.47 0.00	18.92 0.39 0.00	18.71 0.36 0.00	18.33 0.31 0.00	20.15 0.24 0.00	20.54 0.30 0.00	24.98 0.75 0.00	29.01 0.89 0.00	19.14 0.39 0.00	17.29 0.36 0.00	19.13 0.43 0.00	21.61 0.45 0.00	21.08 0.49 0.00	20.52 0.55 0.00	19.91 0.61 0.00	18.33 0.62 0.00	18.61 0.58 0.00	23.74 0.72 0.00	32.56 1.03 0.00	32.77 1.13 0.00	32.53 1.01 0.00	27.30 0.78 0.00	19.65 0.40 0.00	19.10 0.37 0.00
CRICKET__VALLEY_CC2 323757	19.04 0.47 0.00	18.92 0.39 0.00	18.71 0.36 0.00	18.33 0.31 0.00	20.15 0.24 0.00	20.54 0.30 0.00	24.98 0.75 0.00	29.01 0.89 0.00	19.14 0.39 0.00	17.29 0.36 0.00	19.13 0.43 0.00	21.61 0.45 0.00	21.08 0.49 0.00	20.52 0.55 0.00	19.91 0.61 0.00	18.33 0.62 0.00	18.61 0.58 0.00	23.74 0.72 0.00	32.56 1.03 0.00	32.77 1.13 0.00	32.53 1.01 0.00	27.30 0.78 0.00	19.65 0.40 0.00	19.10 0.37 0.00
CRICKET__VALLEY_CC3 323758	19.04 0.47 0.00	18.92 0.39 0.00	18.71 0.36 0.00	18.33 0.31 0.00	20.15 0.24 0.00	20.54 0.30 0.00	24.98 0.75 0.00	27.84 0.89 1.18	9.45 0.39 9.69	7.47 0.36 9.82	19.13 0.43 0.00	21.61 0.45 0.00	21.08 0.49 0.00	20.52 0.55 0.00	19.91 0.61 0.00	18.33 0.62 0.00	18.61 0.58 0.00	23.74 0.72 0.00	32.56 1.03 0.00	32.77 1.13 0.00	32.53 1.01 0.00	27.30 0.78 0.00	19.65 0.40 0.00	19.10 0.37 0.00
CRUCIBLE__METL_DRP 24180	18.41 -0.16 0.00	18.35 -0.18 0.00	18.18 -0.17 0.00	17.84 -0.18 0.00	19.75 -0.16 0.00	20.09 -0.15 0.00	24.15 -0.09 0.00	28.35 0.23 0.00	18.51 -0.24 0.00	16.73 -0.19 0.00	18.50 -0.20 0.00	21.00 -0.17 0.00	20.45 -0.14 0.00	19.88 -0.08 0.00	19.25 -0.05 0.00	17.54 -0.17 0.00	17.84 -0.20 0.00	22.68 -0.33 0.00	31.09 -0.44 0.00	31.31 -0.33 0.00	31.20 -0.33 0.00	26.20 -0.33 0.00	19.03 -0.22 0.00	18.54 -0.19 0.00
DAHOWA__HYDRO 323763	18.98 0.40 0.00	18.92 0.39 0.00	18.71 0.37 0.00	18.38 0.37 0.00	20.32 0.42 0.00	20.78 0.54 0.00	25.27 1.03 0.00	29.19 1.13 0.07	18.53 0.37 0.58	16.69 0.20 0.43	18.89 0.19 0.00	21.35 0.18 0.00	20.86 0.26 0.00	20.23 0.26 0.00	19.56 0.26 0.00	17.95 0.23 0.00	18.39 0.36 0.00	23.60 0.58 0.00	32.56 1.03 0.00	32.87 1.23 0.00	32.64 1.11 0.00	27.42 0.89 0.00	19.77 0.51 0.00	19.14 0.41 0.00
DANC__LFGE 323619	18.11 -0.46 0.00	18.07 -0.46 0.00	17.68 -0.66 0.00	17.15 -0.87 0.00	19.15 -0.76 0.00	19.74 -0.50 0.00	23.79 -0.44 0.00	27.62 -0.50 0.00	18.17 -0.57 0.00	16.29 -0.64 0.00	17.96 -0.74 0.00	20.29 -0.87 0.00	19.51 -1.08 0.00	18.65 -1.32 0.00	17.96 -1.34 0.00	16.61 -1.11 0.00	17.04 -1.00 0.00	21.93 -1.09 0.00	30.34 -1.19 0.00	30.96 -0.68 0.00	31.14 -0.39 0.00	26.15 -0.38 0.00	18.94 -0.32 0.00	18.40 -0.33 0.00
DANSKAMMER__1 23586	19.50 0.92 0.00	19.37 0.84 0.00	19.16 0.82 0.00	18.79 0.78 0.00	20.68 0.77 0.00	21.06 0.82 0.00	25.59 1.36 0.00	29.74 1.62 0.00	19.63 0.89 0.00	17.73 0.81 0.00	19.60 0.90 0.00	22.19 1.02 0.00	21.63 1.04 0.00	21.05 1.08 0.00	20.40 1.10 0.00	18.80 1.09 0.00	19.12 1.08 0.00	24.45 1.43 0.00	33.48 1.95 0.00	33.66 2.02 0.00	33.45 1.92 0.00	28.04 1.51 0.00	20.21 0.95 0.00	19.65 0.92 0.00
DANSKAMMER__2 23589	19.50 0.92 0.00	19.37 0.84 0.00	19.16 0.82 0.00	18.79 0.78 0.00	20.68 0.77 0.00	21.06 0.82 0.00	25.59 1.36 0.00	29.74 1.62 0.00	19.63 0.89 0.00	17.73 0.81 0.00	19.60 0.90 0.00	22.19 1.02 0.00	21.63 1.04 0.00	21.05 1.08 0.00	20.40 1.10 0.00	18.80 1.09 0.00	19.12 1.08 0.00	24.45 1.43 0.00	33.48 1.95 0.00	33.66 2.02 0.00	33.45 1.92 0.00	28.04 1.51 0.00	20.21 0.95 0.00	19.65 0.92 0.00
DANSKAMMER__3 23590	19.50 0.92 0.00	19.37 0.84 0.00	19.16 0.82 0.00	18.79 0.78 0.00	20.68 0.77 0.00	21.06 0.82 0.00	25.59 1.36 0.00	29.74 1.62 0.00	19.63 0.89 0.00	17.73 0.81 0.00	19.60 0.90 0.00	22.19 1.02 0.00	21.63 1.04 0.00	21.05 1.08 0.00	20.40 1.10 0.00	18.80 1.09 0.00	19.12 1.08 0.00	24.45 1.43 0.00	33.48 1.95 0.00	33.66 2.02 0.00	33.45 1.92 0.00	28.04 1.51 0.00	20.21 0.95 0.00	19.65 0.92 0.00

DANSKAMMER___4 23591	19.50 0.92 0.00	19.37 0.84 0.00	19.16 0.82 0.00	18.79 0.78 0.00	20.68 0.77 0.00	21.06 0.82 0.00	25.59 1.36 0.00	29.74 1.62 0.00	19.63 0.89 0.00	17.73 0.81 0.00	19.60 0.90 0.00	22.19 1.02 0.00	21.63 1.04 0.00	21.05 1.08 0.00	20.40 1.10 0.00	18.80 1.09 0.00	19.12 1.08 0.00	24.45 1.43 0.00	33.48 1.95 0.00	33.66 2.02 0.00	33.45 1.92 0.00	28.04 1.51 0.00	20.21 0.95 0.00	19.65 0.92 0.00
DANSKAMMER___DIESEL 23592	19.50 0.92 0.00	19.37 0.84 0.00	19.17 0.82 0.00	18.79 0.78 0.00	20.68 0.77 0.00	21.06 0.82 0.00	25.59 1.36 0.00	29.74 1.62 0.00	19.63 0.89 0.00	17.73 0.81 0.00	19.60 0.90 0.00	22.19 1.02 0.00	21.63 1.04 0.00	21.06 1.08 0.00	20.40 1.10 0.00	18.80 1.09 0.00	19.12 1.08 0.00	24.45 1.43 0.00	33.48 1.95 0.00	33.65 2.01 0.00	33.45 1.92 0.00	28.04 1.51 0.00	20.20 0.95 0.00	19.65 0.92 0.00
DARBY___SOLAR 323810	19.00 0.42 0.00	18.93 0.40 0.00	18.73 0.39 0.00	18.40 0.38 0.00	20.34 0.43 0.00	20.78 0.54 0.00	25.24 1.01 0.00	29.15 1.10 0.07	18.52 0.38 0.60	16.69 0.21 0.45	18.90 0.19 0.00	21.36 0.20 0.00	20.86 0.26 0.00	20.24 0.27 0.00	19.58 0.28 0.00	17.97 0.25 0.00	18.40 0.37 0.00	23.61 0.59 0.00	32.56 1.03 0.00	32.85 1.21 0.00	32.63 1.10 0.00	27.42 0.88 0.00	19.77 0.52 0.00	19.15 0.42 0.00
DASHVILLE___HYD 23610	19.40 0.83 0.00	19.29 0.76 0.00	19.08 0.73 0.00	18.70 0.68 0.00	20.57 0.66 0.00	20.92 0.68 0.00	25.41 1.18 0.00	29.56 1.44 0.00	19.55 0.80 0.00	17.67 0.75 0.00	19.56 0.85 0.00	22.13 0.97 0.00	21.58 0.98 0.00	21.02 1.05 0.00	20.37 1.07 0.00	18.76 1.04 0.00	19.04 1.01 0.00	24.31 1.30 0.00	33.28 1.76 0.00	33.43 1.79 0.00	33.23 1.70 0.00	27.86 1.33 0.00	20.08 0.83 0.00	19.54 0.81 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	166.51 0.95 -146.99	32.70 1.19 -12.98	250.62 1.22 -231.06	19.22 1.09 -0.11	28.35 0.96 -7.48	54.08 0.88 -32.96	256.95 1.20 -231.52	42.63 1.51 -13.00	19.64 0.97 0.07	17.85 0.98 0.05	20.06 1.36 0.00	22.81 1.64 0.00	22.20 1.61 0.00	21.61 1.64 0.00	20.86 1.56 0.00	19.28 1.56 0.00	19.27 1.22 -0.01	25.37 1.64 -0.71	214.15 1.83 -180.80	181.06 1.79 -147.64	173.89 2.14 -140.22	85.42 1.84 -57.05	20.38 1.12 0.00	20.01 1.28 0.00
DELAWARE___LFGE 323621	18.91 0.33 0.00	18.82 0.29 0.00	18.65 0.31 0.00	18.32 0.30 0.00	20.26 0.35 0.00	20.60 0.36 0.00	24.78 0.55 0.00	28.80 0.68 0.00	19.11 0.37 0.00	17.30 0.37 0.00	19.13 0.43 0.00	21.67 0.51 0.00	21.09 0.50 0.00	20.44 0.47 0.00	19.73 0.43 0.00	18.09 0.37 0.00	18.37 0.34 0.00	23.41 0.39 0.00	32.09 0.55 0.00	32.32 0.67 0.00	32.17 0.64 0.00	27.00 0.47 0.00	19.59 0.33 0.00	19.11 0.37 0.00
DERFIELD_115KV_TB7 355931	18.60 0.02 0.00	18.55 0.01 0.00	18.35 0.01 0.00	18.01 0.00 0.00	19.89 -0.02 0.00	20.24 0.00 0.00	24.34 0.10 0.00	28.22 0.10 0.00	18.76 0.02 0.00	16.93 0.01 0.00	18.70 0.00 0.00	21.17 0.01 0.00	20.60 0.00 0.00	19.99 0.02 0.00	19.32 0.02 0.00	17.74 0.02 0.00	18.06 0.02 0.00	23.06 0.05 0.00	31.63 0.09 0.00	31.77 0.13 0.00	31.64 0.11 0.00	26.61 0.08 0.00	19.28 0.03 0.00	18.76 0.02 0.00
DOGLEVILLE___HYD 23807	18.14 -0.44 0.00	18.05 -0.47 0.00	17.88 -0.47 0.00	17.59 -0.42 0.00	19.40 -0.51 0.00	19.79 -0.45 0.00	24.13 -0.10 0.00	27.94 -0.19 0.00	18.33 -0.42 0.00	16.43 -0.49 0.00	18.06 -0.64 0.00	20.39 -0.77 0.00	19.84 -0.76 0.00	19.26 -0.71 0.00	18.58 -0.72 0.00	17.07 -0.64 0.00	17.37 -0.66 0.00	22.32 -0.70 0.00	31.02 -0.51 0.00	31.41 -0.23 0.00	31.35 -0.18 0.00	26.31 -0.22 0.00	18.95 -0.31 0.00	18.35 -0.38 0.00
DUNKIRK___115KV_TB_200 55889	18.49 -0.08 0.00	18.46 -0.07 0.00	18.35 0.01 0.00	18.00 -0.02 0.00	19.98 0.07 0.00	20.11 -0.12 0.00	23.82 -0.42 0.00	27.82 -0.30 0.00	18.58 -0.16 0.00	17.01 0.09 0.00	18.95 0.24 0.00	21.83 0.66 0.00	21.37 0.78 0.00	20.59 0.61 0.00	19.82 0.52 0.00	17.93 0.21 0.00	18.06 0.03 0.00	22.34 -0.68 0.00	30.09 -1.44 0.00	30.36 -1.28 0.00	29.99 -1.54 0.00	25.09 -1.44 0.00	18.46 -0.79 0.00	18.17 -0.57 0.00
DUNKIRK___1 23563	18.49 -0.08 0.00	18.46 -0.07 0.00	18.35 0.01 0.00	18.00 -0.02 0.00	19.98 0.07 0.00	20.11 -0.12 0.00	23.82 -0.42 0.00	27.82 -0.30 0.00	18.58 -0.16 0.00	17.01 0.09 0.00	18.95 0.24 0.00	21.83 0.66 0.00	21.37 0.78 0.00	20.59 0.61 0.00	19.82 0.52 0.00	17.93 0.21 0.00	18.06 0.03 0.00	22.34 -0.68 0.00	30.09 -1.44 0.00	30.36 -1.28 0.00	29.99 -1.54 0.00	25.09 -1.44 0.00	18.46 -0.79 0.00	18.17 -0.57 0.00
DUNKIRK___2 23564	18.49 -0.08 0.00	18.46 -0.07 0.00	18.35 0.01 0.00	18.00 -0.02 0.00	19.98 0.07 0.00	20.11 -0.12 0.00	23.82 -0.42 0.00	27.82 -0.30 0.00	18.58 -0.16 0.00	17.01 0.09 0.00	18.95 0.24 0.00	21.83 0.66 0.00	21.37 0.78 0.00	20.59 0.61 0.00	19.82 0.52 0.00	17.93 0.21 0.00	18.06 0.03 0.00	22.34 -0.68 0.00	30.09 -1.44 0.00	30.36 -1.28 0.00	29.99 -1.54 0.00	25.09 -1.44 0.00	18.46 -0.79 0.00	18.17 -0.57 0.00
DUNKIRK___3 23565	18.37 -0.20 0.00	18.35 -0.18 0.00	18.24 -0.10 0.00	17.89 -0.12 0.00	19.86 -0.05 0.00	19.99 -0.25 0.00	23.64 -0.60 0.00	27.60 -0.52 0.00	18.46 -0.28 0.00	16.89 -0.03 0.00	18.82 0.11 0.00	21.69 0.53 0.00	21.24 0.64 0.00	20.46 0.49 0.00	19.70 0.40 0.00	17.82 0.10 0.00	17.94 -0.09 0.00	22.18 -0.84 0.00	29.87 -1.66 0.00	30.14 -1.50 0.00	29.81 -1.72 0.00	24.98 -1.55 0.00	18.41 -0.85 0.00	18.12 -0.61 0.00
DUNKIRK___4 23566	18.37 -0.20 0.00	18.35 -0.18 0.00	18.24 -0.10 0.00	17.89 -0.12 0.00	19.86 -0.05 0.00	19.99 -0.25 0.00	23.64 -0.60 0.00	27.60 -0.52 0.00	18.46 -0.28 0.00	16.89 -0.03 0.00	18.82 0.11 0.00	21.69 0.53 0.00	21.24 0.64 0.00	20.46 0.49 0.00	19.70 0.40 0.00	17.82 0.10 0.00	17.94 -0.09 0.00	22.18 -0.84 0.00	29.87 -1.66 0.00	30.14 -1.50 0.00	29.81 -1.72 0.00	24.98 -1.55 0.00	18.41 -0.85 0.00	18.12 -0.61 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.36 0.79 0.00	19.22 0.69 0.00	19.00 0.65 0.00	18.62 0.61 0.00	20.47 0.56 0.00	20.84 0.60 0.00	25.34 1.10 0.00	29.50 1.33 -0.05	19.91 0.76 -0.41	17.98 0.75 -0.31	19.58 0.88 0.00	22.16 0.99 0.00	21.60 1.01 0.00	21.03 1.06 0.00	20.38 1.08 0.00	18.79 1.07 0.00	19.05 1.02 0.00	24.31 1.29 0.00	33.19 1.67 0.00	33.32 1.68 0.00	33.10 1.57 0.00	27.76 1.23 0.00	20.00 0.74 0.00	19.49 0.76 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.28 0.71 0.00	19.16 0.63 0.00	18.96 0.61 0.00	18.59 0.57 0.00	20.45 0.55 0.00	20.81 0.57 0.00	25.26 1.02 0.00	29.34 1.22 0.00	19.40 0.65 0.00	17.54 0.61 0.00	19.39 0.69 0.00	21.95 0.78 0.00	21.40 0.80 0.00	20.83 0.86 0.00	20.18 0.89 0.00	18.59 0.88 0.00	18.88 0.85 0.00	24.12 1.10 0.00	33.01 1.48 0.00	33.17 1.53 0.00	32.98 1.45 0.00	27.67 1.14 0.00	19.95 0.69 0.00	19.43 0.69 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	19.41 0.84 0.00	19.29 0.76 0.00	19.11 0.76 0.00	18.74 0.73 0.00	20.59 0.67 0.00	20.98 0.74 0.00	25.54 1.31 0.00	30.08 1.55 -0.40	20.02 0.86 -0.41	18.09 0.86 -0.31	19.65 0.94 0.00	22.23 1.07 0.00	21.68 1.09 0.00	21.10 1.13 0.00	20.45 1.15 0.00	18.88 1.12 -0.04	19.63 1.07 -0.52	24.41 1.39 0.00	33.28 1.75 0.00	33.36 1.72 0.00	33.21 1.68 0.00	27.86 1.32 0.00	20.05 0.79 0.00	19.54 0.81 0.00
E179THST_13_KV_LOAD 356214	19.49 0.91 0.00	19.36 0.83 0.00	19.18 0.83 0.00	18.81 0.79 0.00	20.65 0.75 0.00	21.06 0.82 0.00	25.64 1.41 0.00	30.20 1.68 -0.40	20.10 0.95 -0.41	18.17 0.93 -0.31	19.73 1.03 0.00	22.33 1.17 0.00	21.79 1.19 0.00	21.20 1.23 0.00	20.55 1.25 0.00	18.97 1.21 -0.04	19.72 1.17 -0.52	24.53 1.51 0.00	33.43 1.90 0.00	33.53 1.89 0.00	33.36 1.83 0.00	27.98 1.45 0.00	20.14 0.88 0.00	19.62 0.89 0.00
EAST HAMPTON___GT 23717	166.19 0.65 -146.96	32.72 1.21 -12.98	250.66 1.30 -231.02	19.32 1.20 -0.11	28.47 1.08 -7.48	54.16 0.97 -32.96	256.87 1.16 -231.48	42.68 1.57 -13.00	19.68 1.01 0.07	17.89 1.02 0.05	20.14 1.44 0.00	22.95 1.78 0.00	22.35 1.76 0.00	21.72 1.75 0.00	20.93 1.64 0.00	19.30 1.58 0.00	19.14 1.09 -0.01	25.22 1.49 -0.71	213.74 1.45 -180.76	180.76 1.51 -147.61	173.99 2.27 -140.19	85.60 2.03 -57.04	20.49 1.24 0.00	20.11 1.38 0.00
EAST RIVER___6 23660	19.49 0.91 0.00	19.34 0.81 0.00	19.14 0.79 0.00	18.77 0.76 0.00	20.62 0.71 0.00	21.02 0.78 0.00	25.59 1.36 0.00	30.15 1.67 -0.36	20.12 0.97 -0.41	18.19 0.95 -0.31	19.80 1.10 0.00	22.40 1.24 0.00	21.85 1.25 0.00	21.27 1.31 0.00	20.62 1.32 0.00	19.06 1.30 -0.04	19.74 1.26 -0.45	24.59 1.57 0.00	33.52 1.99 0.00	33.63 1.99 0.00	33.38 1.85 0.00	27.99 1.45 0.00	20.16 0.90 0.00	19.64 0.91 0.00
EAST RIVER___7 23524	19.49 0.91 0.00	19.34 0.81 0.00	19.14 0.79 0.00	18.77 0.76 0.00	20.62 0.71 0.00	21.02 0.78 0.00	25.59 1.36 0.00	30.15 1.67 -0.36	20.12 0.97 -0.41	18.19 0.95 -0.31	19.80 1.10 0.00	22.40 1.24 0.00	21.85 1.25 0.00	21.27 1.31 0.00	20.62 1.32 0.00	19.06 1.30 -0.04	19.74 1.26 -0.45	24.59 1.57 0.00	33.52 1.99 0.00	33.63 1.99 0.00	33.38 1.85 0.00	27.99 1.45 0.00	20.16 0.90 0.00	19.64 0.91 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.33 0.75 0.00	19.20 0.67 0.00	18.99 0.64 0.00	18.62 0.60 0.00	20.45 0.54 0.00	20.82 0.58 0.00	25.31 1.07 0.00	29.48 1.29 -0.06	19.88 0.73 -0.41	17.95 0.71 -0.31	19.53 0.83 0.00	22.10 0.94 0.00	21.55 0.96 0.00	20.98 1.01 0.00	20.34 1.04 0.00	18.75 1.03 0.00	19.02 0.97 -0.01	24.25 1.24 0.00	33.13 1.60 0.00	33.26 1.62 0.00	33.03 1.50 0.00	27.71 1.18 0.00	19.97 0.71 0.00	19.46 0.72 0.00
EAST_HAMPTON___DIESEL 23722	166.16 0.63 -146.97	32.70 1.19 -12.98	250.66 1.29 -231.02	19.32 1.19 -0.11	28.46 1.07 -7.48	54.16 0.96 -32.96	256.86 1.14 -231.48	42.67 1.55 -13.00	19.67 1.00 0.07	17.87 1.00 0.05	20.14 1.43 0.00	22.95 1.78 0.00	22.35 1.76 0.00	21.71 1.75 0.00	20.93 1.63 0.00	19.29 1.57 0.00	19.10 1.05 -0.01	25.17 1.44 -0.71	213.69 1.39 -180.76	180.70 1.45 -147.61	173.95 2.22 -140.20	85.60 2.03 -57.04	20.50 1.24 0.00	20.11 1.38 0.00
EAST_POINT___SOLAR 323840	19.56 0.99 0.00	19.54 1.01 0.00	19.36 1.02 0.00	19.01 1.00 0.00	21.07 1.16 0.00	21.42 1.19 0.00	25.50 1.27 0.00	29.65 1.53 0.00	19.74 0.99 0.00	17.84 0.92 0.00	19.76 1.06 0.00	22.34 1.18 0.00	21.69 1.09 0.00	20.94 0.97 0.00	20.07 0.77 0.00	18.37 0.65 0.00	18.68 0.65 0.00	23.87 0.85 0.00	32.87 1.34 0.00	33.29 1.65 0.00	33.30 1.77 0.00	27.96 1.43 0.00	20.42 1.16 0.00	19.90 1.16 0.00
EAST_PULASKI___ESR 323781	18.13 -0.44 0.00	18.08 -0.45 0.00	17.81 -0.54 0.00	17.40 -0.61 0.00	19.32 -0.59 0.00	19.75 -0.48 0.00	23.76 -0.48 0.00	27.56 -0.56 0.00	18.20 -0.55 0.00	16.37 -0.55 0.00	18.07 -0.63 0.00	20.48 -0.69 0.00	19.84 -0.76 0.00	19.13 -0.85 0.00	18.46 -0.84 0.00	16.97 -0.75 0.00	17.31 -0.73 0.00	22.12 -0.89 0.00	30.46 -1.07 0.00	30.87 -0.77 0.00	30.89 -0.64 0.00	25.95 -0.58 0.00	18.82 -0.44 0.00	18.31 -0.42 0.00
EAST_RIVER___1 323558	19.44 0.86 0.00	19.29 0.76 0.00	19.09 0.74 0.00	18.73 0.71 0.00	20.57 0.66 0.00	20.96 0.72 0.00	25.51 1.28 0.00	30.04 1.57 -0.36	20.05 0.89 -0.41	18.11 0.87 -0.31	19.71 1.01 0.00	22.31 1.15 0.00	21.75 1.15 0.00	21.18 1.21 0.00	20.53 1.24 0.00	18.98 1.22 -0.04	19.66 1.17 -0.45	24.49 1.47 0.00	33.39 1.87 0.00	33.51 1.87 0.00	33.27 1.74 0.00	27.89 1.36 0.00	20.09 0.84 0.00	19.59 0.85 0.00
EAST_RIVER___2 323559	19.49 0.91 0.00	19.34 0.81 0.00	19.14 0.79 0.00	18.77 0.76 0.00	20.62 0.71 0.00	21.02 0.78 0.00	25.59 1.36 0.00	30.15 1.67 -0.36	20.12 0.97 -0.41	18.19 0.95 -0.31	19.80 1.10 0.00	22.40 1.24 0.00	21.85 1.25 0.00	21.27 1.31 0.00	20.62 1.32 0.00	19.06 1.30 -0.04	19.74 1.26 -0.45	24.59 1.57 0.00	33.52 1.99 0.00	33.63 1.99 0.00	33.38 1.85 0.00	27.99 1.45 0.00	20.16 0.90 0.00	19.64 0.91 0.00
EAST___DELAWARE_HYD 23607	19.18 0.60 0.00	19.06 0.54 0.00	18.87 0.52 0.00	18.51 0.49 0.00	20.38 0.47 0.00	20.74 0.50 0.00	25.18 0.95 0.00	29.29 1.16 0.00	19.33 0.58 0.00	17.44 0.51 0.00	19.25 0.55 0.00	21.79 0.62 0.00	21.25 0.65 0.00	20.66 0.69 0.00	20.02 0.73 0.00	18.45 0.73 0.00	18.73 0.70 0.00	23.97 0.95 0.00	32.93 1.40 0.00	33.16 1.52 0.00	32.97 1.44 0.00	27.63 1.10 0.00	19.92 0.66 0.00	19.39 0.66 0.00
EIGHT_POINT___WT_PWR 323820	18.22 -0.35 0.00	18.21 -0.32 0.00	18.09 -0.25 0.00	17.83 -0.18 0.00	19.90 -0.01 0.00	20.14 -0.09 0.00	24.06 -0.17 0.00	28.07 -0.05 0.00	18.65 -0.09 0.00	16.97 0.05 0.00	18.71 0.01 0.00	21.29 0.13 0.00	20.79 0.19 0.00	20.10 0.13 0.00	19.42 0.12 0.00	17.63 -0.09 0.00	17.87 -0.16 0.00	22.40 -0.62 0.00	30.44 -1.09 0.00	30.68 -0.96 0.00	30.66 -0.87 0.00	25.56 -0.97 0.00	18.74 -0.52 0.00	18.25 -0.48 0.00
ELBRIDGE_115KV_TB2 80188	18.34 -0.24 0.00	18.25 -0.28 0.00	18.10 -0.25 0.00	17.77 -0.25 0.00	19.68 -0.22 0.00	19.98 -0.26 0.00	24.03 -0.21 0.00	28.45 0.32 0.00	18.39 -0.35 0.00	16.63 -0.29 0.00	18.39 -0.32 0.00	20.87 -0.29 0.00	20.33 -0.26 0.00	19.83 -0.14 0.00	19.24 -0.06 0.00	17.46 -0.26 0.00	17.76 -0.28 0.00	22.55 -0.47 0.00	30.88 -0.66 0.00	31.10 -0.54 0.00	30.99 -0.53 0.00	26.02 -0.51 0.00	18.93 -0.33 0.00	18.45 -0.28 0.00
ELEC_TRO_TEK 24086	19.40 0.83 0.00	19.31 0.78 0.00	19.12 0.77 0.00	18.68 0.67 0.00	20.45 0.54 0.00	20.78 0.54 0.00	25.18 0.95 0.00	29.31 1.15 -0.04	19.83 0.67 -0.41	17.94 0.71 -0.31	19.69 0.99 0.00	22.36 1.19 0.00	21.81 1.21 0.00	21.18 1.21 0.00	20.52 1.22 0.00	18.95 1.23 0.00	19.14 1.09 -0.01	24.41 1.39 0.00	33.28 1.75 0.00	33.37 1.73 0.00	33.18 1.65 0.00	27.79 1.26 0.00	20.02 0.76 0.00	19.53 0.79 0.00

ELLENBURG_WT_PWR 323604	18.39 -0.18 0.00	18.55 0.02 0.00	18.50 0.15 0.00	18.27 0.25 0.00	20.32 0.41 0.00	20.81 0.57 0.00	24.70 0.46 0.00	28.71 0.59 0.00	19.11 0.37 0.00	17.06 0.13 0.00	18.71 0.01 0.00	20.91 -0.26 0.00	20.29 -0.30 0.00	19.46 -0.51 0.00	18.77 -0.53 0.00	17.26 -0.46 0.00	17.67 -0.36 0.00	22.89 -0.13 0.00	31.81 0.28 0.00	32.54 0.90 0.00	32.63 1.10 0.00	27.37 0.84 0.00	19.64 0.38 0.00	19.06 0.32 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.03 -0.54 0.00	18.07 -0.46 0.00	17.96 -0.39 0.00	17.63 -0.39 0.00	19.58 -0.33 0.00	19.69 -0.55 0.00	23.20 -1.04 0.00	27.11 -1.02 0.00	18.19 -0.55 0.00	16.60 -0.32 0.00	18.49 -0.21 0.00	21.35 0.18 0.00	20.93 0.34 0.00	20.14 0.17 0.00	19.37 0.07 0.00	17.53 -0.19 0.00	17.64 -0.40 0.00	21.73 -1.29 0.00	29.18 -2.35 0.00	29.44 -2.20 0.00	29.19 -2.34 0.00	24.56 -1.97 0.00	18.15 -1.10 0.00	17.89 -0.85 0.00
EMPIRE_CC_1 323656	18.88 0.30 0.00	18.81 0.28 0.00	18.61 0.26 0.00	18.28 0.27 0.00	20.15 0.24 0.00	20.51 0.27 0.00	24.87 0.63 0.00	28.74 0.67 0.05	18.60 0.28 0.42	16.83 0.22 0.32	18.90 0.19 0.00	21.39 0.22 0.00	20.83 0.23 0.00	20.27 0.30 0.00	19.63 0.33 0.00	18.03 0.31 0.00	18.35 0.32 0.00	23.45 0.43 0.00	32.19 0.66 0.00	32.37 0.72 0.00	32.17 0.65 0.00	27.08 0.55 0.00	19.56 0.30 0.00	19.00 0.26 0.00
EMPIRE_CC_2 323658	18.88 0.30 0.00	18.81 0.28 0.00	18.61 0.26 0.00	18.28 0.27 0.00	20.15 0.24 0.00	20.51 0.27 0.00	24.87 0.63 0.00	28.74 0.67 0.05	18.60 0.28 0.42	16.83 0.22 0.32	18.90 0.19 0.00	21.39 0.22 0.00	20.83 0.23 0.00	20.27 0.30 0.00	19.63 0.33 0.00	18.03 0.31 0.00	18.35 0.32 0.00	23.45 0.43 0.00	32.19 0.66 0.00	32.37 0.72 0.00	32.17 0.65 0.00	27.08 0.55 0.00	19.56 0.30 0.00	19.00 0.26 0.00
ENORWICH_115KV_TB1 80156	19.34 0.76 0.00	19.22 0.69 0.00	19.10 0.75 0.00	18.87 0.85 0.00	21.08 1.17 0.00	21.52 1.28 0.00	26.04 1.81 0.00	30.32 2.20 0.00	19.76 1.02 0.00	17.68 0.75 0.00	19.35 0.65 0.00	21.75 0.58 0.00	21.09 0.49 0.00	20.27 0.30 0.00	19.53 0.23 0.00	17.82 0.10 0.00	18.21 0.18 0.00	23.47 0.45 0.00	32.87 1.34 0.00	33.63 1.99 0.00	33.60 2.07 0.00	28.18 1.65 0.00	20.42 1.16 0.00	19.90 1.16 0.00
ERIE_ST__34_KV_TB1-2 80199	18.31 -0.26 0.00	18.32 -0.21 0.00	18.19 -0.15 0.00	17.86 -0.15 0.00	19.84 -0.07 0.00	19.95 -0.28 0.00	23.58 -0.66 0.00	27.57 -0.55 0.00	18.50 -0.24 0.00	16.88 -0.04 0.00	18.78 0.08 0.00	21.68 0.52 0.00	21.24 0.64 0.00	20.43 0.46 0.00	19.65 0.35 0.00	17.79 0.07 0.00	17.90 -0.13 0.00	22.11 -0.90 0.00	29.76 -1.77 0.00	30.04 -1.60 0.00	29.79 -1.73 0.00	25.04 -1.50 0.00	18.48 -0.77 0.00	18.20 -0.53 0.00
ERIE_WT_PWR 323693	18.15 -0.42 0.00	18.17 -0.36 0.00	18.06 -0.29 0.00	17.73 -0.28 0.00	19.69 -0.22 0.00	19.81 -0.43 0.00	23.37 -0.87 0.00	27.32 -0.80 0.00	18.32 -0.42 0.00	16.73 -0.20 0.00	18.62 -0.08 0.00	21.49 0.32 0.00	21.06 0.46 0.00	20.26 0.29 0.00	19.48 0.19 0.00	17.65 -0.07 0.00	17.76 -0.27 0.00	21.90 -1.12 0.00	29.43 -2.10 0.00	29.68 -1.96 0.00	29.46 -2.07 0.00	24.77 -1.76 0.00	18.28 -0.98 0.00	18.00 -0.73 0.00
ESPRGFLD_115KV_TB1 80157	19.42 0.85 0.00	19.37 0.84 0.00	19.21 0.86 0.00	18.86 0.85 0.00	20.93 1.02 0.00	21.28 1.04 0.00	25.38 1.14 0.00	29.50 1.38 0.00	19.66 0.92 0.00	17.79 0.87 0.00	19.72 1.02 0.00	22.31 1.15 0.00	21.66 1.07 0.00	20.91 0.94 0.00	20.07 0.77 0.00	18.35 0.64 0.00	18.65 0.62 0.00	23.80 0.78 0.00	32.68 1.15 0.00	33.05 1.41 0.00	33.03 1.50 0.00	27.72 1.19 0.00	20.21 0.95 0.00	19.72 0.99 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.75 0.18 0.00	18.66 0.13 0.00	18.51 0.16 0.00	18.18 0.16 0.00	20.17 0.26 0.00	20.49 0.26 0.00	24.66 0.43 0.00	28.79 0.67 0.00	18.88 0.14 0.00	17.03 0.11 0.00	18.77 0.07 0.00	21.27 0.11 0.00	20.71 0.11 0.00	20.06 0.09 0.00	19.37 0.07 0.00	17.66 -0.06 0.00	17.97 -0.07 0.00	22.88 -0.14 0.00	31.52 -0.01 0.00	31.93 0.29 0.00	31.85 0.32 0.00	26.72 0.19 0.00	19.42 0.16 0.00	18.92 0.19 0.00
ETNA____115KV_TB2 80207	18.75 0.18 0.00	18.66 0.13 0.00	18.51 0.16 0.00	18.18 0.16 0.00	20.17 0.26 0.00	20.49 0.26 0.00	24.66 0.43 0.00	28.79 0.67 0.00	18.88 0.14 0.00	17.03 0.11 0.00	18.77 0.07 0.00	21.27 0.11 0.00	20.71 0.11 0.00	20.06 0.09 0.00	19.37 0.07 0.00	17.66 -0.06 0.00	17.97 -0.07 0.00	22.88 -0.14 0.00	31.52 -0.01 0.00	31.93 0.29 0.00	31.85 0.32 0.00	26.72 0.19 0.00	19.42 0.16 0.00	18.92 0.19 0.00
EUCLID__115KV_TB2 356179	18.21 -0.37 0.00	18.15 -0.38 0.00	17.98 -0.37 0.00	17.64 -0.38 0.00	19.52 -0.38 0.00	19.84 -0.40 0.00	23.81 -0.43 0.00	27.71 -0.41 0.00	18.35 -0.40 0.00	16.59 -0.34 0.00	18.35 -0.36 0.00	20.84 -0.33 0.00	20.30 -0.30 0.00	19.67 -0.30 0.00	18.99 -0.31 0.00	17.37 -0.35 0.00	17.65 -0.38 0.00	22.43 -0.59 0.00	30.71 -0.82 0.00	30.92 -0.72 0.00	30.80 -0.73 0.00	25.88 -0.65 0.00	18.80 -0.45 0.00	18.33 -0.41 0.00
E_CANADA_CAP_HY 24051	19.55 0.97 0.00	19.53 1.00 0.00	19.35 1.01 0.00	19.01 0.99 0.00	21.06 1.15 0.00	21.41 1.17 0.00	25.47 1.24 0.00	29.60 1.48 0.00	19.72 0.98 0.00	17.84 0.91 0.00	19.76 1.06 0.00	22.34 1.17 0.00	21.68 1.09 0.00	20.94 0.96 0.00	20.06 0.76 0.00	18.36 0.64 0.00	18.67 0.63 0.00	23.85 0.83 0.00	32.83 1.30 0.00	33.23 1.59 0.00	33.24 1.71 0.00	27.93 1.40 0.00	20.38 1.12 0.00	19.87 1.14 0.00
E_CANADA_MHWK_HY 24050	18.14 -0.44 0.00	18.05 -0.47 0.00	17.88 -0.47 0.00	17.59 -0.42 0.00	19.40 -0.51 0.00	19.79 -0.45 0.00	24.13 -0.10 0.00	27.94 -0.19 0.00	18.33 -0.42 0.00	16.43 -0.49 0.00	18.06 -0.64 0.00	20.39 -0.77 0.00	19.84 -0.76 0.00	19.26 -0.71 0.00	18.58 -0.72 0.00	17.07 -0.64 0.00	17.37 -0.66 0.00	22.32 -0.70 0.00	31.02 -0.51 0.00	31.41 -0.23 0.00	31.35 -0.18 0.00	26.31 -0.22 0.00	18.95 -0.31 0.00	18.35 -0.38 0.00
E_FISHKILL__LBMP 23776	19.19 0.61 0.00	19.07 0.54 0.00	18.87 0.52 0.00	18.50 0.48 0.00	20.34 0.43 0.00	20.70 0.46 0.00	25.14 0.91 0.00	29.26 1.09 -0.05	19.72 0.58 -0.41	17.79 0.55 -0.31	19.35 0.65 0.00	21.89 0.72 0.00	21.34 0.75 0.00	20.78 0.81 0.00	20.14 0.84 0.00	18.55 0.83 0.00	18.82 0.79 0.00	24.01 1.00 0.00	32.85 1.32 0.00	33.00 1.36 0.00	32.78 1.25 0.00	27.51 0.98 0.00	19.83 0.57 0.00	19.31 0.57 0.00
FALCON___SEABRD_CC1 323796	18.52 -0.06 0.00	18.75 0.22 0.00	18.72 0.38 0.00	18.51 0.49 0.00	20.62 0.70 0.00	21.21 0.97 0.00	25.21 0.97 0.00	29.29 1.17 0.00	19.39 0.64 0.00	17.27 0.34 0.00	18.86 0.16 0.00	21.08 -0.09 0.00	20.46 -0.14 0.00	19.59 -0.38 0.00	18.90 -0.40 0.00	17.35 -0.36 0.00	17.78 -0.25 0.00	23.08 0.06 0.00	32.32 0.78 0.00	33.29 1.65 0.00	33.40 1.87 0.00	27.95 1.41 0.00	19.98 0.73 0.00	19.37 0.64 0.00

FALCON___SEABRD_CC2 323797	18.52 -0.06 0.00	18.75 0.22 0.00	18.72 0.38 0.00	18.51 0.49 0.00	20.62 0.70 0.00	21.21 0.97 0.00	25.21 0.97 0.00	29.29 1.17 0.00	19.39 0.64 0.00	17.27 0.34 0.00	18.86 0.16 0.00	21.08 -0.09 0.00	20.46 -0.14 0.00	19.59 -0.38 0.00	18.90 -0.40 0.00	17.35 -0.36 0.00	17.78 -0.25 0.00	23.08 0.06 0.00	32.32 0.78 0.00	33.29 1.65 0.00	33.40 1.87 0.00	27.95 1.41 0.00	19.98 0.73 0.00	19.37 0.64 0.00
FAR ROCKAWAY___4 23548	19.61 1.04 0.00	19.52 0.98 0.00	19.32 0.97 0.00	18.87 0.86 0.00	20.66 0.75 0.00	20.98 0.75 0.00	25.40 1.17 0.00	29.57 1.41 -0.04	20.01 0.86 -0.41	18.12 0.88 -0.31	19.90 1.19 0.00	22.59 1.43 0.00	22.03 1.44 0.00	21.37 1.40 0.00	20.71 1.41 0.00	19.13 1.41 0.00	19.35 1.30 -0.01	24.67 1.65 0.00	33.62 2.09 0.00	33.72 2.07 0.00	33.53 2.01 0.00	28.08 1.55 0.00	20.23 0.98 0.00	19.72 0.98 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.43 0.85 0.00	19.29 0.75 0.00	19.09 0.74 0.00	18.72 0.71 0.00	20.56 0.65 0.00	20.95 0.72 0.00	25.51 1.28 0.00	30.05 1.56 -0.36	20.04 0.89 -0.41	18.11 0.87 -0.31	19.70 1.00 0.00	22.30 1.13 0.00	21.74 1.15 0.00	21.17 1.20 0.00	20.51 1.22 0.00	18.96 1.20 -0.04	19.66 1.16 -0.46	24.48 1.46 0.00	33.38 1.85 0.00	33.49 1.85 0.00	33.26 1.73 0.00	27.88 1.35 0.00	20.08 0.83 0.00	19.58 0.85 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.45 0.87 0.00	19.30 0.76 0.00	19.10 0.75 0.00	18.73 0.71 0.00	20.57 0.66 0.00	20.96 0.72 0.00	25.52 1.29 0.00	30.07 1.58 -0.36	20.05 0.90 -0.41	18.11 0.87 -0.31	19.71 1.01 0.00	22.30 1.14 0.00	21.75 1.15 0.00	21.18 1.21 0.00	20.53 1.23 0.00	18.97 1.21 -0.04	19.67 1.17 -0.46	24.48 1.47 0.00	33.39 1.86 0.00	33.50 1.87 0.00	33.27 1.74 0.00	27.90 1.37 0.00	20.10 0.84 0.00	19.59 0.86 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.43 0.85 0.00	19.28 0.75 0.00	19.09 0.74 0.00	18.71 0.70 0.00	20.55 0.64 0.00	20.95 0.71 0.00	25.50 1.27 0.00	30.04 1.55 -0.36	20.03 0.88 -0.41	18.10 0.87 -0.31	19.70 1.00 0.00	22.29 1.13 0.00	21.73 1.13 0.00	21.16 1.19 0.00	20.51 1.21 0.00	18.96 1.20 -0.04	19.65 1.16 -0.46	24.47 1.45 0.00	33.36 1.84 0.00	33.47 1.83 0.00	33.24 1.71 0.00	27.86 1.34 0.00	20.08 0.82 0.00	19.57 0.84 0.00
FARRAGUT___LBMP 323566	19.41 0.84 0.00	19.27 0.74 0.00	19.07 0.73 0.00	18.70 0.69 0.00	20.55 0.64 0.00	20.94 0.70 0.00	25.49 1.26 0.00	30.02 1.53 -0.36	20.02 0.86 -0.41	18.08 0.85 -0.31	19.68 0.98 0.00	22.27 1.11 0.00	21.71 1.12 0.00	21.14 1.17 0.00	20.49 1.19 0.00	18.94 1.18 -0.04	19.64 1.14 -0.46	24.45 1.43 0.00	33.34 1.81 0.00	33.45 1.80 0.00	33.22 1.69 0.00	27.86 1.33 0.00	20.07 0.81 0.00	19.57 0.83 0.00
FENNER___WINDPWR 24204	18.91 0.33 0.00	18.88 0.35 0.00	18.66 0.31 0.00	18.30 0.28 0.00	20.27 0.36 0.00	20.71 0.47 0.00	24.95 0.72 0.00	28.99 0.87 0.00	19.09 0.35 0.00	17.16 0.24 0.00	18.92 0.22 0.00	21.41 0.24 0.00	20.75 0.16 0.00	20.08 0.10 0.00	19.39 0.09 0.00	17.77 0.06 0.00	18.12 0.08 0.00	23.15 0.13 0.00	31.95 0.42 0.00	32.38 0.74 0.00	32.34 0.81 0.00	27.15 0.62 0.00	19.66 0.41 0.00	19.11 0.38 0.00
FIBERTEK___ENERGY 23856	18.41 -0.16 0.00	18.35 -0.18 0.00	18.18 -0.17 0.00	17.84 -0.18 0.00	19.75 -0.16 0.00	20.09 -0.15 0.00	24.15 -0.09 0.00	28.35 0.23 0.00	18.51 -0.24 0.00	16.73 -0.19 0.00	18.50 -0.20 0.00	21.00 -0.17 0.00	20.45 -0.14 0.00	19.88 -0.08 0.00	19.25 -0.05 0.00	17.54 -0.17 0.00	17.84 -0.20 0.00	22.68 -0.33 0.00	31.09 -0.44 0.00	31.31 -0.33 0.00	31.20 -0.33 0.00	26.20 -0.33 0.00	19.03 -0.22 0.00	18.54 -0.19 0.00
FITZPATRICK____ 23598	18.01 -0.57 0.00	17.96 -0.58 0.00	17.78 -0.57 0.00	17.45 -0.56 0.00	19.31 -0.60 0.00	19.62 -0.61 0.00	23.52 -0.71 0.00	27.29 -0.84 0.00	18.14 -0.60 0.00	16.39 -0.53 0.00	18.13 -0.57 0.00	20.57 -0.59 0.00	20.03 -0.56 0.00	19.40 -0.56 0.00	18.74 -0.56 0.00	17.18 -0.54 0.00	17.46 -0.58 0.00	22.21 -0.81 0.00	30.40 -1.14 0.00	30.59 -1.05 0.00	30.47 -1.06 0.00	25.61 -0.92 0.00	18.61 -0.65 0.00	18.12 -0.61 0.00
FLOWRFLD_69_KV_BK1 356044	194.61 1.04 -174.99	35.01 1.03 -15.46	294.44 1.02 -275.08	19.01 0.86 -0.13	29.52 0.70 -8.91	60.14 0.66 -39.24	300.92 1.06 -275.63	44.83 1.25 -15.46	19.05 0.74 0.43	17.37 0.77 0.32	19.87 1.17 0.00	22.52 1.35 0.00	21.94 1.35 0.00	21.36 1.39 0.00	20.67 1.37 0.00	19.11 1.40 0.00	19.23 1.19 -0.01	25.39 1.53 -0.85	248.60 1.87 -215.20	209.22 1.85 -175.73	200.28 1.85 -166.90	95.82 1.38 -67.91	20.08 0.82 0.00	19.70 0.96 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.52 0.94 0.00	19.40 0.87 0.00	19.19 0.84 0.00	18.81 0.80 0.00	20.70 0.79 0.00	21.08 0.85 0.00	25.63 1.39 0.00	29.78 1.66 0.00	19.66 0.92 0.00	17.75 0.83 0.00	19.64 0.93 0.00	22.22 1.06 0.00	21.66 1.07 0.00	21.08 1.11 0.00	20.43 1.13 0.00	18.83 1.11 0.00	19.15 1.12 0.00	24.49 1.47 0.00	33.54 2.01 0.00	33.70 2.06 0.00	33.49 1.96 0.00	28.09 1.56 0.00	20.23 0.97 0.00	19.68 0.94 0.00
FORT ORANGE____ 23900	18.78 0.21 0.00	18.71 0.18 0.00	18.52 0.18 0.00	18.21 0.20 0.00	20.05 0.14 0.00	20.42 0.18 0.00	24.75 0.51 0.00	28.57 0.49 0.04	18.59 0.18 0.34	16.78 0.11 0.25	18.72 0.02 0.00	21.17 0.00 0.00	20.61 0.02 0.00	20.07 0.09 0.00	19.43 0.13 0.00	17.85 0.14 0.00	18.18 0.14 0.00	23.27 0.25 0.00	32.00 0.46 0.00	32.22 0.57 0.00	32.06 0.53 0.00	26.93 0.40 0.00	19.45 0.19 0.00	18.89 0.15 0.00
FORT_DRUM_COGEN 23780	18.20 -0.37 0.00	18.16 -0.37 0.00	17.72 -0.63 0.00	17.10 -0.92 0.00	19.16 -0.74 0.00	19.88 -0.36 0.00	24.01 -0.22 0.00	27.86 -0.26 0.00	18.24 -0.50 0.00	16.26 -0.67 0.00	17.90 -0.81 0.00	20.17 -0.99 0.00	19.26 -1.33 0.00	18.32 -1.65 0.00	17.61 -1.69 0.00	16.36 -1.36 0.00	16.87 -1.17 0.00	21.87 -1.15 0.00	30.41 -1.12 0.00	31.26 -0.38 0.00	31.62 0.09 0.00	26.54 0.01 0.00	19.19 -0.07 0.00	18.61 -0.13 0.00
FOX_HILLS___ESR 323835	19.52 0.94 0.00	19.38 0.85 0.00	19.20 0.85 0.00	18.83 0.82 0.00	20.69 0.78 0.00	21.08 0.84 0.00	25.64 1.41 0.00	30.20 1.68 -0.40	20.10 0.95 -0.41	18.17 0.93 -0.31	19.79 1.09 0.00	22.39 1.23 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.64 1.34 0.00	19.07 1.30 -0.05	19.80 1.25 -0.52	24.61 1.59 0.00	33.54 2.01 0.00	33.62 1.99 0.00	33.39 1.86 0.00	28.07 1.54 0.00	20.20 0.94 0.00	19.67 0.94 0.00
FPL FAR_ROCK_GT1 24212	19.61 1.04 0.00	19.51 0.98 0.00	19.32 0.97 0.00	18.87 0.86 0.00	20.66 0.75 0.00	20.98 0.75 0.00	25.38 1.15 0.00	29.56 1.40 -0.04	20.01 0.86 -0.41	18.12 0.88 -0.31	19.90 1.20 0.00	22.59 1.43 0.00	22.03 1.44 0.00	21.37 1.40 0.00	20.71 1.41 0.00	19.13 1.41 0.00	19.35 1.30 -0.01	24.67 1.66 0.00	33.62 2.09 0.00	33.72 2.07 0.00	33.53 2.01 0.00	28.08 1.55 0.00	20.23 0.98 0.00	19.72 0.99 0.00

FPL FAR_ROCK_GT2 23815	19.61 1.04 0.00	19.51 0.98 0.00	19.32 0.97 0.00	18.87 0.86 0.00	20.66 0.75 0.00	20.98 0.75 0.00	25.38 1.15 0.00	29.56 1.40 -0.04	20.01 0.86 -0.41	18.12 0.88 -0.31	19.90 1.20 0.00	22.59 1.43 0.00	22.03 1.44 0.00	21.37 1.40 0.00	20.71 1.41 0.00	19.13 1.41 0.00	19.35 1.30 -0.01	24.67 1.66 0.00	33.62 2.09 0.00	33.72 2.07 0.00	33.53 2.01 0.00	28.08 1.55 0.00	20.23 0.98 0.00	19.72 0.99 0.00
FRANKLIN_FALL_HYD 24054	18.52 -0.05 0.00	18.63 0.10 0.00	18.53 0.19 0.00	18.29 0.27 0.00	20.33 0.42 0.00	20.78 0.55 0.00	24.68 0.45 0.00	28.70 0.58 0.00	19.15 0.41 0.00	17.09 0.17 0.00	18.78 0.08 0.00	21.00 -0.17 0.00	20.36 -0.24 0.00	19.55 -0.42 0.00	18.84 -0.46 0.00	17.34 -0.38 0.00	17.79 -0.25 0.00	23.00 -0.02 0.00	31.89 0.35 0.00	32.43 0.78 0.00	32.51 0.98 0.00	27.32 0.79 0.00	19.67 0.41 0.00	19.07 0.33 0.00
FREEPORT_EQUS_GT1 23764	19.50 0.93 0.00	19.41 0.88 0.00	19.22 0.87 0.00	18.77 0.75 0.00	20.53 0.62 0.00	20.86 0.62 0.00	25.24 1.00 0.00	29.40 1.24 -0.04	19.89 0.74 -0.41	18.00 0.76 -0.31	19.77 1.07 0.00	22.43 1.26 0.00	21.87 1.28 0.00	21.25 1.28 0.00	20.59 1.29 0.00	19.01 1.30 0.00	19.21 1.16 -0.01	24.51 1.49 0.00	33.42 1.89 0.00	33.52 1.88 0.00	33.36 1.84 0.00	27.93 1.40 0.00	20.11 0.86 0.00	19.61 0.88 0.00
FREEPORT___CT2 23818	19.50 0.93 0.00	19.41 0.88 0.00	19.22 0.87 0.00	18.77 0.75 0.00	20.53 0.62 0.00	20.86 0.62 0.00	25.24 1.00 0.00	29.40 1.24 -0.04	19.89 0.74 -0.41	18.00 0.76 -0.31	19.77 1.07 0.00	22.43 1.26 0.00	21.87 1.28 0.00	21.25 1.28 0.00	20.59 1.29 0.00	19.01 1.30 0.00	19.21 1.16 -0.01	24.51 1.49 0.00	33.42 1.89 0.00	33.52 1.88 0.00	33.36 1.84 0.00	27.93 1.40 0.00	20.11 0.86 0.00	19.61 0.88 0.00
FRESHKLS_33_KV_LOAD 356253	19.53 0.96 0.00	19.45 0.93 0.00	19.31 0.96 0.00	18.94 0.92 0.00	20.80 0.90 0.00	21.18 0.94 0.00	25.73 1.50 0.00	30.27 1.75 -0.40	20.09 0.94 -0.41	18.15 0.91 -0.31	19.77 1.07 0.00	22.37 1.21 0.00	21.85 1.26 0.00	21.27 1.30 0.00	20.64 1.35 0.00	19.06 1.30 -0.05	19.78 1.23 -0.52	24.60 1.58 0.00	33.52 1.99 0.00	33.62 1.98 0.00	33.33 1.81 0.00	28.09 1.56 0.00	20.20 0.94 0.00	19.65 0.91 0.00
FULTON COGEN____ 23766	18.13 -0.44 0.00	18.08 -0.45 0.00	17.90 -0.45 0.00	17.56 -0.45 0.00	19.45 -0.46 0.00	19.78 -0.45 0.00	23.73 -0.51 0.00	27.52 -0.60 0.00	18.24 -0.50 0.00	16.48 -0.45 0.00	18.21 -0.49 0.00	20.66 -0.51 0.00	20.11 -0.48 0.00	19.47 -0.50 0.00	18.82 -0.48 0.00	17.25 -0.47 0.00	17.53 -0.50 0.00	22.32 -0.70 0.00	30.60 -0.93 0.00	30.85 -0.79 0.00	30.74 -0.79 0.00	25.82 -0.71 0.00	18.74 -0.51 0.00	18.26 -0.47 0.00
FULTON___LFGE 323630	20.11 1.54 0.00	20.06 1.52 0.00	19.84 1.49 0.00	19.46 1.45 0.00	21.56 1.65 0.00	22.03 1.79 0.00	26.60 2.37 0.00	30.95 2.83 0.00	20.13 1.38 0.00	18.12 1.19 0.00	19.87 1.16 0.00	22.40 1.24 0.00	21.97 1.37 0.00	21.18 1.21 0.00	20.27 0.97 0.00	18.56 0.84 0.00	18.90 0.87 0.00	24.41 1.39 0.00	34.08 2.55 0.00	34.73 3.09 0.00	34.75 3.22 0.00	29.10 2.57 0.00	21.12 1.86 0.00	20.51 1.77 0.00
G.F.CEMENT___DRP 24184	18.99 0.42 0.00	18.94 0.41 0.00	18.73 0.38 0.00	18.41 0.39 0.00	20.38 0.47 0.00	20.86 0.62 0.00	25.41 1.17 0.00	29.37 1.31 0.06	18.64 0.43 0.53	16.76 0.23 0.40	18.97 0.27 0.00	21.44 0.27 0.00	20.94 0.35 0.00	20.29 0.32 0.00	19.62 0.32 0.00	18.00 0.29 0.00	18.47 0.44 0.00	23.73 0.71 0.00	32.77 1.24 0.00	33.09 1.45 0.00	32.82 1.29 0.00	27.54 1.01 0.00	19.83 0.58 0.00	19.18 0.45 0.00
GARDENVILLE___LBMP 24039	18.11 -0.47 0.00	18.13 -0.40 0.00	18.02 -0.33 0.00	17.69 -0.32 0.00	19.64 -0.26 0.00	19.77 -0.47 0.00	23.30 -0.93 0.00	27.24 -0.88 0.00	18.27 -0.47 0.00	16.67 -0.25 0.00	18.57 -0.14 0.00	21.43 0.26 0.00	21.00 0.40 0.00	20.21 0.23 0.00	19.44 0.14 0.00	17.60 -0.12 0.00	17.71 -0.33 0.00	21.84 -1.18 0.00	29.35 -2.18 0.00	29.60 -2.04 0.00	29.36 -2.17 0.00	24.69 -1.84 0.00	18.23 -1.02 0.00	17.95 -0.78 0.00
GARDNVLA_35_KV_LD 355827	18.16 -0.41 0.00	18.18 -0.35 0.00	18.06 -0.28 0.00	17.73 -0.28 0.00	19.70 -0.21 0.00	19.82 -0.42 0.00	23.38 -0.85 0.00	27.33 -0.79 0.00	18.34 -0.40 0.00	16.74 -0.18 0.00	18.64 -0.06 0.00	21.51 0.35 0.00	21.09 0.49 0.00	20.29 0.32 0.00	19.52 0.22 0.00	17.67 -0.05 0.00	17.79 -0.24 0.00	21.93 -1.09 0.00	29.47 -2.06 0.00	29.73 -1.91 0.00	29.48 -2.05 0.00	24.79 -1.74 0.00	18.31 -0.95 0.00	18.03 -0.71 0.00
GELCKHM___115KV_LOAD 80723	18.28 -0.29 0.00	18.22 -0.31 0.00	18.05 -0.30 0.00	17.71 -0.30 0.00	19.61 -0.30 0.00	19.93 -0.30 0.00	23.93 -0.30 0.00	27.95 -0.17 0.00	18.41 -0.33 0.00	16.64 -0.28 0.00	18.40 -0.30 0.00	20.90 -0.27 0.00	20.35 -0.24 0.00	19.75 -0.23 0.00	19.09 -0.21 0.00	17.44 -0.28 0.00	17.72 -0.31 0.00	22.53 -0.49 0.00	30.85 -0.68 0.00	31.07 -0.57 0.00	30.95 -0.58 0.00	26.00 -0.53 0.00	18.89 -0.37 0.00	18.40 -0.33 0.00
GENERAL___MILLS 23808	18.14 -0.43 0.00	18.16 -0.37 0.00	18.05 -0.30 0.00	17.72 -0.29 0.00	19.68 -0.22 0.00	19.81 -0.43 0.00	23.35 -0.88 0.00	27.30 -0.83 0.00	18.31 -0.43 0.00	16.72 -0.20 0.00	18.61 -0.10 0.00	21.48 0.31 0.00	21.05 0.45 0.00	20.25 0.28 0.00	19.48 0.18 0.00	17.64 -0.08 0.00	17.75 -0.28 0.00	21.89 -1.13 0.00	29.42 -2.11 0.00	29.67 -1.97 0.00	29.44 -2.09 0.00	24.75 -1.79 0.00	18.28 -0.97 0.00	18.00 -0.73 0.00
GE_PLASTICS___DRP 24183	18.78 0.20 0.00	18.72 0.19 0.00	18.53 0.19 0.00	18.21 0.19 0.00	20.05 0.14 0.00	20.40 0.16 0.00	24.68 0.44 0.00	28.56 0.44 0.00	18.92 0.17 0.00	17.06 0.13 0.00	18.79 0.08 0.00	21.26 0.10 0.00	20.70 0.11 0.00	20.16 0.18 0.00	19.52 0.22 0.00	17.93 0.21 0.00	18.24 0.21 0.00	23.32 0.30 0.00	32.02 0.48 0.00	32.17 0.53 0.00	32.00 0.47 0.00	26.90 0.37 0.00	19.44 0.18 0.00	18.89 0.15 0.00
GILBOA___1 23756	18.94 0.37 0.00	18.94 0.41 0.00	18.75 0.40 0.00	18.40 0.38 0.00	20.28 0.36 0.00	20.54 0.31 0.00	24.84 0.61 0.00	28.74 0.62 0.00	19.07 0.32 0.00	17.22 0.30 0.00	19.03 0.32 0.00	21.52 0.36 0.00	20.98 0.39 0.00	20.51 0.54 0.00	19.86 0.56 0.00	18.18 0.46 0.00	18.46 0.43 0.00	23.57 0.55 0.00	32.30 0.77 0.00	32.37 0.72 0.00	32.19 0.66 0.00	27.09 0.56 0.00	19.60 0.34 0.00	19.06 0.32 0.00
GILBOA___2 23757	18.94 0.37 0.00	18.94 0.41 0.00	18.75 0.40 0.00	18.40 0.38 0.00	20.28 0.36 0.00	20.54 0.31 0.00	24.84 0.61 0.00	28.74 0.62 0.00	19.07 0.32 0.00	17.22 0.30 0.00	19.03 0.32 0.00	21.52 0.36 0.00	20.98 0.39 0.00	20.51 0.54 0.00	19.86 0.56 0.00	18.18 0.46 0.00	18.46 0.43 0.00	23.57 0.55 0.00	32.30 0.77 0.00	32.37 0.72 0.00	32.19 0.66 0.00	27.09 0.56 0.00	19.60 0.34 0.00	19.06 0.32 0.00

GILBOA___3 23758	18.94 0.37 0.00	18.94 0.41 0.00	18.75 0.40 0.00	18.40 0.38 0.00	20.28 0.36 0.00	20.54 0.31 0.00	24.84 0.61 0.00	28.74 0.62 0.00	19.07 0.32 0.00	17.22 0.30 0.00	19.03 0.32 0.00	21.52 0.36 0.00	20.98 0.39 0.00	20.51 0.54 0.00	19.86 0.56 0.00	18.18 0.46 0.00	18.46 0.43 0.00	23.57 0.55 0.00	32.30 0.77 0.00	32.37 0.72 0.00	32.19 0.66 0.00	27.09 0.56 0.00	19.60 0.34 0.00	19.06 0.32 0.00
GILBOA___4 23759	18.94 0.37 0.00	18.94 0.41 0.00	18.75 0.40 0.00	18.40 0.38 0.00	20.28 0.36 0.00	20.54 0.31 0.00	24.84 0.61 0.00	28.74 0.62 0.00	19.07 0.32 0.00	17.22 0.30 0.00	19.03 0.32 0.00	21.52 0.36 0.00	20.98 0.39 0.00	20.51 0.54 0.00	19.86 0.56 0.00	18.18 0.46 0.00	18.46 0.43 0.00	23.57 0.55 0.00	32.30 0.77 0.00	32.37 0.72 0.00	32.19 0.66 0.00	27.09 0.56 0.00	19.60 0.34 0.00	19.06 0.32 0.00
GILBOA___ 23599	18.94 0.37 0.00	18.94 0.41 0.00	18.75 0.40 0.00	18.40 0.38 0.00	20.27 0.36 0.00	20.54 0.31 0.00	24.84 0.61 0.00	28.74 0.62 0.00	19.06 0.32 0.00	17.22 0.30 0.00	19.03 0.32 0.00	21.52 0.36 0.00	20.98 0.39 0.00	20.51 0.54 0.00	19.86 0.56 0.00	18.18 0.46 0.00	18.46 0.43 0.00	23.57 0.55 0.00	32.30 0.77 0.00	32.37 0.72 0.00	32.19 0.66 0.00	27.09 0.56 0.00	19.60 0.34 0.00	19.06 0.32 0.00
GINNA___ 23603	17.40 -1.18 0.00	17.39 -1.14 0.00	17.25 -1.09 0.00	16.95 -1.07 0.00	18.80 -1.11 0.00	19.04 -1.19 0.00	22.68 -1.55 0.00	26.42 -1.70 0.00	17.52 -1.22 0.00	15.87 -1.05 0.00	17.60 -1.10 0.00	20.10 -1.07 0.00	19.66 -0.93 0.00	18.99 -0.98 0.00	18.29 -1.01 0.00	16.65 -1.07 0.00	16.87 -1.17 0.00	21.21 -1.81 0.00	28.87 -2.66 0.00	29.13 -2.51 0.00	28.97 -2.56 0.00	24.34 -2.19 0.00	17.78 -1.47 0.00	17.40 -1.33 0.00
GLEN PARK___ 23778	18.18 -0.39 0.00	18.14 -0.39 0.00	17.69 -0.66 0.00	17.08 -0.94 0.00	19.14 -0.77 0.00	19.85 -0.38 0.00	24.01 -0.22 0.00	27.84 -0.28 0.00	18.16 -0.58 0.00	16.17 -0.76 0.00	17.79 -0.91 0.00	20.06 -1.11 0.00	19.16 -1.43 0.00	18.23 -1.74 0.00	17.52 -1.78 0.00	16.28 -1.44 0.00	16.78 -1.26 0.00	21.74 -1.28 0.00	30.25 -1.27 0.00	31.18 -0.46 0.00	31.61 0.08 0.00	26.52 -0.01 0.00	19.16 -0.09 0.00	18.58 -0.15 0.00
GLENDALE_27_KV_LOAD 356172	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.81 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.78 0.00	25.61 1.37 0.00	30.21 1.68 -0.40	20.14 0.99 -0.41	18.22 0.98 -0.31	19.83 1.13 0.00	22.44 1.28 0.00	21.87 1.28 0.00	21.30 1.33 0.00	20.64 1.35 0.00	19.08 1.32 -0.05	19.83 1.28 -0.52	24.63 1.61 0.00	33.58 2.05 0.00	33.67 2.02 0.00	33.44 1.91 0.00	28.05 1.52 0.00	20.20 0.94 0.00	19.69 0.95 0.00
GLENWOOD_IC_1_G5 23712	19.45 0.87 0.00	19.33 0.80 0.00	19.13 0.78 0.00	18.72 0.70 0.00	20.52 0.61 0.00	20.87 0.63 0.00	25.32 1.09 0.00	29.48 1.32 -0.04	19.92 0.77 -0.41	18.01 0.78 -0.31	19.74 1.04 0.00	22.48 1.32 0.00	21.93 1.33 0.00	21.29 1.32 0.00	20.63 1.33 0.00	19.04 1.32 0.00	19.24 1.20 -0.01	24.54 1.52 0.00	33.46 1.93 0.00	33.56 1.92 0.00	33.38 1.86 0.00	27.95 1.42 0.00	20.11 0.86 0.00	19.61 0.88 0.00
GLENWOOD_IC_2_G1 23688	19.39 0.81 0.00	19.27 0.74 0.00	19.07 0.72 0.00	18.67 0.65 0.00	20.48 0.57 0.00	20.83 0.59 0.00	25.28 1.05 0.00	29.43 1.27 -0.04	19.89 0.73 -0.41	17.97 0.73 -0.31	19.67 0.96 0.00	22.42 1.26 0.00	21.87 1.28 0.00	21.23 1.26 0.00	20.57 1.28 0.00	18.99 1.27 0.00	19.19 1.14 -0.01	24.47 1.45 0.00	33.37 1.84 0.00	33.47 1.83 0.00	33.30 1.77 0.00	27.89 1.36 0.00	20.08 0.83 0.00	19.58 0.85 0.00
GLENWOOD_IC_3_G1 23689	19.39 0.81 0.00	19.27 0.74 0.00	19.07 0.72 0.00	18.67 0.65 0.00	20.48 0.57 0.00	20.83 0.59 0.00	25.28 1.05 0.00	29.43 1.27 -0.04	19.89 0.73 -0.41	17.97 0.73 -0.31	19.67 0.96 0.00	22.42 1.26 0.00	21.87 1.28 0.00	21.23 1.26 0.00	20.57 1.28 0.00	18.99 1.27 0.00	19.19 1.14 -0.01	24.47 1.45 0.00	33.37 1.84 0.00	33.47 1.83 0.00	33.30 1.77 0.00	27.89 1.36 0.00	20.08 0.83 0.00	19.58 0.85 0.00
GLENWOOD___4 23550	19.45 0.87 0.00	19.33 0.80 0.00	19.13 0.78 0.00	18.72 0.70 0.00	20.52 0.61 0.00	20.87 0.63 0.00	25.32 1.09 0.00	29.48 1.32 -0.04	19.92 0.77 -0.41	18.01 0.78 -0.31	19.74 1.04 0.00	22.48 1.32 0.00	21.93 1.33 0.00	21.29 1.32 0.00	20.63 1.33 0.00	19.04 1.32 0.00	19.24 1.20 -0.01	24.54 1.52 0.00	33.46 1.93 0.00	33.56 1.92 0.00	33.38 1.86 0.00	27.95 1.42 0.00	20.11 0.86 0.00	19.61 0.88 0.00
GLENWOOD___5 23614	19.45 0.87 0.00	19.33 0.80 0.00	19.13 0.78 0.00	18.72 0.70 0.00	20.52 0.61 0.00	20.87 0.63 0.00	25.32 1.09 0.00	29.48 1.32 -0.04	19.92 0.77 -0.41	18.01 0.78 -0.31	19.74 1.04 0.00	22.48 1.32 0.00	21.93 1.33 0.00	21.29 1.32 0.00	20.63 1.33 0.00	19.04 1.32 0.00	19.24 1.20 -0.01	24.54 1.52 0.00	33.46 1.93 0.00	33.56 1.92 0.00	33.38 1.86 0.00	27.95 1.42 0.00	20.11 0.86 0.00	19.61 0.88 0.00
GLOBAL GREEN_PORT_GT1 23814	166.10 0.60 -146.93	32.76 1.25 -12.98	250.62 1.31 -230.96	19.33 1.20 -0.11	28.47 1.08 -7.48	54.18 0.99 -32.95	256.90 1.25 -231.42	42.76 1.64 -13.00	19.73 1.06 0.07	17.93 1.05 0.05	20.16 1.45 0.00	22.93 1.77 0.00	22.33 1.74 0.00	21.72 1.75 0.00	20.95 1.65 0.00	19.34 1.62 0.00	19.25 1.21 -0.01	25.37 1.64 -0.71	213.68 1.43 -180.72	180.63 1.41 -147.58	174.05 2.36 -140.16	85.57 2.01 -57.03	20.48 1.23 0.00	20.10 1.37 0.00
GLOBE___DSASP 323697	17.51 -1.06 0.00	17.56 -0.97 0.00	17.46 -0.89 0.00	17.15 -0.86 0.00	19.04 -0.86 0.00	19.13 -1.11 0.00	22.43 -1.81 0.00	26.15 -1.97 0.00	17.56 -1.19 0.00	16.02 -0.91 0.00	17.83 -0.87 0.00	20.63 -0.53 0.00	20.26 -0.34 0.00	19.45 -0.52 0.00	18.68 -0.62 0.00	16.90 -0.81 0.00	16.98 -1.06 0.00	20.84 -2.18 0.00	27.88 -3.65 0.00	28.13 -3.51 0.00	27.90 -3.63 0.00	23.55 -2.98 0.00	17.48 -1.77 0.00	17.27 -1.47 0.00
GOETHSLN___LBMP 323567	19.34 0.77 0.00	19.20 0.67 0.00	19.00 0.65 0.00	18.64 0.62 0.00	20.47 0.56 0.00	20.86 0.62 0.00	25.39 1.15 0.00	29.89 1.40 -0.36	19.93 0.78 -0.41	18.01 0.77 -0.31	19.59 0.89 0.00	22.16 1.00 0.00	21.62 1.03 0.00	21.06 1.08 0.00	20.41 1.11 0.00	18.88 1.12 -0.04	19.57 1.07 -0.46	24.36 1.34 0.00	33.21 1.68 0.00	33.34 1.70 0.00	33.10 1.57 0.00	27.75 1.22 0.00	19.99 0.73 0.00	19.50 0.77 0.00
GOLAH___69_KV_TB 1_2 80279	18.28 -0.29 0.00	18.28 -0.25 0.00	18.14 -0.20 0.00	17.82 -0.20 0.00	19.77 -0.14 0.00	19.99 -0.25 0.00	23.73 -0.50 0.00	27.69 -0.43 0.00	18.41 -0.33 0.00	16.69 -0.24 0.00	18.53 -0.17 0.00	21.26 0.10 0.00	20.78 0.19 0.00	20.05 0.08 0.00	19.30 0.00 0.00	17.53 -0.19 0.00	17.70 -0.34 0.00	22.11 -0.91 0.00	30.01 -1.52 0.00	30.35 -1.30 0.00	30.19 -1.34 0.00	25.38 -1.15 0.00	18.62 -0.64 0.00	18.25 -0.48 0.00

GOODYEAR_LAKE_HYD 323669	19.12 0.55 0.00	19.04 0.51 0.00	18.87 0.53 0.00	18.53 0.52 0.00	20.53 0.62 0.00	20.88 0.65 0.00	25.08 0.85 0.00	29.15 1.03 0.00	19.36 0.61 0.00	17.52 0.59 0.00	19.39 0.69 0.00	21.96 0.79 0.00	21.35 0.76 0.00	20.66 0.69 0.00	19.91 0.61 0.00	18.23 0.51 0.00	18.51 0.48 0.00	23.61 0.59 0.00	32.38 0.85 0.00	32.67 1.02 0.00	32.55 1.03 0.00	27.33 0.79 0.00	19.84 0.59 0.00	19.36 0.63 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.59 0.02 0.00	18.50 -0.03 0.00	18.35 0.01 0.00	18.00 -0.02 0.00	19.92 0.01 0.00	20.20 -0.04 0.00	24.24 0.01 0.00	28.20 0.08 0.00	18.69 -0.05 0.00	16.99 0.07 0.00	18.83 0.12 0.00	21.40 0.24 0.00	20.86 0.26 0.00	20.20 0.23 0.00	19.50 0.21 0.00	17.82 0.10 0.00	18.06 0.03 0.00	22.87 -0.15 0.00	31.26 -0.27 0.00	31.53 -0.11 0.00	31.36 -0.17 0.00	26.30 -0.23 0.00	19.16 -0.10 0.00	18.74 0.00 0.00
GOUDEY___7 23579	18.60 0.03 0.00	18.52 -0.01 0.00	18.36 0.02 0.00	18.01 0.00 0.00	19.94 0.03 0.00	20.22 -0.02 0.00	24.26 0.03 0.00	28.22 0.10 0.00	18.71 -0.03 0.00	17.00 0.08 0.00	18.84 0.14 0.00	21.42 0.26 0.00	20.88 0.28 0.00	20.21 0.24 0.00	19.52 0.22 0.00	17.83 0.11 0.00	18.08 0.04 0.00	22.89 -0.13 0.00	31.29 -0.24 0.00	31.55 -0.09 0.00	31.39 -0.14 0.00	26.32 -0.21 0.00	19.18 -0.08 0.00	18.75 0.02 0.00
GOUDEY___8 23580	18.59 0.02 0.00	18.50 -0.03 0.00	18.35 0.01 0.00	18.00 -0.02 0.00	19.92 0.01 0.00	20.20 -0.04 0.00	24.24 0.01 0.00	28.20 0.08 0.00	18.69 -0.05 0.00	16.99 0.07 0.00	18.83 0.12 0.00	21.40 0.24 0.00	20.86 0.26 0.00	20.20 0.23 0.00	19.50 0.21 0.00	17.82 0.10 0.00	18.06 0.03 0.00	22.87 -0.15 0.00	31.26 -0.27 0.00	31.53 -0.11 0.00	31.36 -0.17 0.00	26.30 -0.23 0.00	19.16 -0.10 0.00	18.74 0.00 0.00
GOWANUS_GT1_1 24077	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.36 0.00	30.17 1.64 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.80 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.34 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.88 0.00	28.06 1.53 0.00	20.20 0.95 0.00	19.68 0.95 0.00
GOWANUS_GT1_2 24078	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.36 0.00	30.17 1.64 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.80 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.34 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.88 0.00	28.06 1.53 0.00	20.20 0.95 0.00	19.68 0.95 0.00
GOWANUS_GT1_3 24079	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.36 0.00	30.17 1.64 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.80 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.34 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.88 0.00	28.06 1.53 0.00	20.20 0.95 0.00	19.68 0.95 0.00
GOWANUS_GT1_4 24080	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.36 0.00	30.17 1.64 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.80 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.34 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.88 0.00	28.06 1.53 0.00	20.20 0.95 0.00	19.68 0.95 0.00
GOWANUS_GT1_5 24084	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.36 0.00	30.17 1.64 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.80 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.34 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.88 0.00	28.06 1.53 0.00	20.20 0.95 0.00	19.68 0.95 0.00
GOWANUS_GT1_6 24111	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.36 0.00	30.17 1.64 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.80 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.34 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.88 0.00	28.06 1.53 0.00	20.20 0.95 0.00	19.68 0.95 0.00
GOWANUS_GT1_7 24112	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.36 0.00	30.17 1.64 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.80 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.34 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.88 0.00	28.06 1.53 0.00	20.20 0.95 0.00	19.68 0.95 0.00
GOWANUS_GT1_8 24113	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.36 0.00	30.17 1.64 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.80 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.34 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.88 0.00	28.06 1.53 0.00	20.20 0.95 0.00	19.68 0.95 0.00
GOWANUS_GT2_1 24114	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00
GOWANUS_GT2_2 24115	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00
GOWANUS_GT2_3 24116	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00

GOWANUS_GT2_4 24117	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00
GOWANUS_GT2_5 24118	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00
GOWANUS_GT2_6 24119	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00
GOWANUS_GT2_7 24120	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00
GOWANUS_GT2_8 24121	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00
GOWANUS_GT3_1 24122	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 																

GOWANUS_GT4_3 24132	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.36 0.00	30.17 1.64 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.80 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.34 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.88 0.00	28.06 1.53 0.00	20.20 0.95 0.00	19.68 0.95 0.00
GOWANUS_GT4_4 24133	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.36 0.00	30.17 1.64 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.80 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.34 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.88 0.00	28.06 1.53 0.00	20.20 0.95 0.00	19.68 0.95 0.00
GOWANUS_GT4_5 24134	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.36 0.00	30.17 1.64 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.80 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.34 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.88 0.00	28.06 1.53 0.00	20.20 0.95 0.00	19.68 0.95 0.00
GOWANUS_GT4_6 24135	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.36 0.00	30.17 1.64 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.80 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.34 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.88 0.00	28.06 1.53 0.00	20.20 0.95 0.00	19.68 0.95 0.00
GOWANUS_GT4_7 24136	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.36 0.00	30.17 1.64 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.80 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.34 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.88 0.00	28.06 1.53 0.00	20.20 0.95 0.00	19.68 0.95 0.00
GOWANUS_GT4_8 24137	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.36 0.00	30.17 1.64 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.80 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.34 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.88 0.00	28.06 1.53 0.00	20.20 0.95 0.00	19.68 0.95 0.00
GREENBSH_115KV_TB3 55895	18.68 0.11 0.00	18.61 0.08 0.00	18.42 0.08 0.00	18.11 0.10 0.00	19.93 0.02 0.00	20.29 0.05 0.00	24.57 0.34 0.00	28.40 0.32 0.04	18.48 0.10 0.36	16.72 0.06 0.27	18.67 -0.03 0.00	21.14 -0.03 0.00	20.58 -0.01 0.00	20.04 0.06 0.00	19.41 0.11 0.00	17.83 0.11 0.00	18.15 0.11 0.00	23.21 0.19 0.00	31.87 0.34 0.00	32.04 0.40 0.00	31.86 0.33 0.00	26.78 0.25 0.00	19.34 0.08 0.00	18.78 0.05 0.00
GREENIDGE_115KV_TB5 80291	18.46 -0.12 0.00	18.42 -0.11 0.00	18.28 -0.06 0.00	17.95 -0.06 0.00	19.93 0.03 0.00	20.23 0.00 0.00	24.21 -0.02 0.00	28.12 0.00 0.00	18.64 -0.10 0.00	16.86 -0.07 0.00	18.62 -0.09 0.00	21.20 0.03 0.00	20.68 0.09 0.00	20.02 0.05 0.00	19.33 0.04 0.00	17.58 -0.14 0.00	17.82 -0.21 0.00	22.50 -0.51 0.00	30.74 -0.79 0.00	30.97 -0.67 0.00	30.89 -0.64 0.00	26.05 -0.48 0.00	19.01 -0.25 0.00	18.56 -0.17 0.00
GREENIDGE___3 23582	18.46 -0.12 0.00	18.42 -0.11 0.00	18.28 -0.06 0.00	17.95 -0.06 0.00	19.93 0.03 0.00	20.23 0.00 0.00	24.21 -0.02 0.00	28.12 0.00 0.00	18.64 -0.10 0.00	16.86 -0.07 0.00	18.62 -0.09 0.00	21.20 0.03 0.00	20.68 0.09 0.00	20.02 0.05 0.00	19.33 0.04 0.00	17.58 -0.14 0.00	17.82 -0.21 0.00	22.50 -0.51 0.00	30.74 -0.79 0.00	30.97 -0.67 0.00	30.89 -0.64 0.00	26.05 -0.48 0.00	19.01 -0.25 0.00	18.56 -0.17 0.00
GREENIDGE___4 23583	18.46 -0.11 0.00	18.42 -0.11 0.00	18.28 -0.06 0.00	17.96 -0.06 0.00	19.93 0.02 0.00	20.23 0.00 0.00	24.21 -0.02 0.00	28.13 0.00 0.00	18.64 -0.10 0.00	16.86 -0.07 0.00	18.62 -0.09 0.00	21.20 0.03 0.00	20.68 0.09 0.00	20.02 0.05 0.00	19.33 0.04 0.00	17.58 -0.14 0.00	17.82 -0.21 0.00	22.50 -0.52 0.00	30.74 -0.79 0.00	30.98 -0.67 0.00	30.89 -0.64 0.00	26.05 -0.48 0.00	19.01 -0.25 0.00	18.56 -0.17 0.00
GREENLWN_69_KV_BK 3 55738	-0.05 0.70 19.33	17.51 0.69 1.71	-11.28 0.75 30.38	18.57 0.57 0.02	19.30 0.37 0.98	16.20 0.29 4.33	-5.51 0.70 30.44	27.14 0.73 1.72	18.22 0.33 0.85	16.71 0.42 0.64	19.56 0.86 0.00	22.19 1.03 0.00	21.65 1.05 0.00	21.06 1.09 0.00	20.40 1.10 0.00	18.84 1.12 0.00	18.94 0.90 -0.01	24.06 1.13 0.09	9.38 1.38 23.53	13.76 1.33 19.21	14.58 1.29 18.25	20.04 0.94 7.42	19.76 0.50 0.00	19.33 0.60 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.36 0.00	30.17 1.64 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.80 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.34 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.88 0.00	28.06 1.53 0.00	20.20 0.95 0.00	19.68 0.95 0.00
GRISSOM___SOLAR 323813	20.11 1.54 0.00	20.06 1.52 0.00	19.84 1.49 0.00	19.46 1.45 0.00	21.56 1.65 0.00	22.03 1.79 0.00	26.60 2.37 0.00	30.95 2.83 0.00	20.13 1.38 0.00	18.12 1.19 0.00	19.87 1.16 0.00	22.40 1.24 0.00	21.97 1.37 0.00	21.18 1.21 0.00	20.27 0.97 0.00	18.56 0.84 0.00	18.90 0.87 0.00	24.41 1.39 0.00	34.08 2.55 0.00	34.73 3.09 0.00	34.75 3.22 0.00	29.10 2.57 0.00	21.12 1.86 0.00	20.51 1.77 0.00
GROVEVILLE___HYD 323602	19.52 0.94 0.00	19.40 0.87 0.00	19.19 0.84 0.00	18.81 0.80 0.00	20.70 0.79 0.00	21.08 0.85 0.00	25.63 1.39 0.00	29.78 1.66 0.00	19.66 0.92 0.00	17.75 0.83 0.00	19.64 0.93 0.00	22.22 1.06 0.00	21.66 1.07 0.00	21.08 1.11 0.00	20.43 1.13 0.00	18.83 1.11 0.00	19.15 1.12 0.00	24.49 1.47 0.00	33.54 2.01 0.00	33.70 2.06 0.00	33.49 1.96 0.00	28.09 1.56 0.00	20.23 0.97 0.00	19.68 0.94 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.41 -0.16 0.00	18.35 -0.18 0.00	18.18 -0.17 0.00	17.84 -0.18 0.00	19.75 -0.16 0.00	20.09 -0.15 0.00	24.15 -0.09 0.00	28.35 0.23 0.00	18.51 -0.24 0.00	16.73 -0.19 0.00	18.50 -0.20 0.00	21.00 -0.17 0.00	20.45 -0.14 0.00	19.88 -0.08 0.00	19.25 -0.05 0.00	17.54 -0.17 0.00	17.84 -0.20 0.00	22.68 -0.33 0.00	31.09 -0.44 0.00	31.31 -0.33 0.00	31.20 -0.33 0.00	26.20 -0.33 0.00	19.03 -0.22 0.00	18.54 -0.19 0.00

HAMLTNNY_34_KV_TB 80303	18.44 -0.14 0.00	18.35 -0.18 0.00	18.19 -0.15 0.00	17.86 -0.15 0.00	19.79 -0.12 0.00	20.10 -0.14 0.00	24.18 -0.05 0.00	28.61 0.48 0.00	18.50 -0.24 0.00	16.74 -0.19 0.00	18.49 -0.22 0.00	20.98 -0.18 0.00	20.44 -0.15 0.00	19.93 -0.04 0.00	19.33 0.04 0.00	17.54 -0.18 0.00	17.84 -0.19 0.00	22.66 -0.36 0.00	31.05 -0.48 0.00	31.29 -0.35 0.00	31.19 -0.34 0.00	26.17 -0.36 0.00	19.04 -0.22 0.00	18.55 -0.18 0.00
HAMPSHIRE___PAPER_HYD 323593	18.17 -0.40 0.00	18.18 -0.35 0.00	17.87 -0.48 0.00	17.41 -0.61 0.00	19.41 -0.50 0.00	19.96 -0.28 0.00	23.88 -0.36 0.00	27.72 -0.40 0.00	18.38 -0.36 0.00	16.45 -0.47 0.00	18.13 -0.57 0.00	20.40 -0.77 0.00	19.60 -0.99 0.00	18.79 -1.18 0.00	18.07 -1.23 0.00	16.71 -1.01 0.00	17.19 -0.84 0.00	22.27 -0.75 0.00	30.78 -0.75 0.00	31.24 -0.40 0.00	31.41 -0.12 0.00	26.42 -0.11 0.00	19.14 -0.11 0.00	18.56 -0.18 0.00
HARDSCRABBLE_WT_PWR 323673	18.19 -0.38 0.00	18.13 -0.40 0.00	17.95 -0.39 0.00	17.67 -0.34 0.00	19.48 -0.43 0.00	19.86 -0.38 0.00	24.15 -0.08 0.00	27.98 -0.15 0.00	18.42 -0.32 0.00	16.56 -0.37 0.00	18.21 -0.49 0.00	20.55 -0.62 0.00	19.95 -0.65 0.00	19.32 -0.65 0.00	18.58 -0.72 0.00	17.07 -0.65 0.00	17.36 -0.67 0.00	22.30 -0.72 0.00	31.02 -0.51 0.00	31.45 -0.19 0.00	31.42 -0.11 0.00	26.39 -0.14 0.00	19.03 -0.23 0.00	18.44 -0.30 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.28 0.70 0.00	19.16 0.63 0.00	18.96 0.61 0.00	18.59 0.57 0.00	20.45 0.54 0.00	20.79 0.56 0.00	25.24 1.00 0.00	29.36 1.20 -0.04	19.72 0.64 -0.33	17.80 0.63 -0.25	19.42 0.71 0.00	21.98 0.82 0.00	21.44 0.85 0.00	20.87 0.90 0.00	20.23 0.93 0.00	18.65 0.94 0.00	18.93 0.90 0.00	24.19 1.17 0.00	33.05 1.52 0.00	33.19 1.55 0.00	32.98 1.45 0.00	27.65 1.12 0.00	19.94 0.68 0.00	19.44 0.70 0.00
HARSNRAD_115KV_TB1 81005	17.80 -0.77 0.00	17.85 -0.68 0.00	17.74 -0.60 0.00	17.43 -0.59 0.00	19.36 -0.55 0.00	19.47 -0.77 0.00	22.88 -1.35 0.00	26.75 -1.37 0.00	17.98 -0.76 0.00	16.39 -0.54 0.00	18.23 -0.47 0.00	21.10 -0.06 0.00	20.70 0.10 0.00	19.91 -0.06 0.00	19.12 -0.18 0.00	17.30 -0.42 0.00	17.38 -0.65 0.00	21.34 -1.68 0.00	28.62 -2.91 0.00	28.92 -2.72 0.00	28.71 -2.83 0.00	24.19 -2.34 0.00	17.92 -1.33 0.00	17.67 -1.06 0.00
HARZA MOOSE___RIVER 24016	18.68 0.11 0.00	18.66 0.13 0.00	18.32 -0.02 0.00	17.81 -0.20 0.00	19.83 -0.08 0.00	20.39 0.16 0.00	24.60 0.37 0.00	28.58 0.46 0.00	18.85 0.11 0.00	16.91 -0.02 0.00	18.63 -0.08 0.00	21.03 -0.14 0.00	20.21 -0.38 0.00	19.43 -0.54 0.00	18.70 -0.60 0.00	17.26 -0.46 0.00	17.71 -0.32 0.00	22.83 -0.18 0.00	31.63 0.10 0.00	32.13 0.49 0.00	32.21 0.69 0.00	27.04 0.51 0.00	19.58 0.32 0.00	19.00 0.26 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	18.28 -0.29 0.00	18.23 -0.30 0.00	18.06 -0.29 0.00	17.72 -0.29 0.00	19.62 -0.30 0.00	19.94 -0.30 0.00	23.93 -0.30 0.00	27.88 -0.25 0.00	18.44 -0.30 0.00	16.68 -0.24 0.00	18.45 -0.25 0.00	20.96 -0.21 0.00	20.41 -0.18 0.00	19.78 -0.19 0.00	19.09 -0.20 0.00	17.46 -0.26 0.00	17.74 -0.30 0.00	22.55 -0.47 0.00	30.86 -0.67 0.00	31.08 -0.56 0.00	30.96 -0.57 0.00	26.00 -0.53 0.00	18.89 -0.36 0.00	18.41 -0.32 0.00
HELLGATE_13_KV_LD 55870	19.42 0.84 0.00	19.27 0.74 0.00	19.08 0.74 0.00	18.71 0.70 0.00	20.55 0.64 0.00	20.94 0.70 0.00	25.51 1.27 0.00	30.08 1.55 -0.40	20.05 0.89 -0.41	18.13 0.89 -0.31	19.74 1.03 0.00	22.32 1.16 0.00	21.76 1.16 0.00	21.18 1.21 0.00	20.53 1.23 0.00	18.97 1.21 -0.05	19.71 1.16 -0.52	24.49 1.48 0.00	33.38 1.86 0.00	33.47 1.83 0.00	33.26 1.73 0.00	27.90 1.37 0.00	20.09 0.84 0.00	19.60 0.86 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.42 0.84 0.00	19.27 0.74 0.00	19.08 0.74 0.00	18.71 0.70 0.00	20.55 0.64 0.00	20.94 0.70 0.00	25.51 1.27 0.00	30.08 1.55 -0.40	20.05 0.89 -0.41	18.13 0.89 -0.31	19.74 1.03 0.00	22.32 1.16 0.00	21.76 1.16 0.00	21.18 1.21 0.00	20.53 1.23 0.00	18.97 1.21 -0.05	19.71 1.16 -0.52	24.49 1.48 0.00	33.38 1.86 0.00	33.47 1.83 0.00	33.26 1.73 0.00	27.90 1.37 0.00	20.09 0.84 0.00	19.60 0.86 0.00
HEMPSTEAD____ 23647	19.38 0.81 0.00	19.29 0.76 0.00	19.09 0.74 0.00	18.66 0.64 0.00	20.43 0.52 0.00	20.76 0.52 0.00	25.15 0.91 0.00	29.28 1.12 -0.04	19.81 0.66 -0.41	17.92 0.69 -0.31	19.68 0.97 0.00	22.34 1.18 0.00	21.79 1.20 0.00	21.18 1.21 0.00	20.52 1.22 0.00	18.95 1.23 0.00	19.14 1.09 -0.01	24.41 1.39 0.00	33.26 1.73 0.00	33.37 1.72 0.00	33.19 1.66 0.00	27.78 1.25 0.00	20.00 0.75 0.00	19.51 0.78 0.00
HEWLETT_69_KV_BK3 55828	19.54 0.97 0.00	19.45 0.92 0.00	19.25 0.91 0.00	18.81 0.79 0.00	20.59 0.68 0.00	20.90 0.66 0.00	25.30 1.07 0.00	29.45 1.29 -0.04	19.94 0.78 -0.41	18.05 0.82 -0.31	19.82 1.12 0.00	22.51 1.34 0.00	21.95 1.35 0.00	21.29 1.32 0.00	20.63 1.34 0.00	19.05 1.34 0.00	19.26 1.22 -0.01	24.57 1.55 0.00	33.48 1.95 0.00	33.56 1.92 0.00	33.38 1.85 0.00	27.97 1.44 0.00	20.15 0.90 0.00	19.65 0.91 0.00
HICKLING___1 23621	18.50 -0.07 0.00	18.44 -0.08 0.00	18.33 -0.01 0.00	17.98 -0.04 0.00	19.93 0.03 0.00	20.19 -0.04 0.00	24.17 -0.06 0.00	28.13 0.00 0.00	18.64 -0.10 0.00	17.00 0.08 0.00	18.87 0.16 0.00	21.50 0.33 0.00	20.95 0.36 0.00	20.29 0.32 0.00	19.58 0.28 0.00	17.84 0.12 0.00	18.05 0.02 0.00	22.71 -0.31 0.00	30.96 -0.57 0.00	31.24 -0.40 0.00	31.07 -0.46 0.00	26.03 -0.50 0.00	19.02 -0.23 0.00	18.65 -0.09 0.00
HICKLING___2 23622	18.50 -0.07 0.00	18.44 -0.08 0.00	18.33 -0.01 0.00	17.98 -0.04 0.00	19.93 0.03 0.00	20.19 -0.04 0.00	24.17 -0.06 0.00	28.13 0.00 0.00	18.64 -0.10 0.00	17.00 0.08 0.00	18.87 0.16 0.00	21.50 0.33 0.00	20.95 0.36 0.00	20.29 0.32 0.00	19.58 0.28 0.00	17.84 0.12 0.00	18.05 0.02 0.00	22.71 -0.31 0.00	30.96 -0.57 0.00	31.24 -0.40 0.00	31.07 -0.46 0.00	26.03 -0.50 0.00	19.02 -0.23 0.00	18.65 -0.09 0.00
HIGH FALLS___HY 23754	19.44 0.87 0.00	19.32 0.79 0.00	19.11 0.76 0.00	18.73 0.71 0.00	20.62 0.71 0.00	20.98 0.74 0.00	25.49 1.25 0.00	29.68 1.55 0.00	19.59 0.85 0.00	17.68 0.76 0.00	19.53 0.83 0.00	22.12 0.95 0.00	21.56 0.97 0.00	20.99 1.02 0.00	20.34 1.04 0.00	18.74 1.02 0.00	19.02 0.98 0.00	24.31 1.30 0.00	33.36 1.83 0.00	33.55 1.91 0.00	33.39 1.86 0.00	27.99 1.45 0.00	20.16 0.91 0.00	19.64 0.90 0.00
HILLBURN___GT 23639	19.28 0.70 0.00	19.15 0.62 0.00	18.96 0.61 0.00	18.59 0.58 0.00	20.43 0.52 0.00	20.77 0.53 0.00	25.22 0.99 0.00	29.35 1.18 -0.04	19.74 0.65 -0.35	17.83 0.65 -0.26	19.44 0.74 0.00	22.02 0.86 0.00	21.49 0.90 0.00	20.92 0.95 0.00	20.29 0.99 0.00	18.71 0.99 0.00	18.96 0.93 0.00	24.20 1.18 0.00	33.03 1.50 0.00	33.15 1.51 0.00	32.93 1.40 0.00	27.62 1.09 0.00	19.92 0.66 0.00	19.43 0.69 0.00

HILLSIDE_115KV_TB1 80332	18.37 -0.20 0.00	18.28 -0.25 0.00	18.16 -0.19 0.00	17.79 -0.23 0.00	19.70 -0.21 0.00	19.94 -0.30 0.00	23.89 -0.34 0.00	27.80 -0.33 0.00	18.43 -0.31 0.00	16.84 -0.08 0.00	18.70 0.00 0.00	21.32 0.15 0.00	20.78 0.19 0.00	20.13 0.16 0.00	19.44 0.14 0.00	17.72 0.00 0.00	17.92 -0.11 0.00	22.55 -0.47 0.00	30.73 -0.80 0.00	31.01 -0.63 0.00	30.81 -0.72 0.00	25.80 -0.73 0.00	18.87 -0.39 0.00	18.51 -0.23 0.00
HISHELDN_WT_PWR 323625	18.04 -0.53 0.00	18.07 -0.46 0.00	17.97 -0.37 0.00	17.65 -0.36 0.00	19.62 -0.29 0.00	19.76 -0.47 0.00	23.37 -0.86 0.00	27.30 -0.82 0.00	18.27 -0.48 0.00	16.67 -0.25 0.00	18.52 -0.18 0.00	21.28 0.12 0.00	20.82 0.23 0.00	20.06 0.09 0.00	19.32 0.03 0.00	17.52 -0.20 0.00	17.67 -0.36 0.00	21.88 -1.13 0.00	29.47 -2.06 0.00	29.70 -1.94 0.00	29.52 -2.01 0.00	24.79 -1.74 0.00	18.25 -1.00 0.00	17.91 -0.82 0.00
HOLTSVILLE_IC_1 23690	167.27 1.04 -147.66	32.60 1.03 -13.04	251.46 1.01 -232.10	18.99 0.87 -0.11	28.13 0.71 -7.51	54.01 0.65 -33.12	257.80 1.00 -232.57	42.41 1.22 -13.06	19.52 0.81 0.03	17.74 0.83 0.02	19.88 1.18 0.00	22.54 1.38 0.00	21.97 1.37 0.00	21.39 1.42 0.00	20.69 1.39 0.00	19.14 1.42 0.00	19.24 1.20 -0.01	25.29 1.56 -0.72	215.01 1.87 -181.61	181.78 1.84 -148.30	174.24 1.86 -140.85	85.24 1.40 -57.31	20.12 0.86 0.00	19.73 0.99 0.00
HOLTSVILLE_IC_10 23699	160.90 1.12 -141.21	32.11 1.11 -12.47	241.39 1.08 -221.96	19.05 0.93 -0.11	27.88 0.78 -7.19	52.64 0.73 -31.67	247.74 1.10 -222.40	41.96 1.35 -12.49	19.45 0.88 0.17	17.69 0.89 0.13	19.95 1.24 0.00	22.61 1.45 0.00	22.03 1.43 0.00	21.45 1.48 0.00	20.75 1.45 0.00	19.20 1.48 0.00	19.31 1.27 -0.01	25.36 1.66 -0.68	207.22 2.01 -173.69	175.47 1.99 -141.83	168.25 2.01 -134.71	82.87 1.53 -54.81	20.19 0.94 0.00	19.80 1.07 0.00
HOLTSVILLE_IC_2 23691	167.27 1.04 -147.66	32.60 1.03 -13.04	251.46 1.01 -232.10	18.99 0.87 -0.11	28.13 0.71 -7.51	54.01 0.65 -33.12	257.80 1.00 -232.57	42.41 1.22 -13.06	19.52 0.81 0.03	17.74 0.83 0.02	19.88 1.18 0.00	22.54 1.38 0.00	21.97 1.37 0.00	21.39 1.42 0.00	20.69 1.39 0.00	19.14 1.42 0.00	19.24 1.20 -0.01	25.29 1.56 -0.72	215.01 1.87 -181.61	181.78 1.84 -148.30	174.24 1.86 -140.85	85.24 1.40 -57.31	20.12 0.86 0.00	19.73 0.99 0.00
HOLTSVILLE_IC_3 23692	167.27 1.04 -147.66	32.60 1.03 -13.04	251.46 1.01 -232.10	18.99 0.87 -0.11	28.13 0.71 -7.51	54.01 0.65 -33.12	257.80 1.00 -232.57	42.41 1.22 -13.06	19.52 0.81 0.03	17.74 0.83 0.02	19.88 1.18 0.00	22.54 1.38 0.00	21.97 1.37 0.00	21.39 1.42 0.00	20.69 1.39 0.00	19.14 1.42 0.00	19.24 1.20 -0.01	25.29 1.56 -0.72	215.01 1.87 -181.61	181.78 1.84 -148.30	174.24 1.86 -140.85	85.24 1.40 -57.31	20.12 0.86 0.00	19.73 0.99 0.00
HOLTSVILLE_IC_4 23693	167.27 1.04 -147.66	32.60 1.03 -13.04	251.46 1.01 -232.10	18.99 0.87 -0.11	28.13 0.71 -7.51	54.01 0.65 -33.12	257.80 1.00 -232.57	42.41 1.22 -13.06	19.52 0.81 0.03	17.74 0.83 0.02	19.88 1.18 0.00	22.54 1.38 0.00	21.97 1.37 0.00	21.39 1.42 0.00	20.69 1.39 0.00	19.14 1.42 0.00	19.24 1.20 -0.01	25.29 1.56 -0.72	215.01 1.87 -181.61	181.78 1.84 -148.30	174.24 1.86 -140.85	85.24 1.40 -57.31	20.12 0.86 0.00	19.73 0.99 0.00
HOLTSVILLE_IC_5 23694	167.27 1.04 -147.66	32.60 1.03 -13.04	251.46 1.01 -232.10	18.99 0.87 -0.11	28.13 0.71 -7.51	54.01 0.65 -33.12	257.80 1.00 -232.57	42.41 1.22 -13.06	19.52 0.81 0.03	17.74 0.83 0.02	19.88 1.18 0.00	22.54 1.38 0.00	21.97 1.37 0.00	21.39 1.42 0.00	20.69 1.39 0.00	19.14 1.42 0.00	19.24 1.20 -0.01	25.29 1.56 -0.72	215.01 1.87 -181.61	181.78 1.84 -148.30	174.24 1.86 -140.85	85.24 1.40 -57.31	20.12 0.86 0.00	19.73 0.99 0.00
HOLTSVILLE_IC_6 23695	160.90 1.12 -141.21	32.11 1.11 -12.47	241.39 1.08 -221.96	19.05 0.93 -0.11	27.88 0.78 -7.19	52.64 0.73 -31.67	247.74 1.10 -222.40	41.96 1.35 -12.49	19.45 0.88 0.17	17.69 0.89 0.13	19.95 1.24 0.00	22.61 1.45 0.00	22.03 1.43 0.00	21.45 1.48 0.00	20.75 1.45 0.00	19.20 1.48 0.00	19.31 1.27 -0.01	25.36 1.66 -0.68	207.22 2.01 -173.69	175.47 1.99 -141.83	168.25 2.01 -134.71	82.87 1.53 -54.81	20.19 0.94 0.00	19.80 1.07 0.00
HOLTSVILLE_IC_7 23696	160.90 1.12 -141.21	32.11 1.11 -12.47	241.39 1.08 -221.96	19.05 0.93 -0.11	27.88 0.78 -7.19	52.64 0.73 -31.67	247.74 1.10 -222.40	41.96 1.35 -12.49	19.45 0.88 0.17	17.69 0.89 0.13	19.95 1.24 0.00	22.61 1.45 0.00	22.03 1.43 0.00	21.45 1.48 0.00	20.75 1.45 0.00	19.20 1.48 0.00	19.31 1.27 -0.01	25.36 1.66 -0.68	207.22 2.01 -173.69	175.47 1.99 -141.83	168.25 2.01 -134.71	82.87 1.53 -54.81	20.19 0.94 0.00	19.80 1.07 0.00
HOLTSVILLE_IC_8 23697	160.90 1.12 -141.21	32.11 1.11 -12.47	241.39 1.08 -221.96	19.05 0.93 -0.11	27.88 0.78 -7.19	52.64 0.73 -31.67	247.74 1.10 -222.40	41.96 1.35 -12.49	19.45 0.88 0.17	17.69 0.89 0.13	19.95 1.24 0.00	22.61 1.45 0.00	22.03 1.43 0.00	21.45 1.48 0.00	20.75 1.45 0.00	19.20 1.48 0.00	19.31 1.27 -0.01	25.36 1.66 -0.68	207.22 2.01 -173.69	175.47 1.99 -141.83	168.25 2.01 -134.71	82.87 1.53 -54.81	20.19 0.94 0.00	19.80 1.07 0.00
HOLTSVILLE_IC_9 23698	160.90 1.12 -141.21	32.11 1.11 -12.47	241.39 1.08 -221.96	19.05 0.93 -0.11	27.88 0.78 -7.19	52.64 0.73 -31.67	247.74 1.10 -222.40	41.96 1.35 -12.49	19.45 0.88 0.17	17.69 0.89 0.13	19.95 1.24 0.00	22.61 1.45 0.00	22.03 1.43 0.00	21.45 1.48 0.00	20.75 1.45 0.00	19.20 1.48 0.00	19.31 1.27 -0.01	25.36 1.66 -0.68	207.22 2.01 -173.69	175.47 1.99 -141.83	168.25 2.01 -134.71	82.87 1.53 -54.81	20.19 0.94 0.00	19.80 1.07 0.00
HOMER_HL_115KV_TB2 355744	18.77 0.20 0.00	18.74 0.21 0.00	18.64 0.29 0.00	18.27 0.26 0.00	20.28 0.38 0.00	20.32 0.08 0.00	24.01 -0.22 0.00	28.04 -0.09 0.00	18.67 -0.07 0.00	17.13 0.21 0.00	19.14 0.44 0.00	22.10 0.93 0.00	21.59 1.00 0.00	20.82 0.85 0.00	20.05 0.76 0.00	18.12 0.41 0.00	18.12 0.09 0.00	22.54 -0.47 0.00	30.44 -1.09 0.00	30.74 -0.90 0.00	30.48 -1.05 0.00	25.53 -1.00 0.00	18.87 -0.39 0.00	18.70 -0.03 0.00
HOWARD_WT_PWR 323690	18.25 -0.32 0.00	18.24 -0.29 0.00	18.12 -0.23 0.00	17.86 -0.15 0.00	19.92 0.01 0.00	20.18 -0.06 0.00	24.09 -0.14 0.00	28.11 -0.01 0.00	18.67 -0.07 0.00	16.99 0.07 0.00	18.74 0.03 0.00	21.32 0.15 0.00	20.80 0.21 0.00	20.12 0.15 0.00	19.43 0.13 0.00	17.64 -0.08 0.00	17.88 -0.16 0.00	22.42 -0.60 0.00	30.46 -1.07 0.00	30.72 -0.92 0.00	30.69 -0.84 0.00	25.58 -0.95 0.00	18.76 -0.50 0.00	18.27 -0.46 0.00
HQ_GEN_CEDARS 23644	18.64 0.06 0.00	18.65 0.12 0.00	18.47 0.12 0.00	18.17 0.15 0.00	20.14 0.23 0.00	20.49 0.26 0.00	24.26 0.03 0.00	28.16 0.03 0.00	18.90 0.16 0.00	17.01 0.09 0.00	18.79 0.09 0.00	21.16 -0.01 0.00	20.51 -0.08 0.00	19.80 -0.17 0.00	19.08 -0.22 0.00	17.55 -0.16 0.00	17.97 -0.06 0.00	23.10 0.08 0.00	31.65 0.12 0.00	31.75 0.11 0.00	31.75 0.22 0.00	26.77 0.24 0.00	19.47 0.22 0.00	18.90 0.16 0.00

HQ_GEN_CEDARS_PROXY 323590	18.64 0.06 0.00	18.65 0.12 0.00	18.47 0.12 0.00	18.16 0.15 0.00	20.14 0.23 0.00	20.49 0.26 0.00	24.26 0.03 0.00	27.46 0.03 0.70	18.90 0.16 0.00	17.01 0.09 0.00	18.79 0.09 0.00	21.16 -0.01 0.00	20.51 -0.08 0.00	19.80 -0.17 0.00	19.08 -0.22 0.00	17.55 -0.16 0.00	17.97 -0.06 0.00	23.10 0.08 0.00	31.65 0.12 0.00	31.75 0.11 0.00	31.75 0.22 0.00	26.77 0.24 0.00	19.47 0.22 0.00	18.90 0.16 0.00
HQ_GEN_IMPORT 323601	18.61 0.04 0.00	18.59 0.06 0.00	18.41 0.06 0.00	18.10 0.09 0.00	20.03 0.12 0.00	20.35 0.12 0.00	24.14 -0.09 0.00	28.04 -0.08 0.00	18.82 0.09 0.01	16.99 0.06 0.00	18.77 0.07 0.00	21.19 0.02 0.00	20.59 0.00 0.00	19.93 -0.04 0.00	19.24 -0.06 0.00	17.68 -0.04 0.00	18.04 0.00 0.00	23.08 0.06 0.00	31.59 0.06 0.00	31.61 -0.03 0.00	31.56 0.03 0.00	26.61 0.08 0.00	19.36 0.10 0.00	18.81 0.08 0.00
HQ_GEN_WHEEL 23651	18.61 0.04 0.00	18.59 0.06 0.00	18.41 0.06 0.00	18.10 0.09 0.00	20.03 0.12 0.00	20.35 0.12 0.00	24.14 -0.09 0.00	28.04 -0.08 0.00	18.82 0.09 0.01	16.99 0.06 0.00	18.77 0.07 0.00	21.19 0.02 0.00	20.59 0.00 0.00	19.93 -0.04 0.00	19.24 -0.06 0.00	17.68 -0.04 0.00	18.04 0.00 0.00	23.08 0.06 0.00	31.59 0.06 0.00	31.61 -0.03 0.00	31.56 0.03 0.00	26.61 0.08 0.00	19.36 0.10 0.00	18.81 0.08 0.00
HUDSON_AVE_GT_3 23810	19.45 0.87 0.00	19.30 0.77 0.00	19.11 0.76 0.00	18.73 0.72 0.00	20.57 0.66 0.00	20.97 0.73 0.00	25.53 1.29 0.00	30.07 1.58 -0.36	20.05 0.90 -0.41	18.12 0.88 -0.31	19.72 1.02 0.00	22.32 1.15 0.00	21.75 1.16 0.00	21.19 1.22 0.00	20.53 1.23 0.00	18.98 1.22 -0.04	19.67 1.18 -0.46	24.49 1.48 0.00	33.40 1.87 0.00	33.52 1.88 0.00	33.28 1.76 0.00	27.91 1.38 0.00	20.10 0.85 0.00	19.60 0.87 0.00
HUDSON_AVE_GT_4 23540	19.45 0.87 0.00	19.30 0.77 0.00	19.11 0.76 0.00	18.73 0.72 0.00	20.57 0.66 0.00	20.97 0.73 0.00	25.53 1.29 0.00	30.07 1.58 -0.36	20.05 0.90 -0.41	18.12 0.88 -0.31	19.72 1.02 0.00	22.32 1.15 0.00	21.75 1.16 0.00	21.19 1.22 0.00	20.53 1.23 0.00	18.98 1.22 -0.04	19.67 1.18 -0.46	24.49 1.48 0.00	33.40 1.87 0.00	33.52 1.88 0.00	33.28 1.76 0.00	27.91 1.38 0.00	20.10 0.85 0.00	19.60 0.87 0.00
HUDSON_AVE_GT_5 23657	19.45 0.87 0.00	19.30 0.77 0.00	19.11 0.76 0.00	18.73 0.72 0.00	20.57 0.66 0.00	20.97 0.73 0.00	25.53 1.29 0.00	30.07 1.58 -0.36	20.05 0.90 -0.41	18.12 0.88 -0.31	19.72 1.02 0.00	22.32 1.15 0.00	21.75 1.16 0.00	21.19 1.22 0.00	20.53 1.23 0.00	18.98 1.22 -0.04	19.67 1.18 -0.46	24.49 1.48 0.00	33.40 1.87 0.00	33.52 1.88 0.00	33.28 1.76 0.00	27.91 1.38 0.00	20.10 0.85 0.00	19.60 0.87 0.00
HUDSON_AVE_10 24168	19.38 0.81 0.00	19.23 0.70 0.00	19.04 0.70 0.00	18.68 0.67 0.00	20.53 0.62 0.00	20.92 0.68 0.00	25.47 1.24 0.00	30.00 1.52 -0.36	20.00 0.84 -0.41	18.06 0.83 -0.31	19.65 0.95 0.00	22.23 1.06 0.00	21.67 1.07 0.00	21.12 1.15 0.00	20.46 1.16 0.00	18.91 1.15 -0.04	19.61 1.12 -0.46	24.42 1.40 0.00	33.30 1.77 0.00	33.42 1.78 0.00	33.19 1.66 0.00	27.83 1.30 0.00	20.03 0.77 0.00	19.54 0.80 0.00
HUDSON___115KV_TB 4 355613	19.03 0.46 0.00	18.97 0.44 0.00	18.79 0.44 0.00	18.47 0.46 0.00	20.35 0.44 0.00	20.75 0.51 0.00	25.16 0.92 0.00	29.07 0.94 0.00	19.16 0.42 0.00	17.16 0.23 0.00	18.83 0.12 0.00	21.25 0.09 0.00	20.66 0.07 0.00	20.12 0.15 0.00	19.49 0.19 0.00	17.91 0.19 0.00	18.25 0.21 0.00	23.40 0.38 0.00	32.34 0.81 0.00	32.69 1.05 0.00	32.56 1.03 0.00	27.35 0.82 0.00	19.73 0.48 0.00	19.14 0.40 0.00
HUNTER MOUNT___DRP 323613	19.12 0.55 0.00	19.07 0.54 0.00	18.89 0.54 0.00	18.58 0.56 0.00	20.48 0.57 0.00	20.90 0.66 0.00	25.34 1.11 0.00	29.26 1.14 0.00	19.24 0.49 0.00	17.17 0.25 0.00	18.85 0.15 0.00	21.24 0.07 0.00	20.64 0.04 0.00	20.09 0.12 0.00	19.45 0.15 0.00	17.87 0.15 0.00	18.24 0.20 0.00	23.43 0.41 0.00	32.46 0.93 0.00	32.86 1.22 0.00	32.74 1.21 0.00	27.51 0.98 0.00	19.85 0.59 0.00	19.22 0.48 0.00
HUNTINGTON_RES_REC 323705	287.56 0.87 -268.12	43.07 0.85 -23.68	440.69 0.88 -421.47	18.93 0.72 -0.20	34.08 0.53 -13.65	80.83 0.46 -60.13	447.39 0.85 -422.30	52.73 0.96 -23.65	17.95 0.52 1.31	16.53 0.58 0.98	19.69 0.99 0.00	22.32 1.15 0.00	21.74 1.14 0.00	21.15 1.18 0.00	20.48 1.18 0.00	18.93 1.22 0.00	19.04 0.99 -0.01	25.60 1.28 -1.30	362.71 1.57 -329.60	302.34 1.55 -269.15	288.70 1.54 -255.63	131.68 1.13 -104.01	19.89 0.64 0.00	19.49 0.75 0.00
HUNTLEY___63 23557	17.98 -0.60 0.00	18.01 -0.51 0.00	17.91 -0.44 0.00	17.59 -0.43 0.00	19.53 -0.38 0.00	19.66 -0.57 0.00	23.12 -1.12 0.00	27.09 -1.03 0.00	18.25 -0.49 0.00	16.64 -0.29 0.00	18.52 -0.18 0.00	21.40 0.23 0.00	20.95 0.35 0.00	20.05 0.08 0.00	19.27 -0.03 0.00	17.43 -0.29 0.00	17.53 -0.51 0.00	21.55 -1.47 0.00	28.91 -2.62 0.00	29.18 -2.46 0.00	28.97 -2.56 0.00	24.39 -2.14 0.00	18.06 -1.20 0.00	17.80 -0.93 0.00
HUNTLEY___64 23558	17.98 -0.60 0.00	18.01 -0.51 0.00	17.91 -0.44 0.00	17.59 -0.43 0.00	19.53 -0.38 0.00	19.66 -0.57 0.00	23.12 -1.12 0.00	27.09 -1.03 0.00	18.25 -0.49 0.00	16.64 -0.29 0.00	18.52 -0.18 0.00	21.40 0.23 0.00	20.95 0.35 0.00	20.05 0.08 0.00	19.27 -0.03 0.00	17.43 -0.29 0.00	17.53 -0.51 0.00	21.55 -1.47 0.00	28.91 -2.62 0.00	29.18 -2.46 0.00	28.97 -2.56 0.00	24.39 -2.14 0.00	18.06 -1.20 0.00	17.80 -0.93 0.00
HUNTLEY___65 23559	17.98 -0.60 0.00	18.01 -0.51 0.00	17.91 -0.44 0.00	17.59 -0.43 0.00	19.53 -0.38 0.00	19.66 -0.57 0.00	23.12 -1.12 0.00	27.09 -1.03 0.00	18.25 -0.49 0.00	16.64 -0.29 0.00	18.52 -0.18 0.00	21.40 0.23 0.00	20.95 0.35 0.00	20.05 0.08 0.00	19.27 -0.03 0.00	17.43 -0.29 0.00	17.53 -0.51 0.00	21.55 -1.47 0.00	28.91 -2.62 0.00	29.18 -2.46 0.00	28.97 -2.56 0.00	24.39 -2.14 0.00	18.06 -1.20 0.00	17.80 -0.93 0.00
HUNTLEY___66 23560	17.98 -0.60 0.00	18.01 -0.51 0.00	17.91 -0.44 0.00	17.59 -0.43 0.00	19.53 -0.38 0.00	19.66 -0.57 0.00	23.12 -1.12 0.00	27.09 -1.03 0.00	18.25 -0.49 0.00	16.64 -0.29 0.00	18.52 -0.18 0.00	21.40 0.23 0.00	20.95 0.35 0.00	20.05 0.08 0.00	19.27 -0.03 0.00	17.43 -0.29 0.00	17.53 -0.51 0.00	21.55 -1.47 0.00	28.91 -2.62 0.00	29.18 -2.46 0.00	28.97 -2.56 0.00	24.39 -2.14 0.00	18.06 -1.20 0.00	17.80 -0.93 0.00
HUNTLEY___67 23561	17.90 -0.68 0.00	17.93 -0.60 0.00	17.82 -0.53 0.00	17.50 -0.52 0.00	19.43 -0.48 0.00	19.54 -0.70 0.00	22.98 -1.25 0.00	26.85 -1.27 0.00	18.04 -0.70 0.00	16.47 -0.46 0.00	18.33 -0.38 0.00	21.17 0.01 0.00	20.77 0.18 0.00	19.98 0.01 0.00	19.20 -0.09 0.00	17.38 -0.34 0.00	17.48 -0.55 0.00	21.52 -1.50 0.00	28.87 -2.66 0.00	29.13 -2.51 0.00	28.90 -2.63 0.00	24.33 -2.20 0.00	18.00 -1.25 0.00	17.75 -0.98 0.00

HUNTLEY___68 23562	17.90 -0.68 0.00	17.93 -0.60 0.00	17.82 -0.53 0.00	17.50 -0.52 0.00	19.43 -0.48 0.00	19.54 -0.70 0.00	22.98 -1.25 0.00	26.85 -1.27 0.00	18.04 -0.70 0.00	16.47 -0.46 0.00	18.33 -0.38 0.00	21.17 0.01 0.00	20.77 0.18 0.00	19.98 0.01 0.00	19.20 -0.09 0.00	17.38 -0.34 0.00	17.48 -0.55 0.00	21.52 -1.50 0.00	28.87 -2.66 0.00	29.13 -2.51 0.00	28.90 -2.63 0.00	24.33 -2.20 0.00	18.00 -1.25 0.00	17.75 -0.98 0.00
HYLAND___LFGE 323620	18.98 0.40 0.00	18.97 0.44 0.00	18.85 0.50 0.00	18.53 0.52 0.00	20.61 0.70 0.00	20.90 0.67 0.00	24.96 0.72 0.00	29.09 0.96 0.00	18.80 0.06 0.00	17.02 0.09 0.00	19.11 0.40 0.00	21.82 0.66 0.00	21.07 0.47 0.00	20.31 0.34 0.00	19.58 0.28 0.00	17.79 0.07 0.00	18.00 -0.04 0.00	22.54 -0.48 0.00	30.61 -0.92 0.00	31.51 -0.13 0.00	31.82 0.29 0.00	26.69 0.16 0.00	19.49 0.24 0.00	19.03 0.30 0.00
INDECK___CORINTH 23802	18.90 0.33 0.00	18.86 0.33 0.00	18.65 0.31 0.00	18.32 0.31 0.00	20.28 0.37 0.00	20.75 0.52 0.00	25.25 1.02 0.00	29.20 1.14 0.06	18.58 0.35 0.51	16.72 0.18 0.38	18.91 0.20 0.00	21.37 0.20 0.00	20.87 0.27 0.00	20.22 0.25 0.00	19.56 0.26 0.00	17.94 0.23 0.00	18.40 0.36 0.00	23.63 0.61 0.00	32.61 1.08 0.00	32.90 1.26 0.00	32.65 1.13 0.00	27.40 0.86 0.00	19.73 0.48 0.00	19.09 0.35 0.00
INDECK___ILION 23567	18.46 -0.11 0.00	18.40 -0.13 0.00	18.21 -0.14 0.00	17.89 -0.13 0.00	19.75 -0.16 0.00	20.11 -0.12 0.00	24.32 0.08 0.00	28.18 0.06 0.00	18.63 -0.11 0.00	16.78 -0.15 0.00	18.50 -0.21 0.00	20.91 -0.25 0.00	20.35 -0.25 0.00	19.75 -0.22 0.00	19.07 -0.23 0.00	17.52 -0.20 0.00	17.83 -0.21 0.00	22.82 -0.20 0.00	31.47 -0.07 0.00	31.70 0.06 0.00	31.61 0.08 0.00	26.55 0.02 0.00	19.20 -0.06 0.00	18.64 -0.10 0.00
INDECK___OLEAN 23982	18.77 0.20 0.00	18.74 0.21 0.00	18.64 0.30 0.00	18.27 0.26 0.00	20.28 0.37 0.00	20.32 0.08 0.00	24.01 -0.22 0.00	28.04 -0.08 0.00	18.66 -0.08 0.00	17.13 0.21 0.00	19.15 0.44 0.00	22.10 0.93 0.00	21.59 1.00 0.00	20.82 0.86 0.00	20.06 0.76 0.00	18.12 0.41 0.00	18.12 0.09 0.00	22.54 -0.47 0.00	30.44 -1.09 0.00	30.74 -0.90 0.00	30.48 -1.05 0.00	25.54 -1.00 0.00	18.86 -0.40 0.00	18.69 -0.04 0.00
INDECK___OSWEGO 23783	18.08 -0.50 0.00	18.02 -0.51 0.00	17.82 -0.53 0.00	17.47 -0.54 0.00	19.35 -0.56 0.00	19.69 -0.54 0.00	23.63 -0.60 0.00	27.37 -0.75 0.00	18.17 -0.58 0.00	16.41 -0.52 0.00	18.13 -0.57 0.00	20.57 -0.59 0.00	20.01 -0.58 0.00	19.36 -0.61 0.00	18.72 -0.58 0.00	17.17 -0.55 0.00	17.46 -0.57 0.00	22.23 -0.79 0.00	30.48 -1.05 0.00	30.73 -0.91 0.00	30.64 -0.89 0.00	25.74 -0.79 0.00	18.69 -0.57 0.00	18.21 -0.53 0.00
INDECK___YERKES 23781	17.99 -0.58 0.00	18.04 -0.49 0.00	17.94 -0.41 0.00	17.62 -0.40 0.00	19.55 -0.36 0.00	19.68 -0.55 0.00	23.15 -1.08 0.00	27.13 -0.99 0.00	18.26 -0.48 0.00	16.66 -0.27 0.00	18.54 -0.16 0.00	21.43 0.26 0.00	20.97 0.37 0.00	20.08 0.10 0.00	19.29 0.00 0.00	17.45 -0.27 0.00	17.55 -0.48 0.00	21.58 -1.44 0.00	28.95 -2.58 0.00	29.22 -2.43 0.00	29.01 -2.52 0.00	24.43 -2.10 0.00	18.08 -1.18 0.00	17.82 -0.92 0.00
INDIAN POINT___GT_1 24139	19.32 0.74 0.00	19.18 0.65 0.00	18.98 0.63 0.00	18.60 0.59 0.00	20.44 0.53 0.00	20.81 0.57 0.00	25.30 1.06 0.00	29.46 1.28 -0.06	19.87 0.71 -0.41	17.93 0.69 -0.31	19.51 0.81 0.00	22.09 0.92 0.00	21.53 0.94 0.00	20.96 0.99 0.00	20.32 1.02 0.00	18.73 1.01 0.00	19.01 0.96 -0.01	24.24 1.22 0.00	33.11 1.58 0.00	33.25 1.61 0.00	33.02 1.49 0.00	27.70 1.17 0.00	19.96 0.70 0.00	19.45 0.72 0.00
INDIAN POINT___GT_2 23659	19.32 0.74 0.00	19.18 0.65 0.00	18.98 0.63 0.00	18.60 0.59 0.00	20.44 0.53 0.00	20.81 0.57 0.00	25.30 1.06 0.00	29.46 1.28 -0.06	19.87 0.71 -0.41	17.93 0.69 -0.31	19.51 0.81 0.00	22.09 0.92 0.00	21.53 0.94 0.00	20.96 0.99 0.00	20.32 1.02 0.00	18.73 1.01 0.00	19.01 0.96 -0.01	24.24 1.22 0.00	33.11 1.58 0.00	33.25 1.61 0.00	33.02 1.49 0.00	27.70 1.17 0.00	19.96 0.70 0.00	19.45 0.72 0.00
INDIAN POINT___GT_3 24019	19.32 0.74 0.00	19.18 0.65 0.00	18.98 0.63 0.00	18.60 0.59 0.00	20.44 0.53 0.00	20.81 0.57 0.00	25.30 1.06 0.00	29.46 1.28 -0.06	19.87 0.71 -0.41	17.93 0.69 -0.31	19.51 0.81 0.00	22.09 0.92 0.00	21.53 0.94 0.00	20.96 0.99 0.00	20.32 1.02 0.00	18.73 1.01 0.00	19.01 0.96 -0.01	24.24 1.22 0.00	33.11 1.58 0.00	33.25 1.61 0.00	33.02 1.49 0.00	27.70 1.17 0.00	19.96 0.70 0.00	19.45 0.72 0.00
INDIAN POINT___2 23530	19.33 0.76 0.00	19.20 0.67 0.00	18.99 0.64 0.00	18.61 0.60 0.00	20.45 0.54 0.00	20.82 0.58 0.00	25.31 1.07 0.00	29.48 1.29 -0.06	19.88 0.73 -0.41	17.95 0.71 -0.31	19.54 0.84 0.00	22.11 0.95 0.00	21.56 0.97 0.00	20.98 1.01 0.00	20.34 1.04 0.00	18.75 1.03 0.00	19.03 0.98 -0.01	24.26 1.24 0.00	33.13 1.60 0.00	33.27 1.63 0.00	33.04 1.51 0.00	27.71 1.18 0.00	19.97 0.72 0.00	19.46 0.72 0.00
INDIAN POINT___3 23531	19.26 0.68 0.00	19.13 0.60 0.00	18.93 0.58 0.00	18.56 0.55 0.00	20.40 0.49 0.00	20.75 0.52 0.00	25.22 0.98 0.00	29.34 1.17 -0.05	19.78 0.64 -0.40	17.85 0.63 -0.30	19.44 0.74 0.00	22.00 0.83 0.00	21.46 0.86 0.00	20.89 0.92 0.00	20.25 0.95 0.00	18.67 0.95 0.00	18.93 0.89 0.00	24.15 1.13 0.00	32.98 1.45 0.00	33.12 1.48 0.00	32.89 1.37 0.00	27.60 1.07 0.00	19.89 0.64 0.00	19.39 0.66 0.00
INGHAM_C_115KV_TB7 356103	18.14 -0.44 0.00	18.05 -0.48 0.00	17.88 -0.47 0.00	17.59 -0.43 0.00	19.39 -0.52 0.00	19.79 -0.45 0.00	24.13 -0.10 0.00	27.94 -0.19 0.00	18.33 -0.42 0.00	16.43 -0.49 0.00	18.06 -0.64 0.00	20.39 -0.77 0.00	19.84 -0.76 0.00	19.26 -0.71 0.00	18.57 -0.72 0.00	17.07 -0.64 0.00	17.37 -0.66 0.00	22.32 -0.70 0.00	31.02 -0.51 0.00	31.41 -0.23 0.00	31.35 -0.18 0.00	26.31 -0.22 0.00	18.95 -0.31 0.00	18.35 -0.38 0.00
IP CORINTH___1 23988	18.90 0.33 0.00	18.86 0.33 0.00	18.65 0.31 0.00	18.32 0.31 0.00	20.28 0.37 0.00	20.75 0.51 0.00	25.25 1.02 0.00	29.20 1.14 0.06	18.58 0.35 0.51	16.72 0.18 0.38	18.91 0.21 0.00	21.37 0.20 0.00	20.87 0.27 0.00	20.22 0.25 0.00	19.56 0.26 0.00	17.94 0.23 0.00	18.39 0.36 0.00	23.63 0.61 0.00	32.61 1.08 0.00	32.90 1.26 0.00	32.66 1.13 0.00	27.40 0.86 0.00	19.73 0.47 0.00	19.09 0.35 0.00
IP___TICONDEROGA 23804	19.30 0.73 0.00	19.30 0.76 0.00	19.04 0.70 0.00	18.77 0.75 0.00	20.88 0.98 0.00	21.58 1.34 0.00	26.50 2.26 0.00	30.59 2.53 0.06	19.00 0.78 0.52	16.96 0.43 0.39	19.45 0.75 0.00	21.90 0.74 0.00	21.59 0.99 0.00	20.67 0.70 0.00	20.04 0.75 0.00	18.31 0.59 0.00	19.02 0.98 0.00	24.51 1.49 0.00	33.88 2.35 0.00	34.35 2.71 0.00	33.90 2.37 0.00	28.32 1.79 0.00	20.36 1.10 0.00	19.58 0.85 0.00

ISLIP_RES_REC 323679	144.87 1.20 -125.11	30.75 1.18 -11.05	216.15 1.15 -196.66	19.11 1.00 -0.09	27.13 0.85 -6.37	49.11 0.82 -28.06	222.49 1.21 -197.05	40.67 1.48 -11.06	19.54 0.96 0.16	17.77 0.97 0.12	20.02 1.32 0.00	22.70 1.53 0.00	22.11 1.52 0.00	21.53 1.56 0.00	20.82 1.52 0.00	19.28 1.56 0.00	19.39 1.35 -0.01	25.39 1.77 -0.61	187.60 2.16 -153.91	159.48 2.16 -125.68	153.07 2.18 -119.37	76.76 1.66 -48.57	20.28 1.02 0.00	19.89 1.15 0.00
JAMAICA__27_KV_LOAD 355505	19.48 0.91 0.00	19.32 0.79 0.00	19.15 0.81 0.00	18.81 0.79 0.00	20.66 0.76 0.00	21.07 0.83 0.00	25.67 1.43 0.00	30.24 1.75 -0.36	20.10 0.95 -0.41	18.14 0.91 -0.31	19.69 0.99 0.00	22.28 1.11 0.00	21.70 1.11 0.00	21.19 1.23 0.00	20.50 1.20 0.00	18.95 1.19 -0.04	19.69 1.19 -0.46	24.51 1.49 0.00	33.43 1.90 0.00	33.58 1.94 0.00	33.37 1.84 0.00	27.98 1.45 0.00	20.10 0.85 0.00	19.62 0.89 0.00
JANIS__SOLAR 323808	19.07 0.49 0.00	18.97 0.44 0.00	18.83 0.49 0.00	18.55 0.53 0.00	20.65 0.74 0.00	21.03 0.79 0.00	25.38 1.15 0.00	29.57 1.44 0.00	19.23 0.48 0.00	17.19 0.27 0.00	18.85 0.15 0.00	21.27 0.11 0.00	20.67 0.08 0.00	19.95 -0.02 0.00	19.24 -0.05 0.00	17.56 -0.16 0.00	17.94 -0.09 0.00	23.02 0.00 0.00	32.07 0.54 0.00	32.75 1.11 0.00	32.73 1.20 0.00	27.45 0.92 0.00	19.92 0.67 0.00	19.41 0.67 0.00
JARVIS____ 23743	18.60 0.02 0.00	18.55 0.01 0.00	18.35 0.01 0.00	18.01 0.00 0.00	19.89 -0.02 0.00	20.24 0.00 0.00	24.33 0.10 0.00	28.22 0.10 0.00	18.76 0.02 0.00	16.93 0.01 0.00	18.70 0.00 0.00	21.17 0.01 0.00	20.60 0.00 0.00	19.99 0.02 0.00	19.32 0.02 0.00	17.74 0.02 0.00	18.06 0.02 0.00	23.06 0.04 0.00	31.63 0.10 0.00	31.77 0.13 0.00	31.64 0.11 0.00	26.61 0.08 0.00	19.28 0.03 0.00	18.76 0.02 0.00
JENNISON__1 23625	18.85 0.28 0.00	18.69 0.16 0.00	18.58 0.23 0.00	18.36 0.35 0.00	20.53 0.62 0.00	20.90 0.67 0.00	25.26 1.02 0.00	29.43 1.30 0.00	19.40 0.66 0.00	17.47 0.55 0.00	19.24 0.53 0.00	21.67 0.50 0.00	20.97 0.37 0.00	20.19 0.21 0.00	19.43 0.14 0.00	17.72 0.00 0.00	18.07 0.03 0.00	23.18 0.17 0.00	32.20 0.67 0.00	32.79 1.15 0.00	32.68 1.15 0.00	27.44 0.91 0.00	19.92 0.66 0.00	19.43 0.69 0.00
JENNISON__2 23626	18.85 0.28 0.00	18.69 0.16 0.00	18.58 0.23 0.00	18.36 0.35 0.00	20.53 0.62 0.00	20.90 0.67 0.00	25.26 1.02 0.00	29.43 1.30 0.00	19.40 0.66 0.00	17.47 0.55 0.00	19.24 0.53 0.00	21.67 0.50 0.00	20.97 0.37 0.00	20.19 0.21 0.00	19.43 0.14 0.00	17.72 0.00 0.00	18.07 0.03 0.00	23.18 0.17 0.00	32.20 0.67 0.00	32.79 1.15 0.00	32.68 1.15 0.00	27.44 0.91 0.00	19.92 0.66 0.00	19.43 0.69 0.00
JERICHO_RISE_WT_PWR 323719	18.40 -0.18 0.00	18.54 0.01 0.00	18.47 0.12 0.00	18.25 0.23 0.00	20.28 0.37 0.00	20.73 0.49 0.00	24.58 0.35 0.00	28.58 0.45 0.00	19.08 0.34 0.00	17.04 0.12 0.00	18.73 0.02 0.00	20.93 -0.23 0.00	20.31 -0.28 0.00	19.50 -0.47 0.00	18.81 -0.49 0.00	17.30 -0.42 0.00	17.72 -0.31 0.00	22.92 -0.10 0.00	31.78 0.24 0.00	32.37 0.73 0.00	32.44 0.91 0.00	27.25 0.72 0.00	19.59 0.33 0.00	19.01 0.28 0.00
KATONAH__115KV_46KV_TB4 355592	19.36 0.79 0.00	19.23 0.70 0.00	19.02 0.68 0.00	18.65 0.63 0.00	20.50 0.59 0.00	20.88 0.64 0.00	25.39 1.16 0.00	29.57 1.40 -0.05	19.90 0.78 -0.37	17.96 0.75 -0.28	19.57 0.87 0.00	22.14 0.97 0.00	21.59 0.99 0.00	21.01 1.03 0.00	20.36 1.07 0.00	18.76 1.05 0.00	19.04 1.01 0.00	24.31 1.29 0.00	33.23 1.69 0.00	33.37 1.73 0.00	33.14 1.61 0.00	27.80 1.27 0.00	20.03 0.77 0.00	19.49 0.76 0.00
KCE_NY_1 323755	19.08 0.51 0.00	19.01 0.48 0.00	18.81 0.46 0.00	18.48 0.46 0.00	20.43 0.51 0.00	20.85 0.62 0.00	25.31 1.08 0.00	29.26 1.20 0.07	18.70 0.50 0.54	16.88 0.36 0.41	19.05 0.35 0.00	21.55 0.39 0.00	21.02 0.43 0.00	20.41 0.44 0.00	19.73 0.43 0.00	18.12 0.41 0.00	18.53 0.50 0.00	23.74 0.72 0.00	32.71 1.18 0.00	32.97 1.33 0.00	32.76 1.23 0.00	27.51 0.98 0.00	19.84 0.58 0.00	19.24 0.51 0.00
KCE_NY_6_ESR 323823	18.15 -0.42 0.00	18.17 -0.36 0.00	18.06 -0.29 0.00	17.73 -0.28 0.00	19.69 -0.22 0.00	19.81 -0.43 0.00	23.37 -0.87 0.00	27.32 -0.80 0.00	18.32 -0.42 0.00	16.73 -0.20 0.00	18.62 -0.08 0.00	21.49 0.32 0.00	21.06 0.46 0.00	20.26 0.29 0.00	19.48 0.19 0.00	17.65 -0.07 0.00	17.76 -0.27 0.00	21.90 -1.12 0.00	29.43 -2.10 0.00	29.68 -1.96 0.00	29.46 -2.07 0.00	24.77 -1.76 0.00	18.28 -0.98 0.00	18.00 -0.73 0.00
KEDC_PORT_JEFF_GT2 24210	177.62 1.09 -157.96	33.56 1.08 -13.95	267.70 1.06 -248.30	19.05 0.91 -0.12	28.70 0.75 -8.04	56.36 0.70 -35.42	274.10 1.07 -248.79	43.38 1.29 -13.96	19.28 0.79 0.25	17.55 0.81 0.18	19.92 1.21 0.00	22.57 1.41 0.00	22.00 1.41 0.00	21.42 1.44 0.00	20.72 1.42 0.00	19.17 1.45 0.00	19.28 1.23 -0.01	25.33 1.55 -0.76	227.67 1.87 -194.27	192.14 1.86 -158.64	184.07 1.87 -150.67	89.23 1.40 -61.30	20.10 0.85 0.00	19.76 1.03 0.00
KEDC_PORT_JEFF_GT3 24211	177.62 1.09 -157.96	33.56 1.08 -13.95	267.70 1.06 -248.30	19.05 0.91 -0.12	28.70 0.75 -8.04	56.36 0.70 -35.42	274.10 1.07 -248.79	43.38 1.29 -13.96	19.28 0.79 0.25	17.55 0.81 0.18	19.92 1.21 0.00	22.57 1.41 0.00	22.00 1.41 0.00	21.42 1.44 0.00	20.72 1.42 0.00	19.17 1.45 0.00	19.28 1.23 -0.01	25.33 1.55 -0.76	227.67 1.87 -194.27	192.14 1.86 -158.64	184.07 1.87 -150.67	89.23 1.40 -61.30	20.10 0.85 0.00	19.76 1.03 0.00
KEDC_GLWD_GT4 24219	19.45 0.87 0.00	19.33 0.80 0.00	19.13 0.78 0.00	18.72 0.70 0.00	20.52 0.61 0.00	20.87 0.63 0.00	25.31 1.07 0.00	29.47 1.31 -0.04	19.92 0.77 -0.41	18.01 0.78 -0.31	19.74 1.04 0.00	22.48 1.32 0.00	21.93 1.33 0.00	21.29 1.32 0.00	20.63 1.33 0.00	19.04 1.32 0.00	19.24 1.19 -0.01	24.54 1.52 0.00	33.45 1.92 0.00	33.56 1.92 0.00	33.38 1.86 0.00	27.95 1.42 0.00	20.12 0.86 0.00	19.61 0.88 0.00
KEDC_GLWD_GT5 24220	19.45 0.87 0.00	19.33 0.80 0.00	19.13 0.78 0.00	18.72 0.70 0.00	20.52 0.61 0.00	20.87 0.63 0.00	25.31 1.07 0.00	29.47 1.31 -0.04	19.92 0.77 -0.41	18.01 0.78 -0.31	19.74 1.04 0.00	22.48 1.32 0.00	21.93 1.33 0.00	21.29 1.32 0.00	20.63 1.33 0.00	19.04 1.32 0.00	19.24 1.19 -0.01	24.54 1.52 0.00	33.45 1.92 0.00	33.56 1.92 0.00	33.38 1.86 0.00	27.95 1.42 0.00	20.12 0.86 0.00	19.61 0.88 0.00
KENSICO____ 23655	19.33 0.75 0.00	19.20 0.67 0.00	18.99 0.64 0.00	18.62 0.60 0.00	20.45 0.54 0.00	20.82 0.58 0.00	25.31 1.07 0.00	29.48 1.29 -0.06	19.88 0.73 -0.41	17.95 0.71 -0.31	19.53 0.83 0.00	22.10 0.94 0.00	21.55 0.96 0.00	20.98 1.01 0.00	20.34 1.04 0.00	18.75 1.03 0.00	19.02 0.97 -0.01	24.25 1.24 0.00	33.13 1.60 0.00	33.26 1.62 0.00	33.03 1.50 0.00	27.71 1.18 0.00	19.97 0.71 0.00	19.46 0.72 0.00

LITTLRIV_115KV_TB1 356100	18.49 -0.08 0.00	18.52 -0.01 0.00	18.31 -0.04 0.00	18.00 -0.02 0.00	20.00 0.09 0.00	20.42 0.18 0.00	24.21 -0.02 0.00	28.06 -0.06 0.00	18.72 -0.02 0.00	16.78 -0.15 0.00	18.50 -0.21 0.00	20.78 -0.39 0.00	20.10 -0.49 0.00	19.37 -0.60 0.00	18.65 -0.65 0.00	17.18 -0.53 0.00	17.63 -0.40 0.00	22.84 -0.18 0.00	31.38 -0.15 0.00	31.65 0.01 0.00	31.75 0.22 0.00	26.74 0.21 0.00	19.42 0.16 0.00	18.81 0.08 0.00
LI_NEWBRDGE___DRP 323616	19.34 0.77 0.00	19.26 0.73 0.00	19.07 0.73 0.00	18.63 0.61 0.00	20.38 0.47 0.00	20.68 0.44 0.00	25.06 0.82 0.00	29.16 1.00 -0.04	19.73 0.58 -0.41	17.87 0.63 -0.31	19.63 0.93 0.00	22.26 1.10 0.00	21.71 1.12 0.00	21.11 1.14 0.00	20.45 1.15 0.00	18.88 1.16 0.00	19.06 1.02 -0.01	24.31 1.29 0.00	33.13 1.60 0.00	33.23 1.58 0.00	33.06 1.53 0.00	27.69 1.16 0.00	19.94 0.68 0.00	19.46 0.73 0.00
LOCKPORT_115KV_TB60_63_64 80432	17.81 -0.77 0.00	17.85 -0.68 0.00	17.74 -0.60 0.00	17.43 -0.59 0.00	19.35 -0.56 0.00	19.47 -0.77 0.00	22.88 -1.35 0.00	26.76 -1.36 0.00	17.99 -0.75 0.00	16.39 -0.54 0.00	18.22 -0.48 0.00	21.09 -0.07 0.00	20.70 0.10 0.00	19.90 -0.07 0.00	19.12 -0.18 0.00	17.30 -0.42 0.00	17.38 -0.65 0.00	21.33 -1.69 0.00	28.62 -2.92 0.00	28.91 -2.73 0.00	28.71 -2.82 0.00	24.20 -2.33 0.00	17.93 -1.33 0.00	17.67 -1.06 0.00
LOCKPORT___CC1 323769	17.81 -0.77 0.00	17.85 -0.68 0.00	17.75 -0.60 0.00	17.43 -0.59 0.00	19.35 -0.56 0.00	19.46 -0.77 0.00	22.88 -1.35 0.00	26.76 -1.36 0.00	17.98 -0.77 0.00	16.39 -0.54 0.00	18.23 -0.47 0.00	21.10 -0.06 0.00	20.70 0.10 0.00	19.91 -0.06 0.00	19.12 -0.18 0.00	17.30 -0.42 0.00	17.38 -0.65 0.00	21.34 -1.68 0.00	28.63 -2.90 0.00	28.92 -2.72 0.00	28.71 -2.82 0.00	24.19 -2.34 0.00	17.91 -1.34 0.00	17.67 -1.07 0.00
LOCKPORT___CC2 323770	17.81 -0.77 0.00	17.85 -0.68 0.00	17.75 -0.60 0.00	17.43 -0.59 0.00	19.35 -0.56 0.00	19.46 -0.77 0.00	22.88 -1.35 0.00	26.76 -1.36 0.00	17.98 -0.77 0.00	16.39 -0.54 0.00	18.23 -0.47 0.00	21.10 -0.06 0.00	20.70 0.10 0.00	19.91 -0.06 0.00	19.12 -0.18 0.00	17.30 -0.42 0.00	17.38 -0.65 0.00	21.34 -1.68 0.00	28.63 -2.90 0.00	28.92 -2.72 0.00	28.71 -2.82 0.00	24.19 -2.34 0.00	17.91 -1.34 0.00	17.67 -1.07 0.00
LOCKPORT___CC3 323771	17.81 -0.77 0.00	17.85 -0.68 0.00	17.75 -0.60 0.00	17.43 -0.59 0.00	19.35 -0.56 0.00	19.46 -0.77 0.00	22.88 -1.35 0.00	26.76 -1.36 0.00	17.98 -0.77 0.00	16.39 -0.54 0.00	18.23 -0.47 0.00	21.10 -0.06 0.00	20.70 0.10 0.00	19.91 -0.06 0.00	19.12 -0.18 0.00	17.30 -0.42 0.00	17.38 -0.65 0.00	21.34 -1.68 0.00	28.63 -2.90 0.00	28.92 -2.72 0.00	28.71 -2.82 0.00	24.19 -2.34 0.00	17.91 -1.34 0.00	17.67 -1.07 0.00
LONG_LAKE_PHOENIX 24014	18.13 -0.44 0.00	18.08 -0.45 0.00	17.90 -0.45 0.00	17.56 -0.45 0.00	19.45 -0.46 0.00	19.78 -0.45 0.00	23.73 -0.51 0.00	27.52 -0.60 0.00	18.24 -0.50 0.00	16.48 -0.45 0.00	18.21 -0.49 0.00	20.66 -0.51 0.00	20.11 -0.48 0.00	19.47 -0.50 0.00	18.82 -0.48 0.00	17.25 -0.47 0.00	17.53 -0.50 0.00	22.32 -0.70 0.00	30.60 -0.93 0.00	30.85 -0.79 0.00	30.74 -0.79 0.00	25.82 -0.71 0.00	18.74 -0.51 0.00	18.26 -0.47 0.00
LOVETT___3 23632	19.25 0.67 0.00	19.12 0.59 0.00	18.92 0.58 0.00	18.56 0.54 0.00	20.40 0.49 0.00	20.73 0.50 0.00	25.18 0.95 0.00	29.30 1.13 -0.04	19.72 0.61 -0.36	17.81 0.61 -0.27	19.41 0.70 0.00	21.98 0.81 0.00	21.44 0.85 0.00	20.88 0.91 0.00	20.24 0.94 0.00	18.66 0.94 0.00	18.92 0.88 0.00	24.14 1.12 0.00	32.95 1.42 0.00	33.08 1.44 0.00	32.86 1.33 0.00	27.57 1.04 0.00	19.88 0.62 0.00	19.39 0.66 0.00
LOVETT___4 23642	19.25 0.67 0.00	19.12 0.59 0.00	18.92 0.58 0.00	18.56 0.54 0.00	20.40 0.49 0.00	20.73 0.50 0.00	25.18 0.95 0.00	29.30 1.13 -0.04	19.72 0.61 -0.36	17.81 0.61 -0.27	19.41 0.70 0.00	21.98 0.81 0.00	21.44 0.85 0.00	20.88 0.91 0.00	20.24 0.94 0.00	18.66 0.94 0.00	18.92 0.88 0.00	24.14 1.12 0.00	32.95 1.42 0.00	33.08 1.44 0.00	32.86 1.33 0.00	27.57 1.04 0.00	19.88 0.62 0.00	19.39 0.66 0.00
LOVETT___5 23593	19.25 0.67 0.00	19.12 0.59 0.00	18.92 0.58 0.00	18.56 0.54 0.00	20.40 0.49 0.00	20.73 0.50 0.00	25.18 0.95 0.00	29.30 1.13 -0.04	19.72 0.61 -0.36	17.81 0.61 -0.27	19.41 0.70 0.00	21.98 0.81 0.00	21.44 0.85 0.00	20.88 0.91 0.00	20.24 0.94 0.00	18.66 0.94 0.00	18.92 0.88 0.00	24.14 1.12 0.00	32.95 1.42 0.00	33.08 1.44 0.00	32.86 1.33 0.00	27.57 1.04 0.00	19.88 0.62 0.00	19.39 0.66 0.00
LOWER_RAQUET___HYD 24057	18.15 -0.43 0.00	18.18 -0.35 0.00	17.98 -0.37 0.00	17.66 -0.36 0.00	19.62 -0.29 0.00	20.04 -0.20 0.00	23.76 -0.48 0.00	27.57 -0.55 0.00	18.45 -0.29 0.00	16.54 -0.38 0.00	18.24 -0.47 0.00	20.48 -0.68 0.00	19.81 -0.79 0.00	19.07 -0.90 0.00	18.36 -0.94 0.00	16.92 -0.79 0.00	17.38 -0.66 0.00	22.44 -0.57 0.00	30.87 -0.66 0.00	31.11 -0.53 0.00	31.19 -0.33 0.00	26.28 -0.25 0.00	19.07 -0.18 0.00	18.48 -0.25 0.00
LOWER___HUDSON 24059	18.89 0.32 0.00	18.82 0.29 0.00	18.63 0.28 0.00	18.30 0.28 0.00	20.19 0.28 0.00	20.58 0.35 0.00	24.98 0.74 0.00	28.85 0.81 0.09	18.33 0.29 0.71	16.61 0.21 0.53	18.88 0.17 0.00	21.36 0.19 0.00	20.81 0.22 0.00	20.24 0.27 0.00	19.59 0.29 0.00	18.00 0.28 0.00	18.34 0.31 0.00	23.46 0.45 0.00	32.26 0.73 0.00	32.48 0.84 0.00	32.28 0.75 0.00	27.18 0.65 0.00	19.62 0.36 0.00	19.02 0.29 0.00
LOWVILLE_115KV_TB2 356335	18.51 -0.06 0.00	18.51 -0.02 0.00	18.10 -0.24 0.00	17.49 -0.52 0.00	19.55 -0.36 0.00	20.22 -0.02 0.00	24.41 0.18 0.00	28.37 0.25 0.00	18.69 -0.05 0.00	16.72 -0.21 0.00	18.40 -0.30 0.00	20.74 -0.42 0.00	19.81 -0.78 0.00	18.92 -1.05 0.00	18.16 -1.14 0.00	16.85 -0.87 0.00	17.36 -0.67 0.00	22.50 -0.52 0.00	31.28 -0.25 0.00	31.92 0.28 0.00	32.12 0.59 0.00	26.96 0.43 0.00	19.52 0.26 0.00	18.93 0.20 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	19.09 0.52 0.00	19.03 0.50 0.00	18.82 0.48 0.00	18.49 0.47 0.00	20.43 0.52 0.00	20.85 0.62 0.00	25.30 1.07 0.00	29.24 1.18 0.07	18.69 0.49 0.54	16.87 0.36 0.41	19.05 0.35 0.00	21.55 0.39 0.00	21.03 0.43 0.00	20.42 0.45 0.00	19.73 0.44 0.00	18.12 0.40 0.00	18.52 0.49 0.00	23.74 0.72 0.00	32.70 1.17 0.00	32.94 1.30 0.00	32.74 1.21 0.00	27.50 0.97 0.00	19.84 0.59 0.00	19.24 0.50 0.00
LUTHERNY_35_KV_BK2 355980	19.08 0.51 0.00	19.01 0.48 0.00	18.81 0.46 0.00	18.48 0.46 0.00	20.43 0.51 0.00	20.85 0.61 0.00	25.31 1.08 0.00	29.26 1.20 0.07	18.70 0.50 0.54	16.88 0.36 0.41	19.05 0.35 0.00	21.55 0.39 0.00	21.02 0.43 0.00	20.41 0.44 0.00	19.73 0.43 0.00	18.13 0.41 0.00	18.53 0.49 0.00	23.74 0.72 0.00	32.72 1.18 0.00	32.97 1.33 0.00	32.76 1.23 0.00	27.50 0.98 0.00	19.84 0.58 0.00	19.24 0.51 0.00

LWR___OSWEGATCHIE_HYD 23850	18.17 -0.40 0.00	18.18 -0.35 0.00	17.87 -0.48 0.00	17.41 -0.61 0.00	19.41 -0.50 0.00	19.96 -0.28 0.00	23.88 -0.36 0.00	27.72 -0.40 0.00	18.38 -0.36 0.00	16.45 -0.47 0.00	18.13 -0.57 0.00	20.40 -0.77 0.00	19.60 -0.99 0.00	18.79 -1.18 0.00	18.07 -1.23 0.00	16.71 -1.01 0.00	17.19 -0.84 0.00	22.27 -0.75 0.00	30.78 -0.75 0.00	31.24 -0.40 0.00	31.41 -0.12 0.00	26.42 -0.11 0.00	19.14 -0.11 0.00	18.56 -0.18 0.00
LYONS_FALL_HYD 23570	18.68 0.11 0.00	18.66 0.13 0.00	18.32 -0.02 0.00	17.81 -0.20 0.00	19.83 -0.08 0.00	20.39 0.16 0.00	24.60 0.37 0.00	28.58 0.46 0.00	18.85 0.11 0.00	16.91 -0.02 0.00	18.63 -0.08 0.00	21.03 -0.14 0.00	20.21 -0.38 0.00	19.43 -0.54 0.00	18.70 -0.60 0.00	17.26 -0.46 0.00	17.71 -0.32 0.00	22.83 -0.18 0.00	31.63 0.10 0.00	32.13 0.49 0.00	32.21 0.69 0.00	27.04 0.51 0.00	19.57 0.32 0.00	19.00 0.26 0.00
MADISON___COUNTY_LFGE 323628	19.00 0.42 0.00	18.94 0.41 0.00	18.72 0.38 0.00	18.35 0.33 0.00	20.33 0.41 0.00	20.76 0.52 0.00	25.02 0.79 0.00	29.05 0.93 0.00	19.13 0.39 0.00	17.20 0.28 0.00	18.97 0.26 0.00	21.46 0.29 0.00	20.80 0.21 0.00	20.14 0.16 0.00	19.45 0.15 0.00	17.82 0.11 0.00	18.19 0.15 0.00	23.22 0.20 0.00	32.03 0.50 0.00	32.46 0.82 0.00	32.42 0.89 0.00	27.21 0.68 0.00	19.71 0.45 0.00	19.15 0.42 0.00
MALONE___115KV_TB1 356076	18.52 -0.05 0.00	18.63 0.10 0.00	18.53 0.19 0.00	18.29 0.27 0.00	20.33 0.42 0.00	20.78 0.55 0.00	24.68 0.45 0.00	28.70 0.58 0.00	19.15 0.41 0.00	17.09 0.17 0.00	18.78 0.08 0.00	21.00 -0.17 0.00	20.36 -0.24 0.00	19.55 -0.42 0.00	18.84 -0.46 0.00	17.34 -0.38 0.00	17.79 -0.25 0.00	23.00 -0.02 0.00	31.89 0.35 0.00	32.43 0.78 0.00	32.51 0.98 0.00	27.32 0.79 0.00	19.67 0.41 0.00	19.07 0.33 0.00
MAPLEWOD_115KV_TB3 80458	18.91 0.34 0.00	18.84 0.31 0.00	18.64 0.30 0.00	18.32 0.30 0.00	20.17 0.26 0.00	20.55 0.31 0.00	24.90 0.67 0.00	28.80 0.73 0.05	18.66 0.33 0.41	16.87 0.26 0.31	18.92 0.22 0.00	21.41 0.25 0.00	20.86 0.26 0.00	20.29 0.32 0.00	19.64 0.35 0.00	18.05 0.33 0.00	18.37 0.34 0.00	23.51 0.49 0.00	32.29 0.76 0.00	32.48 0.83 0.00	32.29 0.76 0.00	27.15 0.62 0.00	19.60 0.34 0.00	19.03 0.29 0.00
MAPLE_RIDGE_WT_1 323574	18.50 -0.07 0.00	18.50 -0.03 0.00	18.25 -0.09 0.00	17.82 -0.20 0.00	19.77 -0.14 0.00	20.17 -0.06 0.00	24.11 -0.12 0.00	28.07 -0.06 0.00	18.77 0.02 0.00	16.92 -0.01 0.00	18.70 0.00 0.00	21.06 -0.11 0.00	20.29 -0.31 0.00	19.54 -0.43 0.00	18.86 -0.44 0.00	17.42 -0.30 0.00	17.86 -0.17 0.00	22.93 -0.09 0.00	31.50 -0.04 0.00	31.62 -0.02 0.00	31.54 0.01 0.00	26.56 0.03 0.00	19.29 0.04 0.00	18.76 0.02 0.00
MAPLE_RIDGE_WT_2 323611	18.50 -0.07 0.00	18.50 -0.03 0.00	18.25 -0.09 0.00	17.82 -0.20 0.00	19.77 -0.14 0.00	20.17 -0.06 0.00	24.11 -0.12 0.00	28.07 -0.06 0.00	18.77 0.02 0.00	16.92 -0.01 0.00	18.70 0.00 0.00	21.06 -0.11 0.00	20.29 -0.31 0.00	19.54 -0.43 0.00	18.86 -0.44 0.00	17.42 -0.30 0.00	17.86 -0.17 0.00	22.93 -0.09 0.00	31.50 -0.04 0.00	31.62 -0.02 0.00	31.54 0.01 0.00	26.56 0.03 0.00	19.29 0.04 0.00	18.76 0.02 0.00
MARBLE_RIVER_WT_PWR 323696	18.30 -0.27 0.00	18.59 0.06 0.00	18.58 0.23 0.00	18.38 0.37 0.00	20.51 0.60 0.00	21.11 0.87 0.00	25.05 0.81 0.00	29.07 0.95 0.00	19.27 0.53 0.00	17.14 0.22 0.00	18.69 -0.02 0.00	20.85 -0.32 0.00	20.22 -0.37 0.00	19.30 -0.67 0.00	18.61 -0.69 0.00	17.10 -0.62 0.00	17.53 -0.51 0.00	22.77 -0.25 0.00	32.06 0.52 0.00	33.18 1.55 0.00	33.34 1.81 0.00	27.86 1.33 0.00	19.89 0.63 0.00	19.29 0.55 0.00
MARSHVLE_115KV_TB1 80742	19.56 0.99 0.00	19.54 1.01 0.00	19.36 1.02 0.00	19.01 1.00 0.00	21.07 1.16 0.00	21.42 1.19 0.00	25.50 1.27 0.00	29.65 1.53 0.00	19.74 0.99 0.00	17.84 0.92 0.00	19.76 1.06 0.00	22.34 1.18 0.00	21.69 1.09 0.00	20.94 0.97 0.00	20.07 0.77 0.00	18.37 0.65 0.00	18.68 0.65 0.00	23.87 0.85 0.00	32.87 1.34 0.00	33.29 1.65 0.00	33.30 1.77 0.00	27.96 1.43 0.00	20.42 1.16 0.00	19.90 1.16 0.00
MARSH_HILL_WT_PWR 323713	18.22 -0.35 0.00	18.21 -0.32 0.00	18.09 -0.25 0.00	17.83 -0.18 0.00	19.90 -0.01 0.00	20.14 -0.09 0.00	24.06 -0.17 0.00	28.07 -0.05 0.00	18.65 -0.09 0.00	16.97 0.05 0.00	18.71 0.01 0.00	21.29 0.13 0.00	20.79 0.19 0.00	20.10 0.13 0.00	19.42 0.12 0.00	17.63 -0.09 0.00	17.87 -0.16 0.00	22.40 -0.62 0.00	30.44 -1.09 0.00	30.68 -0.96 0.00	30.66 -0.87 0.00	25.56 -0.97 0.00	18.74 -0.52 0.00	18.25 -0.48 0.00
MCINTYRE_115KV_TB2 80467	18.77 0.19 0.00	18.79 0.26 0.00	18.59 0.25 0.00	18.29 0.28 0.00	20.31 0.40 0.00	20.72 0.48 0.00	24.53 0.30 0.00	28.41 0.29 0.00	18.93 0.18 0.00	16.97 0.05 0.00	18.72 0.02 0.00	21.03 -0.13 0.00	20.37 -0.23 0.00	19.65 -0.33 0.00	18.91 -0.39 0.00	17.42 -0.29 0.00	17.87 -0.17 0.00	23.14 0.12 0.00	31.73 0.20 0.00	32.03 0.39 0.00	32.14 0.61 0.00	27.09 0.56 0.00	19.68 0.43 0.00	19.07 0.33 0.00
MECO____69_KV_BK1 80468	20.11 1.54 0.00	20.06 1.52 0.00	19.84 1.50 0.00	19.46 1.45 0.00	21.56 1.65 0.00	22.02 1.79 0.00	26.60 2.37 0.00	30.95 2.83 0.00	20.13 1.38 0.00	18.12 1.19 0.00	19.87 1.16 0.00	22.40 1.24 0.00	21.97 1.37 0.00	21.18 1.21 0.00	20.27 0.97 0.00	18.56 0.84 0.00	18.90 0.87 0.00	24.41 1.39 0.00	34.08 2.55 0.00	34.73 3.09 0.00	34.75 3.22 0.00	29.10 2.57 0.00	21.12 1.86 0.00	20.51 1.77 0.00
MENANDS__115KV_TB5 355628	18.84 0.27 0.00	18.77 0.24 0.00	18.59 0.24 0.00	18.26 0.24 0.00	20.11 0.20 0.00	20.48 0.24 0.00	24.81 0.58 0.00	28.68 0.61 0.05	18.59 0.27 0.41	16.82 0.21 0.31	18.86 0.16 0.00	21.36 0.19 0.00	20.80 0.20 0.00	20.24 0.27 0.00	19.60 0.30 0.00	18.01 0.29 0.00	18.33 0.30 0.00	23.44 0.42 0.00	32.18 0.65 0.00	32.36 0.71 0.00	32.16 0.63 0.00	27.05 0.52 0.00	19.52 0.27 0.00	18.96 0.23 0.00
MG INDUSTRY___DRP 24185	18.87 0.30 0.00	18.83 0.30 0.00	18.64 0.30 0.00	18.32 0.30 0.00	20.18 0.28 0.00	20.54 0.30 0.00	24.82 0.59 0.00	28.64 0.51 0.00	18.89 0.14 0.00	17.00 0.08 0.00	18.71 0.01 0.00	21.17 0.00 0.00	20.60 0.01 0.00	20.05 0.08 0.00	19.44 0.15 0.00	17.86 0.15 0.00	18.21 0.18 0.00	23.32 0.30 0.00	32.09 0.56 0.00	32.30 0.65 0.00	32.13 0.60 0.00	27.01 0.48 0.00	19.53 0.27 0.00	18.98 0.25 0.00
MID___OSWEGATCHIE_HYD 23849	18.17 -0.40 0.00	18.18 -0.35 0.00	17.87 -0.48 0.00	17.41 -0.61 0.00	19.41 -0.50 0.00	19.96 -0.28 0.00	23.88 -0.36 0.00	27.72 -0.40 0.00	18.38 -0.36 0.00	16.45 -0.47 0.00	18.13 -0.57 0.00	20.40 -0.77 0.00	19.60 -0.99 0.00	18.79 -1.18 0.00	18.07 -1.23 0.00	16.71 -1.01 0.00	17.19 -0.84 0.00	22.27 -0.75 0.00	30.78 -0.75 0.00	31.24 -0.40 0.00	31.41 -0.12 0.00	26.42 -0.11 0.00	19.14 -0.11 0.00	18.56 -0.18 0.00

MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.39 0.81 0.00	19.25 0.72 0.00	19.05 0.70 0.00	18.67 0.66 0.00	20.51 0.61 0.00	20.90 0.66 0.00	25.43 1.19 0.00	29.52 1.45 0.05	19.97 0.82 -0.41	18.04 0.80 -0.31	19.64 0.94 0.00	22.22 1.05 0.00	21.66 1.07 0.00	21.09 1.12 0.00	20.44 1.14 0.00	18.83 1.13 0.01	18.97 1.08 0.15	24.38 1.36 0.00	33.27 1.74 0.00	33.40 1.75 0.00	33.16 1.63 0.00	27.81 1.28 0.00	20.04 0.78 0.00	19.53 0.79 0.00
MUNSVILLE_WIND_PWR 323609	19.41 0.84 0.00	19.31 0.78 0.00	19.18 0.84 0.00	18.96 0.94 0.00	21.19 1.28 0.00	21.64 1.41 0.00	26.22 1.98 0.00	30.52 2.40 0.00	19.88 1.14 0.00	17.77 0.84 0.00	19.48 0.77 0.00	21.87 0.71 0.00	21.21 0.61 0.00	20.36 0.39 0.00	19.59 0.29 0.00	17.88 0.16 0.00	18.29 0.25 0.00	23.57 0.55 0.00	33.06 1.53 0.00	33.84 2.20 0.00	33.82 2.29 0.00	28.36 1.83 0.00	20.54 1.29 0.00	20.01 1.27 0.00
N SALMON___HYD 24042	18.52 -0.05 0.00	18.63 0.10 0.00	18.53 0.19 0.00	18.29 0.27 0.00	20.33 0.42 0.00	20.78 0.55 0.00	24.68 0.44 0.00	28.70 0.58 0.00	19.15 0.41 0.00	17.09 0.17 0.00	18.78 0.08 0.00	21.00 -0.17 0.00	20.36 -0.24 0.00	19.55 -0.42 0.00	18.84 -0.46 0.00	17.34 -0.38 0.00	17.79 -0.25 0.00	23.00 -0.02 0.00	31.89 0.35 0.00	32.43 0.78 0.00	32.51 0.98 0.00	27.32 0.79 0.00	19.67 0.41 0.00	19.07 0.33 0.00
N.AKRON___115KV_KNAPP 355671	18.07 -0.50 0.00	18.11 -0.42 0.00	17.99 -0.36 0.00	17.67 -0.34 0.00	19.62 -0.29 0.00	19.77 -0.47 0.00	23.30 -0.93 0.00	27.27 -0.85 0.00	18.27 -0.47 0.00	16.60 -0.32 0.00	18.44 -0.26 0.00	21.44 0.28 0.00	20.88 0.29 0.00	20.08 0.10 0.00	19.29 -0.01 0.00	17.45 -0.26 0.00	17.54 -0.49 0.00	21.61 -1.40 0.00	29.16 -2.37 0.00	29.50 -2.14 0.00	29.33 -2.20 0.00	24.70 -1.83 0.00	18.24 -1.01 0.00	17.96 -0.77 0.00
N.BELMOR_69_KV_BK1 55787	19.48 0.90 0.00	19.38 0.85 0.00	19.19 0.84 0.00	18.74 0.73 0.00	20.51 0.60 0.00	20.83 0.60 0.00	25.24 1.00 0.00	29.38 1.23 -0.04	19.87 0.72 -0.41	17.98 0.74 -0.31	19.75 1.05 0.00	22.40 1.24 0.00	21.84 1.25 0.00	21.23 1.26 0.00	20.57 1.27 0.00	18.99 1.28 0.00	19.19 1.14 -0.01	24.48 1.47 0.00	33.38 1.85 0.00	33.48 1.84 0.00	33.33 1.80 0.00	27.90 1.37 0.00	20.08 0.83 0.00	19.59 0.86 0.00
N.E._GEN_SANDY PD 24062	19.01 0.44 0.00	18.90 0.37 0.00	18.69 0.34 0.00	18.32 0.30 0.00	20.17 0.26 0.00	20.40 0.33 0.17	25.22 0.81 -0.18	27.07 0.93 1.99	11.39 0.37 7.72	9.43 0.31 7.81	18.16 0.34 0.88	19.10 0.38 2.43	17.49 0.40 3.51	16.74 0.47 3.70	19.78 0.52 0.04	18.25 0.53 0.00	18.33 0.51 0.21	23.55 0.63 0.10	30.86 0.94 1.61	33.11 1.05 -0.41	31.80 0.92 0.65	27.19 0.76 0.10	19.86 0.40 -0.21	19.05 0.34 0.03
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.28 0.70 0.00	19.15 0.62 0.00	18.95 0.60 0.00	18.58 0.56 0.00	20.43 0.51 0.00	20.76 0.53 0.00	25.22 0.99 0.00	29.34 1.17 -0.04	19.74 0.64 -0.36	17.83 0.63 -0.27	19.44 0.73 0.00	22.01 0.84 0.00	21.48 0.88 0.00	20.91 0.94 0.00	20.27 0.97 0.00	18.69 0.98 0.00	18.96 0.92 0.00	24.19 1.17 0.00	33.02 1.49 0.00	33.15 1.51 0.00	32.92 1.39 0.00	27.62 1.09 0.00	19.91 0.66 0.00	19.43 0.69 0.00
N.QUEENS_27_KV_LOAD 356247	19.50 0.92 0.00	19.32 0.78 0.00	19.10 0.76 0.00	18.73 0.72 0.00	20.58 0.66 0.00	20.98 0.74 0.00	25.55 1.31 0.00	30.09 1.56 -0.40	20.10 0.94 -0.41	18.18 0.94 -0.31	19.75 1.05 0.00	22.36 1.20 0.00	21.82 1.23 0.00	21.21 1.24 0.00	20.54 1.25 0.00	18.97 1.21 -0.04	19.73 1.17 -0.52	24.55 1.53 0.00	33.45 1.92 0.00	33.50 1.86 0.00	33.34 1.82 0.00	27.98 1.45 0.00	20.15 0.89 0.00	19.63 0.90 0.00
N.TROY___115KV_TB1 355778	18.89 0.32 0.00	18.82 0.29 0.00	18.63 0.29 0.00	18.30 0.28 0.00	20.19 0.28 0.00	20.59 0.35 0.00	24.98 0.74 0.00	28.84 0.81 0.09	18.33 0.29 0.71	16.61 0.21 0.53	18.88 0.17 0.00	21.36 0.19 0.00	20.81 0.22 0.00	20.24 0.27 0.00	19.59 0.29 0.00	18.00 0.28 0.00	18.34 0.31 0.00	23.46 0.45 0.00	32.26 0.73 0.00	32.48 0.84 0.00	32.28 0.75 0.00	27.18 0.65 0.00	19.61 0.36 0.00	19.02 0.29 0.00
NARROWS_GT1_1 24228	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00
NARROWS_GT1_2 24229	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00
NARROWS_GT1_3 24230	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00
NARROWS_GT1_4 24231	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00
NARROWS_GT1_5 24232	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00
NARROWS_GT1_6 24233	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00

NARROWS_GT1_7 24234	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00
NARROWS_GT1_8 24235	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00
NARROWS_GT2_1 24236	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00
NARROWS_GT2_2 24237	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00
NARROWS_GT2_3 24238	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00
NARROWS_GT2_4 24239	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00
NARROWS_GT2_5 24240	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00
NARROWS_GT2_6 24241	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00
NARROWS_GT2_7 24242	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00
NARROWS_GT2_8 24243	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.12 0.55 0.00	19.07 0.54 0.00	18.89 0.54 0.00	18.58 0.56 0.00	20.48 0.57 0.00	20.90 0.66 0.00	25.34 1.11 0.00	29.26 1.14 0.00	19.24 0.49 0.00	17.17 0.25 0.00	18.85 0.15 0.00	21.24 0.07 0.00	20.64 0.04 0.00	20.09 0.12 0.00	19.45 0.15 0.00	17.87 0.15 0.00	18.24 0.20 0.00	23.43 0.41 0.00	32.46 0.93 0.00	32.86 1.22 0.00	32.74 1.21 0.00	27.51 0.98 0.00	19.85 0.59 0.00	19.22 0.48 0.00
NCHELSEA_115KV_TR2 355582	19.50 0.92 0.00	19.38 0.85 0.00	19.17 0.83 0.00	18.80 0.78 0.00	20.69 0.78 0.00	21.07 0.83 0.00	25.60 1.37 0.00	29.76 1.63 0.00	19.64 0.90 0.00	17.74 0.81 0.00	19.61 0.91 0.00	22.20 1.03 0.00	21.64 1.04 0.00	21.06 1.09 0.00	20.41 1.11 0.00	18.81 1.09 0.00	19.12 1.09 0.00	24.46 1.44 0.00	33.50 1.97 0.00	33.67 2.03 0.00	33.46 1.93 0.00	28.06 1.53 0.00	20.21 0.96 0.00	19.66 0.93 0.00
NEG CAPITAL___MECHNVIL 23645	19.10 0.53 0.00	19.03 0.50 0.00	18.83 0.48 0.00	18.50 0.48 0.00	20.44 0.52 0.00	20.86 0.62 0.00	25.32 1.08 0.00	29.25 1.20 0.07	18.66 0.53 0.61	16.85 0.39 0.46	19.07 0.37 0.00	21.59 0.43 0.00	21.06 0.47 0.00	20.46 0.49 0.00	19.78 0.48 0.00	18.13 0.42 0.00	18.52 0.48 0.00	23.74 0.72 0.00	32.71 1.18 0.00	32.95 1.31 0.00	32.74 1.21 0.00	27.51 0.99 0.00	19.84 0.59 0.00	19.24 0.51 0.00
NEG CENTRAL_HIGH_ACRES 23767	17.90 -0.68 0.00	17.88 -0.65 0.00	17.74 -0.61 0.00	17.43 -0.59 0.00	19.33 -0.58 0.00	19.59 -0.65 0.00	23.34 -0.89 0.00	27.22 -0.90 0.00	18.03 -0.72 0.00	16.33 -0.59 0.00	18.12 -0.59 0.00	20.71 -0.46 0.00	20.24 -0.36 0.00	19.54 -0.43 0.00	18.84 -0.46 0.00	17.13 -0.58 0.00	17.34 -0.69 0.00	21.81 -1.21 0.00	29.70 -1.83 0.00	29.95 -1.69 0.00	29.81 -1.72 0.00	25.05 -1.48 0.00	18.30 -0.95 0.00	17.91 -0.82 0.00
NEG CENTRAL___DRP 24199	18.43 -0.15 0.00	18.36 -0.17 0.00	18.22 -0.12 0.00	17.89 -0.12 0.00	19.85 -0.06 0.00	20.16 -0.08 0.00	24.19 -0.05 0.00	28.37 0.24 0.00	18.55 -0.19 0.00	16.77 -0.15 0.00	18.54 -0.16 0.00	21.09 -0.07 0.00	20.56 -0.04 0.00	19.97 0.00 0.00	19.31 0.01 0.00	17.54 -0.18 0.00	17.81 -0.22 0.00	22.54 -0.48 0.00	30.84 -0.69 0.00	31.11 -0.53 0.00	31.01 -0.51 0.00	26.06 -0.47 0.00	18.98 -0.28 0.00	18.53 -0.21 0.00

NEG CENTRAL___INDECK 23768	18.71 0.13 0.00	18.71 0.18 0.00	18.59 0.25 0.00	18.28 0.26 0.00	20.32 0.41 0.00	20.59 0.35 0.00	24.55 0.31 0.00	28.65 0.52 0.00	18.76 0.01 0.00	17.01 0.09 0.00	19.11 0.40 0.00	21.82 0.66 0.00	21.07 0.47 0.00	20.31 0.34 0.00	19.57 0.28 0.00	17.79 0.07 0.00	18.00 -0.04 0.00	22.54 -0.48 0.00	30.61 -0.92 0.00	31.20 -0.44 0.00	31.31 -0.22 0.00	26.25 -0.28 0.00	19.19 -0.07 0.00	18.75 0.01 0.00
NEG CENTRAL___SENECA 23627	18.47 -0.11 0.00	18.42 -0.11 0.00	18.28 -0.07 0.00	17.95 -0.07 0.00	19.92 0.02 0.00	20.22 -0.01 0.00	24.23 -0.01 0.00	28.25 0.13 0.00	18.64 -0.10 0.00	16.85 -0.07 0.00	18.64 -0.06 0.00	21.22 0.06 0.00	20.70 0.10 0.00	20.06 0.08 0.00	19.36 0.06 0.00	17.60 -0.12 0.00	17.85 -0.19 0.00	22.53 -0.49 0.00	30.79 -0.74 0.00	31.09 -0.56 0.00	30.99 -0.54 0.00	26.08 -0.46 0.00	19.00 -0.26 0.00	18.56 -0.18 0.00
NEG CENTRAL___STATE_STREET 24147	18.58 0.00 0.00	18.44 -0.08 0.00	18.32 -0.03 0.00	17.99 -0.03 0.00	19.97 0.07 0.00	20.22 -0.02 0.00	24.36 0.12 0.00	28.70 0.58 0.00	18.59 -0.15 0.00	16.82 -0.10 0.00	18.59 -0.11 0.00	21.13 -0.04 0.00	20.57 -0.02 0.00	20.04 0.07 0.00	19.42 0.12 0.00	17.58 -0.14 0.00	17.91 -0.12 0.00	22.70 -0.32 0.00	31.12 -0.41 0.00	31.39 -0.26 0.00	31.35 -0.18 0.00	26.28 -0.25 0.00	19.15 -0.10 0.00	18.68 -0.05 0.00
NEG MILLWOOD___DRP 24198	19.49 0.91 0.00	19.36 0.83 0.00	19.15 0.80 0.00	18.77 0.75 0.00	20.65 0.74 0.00	21.04 0.80 0.00	25.59 1.36 0.00	29.76 1.64 0.00	19.66 0.92 0.00	17.78 0.85 0.00	19.67 0.96 0.00	22.24 1.08 0.00	21.69 1.09 0.00	21.10 1.13 0.00	20.46 1.16 0.00	18.85 1.13 0.00	19.15 1.12 0.00	24.47 1.45 0.00	33.49 1.96 0.00	33.65 2.01 0.00	33.43 1.90 0.00	28.03 1.50 0.00	20.19 0.93 0.00	19.64 0.90 0.00
NEG NORTH_FLCN_SEA 23793	18.52 -0.06 0.00	18.75 0.22 0.00	18.72 0.38 0.00	18.51 0.49 0.00	20.62 0.71 0.00	21.21 0.97 0.00	25.21 0.97 0.00	29.29 1.17 0.00	19.39 0.64 0.00	17.27 0.34 0.00	18.86 0.16 0.00	21.08 -0.09 0.00	20.46 -0.14 0.00	19.59 -0.38 0.00	18.90 -0.40 0.00	17.35 -0.36 0.00	17.78 -0.25 0.00	23.08 0.06 0.00	32.32 0.79 0.00	33.29 1.65 0.00	33.40 1.87 0.00	27.94 1.41 0.00	19.98 0.73 0.00	19.37 0.64 0.00
NEG NORTH_KES_CHATEGAY 23792	18.46 -0.11 0.00	18.60 0.07 0.00	18.54 0.19 0.00	18.31 0.30 0.00	20.36 0.45 0.00	20.81 0.57 0.00	24.69 0.45 0.00	28.68 0.55 0.00	19.13 0.38 0.00	17.07 0.14 0.00	18.75 0.04 0.00	20.95 -0.21 0.00	20.33 -0.26 0.00	19.54 -0.43 0.00	18.84 -0.46 0.00	17.33 -0.38 0.00	17.76 -0.27 0.00	23.00 -0.02 0.00	31.89 0.35 0.00	32.49 0.85 0.00	32.57 1.04 0.00	27.35 0.82 0.00	19.67 0.41 0.00	19.08 0.34 0.00
NEG NORTH___ALICE_FALLS 23915	18.54 -0.03 0.00	18.76 0.23 0.00	18.71 0.37 0.00	18.50 0.48 0.00	20.59 0.68 0.00	21.17 0.93 0.00	25.18 0.95 0.00	29.28 1.16 0.00	19.38 0.64 0.00	17.27 0.35 0.00	18.88 0.17 0.00	21.07 -0.09 0.00	20.46 -0.14 0.00	19.59 -0.38 0.00	18.92 -0.38 0.00	17.38 -0.34 0.00	17.80 -0.24 0.00	23.12 0.10 0.00	32.32 0.79 0.00	33.24 1.60 0.00	33.35 1.83 0.00	27.93 1.40 0.00	19.98 0.73 0.00	19.36 0.63 0.00
NEG NORTH___LWR_SARANAC 23913	18.54 -0.03 0.00	18.76 0.23 0.00	18.71 0.37 0.00	18.50 0.48 0.00	20.59 0.68 0.00	21.17 0.93 0.00	25.18 0.95 0.00	29.28 1.16 0.00	19.38 0.64 0.00	17.27 0.35 0.00	18.88 0.17 0.00	21.07 -0.09 0.00	20.46 -0.14 0.00	19.59 -0.38 0.00	18.92 -0.38 0.00	17.38 -0.34 0.00	17.80 -0.24 0.00	23.12 0.10 0.00	32.32 0.79 0.00	33.24 1.60 0.00	33.35 1.83 0.00	27.93 1.40 0.00	19.98 0.73 0.00	19.36 0.63 0.00
NEG NORTH___PLATTSBURG 23628	18.54 -0.03 0.00	18.76 0.23 0.00	18.71 0.37 0.00	18.50 0.48 0.00	20.59 0.68 0.00	21.17 0.93 0.00	25.18 0.95 0.00	29.28 1.16 0.00	19.38 0.64 0.00	17.27 0.34 0.00	18.88 0.17 0.00	21.07 -0.09 0.00	20.46 -0.14 0.00	19.59 -0.38 0.00	18.92 -0.38 0.00	17.38 -0.34 0.00	17.80 -0.24 0.00	23.12 0.10 0.00	32.32 0.79 0.00	33.24 1.60 0.00	33.35 1.83 0.00	27.93 1.40 0.00	19.98 0.73 0.00	19.36 0.63 0.00
NEG WEST_LEA_LOCKPORT 23791	17.80 -0.77 0.00	17.85 -0.68 0.00	17.74 -0.60 0.00	17.43 -0.59 0.00	19.36 -0.55 0.00	19.47 -0.77 0.00	22.88 -1.35 0.00	26.75 -1.37 0.00	17.98 -0.76 0.00	16.39 -0.54 0.00	18.23 -0.47 0.00	21.10 -0.06 0.00	20.70 0.10 0.00	19.91 -0.06 0.00	19.12 -0.18 0.00	17.30 -0.42 0.00	17.38 -0.65 0.00	21.34 -1.68 0.00	28.62 -2.91 0.00	28.92 -2.72 0.00	28.71 -2.83 0.00	24.19 -2.34 0.00	17.92 -1.33 0.00	17.67 -1.06 0.00
NEG WEST___LANCASTR 23811	18.36 -0.22 0.00	18.35 -0.18 0.00	18.23 -0.11 0.00	17.90 -0.12 0.00	19.88 -0.03 0.00	19.98 -0.25 0.00	23.60 -0.64 0.00	27.57 -0.55 0.00	18.47 -0.28 0.00	16.87 -0.05 0.00	18.79 0.08 0.00	21.66 0.50 0.00	21.21 0.61 0.00	20.43 0.45 0.00	19.65 0.35 0.00	17.80 0.08 0.00	17.90 -0.13 0.00	22.16 -0.85 0.00	29.83 -1.70 0.00	30.11 -1.53 0.00	29.86 -1.67 0.00	25.10 -1.43 0.00	18.52 -0.73 0.00	18.26 -0.48 0.00
NEG_PENN_ALLEGHNY 23528	18.58 0.01 0.00	18.49 -0.04 0.00	18.34 0.00 0.00	17.99 -0.03 0.00	19.91 0.00 0.00	20.20 -0.04 0.00	24.25 0.01 0.00	28.21 0.08 0.00	18.69 -0.05 0.00	16.97 0.05 0.00	18.81 0.11 0.00	21.38 0.22 0.00	20.84 0.24 0.00	20.18 0.20 0.00	19.48 0.18 0.00	17.80 0.08 0.00	18.05 0.02 0.00	22.87 -0.15 0.00	31.27 -0.25 0.00	31.53 -0.11 0.00	31.36 -0.17 0.00	26.30 -0.23 0.00	19.16 -0.10 0.00	18.73 -0.01 0.00
NEG___GEN_MONROE 24207	18.28 -0.29 0.00	18.28 -0.25 0.00	18.14 -0.20 0.00	17.82 -0.20 0.00	19.77 -0.14 0.00	19.99 -0.25 0.00	23.73 -0.50 0.00	27.69 -0.43 0.00	18.41 -0.33 0.00	16.69 -0.24 0.00	18.53 -0.17 0.00	21.26 0.10 0.00	20.78 0.19 0.00	20.05 0.08 0.00	19.30 0.00 0.00	17.53 -0.19 0.00	17.70 -0.34 0.00	22.11 -0.91 0.00	30.01 -1.52 0.00	30.35 -1.30 0.00	30.19 -1.34 0.00	25.38 -1.15 0.00	18.62 -0.64 0.00	18.25 -0.48 0.00
NEPA___ENERGY 23901	18.44 -0.13 0.00	18.38 -0.15 0.00	18.28 -0.06 0.00	17.90 -0.11 0.00	19.86 -0.05 0.00	19.97 -0.27 0.00	23.67 -0.56 0.00	27.60 -0.52 0.00	18.41 -0.33 0.00	16.92 -0.01 0.00	18.87 0.17 0.00	21.72 0.56 0.00	21.26 0.66 0.00	20.51 0.54 0.00	19.78 0.49 0.00	17.91 0.20 0.00	18.02 -0.01 0.00	22.32 -0.70 0.00	30.11 -1.43 0.00	30.38 -1.26 0.00	30.06 -1.48 0.00	25.15 -1.38 0.00	18.52 -0.74 0.00	18.28 -0.45 0.00
NEVERSINK___HYD 23608	19.25 0.67 0.00	19.12 0.59 0.00	18.93 0.59 0.00	18.57 0.56 0.00	20.45 0.54 0.00	20.81 0.57 0.00	25.26 1.03 0.00	29.37 1.25 0.00	19.39 0.65 0.00	17.50 0.57 0.00	19.32 0.62 0.00	21.87 0.70 0.00	21.33 0.73 0.00	20.74 0.77 0.00	20.10 0.80 0.00	18.51 0.79 0.00	18.80 0.77 0.00	24.05 1.03 0.00	33.03 1.50 0.00	33.27 1.62 0.00	33.07 1.54 0.00	27.71 1.18 0.00	19.98 0.73 0.00	19.45 0.72 0.00

NEWKRMKL_115KV_TB1 55635	18.72 0.14 0.00	18.65 0.12 0.00	18.46 0.12 0.00	18.15 0.13 0.00	19.97 0.05 0.00	20.34 0.10 0.00	24.63 0.40 0.00	28.47 0.39 0.04	18.52 0.14 0.37	16.76 0.11 0.28	18.73 0.03 0.00	21.20 0.04 0.00	20.65 0.05 0.00	20.10 0.12 0.00	19.46 0.16 0.00	17.88 0.17 0.00	18.20 0.17 0.00	23.29 0.28 0.00	31.97 0.44 0.00	32.13 0.49 0.00	31.94 0.41 0.00	26.85 0.32 0.00	19.38 0.13 0.00	18.82 0.09 0.00
NEWTON___FALLS_HYD 23847	18.17 -0.40 0.00	18.18 -0.35 0.00	17.87 -0.48 0.00	17.41 -0.61 0.00	19.41 -0.50 0.00	19.96 -0.28 0.00	23.88 -0.36 0.00	27.72 -0.40 0.00	18.38 -0.36 0.00	16.45 -0.47 0.00	18.13 -0.57 0.00	20.40 -0.77 0.00	19.60 -0.99 0.00	18.79 -1.18 0.00	18.07 -1.23 0.00	16.71 -1.01 0.00	17.19 -0.84 0.00	22.27 -0.75 0.00	30.78 -0.75 0.00	31.24 -0.40 0.00	31.41 -0.12 0.00	26.42 -0.11 0.00	19.14 -0.11 0.00	18.56 -0.18 0.00
NGRID_A1_DSASP 323792	17.55 -1.03 0.00	17.60 -0.93 0.00	17.49 -0.85 0.00	17.19 -0.83 0.00	19.08 -0.83 0.00	19.17 -1.07 0.00	22.48 -1.75 0.00	26.22 -1.90 0.00	17.60 -1.15 0.00	16.06 -0.87 0.00	17.87 -0.83 0.00	20.68 -0.49 0.00	20.31 -0.29 0.00	19.50 -0.47 0.00	18.73 -0.57 0.00	16.94 -0.78 0.00	17.02 -1.02 0.00	20.89 -2.12 0.00	27.96 -3.58 0.00	28.20 -3.44 0.00	27.98 -3.55 0.00	23.61 -2.92 0.00	17.51 -1.74 0.00	17.30 -1.43 0.00
NGRID_A2_DSASP 323793	17.55 -1.03 0.00	17.60 -0.93 0.00	17.49 -0.85 0.00	17.19 -0.83 0.00	19.08 -0.83 0.00	19.17 -1.07 0.00	22.48 -1.75 0.00	26.22 -1.90 0.00	17.60 -1.15 0.00	16.06 -0.87 0.00	17.87 -0.83 0.00	20.68 -0.49 0.00	20.31 -0.29 0.00	19.50 -0.47 0.00	18.73 -0.57 0.00	16.94 -0.78 0.00	17.02 -1.02 0.00	20.89 -2.12 0.00	27.96 -3.58 0.00	28.20 -3.44 0.00	27.98 -3.55 0.00	23.61 -2.92 0.00	17.51 -1.74 0.00	17.30 -1.43 0.00
NGRID_A4_DSASP 323807	17.55 -1.03 0.00	17.60 -0.93 0.00	17.49 -0.85 0.00	17.19 -0.83 0.00	19.08 -0.83 0.00	19.17 -1.07 0.00	22.48 -1.75 0.00	26.22 -1.90 0.00	17.60 -1.15 0.00	16.06 -0.87 0.00	17.87 -0.83 0.00	20.68 -0.49 0.00	20.31 -0.29 0.00	19.50 -0.47 0.00	18.73 -0.57 0.00	16.94 -0.78 0.00	17.02 -1.02 0.00	20.89 -2.12 0.00	27.96 -3.58 0.00	28.20 -3.44 0.00	27.98 -3.55 0.00	23.61 -2.92 0.00	17.51 -1.74 0.00	17.30 -1.43 0.00
NIAGARA_115E_LBMP 323715	17.51 -1.06 0.00	17.57 -0.96 0.00	17.46 -0.88 0.00	17.15 -0.86 0.00	19.04 -0.87 0.00	19.14 -1.10 0.00	22.46 -1.78 0.00	26.26 -1.87 0.00	17.67 -1.07 0.00	16.12 -0.81 0.00	17.92 -0.78 0.00	20.74 -0.43 0.00	20.42 -0.17 0.00	19.66 -0.31 0.00	18.88 -0.42 0.00	17.08 -0.64 0.00	17.16 -0.88 0.00	20.97 -2.05 0.00	28.08 -3.45 0.00	28.33 -3.32 0.00	28.11 -3.42 0.00	23.73 -2.80 0.00	17.60 -1.65 0.00	17.37 -1.36 0.00
NIAGARA_115W_LBMP 323714	17.51 -1.06 0.00	17.56 -0.97 0.00	17.46 -0.88 0.00	17.15 -0.86 0.00	19.04 -0.87 0.00	19.13 -1.11 0.00	22.44 -1.80 0.00	26.16 -1.96 0.00	17.55 -1.19 0.00	16.02 -0.91 0.00	17.83 -0.87 0.00	20.63 -0.53 0.00	20.26 -0.34 0.00	19.45 -0.52 0.00	18.68 -0.62 0.00	16.90 -0.82 0.00	16.97 -1.06 0.00	20.84 -2.18 0.00	27.89 -3.65 0.00	28.12 -3.52 0.00	27.90 -3.63 0.00	23.55 -2.98 0.00	17.48 -1.78 0.00	17.26 -1.47 0.00
NIAGARA_230_LBMP 323716	17.66 -0.92 0.00	17.71 -0.82 0.00	17.60 -0.74 0.00	17.29 -0.73 0.00	19.19 -0.72 0.00	19.28 -0.96 0.00	22.64 -1.59 0.00	26.45 -1.67 0.00	17.78 -0.97 0.00	16.22 -0.70 0.00	18.07 -0.64 0.00	20.90 -0.27 0.00	20.50 -0.09 0.00	19.72 -0.25 0.00	18.94 -0.36 0.00	17.14 -0.57 0.00	17.23 -0.81 0.00	21.19 -1.83 0.00	28.39 -3.14 0.00	28.64 -3.00 0.00	28.41 -3.12 0.00	23.95 -2.58 0.00	17.75 -1.51 0.00	17.52 -1.21 0.00
NIAGARA___115KV_198_GIBSON 55903	17.51 -1.06 0.00	17.56 -0.97 0.00	17.46 -0.89 0.00	17.15 -0.86 0.00	19.04 -0.86 0.00	19.13 -1.11 0.00	22.43 -1.81 0.00	26.15 -1.97 0.00	17.56 -1.19 0.00	16.02 -0.91 0.00	17.83 -0.87 0.00	20.63 -0.53 0.00	20.26 -0.34 0.00	19.45 -0.52 0.00	18.68 -0.62 0.00	16.90 -0.81 0.00	16.98 -1.06 0.00	20.84 -2.18 0.00	27.88 -3.65 0.00	28.13 -3.51 0.00	27.90 -3.63 0.00	23.55 -2.98 0.00	17.48 -1.77 0.00	17.27 -1.47 0.00
NIAGARA____ 23760	17.66 -0.92 0.00	17.71 -0.82 0.00	17.60 -0.74 0.00	17.29 -0.73 0.00	19.19 -0.72 0.00	19.28 -0.96 0.00	22.64 -1.59 0.00	26.45 -1.67 0.00	17.78 -0.97 0.00	16.22 -0.70 0.00	18.07 -0.64 0.00	20.90 -0.27 0.00	20.50 -0.09 0.00	19.72 -0.25 0.00	18.94 -0.36 0.00	17.14 -0.57 0.00	17.23 -0.81 0.00	21.19 -1.83 0.00	28.39 -3.14 0.00	28.64 -3.00 0.00	28.41 -3.12 0.00	23.95 -2.58 0.00	17.75 -1.51 0.00	17.52 -1.21 0.00
NINE_MILE_1 23575	18.00 -0.57 0.00	17.96 -0.58 0.00	17.78 -0.57 0.00	17.45 -0.56 0.00	19.31 -0.60 0.00	19.62 -0.61 0.00	23.52 -0.71 0.00	27.29 -0.84 0.00	18.14 -0.60 0.00	16.39 -0.53 0.00	18.13 -0.57 0.00	20.57 -0.59 0.00	20.03 -0.56 0.00	19.40 -0.56 0.00	18.74 -0.56 0.00	17.17 -0.54 0.00	17.46 -0.58 0.00	22.20 -0.82 0.00	30.39 -1.14 0.00	30.58 -1.06 0.00	30.46 -1.07 0.00	25.61 -0.92 0.00	18.61 -0.65 0.00	18.12 -0.61 0.00
NINE_MILE_2 23744	18.01 -0.57 0.00	17.96 -0.58 0.00	17.78 -0.57 0.00	17.45 -0.56 0.00	19.32 -0.60 0.00	19.62 -0.61 0.00	23.52 -0.71 0.00	27.29 -0.83 0.00	18.14 -0.60 0.00	16.40 -0.53 0.00	18.13 -0.57 0.00	20.57 -0.59 0.00	20.04 -0.56 0.00	19.40 -0.56 0.00	18.74 -0.55 0.00	17.18 -0.54 0.00	17.46 -0.58 0.00	22.21 -0.81 0.00	30.40 -1.14 0.00	30.59 -1.05 0.00	30.47 -1.06 0.00	25.61 -0.92 0.00	18.61 -0.65 0.00	18.12 -0.61 0.00
NM_CAPITAL___DRP 24208	18.70 0.12 0.00	18.63 0.10 0.00	18.44 0.09 0.00	18.13 0.11 0.00	19.95 0.04 0.00	20.31 0.07 0.00	24.61 0.38 0.00	28.44 0.37 0.05	18.47 0.12 0.39	16.72 0.09 0.30	18.71 0.01 0.00	21.18 0.01 0.00	20.62 0.03 0.00	20.08 0.10 0.00	19.44 0.15 0.00	17.87 0.15 0.00	18.19 0.15 0.00	23.26 0.24 0.00	31.92 0.38 0.00	32.08 0.44 0.00	31.89 0.36 0.00	26.82 0.29 0.00	19.36 0.10 0.00	18.80 0.07 0.00
NM_CENTRAL___DRP 24181	18.30 -0.27 0.00	18.24 -0.28 0.00	18.07 -0.28 0.00	17.73 -0.29 0.00	19.63 -0.28 0.00	19.96 -0.28 0.00	23.96 -0.28 0.00	27.90 -0.22 0.00	18.45 -0.29 0.00	16.68 -0.24 0.00	18.45 -0.25 0.00	20.96 -0.21 0.00	20.41 -0.18 0.00	19.78 -0.19 0.00	19.10 -0.20 0.00	17.47 -0.25 0.00	17.74 -0.29 0.00	22.56 -0.46 0.00	30.89 -0.64 0.00	31.11 -0.53 0.00	30.99 -0.54 0.00	26.03 -0.50 0.00	18.91 -0.34 0.00	18.43 -0.31 0.00
NM_FRONTIER___DRP 24179	17.51 -1.06 0.00	17.56 -0.97 0.00	17.46 -0.89 0.00	17.15 -0.86 0.00	19.04 -0.86 0.00	19.13 -1.11 0.00	22.43 -1.81 0.00	26.15 -1.97 0.00	17.56 -1.19 0.00	16.02 -0.91 0.00	17.83 -0.87 0.00	20.63 -0.53 0.00	20.26 -0.34 0.00	19.45 -0.52 0.00	18.68 -0.62 0.00	16.90 -0.81 0.00	16.98 -1.06 0.00	20.84 -2.18 0.00	27.88 -3.65 0.00	28.13 -3.51 0.00	27.90 -3.63 0.00	23.55 -2.98 0.00	17.48 -1.77 0.00	17.27 -1.47 0.00

NM_ST_REGIS___HYD 24053	18.26 -0.32 0.00	18.31 -0.22 0.00	18.14 -0.21 0.00	17.84 -0.18 0.00	19.82 -0.09 0.00	20.25 0.02 0.00	24.02 -0.21 0.00	27.90 -0.23 0.00	18.65 -0.09 0.00	16.70 -0.23 0.00	18.39 -0.31 0.00	20.64 -0.53 0.00	19.96 -0.63 0.00	19.21 -0.77 0.00	18.49 -0.81 0.00	17.03 -0.68 0.00	17.49 -0.54 0.00	22.61 -0.41 0.00	31.17 -0.36 0.00	31.48 -0.16 0.00	31.57 0.04 0.00	26.58 0.05 0.00	19.25 -0.01 0.00	18.65 -0.09 0.00
NORTHPORT___1 23551	19.51 0.93 0.00	19.45 0.92 0.00	19.23 0.89 0.00	18.79 0.77 0.00	20.47 0.56 0.00	14.51 0.49 6.21	14.32 0.76 10.67	16.27 0.99 12.84	-13.67 0.71 33.12	-7.31 0.79 25.02	19.84 1.13 0.00	22.46 1.29 0.00	21.94 1.35 0.00	21.35 1.38 0.00	20.66 1.36 0.00	19.08 1.36 0.00	19.12 1.08 -0.01	24.34 1.37 0.05	21.26 1.62 11.89	32.76 1.61 0.49	31.46 1.61 1.68	23.96 1.18 3.75	19.94 0.68 0.00	19.55 0.82 0.00
NORTHPORT___2 23552	19.51 0.93 0.00	19.45 0.92 0.00	19.23 0.89 0.00	18.79 0.77 0.00	20.47 0.56 0.00	18.73 0.49 1.99	21.58 0.76 3.41	22.28 0.99 6.83	-13.67 0.71 33.12	-7.31 0.79 25.02	19.84 1.13 0.00	22.46 1.29 0.00	21.94 1.35 0.00	21.35 1.38 0.00	20.66 1.36 0.00	19.08 1.36 0.00	19.12 1.08 -0.01	24.34 1.37 0.05	21.26 1.62 11.89	32.76 1.61 0.49	31.46 1.61 1.68	23.96 1.18 3.75	19.94 0.68 0.00	19.54 0.81 0.00
NORTHPORT___3 23553	11.47 0.63 7.74	18.48 0.63 0.68	6.89 0.71 12.16	18.52 0.52 0.01	19.81 0.30 0.40	18.72 0.21 1.74	12.63 0.59 12.19	27.79 0.57 0.91	12.58 0.21 6.37	12.48 0.33 4.77	19.49 0.79 0.00	22.11 0.95 0.00	21.58 0.99 0.00	20.99 1.02 0.00	20.33 1.03 0.00	18.78 1.06 0.00	18.86 0.82 -0.01	23.99 1.01 0.04	23.45 1.21 9.29	25.20 1.15 7.59	25.45 1.13 7.21	24.40 0.80 2.93	19.67 0.41 0.00	19.26 0.52 0.00
NORTHPORT___4 23650	11.47 0.63 7.74	18.48 0.63 0.68	6.89 0.71 12.16	18.52 0.52 0.01	19.81 0.30 0.40	18.72 0.21 1.74	12.63 0.59 12.19	27.79 0.57 0.91	12.58 0.21 6.37	12.48 0.33 4.77	19.49 0.79 0.00	22.11 0.95 0.00	21.58 0.99 0.00	20.99 1.02 0.00	20.33 1.03 0.00	18.78 1.06 0.00	18.86 0.82 -0.01	23.99 1.01 0.04	23.45 1.21 9.29	25.20 1.15 7.59	25.45 1.13 7.21	24.40 0.80 2.93	19.67 0.41 0.00	19.26 0.52 0.00
NORTHPORT___IC 23718	19.51 0.93 0.00	19.45 0.92 0.00	19.23 0.89 0.00	18.78 0.77 0.00	20.47 0.56 0.00	14.51 0.49 6.21	14.36 0.79 10.67	16.29 1.01 12.84	-13.67 0.71 33.12	-7.31 0.79 25.02	19.84 1.13 0.00	22.46 1.29 0.00	21.94 1.35 0.00	21.35 1.38 0.00	20.66 1.36 0.00	19.07 1.36 0.00	19.12 1.08 -0.01	24.34 1.37 0.05	21.26 1.62 11.89	32.76 1.61 0.49	31.46 1.61 1.68	23.96 1.18 3.75	19.94 0.68 0.00	19.56 0.82 0.00
NORTH___COUNTRY_ESR 323785	18.40 -0.18 0.00	18.54 0.01 0.00	18.47 0.12 0.00	18.25 0.23 0.00	20.28 0.37 0.00	20.73 0.49 0.00	24.58 0.35 0.00	28.58 0.45 0.00	19.08 0.34 0.00	17.04 0.12 0.00	18.73 0.02 0.00	20.93 -0.23 0.00	20.31 -0.28 0.00	19.50 -0.47 0.00	18.81 -0.49 0.00	17.30 -0.42 0.00	17.72 -0.31 0.00	22.92 -0.10 0.00	31.78 0.24 0.00	32.37 0.73 0.00	32.44 0.91 0.00	27.25 0.72 0.00	19.59 0.33 0.00	19.01 0.28 0.00
NPX_GEN_1385_PROXY 323591	19.48 0.90 0.00	19.40 0.87 0.00	19.23 0.88 0.00	18.73 0.71 0.00	20.39 0.47 0.00	14.43 0.41 6.21	14.42 0.86 10.67	15.73 1.15 13.54	-13.65 0.73 33.12	-7.38 0.71 25.02	19.72 1.02 0.00	22.16 1.00 0.00	21.94 1.35 0.00	21.34 1.37 0.00	20.61 1.31 0.00	18.98 1.27 0.00	18.37 0.82 0.47	24.16 1.18 0.05	21.20 1.55 11.89	32.90 1.74 0.49	31.66 1.81 1.68	23.95 1.17 3.75	19.77 0.51 0.00	19.40 0.66 0.00
NPX_GEN_CSC 323557	167.03 1.02 -147.44	32.58 1.03 -13.02	251.14 1.02 -231.77	19.00 0.87 -0.11	28.12 0.71 -7.50	53.93 0.63 -33.07	257.44 0.97 -232.23	41.64 1.17 -12.34	19.46 0.78 0.07	17.70 0.82 0.05	19.86 1.16 0.00	22.55 1.39 0.00	21.95 1.35 0.00	21.40 1.43 0.00	20.67 1.37 0.00	19.14 1.43 0.00	19.22 1.18 -0.01	25.29 1.55 -0.71	214.72 1.84 -181.35	181.49 1.76 -148.09	173.96 1.78 -140.65	85.14 1.39 -57.23	20.07 0.82 0.00	19.74 1.01 0.00
NSINS_S_GLNS_FALLS 23858	18.98 0.40 0.00	18.93 0.40 0.00	18.71 0.37 0.00	18.39 0.38 0.00	20.36 0.45 0.00	20.84 0.61 0.00	25.38 1.14 0.00	29.33 1.27 0.06	18.64 0.42 0.52	16.76 0.23 0.39	18.97 0.26 0.00	21.43 0.27 0.00	20.94 0.34 0.00	20.28 0.31 0.00	19.62 0.32 0.00	17.99 0.28 0.00	18.46 0.43 0.00	23.73 0.71 0.00	32.74 1.21 0.00	33.06 1.42 0.00	32.79 1.26 0.00	27.51 0.98 0.00	19.81 0.56 0.00	19.16 0.43 0.00
NUCOR_STEEL___DRP 24197	18.57 -0.01 0.00	18.43 -0.10 0.00	18.31 -0.04 0.00	17.97 -0.04 0.00	19.96 0.05 0.00	20.20 -0.04 0.00	24.34 0.10 0.00	28.72 0.59 0.00	18.57 -0.18 0.00	16.81 -0.12 0.00	18.58 -0.12 0.00	21.11 -0.05 0.00	20.56 -0.04 0.00	20.03 0.06 0.00	19.42 0.12 0.00	17.57 -0.14 0.00	17.91 -0.12 0.00	22.69 -0.33 0.00	31.11 -0.43 0.00	31.37 -0.27 0.00	31.33 -0.19 0.00	26.25 -0.28 0.00	19.14 -0.12 0.00	18.66 -0.07 0.00
NUMBER_THREE_WT_PWR 323818	18.48 -0.09 0.00	18.48 -0.05 0.00	18.06 -0.28 0.00	17.44 -0.58 0.00	19.49 -0.42 0.00	20.17 -0.06 0.00	24.36 0.13 0.00	28.32 0.19 0.00	18.66 -0.08 0.00	16.69 -0.24 0.00	18.38 -0.33 0.00	20.71 -0.46 0.00	19.77 -0.83 0.00	18.86 -1.11 0.00	18.10 -1.20 0.00	16.80 -0.91 0.00	17.32 -0.72 0.00	22.47 -0.55 0.00	31.23 -0.31 0.00	31.87 0.23 0.00	32.07 0.54 0.00	26.92 0.39 0.00	19.49 0.23 0.00	18.91 0.18 0.00
NYISO_LBMP_REFERENCE 24008	18.57 0.00 0.00	18.53 0.00 0.00	18.35 0.00 0.00	18.02 0.00 0.00	19.91 0.00 0.00	20.24 0.00 0.00	24.23 0.00 0.00	28.12 0.00 0.00	18.74 0.00 0.00	16.92 0.00 0.00	18.70 0.00 0.00	21.16 0.00 0.00	20.59 0.00 0.00	19.97 0.00 0.00	19.30 0.00 0.00	17.72 0.00 0.00	18.03 0.00 0.00	23.02 0.00 0.00	31.53 0.00 0.00	31.64 0.00 0.00	31.53 0.00 0.00	26.53 0.00 0.00	19.26 0.00 0.00	18.74 0.00 0.00
NYPA_BRENTWD____GT 24164	31.43 1.11 -11.75	20.65 1.08 -1.04	37.87 1.05 -18.47	18.94 0.92 -0.01	21.27 0.76 -0.60	23.59 0.72 -2.64	43.73 0.99 -18.51	30.29 1.12 -1.05	19.44 0.90 0.20	17.68 0.90 0.15	19.95 1.25 0.00	22.60 1.44 0.00	22.05 1.45 0.00	21.45 1.48 0.00	20.76 1.46 0.00	19.19 1.47 0.00	19.31 1.27 -0.01	24.72 1.65 -0.06	48.09 1.90 -14.65	45.39 1.79 -11.97	44.82 1.93 -11.36	32.61 1.46 -4.62	20.20 0.94 0.00	19.77 1.04 0.00
NYPA_GOWANUS____GT5 24156	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00

NYPA_GOWANUS____GT6 24157	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.35 0.00	30.16 1.63 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.79 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.33 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.89 0.00	28.06 1.53 0.00	20.21 0.95 0.00	19.69 0.95 0.00
NYPA_HARLEM__RVR__GT1 24160	19.45 0.88 0.00	19.29 0.76 0.00	19.09 0.74 0.00	18.72 0.71 0.00	20.56 0.65 0.00	20.96 0.72 0.00	25.52 1.28 0.00	30.05 1.52 -0.40	20.05 0.89 -0.41	18.13 0.90 -0.31	19.69 0.99 0.00	22.29 1.13 0.00	21.74 1.15 0.00	21.15 1.18 0.00	20.49 1.19 0.00	18.91 1.15 -0.04	19.67 1.11 -0.52	24.47 1.46 0.00	33.35 1.82 0.00	33.41 1.77 0.00	33.27 1.74 0.00	27.91 1.38 0.00	20.10 0.84 0.00	19.59 0.85 0.00
NYPA_HARLEM__RVR__GT2 24161	19.45 0.88 0.00	19.29 0.76 0.00	19.09 0.74 0.00	18.72 0.71 0.00	20.56 0.65 0.00	20.96 0.72 0.00	25.52 1.28 0.00	30.05 1.52 -0.40	20.05 0.89 -0.41	18.13 0.90 -0.31	19.69 0.99 0.00	22.29 1.13 0.00	21.74 1.15 0.00	21.15 1.18 0.00	20.49 1.19 0.00	18.91 1.15 -0.04	19.67 1.11 -0.52	24.47 1.46 0.00	33.35 1.82 0.00	33.41 1.77 0.00	33.27 1.74 0.00	27.91 1.38 0.00	20.10 0.84 0.00	19.59 0.85 0.00
NYPA_KENT____GT 24152	19.47 0.89 0.00	19.32 0.79 0.00	19.12 0.77 0.00	18.75 0.74 0.00	20.59 0.68 0.00	20.99 0.75 0.00	25.55 1.31 0.00	30.12 1.60 -0.40	20.09 0.93 -0.41	18.16 0.93 -0.31	19.78 1.07 0.00	22.37 1.21 0.00	21.82 1.22 0.00	21.24 1.27 0.00	20.59 1.29 0.00	19.03 1.27 -0.05	19.77 1.22 -0.52	24.57 1.55 0.00	33.49 1.96 0.00	33.58 1.94 0.00	33.35 1.83 0.00	28.00 1.46 0.00	20.16 0.90 0.00	19.65 0.91 0.00
NYPA_POUCH1____GT 24155	19.51 0.93 0.00	19.39 0.86 0.00	19.22 0.87 0.00	18.85 0.84 0.00	20.71 0.80 0.00	21.10 0.86 0.00	25.65 1.41 0.00	30.20 1.67 -0.40	20.09 0.94 -0.41	18.16 0.92 -0.31	19.78 1.08 0.00	22.38 1.22 0.00	21.85 1.25 0.00	21.27 1.30 0.00	20.63 1.34 0.00	19.06 1.30 -0.05	19.79 1.24 -0.52	24.60 1.58 0.00	33.53 2.00 0.00	33.62 1.98 0.00	33.36 1.83 0.00	28.07 1.53 0.00	20.20 0.94 0.00	19.66 0.93 0.00
NYPA_VERNON____GT2 24162	19.43 0.86 0.00	19.28 0.75 0.00	19.09 0.74 0.00	18.72 0.71 0.00	20.56 0.65 0.00	20.96 0.72 0.00	25.51 1.28 0.00	30.09 1.56 -0.40	20.06 0.91 -0.41	18.14 0.90 -0.31	19.76 1.05 0.00	22.34 1.18 0.00	21.78 1.19 0.00	21.20 1.23 0.00	20.55 1.26 0.00	19.00 1.23 -0.05	19.74 1.19 -0.52	24.53 1.51 0.00	33.43 1.91 0.00	33.52 1.88 0.00	33.30 1.77 0.00	27.93 1.40 0.00	20.12 0.87 0.00	19.61 0.88 0.00
NYPA_VERNON____GT3 24163	19.43 0.86 0.00	19.28 0.75 0.00	19.09 0.74 0.00	18.72 0.71 0.00	20.56 0.65 0.00	20.96 0.72 0.00	25.51 1.28 0.00	30.09 1.56 -0.40	20.06 0.91 -0.41	18.14 0.90 -0.31	19.76 1.05 0.00	22.34 1.18 0.00	21.78 1.19 0.00	21.20 1.23 0.00	20.55 1.26 0.00	19.00 1.23 -0.05	19.74 1.19 -0.52	24.53 1.51 0.00	33.43 1.91 0.00	33.52 1.88 0.00	33.30 1.77 0.00	27.93 1.40 0.00	20.12 0.87 0.00	19.61 0.88 0.00
NYPA__ASTORIA_CC1 323568	19.41 0.83 0.00	19.26 0.73 0.00	19.07 0.73 0.00	18.70 0.69 0.00	20.54 0.63 0.00	20.94 0.70 0.00	25.48 1.25 0.00	30.06 1.53 -0.40	20.04 0.89 -0.41	18.12 0.89 -0.31	19.74 1.03 0.00	22.32 1.15 0.00	21.75 1.15 0.00	21.17 1.21 0.00	20.52 1.23 0.00	18.97 1.20 -0.05	19.71 1.16 -0.52	24.49 1.48 0.00	33.38 1.86 0.00	33.47 1.83 0.00	33.25 1.73 0.00	27.90 1.37 0.00	20.09 0.83 0.00	19.59 0.85 0.00
NYPA__ASTORIA_CC2 323569	19.41 0.83 0.00	19.26 0.73 0.00	19.07 0.73 0.00	18.70 0.69 0.00	20.54 0.63 0.00	20.94 0.70 0.00	25.48 1.25 0.00	30.06 1.53 -0.40	20.04 0.89 -0.41	18.12 0.89 -0.31	19.74 1.03 0.00	22.32 1.15 0.00	21.75 1.15 0.00	21.17 1.21 0.00	20.52 1.23 0.00	18.97 1.20 -0.05	19.71 1.16 -0.52	24.49 1.48 0.00	33.38 1.86 0.00	33.47 1.83 0.00	33.25 1.73 0.00	27.90 1.37 0.00	20.09 0.83 0.00	19.59 0.85 0.00
NYPA__HOLTSVILL 23794	167.27 1.04 -147.66	32.60 1.03 -13.04	251.46 1.01 -232.10	18.99 0.87 -0.11	28.13 0.71 -7.51	54.01 0.65 -33.12	257.80 1.00 -232.57	42.41 1.22 -13.06	19.52 0.81 0.03	17.74 0.83 0.02	19.88 1.18 0.00	22.54 1.38 0.00	21.97 1.37 0.00	21.39 1.42 0.00	20.69 1.39 0.00	19.14 1.42 0.00	19.24 1.20 -0.01	25.29 1.56 -0.72	215.01 1.87 -181.61	181.78 1.84 -148.30	174.24 1.86 -140.85	85.24 1.40 -57.31	20.12 0.86 0.00	19.73 0.99 0.00
NYPA____HELLGATE_GT1 24158	19.45 0.88 0.00	19.29 0.76 0.00	19.09 0.74 0.00	18.72 0.71 0.00	20.56 0.65 0.00	20.96 0.72 0.00	25.52 1.28 0.00	30.05 1.52 -0.40	20.05 0.89 -0.41	18.13 0.90 -0.31	19.69 0.99 0.00	22.29 1.13 0.00	21.74 1.15 0.00	21.15 1.18 0.00	20.49 1.19 0.00	18.91 1.15 -0.04	19.67 1.11 -0.52	24.47 1.46 0.00	33.35 1.82 0.00	33.39 1.75 0.00	33.24 1.71 0.00	27.90 1.37 0.00	20.10 0.84 0.00	19.59 0.85 0.00
NYPA____HELLGATE_GT2 24159	19.45 0.88 0.00	19.29 0.76 0.00	19.09 0.74 0.00	18.72 0.71 0.00	20.56 0.65 0.00	20.96 0.72 0.00	25.52 1.28 0.00	30.05 1.52 -0.40	20.05 0.89 -0.41	18.13 0.90 -0.31	19.69 0.99 0.00	22.29 1.13 0.00	21.74 1.15 0.00	21.15 1.18 0.00	20.49 1.19 0.00	18.91 1.15 -0.04	19.67 1.11 -0.52	24.47 1.46 0.00	33.35 1.82 0.00	33.39 1.75 0.00	33.24 1.71 0.00	27.90 1.37 0.00	20.10 0.84 0.00	19.59 0.85 0.00
NYS_BARGE__HYD 23848	17.81 -0.77 0.00	17.85 -0.68 0.00	17.75 -0.60 0.00	17.42 -0.59 0.00	19.35 -0.56 0.00	19.46 -0.77 0.00	22.89 -1.35 0.00	26.77 -1.35 0.00	17.98 -0.76 0.00	16.38 -0.54 0.00	18.22 -0.48 0.00	21.09 -0.07 0.00	20.70 0.10 0.00	19.90 -0.06 0.00	19.12 -0.18 0.00	17.30 -0.42 0.00	17.38 -0.65 0.00	21.32 -1.69 0.00	28.62 -2.91 0.00	28.91 -2.73 0.00	28.71 -2.82 0.00	24.20 -2.33 0.00	17.92 -1.34 0.00	17.67 -1.07 0.00
OAK ORCHARD__HYD 24046	18.17 -0.40 0.00	18.16 -0.37 0.00	18.02 -0.32 0.00	17.70 -0.32 0.00	19.63 -0.27 0.00	19.85 -0.39 0.00	23.59 -0.65 0.00	27.52 -0.60 0.00	18.30 -0.45 0.00	16.60 -0.32 0.00	18.45 -0.25 0.00	21.14 -0.02 0.00	20.67 0.08 0.00	19.94 -0.03 0.00	19.20 -0.09 0.00	17.46 -0.26 0.00	17.64 -0.40 0.00	22.07 -0.95 0.00	29.95 -1.58 0.00	30.23 -1.41 0.00	30.08 -1.45 0.00	25.29 -1.25 0.00	18.53 -0.73 0.00	18.16 -0.58 0.00
OAKDALE__35_KV_LOAD 356122	18.55 -0.02 0.00	18.46 -0.06 0.00	18.31 -0.03 0.00	17.96 -0.05 0.00	19.89 -0.03 0.00	20.16 -0.07 0.00	24.19 -0.04 0.00	28.14 0.02 0.00	18.66 -0.08 0.00	16.96 0.03 0.00	18.79 0.09 0.00	21.36 0.19 0.00	20.81 0.22 0.00	20.16 0.18 0.00	19.46 0.17 0.00	17.79 0.07 0.00	18.03 0.00 0.00	22.84 -0.18 0.00	31.22 -0.31 0.00	31.47 -0.17 0.00	31.30 -0.23 0.00	26.26 -0.28 0.00	19.12 -0.14 0.00	18.70 -0.04 0.00

OCC_CHEM___DRP 24175	17.55 -1.03 0.00	17.60 -0.93 0.00	17.49 -0.85 0.00	17.18 -0.83 0.00	19.08 -0.82 0.00	19.17 -1.07 0.00	22.48 -1.76 0.00	26.21 -1.91 0.00	17.60 -1.14 0.00	16.06 -0.87 0.00	17.87 -0.83 0.00	20.68 -0.49 0.00	20.30 -0.29 0.00	19.50 -0.47 0.00	18.73 -0.57 0.00	16.94 -0.77 0.00	17.02 -1.02 0.00	20.89 -2.13 0.00	27.96 -3.58 0.00	28.20 -3.44 0.00	27.98 -3.55 0.00	23.61 -2.92 0.00	17.52 -1.73 0.00	17.31 -1.43 0.00
OH_GEN_PROXY 24063	17.70 -0.87 0.00	17.75 -0.79 0.00	17.64 -0.71 0.00	17.32 -0.70 0.00	19.22 -0.68 0.00	19.31 -0.93 0.00	22.70 -1.53 0.00	-7.55 -1.59 34.08	17.81 -0.93 0.00	16.26 -0.67 0.00	18.11 -0.59 0.00	20.93 -0.23 0.00	20.53 -0.06 0.00	19.75 -0.22 0.00	18.98 -0.32 0.00	17.18 -0.54 0.00	17.27 -0.76 0.00	21.27 -1.75 0.00	28.53 -3.00 0.00	28.78 -2.87 0.00	28.55 -2.98 0.00	24.06 -2.47 0.00	17.80 -1.45 0.00	17.58 -1.16 0.00
OLIN_CORP_DRP 24177	17.55 -1.02 0.00	17.60 -0.93 0.00	17.49 -0.85 0.00	17.19 -0.83 0.00	19.08 -0.83 0.00	19.18 -1.06 0.00	22.50 -1.73 0.00	26.30 -1.82 0.00	17.71 -1.03 0.00	16.15 -0.78 0.00	17.96 -0.74 0.00	20.77 -0.39 0.00	20.45 -0.15 0.00	19.69 -0.28 0.00	18.91 -0.39 0.00	17.11 -0.61 0.00	17.19 -0.85 0.00	21.02 -2.00 0.00	28.15 -3.38 0.00	28.41 -3.23 0.00	28.18 -3.35 0.00	23.79 -2.74 0.00	17.65 -1.61 0.00	17.41 -1.32 0.00
OLIN_CORP_DSASP 323712	17.55 -1.03 0.00	17.60 -0.93 0.00	17.49 -0.85 0.00	17.19 -0.83 0.00	19.08 -0.83 0.00	19.17 -1.07 0.00	22.48 -1.75 0.00	26.22 -1.90 0.00	17.60 -1.15 0.00	16.06 -0.87 0.00	17.87 -0.83 0.00	20.68 -0.49 0.00	20.31 -0.29 0.00	19.50 -0.47 0.00	18.73 -0.57 0.00	16.94 -0.78 0.00	17.02 -1.02 0.00	20.89 -2.12 0.00	27.96 -3.58 0.00	28.20 -3.44 0.00	27.98 -3.55 0.00	23.61 -2.92 0.00	17.51 -1.74 0.00	17.30 -1.43 0.00
ONEIDA_HERK_LFGE 323681	18.78 0.21 0.00	18.74 0.21 0.00	18.46 0.11 0.00	18.00 -0.02 0.00	19.99 0.08 0.00	20.50 0.26 0.00	24.72 0.48 0.00	28.70 0.57 0.00	18.95 0.21 0.00	17.02 0.10 0.00	18.76 0.05 0.00	21.19 0.03 0.00	20.44 -0.16 0.00	19.71 -0.26 0.00	19.01 -0.29 0.00	17.49 -0.22 0.00	17.90 -0.13 0.00	23.03 0.01 0.00	31.83 0.30 0.00	32.25 0.61 0.00	32.28 0.75 0.00	27.10 0.57 0.00	19.61 0.36 0.00	19.04 0.31 0.00
ONEIDA___115KV_TB4 55905	19.00 0.42 0.00	18.94 0.41 0.00	18.72 0.38 0.00	18.35 0.33 0.00	20.33 0.41 0.00	20.76 0.52 0.00	25.02 0.79 0.00	29.05 0.93 0.00	19.13 0.39 0.00	17.20 0.28 0.00	18.97 0.26 0.00	21.46 0.29 0.00	20.80 0.21 0.00	20.14 0.16 0.00	19.45 0.15 0.00	17.82 0.11 0.00	18.19 0.15 0.00	23.22 0.20 0.00	32.03 0.50 0.00	32.46 0.82 0.00	32.42 0.89 0.00	27.21 0.68 0.00	19.71 0.45 0.00	19.15 0.42 0.00
ONONDAGA_REF_OCCRA 23987	18.47 -0.10 0.00	18.41 -0.12 0.00	18.23 -0.12 0.00	17.89 -0.13 0.00	19.81 -0.10 0.00	20.15 -0.08 0.00	24.21 -0.02 0.00	28.24 0.12 0.00	18.61 -0.13 0.00	16.81 -0.12 0.00	18.58 -0.12 0.00	21.09 -0.08 0.00	20.53 -0.06 0.00	19.90 -0.07 0.00	19.22 -0.08 0.00	17.57 -0.14 0.00	17.86 -0.17 0.00	22.73 -0.29 0.00	31.17 -0.36 0.00	31.43 -0.21 0.00	31.33 -0.20 0.00	26.31 -0.22 0.00	19.10 -0.15 0.00	18.60 -0.13 0.00
ONONDAGA___COGEN 23986	18.41 -0.16 0.00	18.35 -0.18 0.00	18.18 -0.17 0.00	17.84 -0.18 0.00	19.75 -0.16 0.00	20.09 -0.15 0.00	24.15 -0.09 0.00	28.35 0.23 0.00	18.51 -0.24 0.00	16.73 -0.19 0.00	18.50 -0.20 0.00	21.00 -0.17 0.00	20.45 -0.14 0.00	19.88 -0.08 0.00	19.25 -0.05 0.00	17.54 -0.17 0.00	17.84 -0.20 0.00	22.68 -0.33 0.00	31.09 -0.44 0.00	31.31 -0.33 0.00	31.20 -0.33 0.00	26.20 -0.33 0.00	19.03 -0.22 0.00	18.54 -0.19 0.00
ONTARIO___LFGE 23819	18.47 -0.11 0.00	18.42 -0.11 0.00	18.28 -0.07 0.00	17.95 -0.07 0.00	19.93 0.02 0.00	20.22 -0.01 0.00	24.23 0.00 0.00	28.26 0.13 0.00	18.63 -0.11 0.00	16.85 -0.07 0.00	18.64 -0.06 0.00	21.22 0.06 0.00	20.70 0.10 0.00	20.06 0.08 0.00	19.36 0.06 0.00	17.60 -0.12 0.00	17.85 -0.19 0.00	22.53 -0.49 0.00	30.79 -0.73 0.00	31.09 -0.56 0.00	30.99 -0.54 0.00	26.08 -0.46 0.00	18.99 -0.26 0.00	18.55 -0.18 0.00
ORANGEVILLE_WT_PWR 323706	18.05 -0.52 0.00	18.08 -0.45 0.00	17.98 -0.36 0.00	17.67 -0.34 0.00	19.64 -0.27 0.00	19.80 -0.44 0.00	23.46 -0.78 0.00	27.39 -0.73 0.00	18.31 -0.43 0.00	16.71 -0.22 0.00	18.54 -0.16 0.00	21.27 0.11 0.00	20.79 0.20 0.00	20.05 0.08 0.00	19.32 0.02 0.00	17.53 -0.19 0.00	17.70 -0.34 0.00	21.96 -1.05 0.00	29.62 -1.91 0.00	29.84 -1.80 0.00	29.67 -1.86 0.00	24.90 -1.62 0.00	18.32 -0.94 0.00	17.95 -0.79 0.00
ORANGEVILLE___ESR 323794	18.05 -0.52 0.00	18.08 -0.45 0.00	17.98 -0.36 0.00	17.67 -0.34 0.00	19.64 -0.27 0.00	19.80 -0.44 0.00	23.46 -0.78 0.00	27.39 -0.73 0.00	18.31 -0.43 0.00	16.71 -0.22 0.00	18.54 -0.16 0.00	21.27 0.11 0.00	20.79 0.20 0.00	20.05 0.08 0.00	19.32 0.02 0.00	17.53 -0.19 0.00	17.70 -0.34 0.00	21.96 -1.05 0.00	29.62 -1.91 0.00	29.84 -1.80 0.00	29.67 -1.86 0.00	24.90 -1.62 0.00	18.32 -0.94 0.00	17.95 -0.79 0.00
OSWEGATCHIE___HYD 24044	18.17 -0.40 0.00	18.18 -0.35 0.00	17.87 -0.48 0.00	17.41 -0.61 0.00	19.41 -0.50 0.00	19.96 -0.28 0.00	23.88 -0.36 0.00	27.72 -0.40 0.00	18.38 -0.36 0.00	16.45 -0.47 0.00	18.13 -0.57 0.00	20.40 -0.77 0.00	19.60 -0.99 0.00	18.79 -1.18 0.00	18.07 -1.23 0.00	16.71 -1.01 0.00	17.19 -0.84 0.00	22.27 -0.75 0.00	30.78 -0.75 0.00	31.24 -0.40 0.00	31.41 -0.12 0.00	26.42 -0.11 0.00	19.14 -0.11 0.00	18.56 -0.18 0.00
OSWEGO___5 23606	18.12 -0.46 0.00	18.07 -0.46 0.00	17.89 -0.46 0.00	17.56 -0.45 0.00	19.44 -0.47 0.00	19.75 -0.49 0.00	23.67 -0.56 0.00	27.41 -0.71 0.00	18.24 -0.50 0.00	16.49 -0.44 0.00	18.23 -0.47 0.00	20.69 -0.48 0.00	20.15 -0.45 0.00	19.50 -0.47 0.00	18.85 -0.45 0.00	17.28 -0.43 0.00	17.56 -0.47 0.00	22.34 -0.68 0.00	30.58 -0.95 0.00	30.77 -0.87 0.00	30.66 -0.87 0.00	25.77 -0.76 0.00	18.72 -0.53 0.00	18.24 -0.49 0.00
OSWEGO___6 23613	18.12 -0.46 0.00	18.07 -0.46 0.00	17.89 -0.46 0.00	17.56 -0.45 0.00	19.44 -0.47 0.00	19.75 -0.49 0.00	23.67 -0.56 0.00	27.41 -0.71 0.00	18.24 -0.50 0.00	16.49 -0.44 0.00	18.23 -0.47 0.00	20.69 -0.48 0.00	20.15 -0.45 0.00	19.50 -0.47 0.00	18.85 -0.45 0.00	17.28 -0.43 0.00	17.56 -0.47 0.00	22.34 -0.68 0.00	30.58 -0.95 0.00	30.77 -0.87 0.00	30.66 -0.87 0.00	25.77 -0.76 0.00	18.72 -0.53 0.00	18.24 -0.49 0.00
OUTOKUMPU-AB___DRP 24206	17.98 -0.60 0.00	18.01 -0.51 0.00	17.91 -0.44 0.00	17.59 -0.43 0.00	19.53 -0.38 0.00	19.66 -0.57 0.00	23.12 -1.12 0.00	27.09 -1.03 0.00	18.25 -0.49 0.00	16.64 -0.29 0.00	18.52 -0.18 0.00	21.40 0.23 0.00	20.95 0.35 0.00	20.05 0.08 0.00	19.27 -0.03 0.00	17.43 -0.29 0.00	17.53 -0.51 0.00	21.55 -1.47 0.00	28.91 -2.62 0.00	29.18 -2.46 0.00	28.97 -2.56 0.00	24.39 -2.14 0.00	18.06 -1.20 0.00	17.80 -0.93 0.00

OXBOW___BTM 323836	17.77 -0.81 0.00	17.81 -0.72 0.00	17.71 -0.64 0.00	17.39 -0.63 0.00	19.31 -0.60 0.00	19.41 -0.82 0.00	22.81 -1.42 0.00	26.91 -1.21 0.00	18.24 -0.50 0.00	16.65 -0.28 0.00	18.53 -0.17 0.00	21.41 0.25 0.00	20.86 0.27 0.00	19.78 -0.18 0.00	19.01 -0.29 0.00	17.19 -0.53 0.00	17.28 -0.76 0.00	21.23 -1.79 0.00	28.45 -3.08 0.00	28.70 -2.94 0.00	28.50 -3.03 0.00	24.01 -2.52 0.00	17.80 -1.46 0.00	17.55 -1.18 0.00
OXBOW____ 24026	17.77 -0.81 0.00	17.81 -0.72 0.00	17.70 -0.64 0.00	17.39 -0.62 0.00	19.31 -0.60 0.00	19.41 -0.82 0.00	22.81 -1.42 0.00	26.90 -1.22 0.00	18.25 -0.49 0.00	16.65 -0.28 0.00	18.53 -0.17 0.00	21.41 0.24 0.00	20.87 0.27 0.00	19.78 -0.19 0.00	19.01 -0.29 0.00	17.19 -0.53 0.00	17.28 -0.76 0.00	21.23 -1.79 0.00	28.45 -3.08 0.00	28.71 -2.94 0.00	28.49 -3.03 0.00	24.02 -2.51 0.00	17.80 -1.45 0.00	17.55 -1.18 0.00
OXY_CHEM_DSASP 323612	17.55 -1.03 0.00	17.60 -0.93 0.00	17.49 -0.85 0.00	17.18 -0.83 0.00	19.08 -0.82 0.00	19.17 -1.07 0.00	22.48 -1.76 0.00	26.21 -1.91 0.00	17.60 -1.14 0.00	16.06 -0.87 0.00	17.87 -0.83 0.00	20.68 -0.49 0.00	20.30 -0.29 0.00	19.50 -0.47 0.00	18.73 -0.57 0.00	16.94 -0.77 0.00	17.02 -1.02 0.00	20.89 -2.13 0.00	27.96 -3.58 0.00	28.20 -3.44 0.00	27.98 -3.55 0.00	23.61 -2.92 0.00	17.52 -1.73 0.00	17.31 -1.43 0.00
OZONE_PARK_ESR 323760	19.57 1.00 0.00	19.42 0.89 0.00	19.22 0.87 0.00	18.84 0.82 0.00	20.70 0.79 0.00	21.10 0.86 0.00	25.70 1.47 0.00	30.28 1.80 -0.36	20.19 1.04 -0.41	18.24 1.00 -0.31	19.85 1.15 0.00	22.46 1.30 0.00	21.90 1.30 0.00	21.32 1.35 0.00	20.67 1.37 0.00	19.11 1.35 -0.04	19.81 1.31 -0.46	24.66 1.64 0.00	33.63 2.10 0.00	33.76 2.12 0.00	33.52 1.99 0.00	28.10 1.57 0.00	20.24 0.99 0.00	19.73 0.99 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.55 -1.03 0.00	17.60 -0.93 0.00	17.49 -0.85 0.00	17.18 -0.83 0.00	19.08 -0.82 0.00	19.17 -1.07 0.00	22.48 -1.76 0.00	26.21 -1.91 0.00	17.60 -1.14 0.00	16.06 -0.87 0.00	17.87 -0.83 0.00	20.68 -0.49 0.00	20.30 -0.29 0.00	19.50 -0.47 0.00	18.73 -0.57 0.00	16.94 -0.77 0.00	17.02 -1.02 0.00	20.89 -2.13 0.00	27.96 -3.58 0.00	28.20 -3.44 0.00	27.98 -3.55 0.00	23.61 -2.92 0.00	17.52 -1.73 0.00	17.31 -1.43 0.00
PACKARD__115KV_DUPONT_184 80571	17.55 -1.03 0.00	17.60 -0.93 0.00	17.49 -0.85 0.00	17.18 -0.83 0.00	19.08 -0.82 0.00	19.17 -1.07 0.00	22.48 -1.76 0.00	26.21 -1.91 0.00	17.60 -1.14 0.00	16.06 -0.87 0.00	17.87 -0.83 0.00	20.68 -0.49 0.00	20.30 -0.29 0.00	19.50 -0.47 0.00	18.73 -0.57 0.00	16.94 -0.77 0.00	17.02 -1.02 0.00	20.89 -2.13 0.00	27.96 -3.58 0.00	28.20 -3.44 0.00	27.98 -3.55 0.00	23.61 -2.92 0.00	17.52 -1.73 0.00	17.31 -1.43 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.40 0.83 0.00	19.28 0.75 0.00	19.10 0.75 0.00	18.72 0.71 0.00	20.57 0.65 0.00	20.96 0.72 0.00	25.52 1.29 0.00	30.06 1.53 -0.40	20.00 0.85 -0.41	18.08 0.85 -0.31	19.63 0.93 0.00	22.22 1.05 0.00	21.67 1.08 0.00	21.08 1.11 0.00	20.44 1.14 0.00	18.88 1.11 -0.04	19.61 1.06 -0.52	24.39 1.37 0.00	33.25 1.72 0.00	33.34 1.70 0.00	33.19 1.66 0.00	27.84 1.31 0.00	20.04 0.78 0.00	19.53 0.80 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.40 0.83 0.00	19.28 0.75 0.00	19.10 0.75 0.00	18.73 0.71 0.00	20.57 0.66 0.00	20.96 0.72 0.00	25.55 1.31 0.00	30.10 1.58 -0.40	20.00 0.85 -0.41	18.08 0.85 -0.31	19.63 0.93 0.00	22.22 1.05 0.00	21.67 1.08 0.00	21.08 1.11 0.00	20.44 1.14 0.00	18.88 1.12 -0.04	19.62 1.06 -0.52	24.39 1.38 0.00	33.26 1.73 0.00	33.35 1.71 0.00	33.19 1.66 0.00	27.84 1.31 0.00	20.04 0.78 0.00	19.54 0.80 0.00
PATROON__115KV_TB1 80586	18.78 0.21 0.00	18.71 0.18 0.00	18.52 0.17 0.00	18.20 0.19 0.00	20.03 0.12 0.00	20.41 0.17 0.00	24.72 0.49 0.00	28.57 0.49 0.05	18.57 0.21 0.38	16.80 0.16 0.29	18.80 0.09 0.00	21.28 0.12 0.00	20.73 0.13 0.00	20.17 0.20 0.00	19.53 0.23 0.00	17.95 0.23 0.00	18.27 0.23 0.00	23.37 0.35 0.00	32.09 0.56 0.00	32.24 0.60 0.00	32.06 0.53 0.00	26.95 0.42 0.00	19.45 0.19 0.00	18.89 0.15 0.00
PATTRSNVILLE__SOLAR 323815	19.10 0.52 0.00	19.04 0.50 0.00	18.84 0.49 0.00	18.50 0.48 0.00	20.43 0.52 0.00	20.81 0.58 0.00	25.11 0.88 0.00	29.01 0.93 0.04	18.79 0.42 0.37	17.01 0.36 0.27	19.08 0.38 0.00	21.58 0.42 0.00	21.03 0.43 0.00	20.44 0.46 0.00	19.72 0.42 0.00	18.10 0.38 0.00	18.41 0.38 0.00	23.56 0.54 0.00	32.47 0.94 0.00	32.75 1.11 0.00	32.62 1.10 0.00	27.42 0.89 0.00	19.84 0.58 0.00	19.28 0.55 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.31 -0.26 0.00	18.32 -0.21 0.00	18.20 -0.15 0.00	17.86 -0.15 0.00	19.84 -0.07 0.00	19.96 -0.28 0.00	23.56 -0.68 0.00	27.54 -0.59 0.00	18.45 -0.29 0.00	16.85 -0.08 0.00	18.75 0.05 0.00	21.64 0.48 0.00	21.20 0.60 0.00	20.40 0.44 0.00	19.63 0.33 0.00	17.77 0.05 0.00	17.88 -0.15 0.00	22.09 -0.92 0.00	29.73 -1.80 0.00	30.01 -1.63 0.00	29.76 -1.76 0.00	25.02 -1.51 0.00	18.48 -0.78 0.00	18.20 -0.53 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.49 0.91 0.00	19.36 0.83 0.00	19.15 0.80 0.00	18.77 0.75 0.00	20.65 0.74 0.00	21.04 0.80 0.00	25.59 1.36 0.00	29.76 1.64 0.00	19.66 0.92 0.00	17.78 0.85 0.00	19.67 0.96 0.00	22.24 1.08 0.00	21.69 1.09 0.00	21.10 1.13 0.00	20.46 1.16 0.00	18.85 1.13 0.00	19.15 1.12 0.00	24.47 1.45 0.00	33.49 1.96 0.00	33.65 2.01 0.00	33.43 1.90 0.00	28.03 1.50 0.00	20.19 0.93 0.00	19.64 0.90 0.00
PEEKSKILL____ 23653	19.32 0.75 0.00	19.18 0.65 0.00	18.98 0.63 0.00	18.60 0.59 0.00	20.45 0.53 0.00	20.81 0.57 0.00	25.29 1.06 0.00	29.46 1.28 -0.06	19.87 0.72 -0.41	17.93 0.69 -0.31	19.51 0.81 0.00	22.09 0.92 0.00	21.53 0.94 0.00	20.96 0.99 0.00	20.32 1.02 0.00	18.73 1.01 0.00	19.01 0.96 -0.01	24.24 1.22 0.00	33.11 1.58 0.00	33.25 1.61 0.00	33.02 1.49 0.00	27.70 1.17 0.00	19.96 0.71 0.00	19.45 0.72 0.00
PGE MADISON__WINDPWR 24146	19.41 0.84 0.00	19.31 0.78 0.00	19.18 0.84 0.00	18.96 0.94 0.00	21.19 1.28 0.00	21.64 1.41 0.00	26.22 1.98 0.00	30.52 2.40 0.00	19.88 1.14 0.00	17.77 0.84 0.00	19.48 0.77 0.00	21.87 0.71 0.00	21.21 0.61 0.00	20.36 0.39 0.00	19.59 0.29 0.00	17.88 0.16 0.00	18.29 0.25 0.00	23.57 0.55 0.00	33.06 1.53 0.00	33.84 2.20 0.00	33.82 2.29 0.00	28.36 1.83 0.00	20.54 1.29 0.00	20.01 1.27 0.00
PIERCEFIELD__HYD 23852	18.15 -0.43 0.00	18.18 -0.35 0.00	17.98 -0.37 0.00	17.66 -0.36 0.00	19.62 -0.29 0.00	20.04 -0.20 0.00	23.76 -0.48 0.00	27.57 -0.55 0.00	18.45 -0.29 0.00	16.54 -0.38 0.00	18.24 -0.47 0.00	20.48 -0.68 0.00	19.81 -0.79 0.00	19.07 -0.90 0.00	18.36 -0.94 0.00	16.92 -0.79 0.00	17.38 -0.66 0.00	22.45 -0.57 0.00	30.87 -0.66 0.00	31.11 -0.53 0.00	31.19 -0.33 0.00	26.28 -0.25 0.00	19.07 -0.18 0.00	18.48 -0.25 0.00

PINELAWN_CC_1 323563	25.19 0.94 -5.67	19.95 0.92 -0.50	28.17 0.91 -8.91	18.79 0.77 0.00	20.82 0.62 -0.29	22.10 0.60 -1.27	34.14 0.98 -8.93	29.85 1.20 -0.53	19.66 0.74 -0.18	17.81 0.75 -0.14	19.78 1.08 0.00	22.40 1.24 0.00	21.86 1.26 0.00	21.26 1.29 0.00	20.59 1.29 0.00	19.02 1.30 0.00	19.18 1.13 -0.01	24.52 1.47 -0.03	40.54 1.83 -7.18	39.33 1.83 -5.86	38.91 1.81 -5.57	30.17 1.37 -2.27	20.09 0.84 0.00	19.63 0.89 0.00
PJM_GEN_HTP_PROXY 323702	19.41 0.83 0.00	19.26 0.73 0.00	19.07 0.72 0.00	18.70 0.69 0.00	20.54 0.63 0.00	20.93 0.69 0.00	25.48 1.24 0.00	29.96 1.52 -0.32	20.00 0.85 -0.40	18.07 0.83 -0.31	19.67 0.96 0.00	22.25 1.09 0.00	21.69 1.10 0.00	21.12 1.15 0.00	20.47 1.17 0.00	18.92 1.16 -0.04	19.55 1.11 -0.40	24.42 1.40 0.00	33.31 1.78 0.00	33.44 1.80 0.00	33.20 1.67 0.00	27.83 1.30 0.00	20.05 0.80 0.00	19.55 0.82 0.00
PJM_GEN_KEystone 24065	21.15 0.15 -2.43	18.63 0.10 0.00	18.48 0.14 0.00	18.13 0.11 0.00	20.06 0.08 -0.07	19.90 -0.03 0.31	24.27 0.04 0.00	28.26 0.12 -0.02	18.72 -0.01 0.01	17.50 0.15 -0.42	18.97 0.27 0.00	21.64 0.48 0.00	21.14 0.55 0.00	20.50 0.53 0.00	19.83 0.53 0.00	18.14 0.42 0.00	18.34 0.28 -0.03	29.08 0.09 -5.97	31.39 -0.14 0.00	31.59 -0.05 0.00	31.35 -0.18 0.00	26.31 -0.22 0.00	19.15 -0.11 0.00	18.80 0.06 0.00
PJM_GEN_NEPTUNE_PROXY 323594	19.33 0.75 0.00	19.24 0.71 0.00	19.06 0.71 0.00	18.62 0.60 0.00	20.36 0.45 0.00	20.67 0.43 0.00	25.03 0.79 0.00	29.13 0.97 -0.04	19.71 0.57 -0.40	17.85 0.62 -0.31	19.62 0.92 0.00	22.25 1.08 0.00	21.70 1.10 0.00	21.09 1.12 0.00	20.44 1.14 0.00	18.87 1.15 0.00	19.05 1.00 -0.01	24.30 1.28 0.00	33.11 1.58 0.00	33.20 1.56 0.00	33.04 1.51 0.00	27.67 1.14 0.00	19.93 0.67 0.00	19.46 0.72 0.00
PJM_GEN_VFT_PROXY 323633	19.33 0.76 0.00	19.19 0.66 0.00	19.00 0.65 0.00	18.63 0.62 0.00	20.46 0.55 0.00	20.85 0.61 0.00	25.38 1.14 0.00	29.88 1.39 -0.36	19.92 0.77 -0.40	18.00 0.77 -0.31	19.59 0.89 0.00	22.16 1.00 0.00	21.61 1.02 0.00	21.05 1.08 0.00	20.40 1.10 0.00	18.87 1.11 -0.04	19.56 1.06 -0.46	24.35 1.34 0.00	33.20 1.67 0.00	33.32 1.68 0.00	33.09 1.56 0.00	27.75 1.22 0.00	19.99 0.73 0.00	19.50 0.77 0.00
PLATSBURG_115KV_PMLD1 355749	18.51 -0.07 0.00	18.74 0.21 0.00	18.71 0.36 0.00	18.50 0.48 0.00	20.61 0.70 0.00	21.20 0.96 0.00	25.19 0.96 0.00	29.28 1.15 0.00	19.37 0.63 0.00	17.26 0.33 0.00	18.85 0.14 0.00	21.06 -0.10 0.00	20.45 -0.14 0.00	19.58 -0.39 0.00	18.89 -0.41 0.00	17.35 -0.37 0.00	17.77 -0.26 0.00	23.06 0.04 0.00	32.29 0.76 0.00	33.28 1.64 0.00	33.38 1.85 0.00	27.93 1.40 0.00	19.98 0.72 0.00	19.36 0.63 0.00
PLEASANTVLY___LBMP 24000	19.17 0.59 0.00	19.05 0.52 0.00	18.84 0.50 0.00	18.47 0.46 0.00	20.31 0.40 0.00	20.68 0.44 0.00	25.12 0.89 0.00	29.23 1.06 -0.05	19.67 0.55 -0.38	17.74 0.53 -0.29	19.31 0.61 0.00	21.85 0.68 0.00	21.30 0.71 0.00	20.74 0.77 0.00	20.10 0.80 0.00	18.52 0.80 0.00	18.79 0.75 0.00	23.97 0.95 0.00	32.80 1.27 0.00	32.96 1.32 0.00	32.73 1.20 0.00	27.48 0.95 0.00	19.80 0.55 0.00	19.28 0.54 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.32 0.74 0.00	19.18 0.65 0.00	18.99 0.64 0.00	18.61 0.59 0.00	20.45 0.54 0.00	20.83 0.59 0.00	25.32 1.08 0.00	29.48 1.31 -0.04	19.87 0.72 -0.41	17.93 0.69 -0.31	19.51 0.81 0.00	22.07 0.90 0.00	21.53 0.93 0.00	20.95 0.97 0.00	20.30 1.01 0.00	18.71 0.99 0.00	18.98 0.96 0.01	24.22 1.20 0.00	33.11 1.58 0.00	33.24 1.60 0.00	33.01 1.48 0.00	27.70 1.17 0.00	19.96 0.70 0.00	19.44 0.70 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.32 0.74 0.00	19.18 0.65 0.00	18.99 0.64 0.00	18.61 0.59 0.00	20.45 0.54 0.00	20.83 0.59 0.00	25.32 1.08 0.00	29.48 1.31 -0.04	19.87 0.72 -0.41	17.93 0.69 -0.31	19.51 0.81 0.00	22.07 0.90 0.00	21.53 0.93 0.00	20.95 0.97 0.00	20.30 1.01 0.00	18.71 0.99 0.00	18.98 0.96 0.01	24.22 1.20 0.00	33.11 1.58 0.00	33.24 1.60 0.00	33.01 1.48 0.00	27.70 1.17 0.00	19.96 0.70 0.00	19.44 0.70 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.52 0.94 0.00	19.40 0.87 0.00	19.19 0.84 0.00	18.81 0.80 0.00	20.71 0.80 0.00	21.09 0.85 0.00	25.64 1.41 0.00	29.72 1.68 0.08	18.99 0.92 0.68	17.23 0.81 0.51	19.60 0.90 0.00	22.22 1.05 0.00	21.65 1.05 0.00	21.07 1.10 0.00	20.41 1.11 0.00	18.81 1.09 0.00	19.14 1.11 0.00	24.51 1.49 0.00	33.63 2.09 0.00	33.82 2.18 0.00	33.62 2.09 0.00	28.19 1.66 0.00	20.30 1.05 0.00	19.74 1.00 0.00
POLETTI____ 23519	19.39 0.82 0.00	19.24 0.71 0.00	19.05 0.70 0.00	18.68 0.66 0.00	20.51 0.60 0.00	20.90 0.67 0.00	25.46 1.22 0.00	29.98 1.49 -0.36	19.99 0.84 -0.41	18.06 0.83 -0.31	19.67 0.96 0.00	22.25 1.08 0.00	21.69 1.09 0.00	21.12 1.15 0.00	20.47 1.17 0.00	18.93 1.17 -0.04	19.62 1.12 -0.46	24.42 1.40 0.00	33.30 1.77 0.00	33.41 1.77 0.00	33.16 1.64 0.00	27.81 1.28 0.00	20.04 0.79 0.00	19.54 0.80 0.00
POMONA___ESR 323819	19.28 0.70 0.00	19.15 0.62 0.00	18.95 0.60 0.00	18.58 0.57 0.00	20.43 0.51 0.00	20.76 0.53 0.00	25.22 0.98 0.00	29.34 1.17 -0.04	19.74 0.64 -0.36	17.83 0.63 -0.27	19.44 0.73 0.00	22.01 0.84 0.00	21.48 0.88 0.00	20.91 0.93 0.00	20.27 0.97 0.00	18.69 0.97 0.00	18.96 0.92 0.00	24.19 1.17 0.00	33.02 1.49 0.00	33.15 1.51 0.00	32.92 1.39 0.00	27.62 1.09 0.00	19.91 0.66 0.00	19.43 0.69 0.00
PORT_JEFF_3 23555	171.00 1.09 -151.35	32.97 1.08 -13.37	257.30 1.05 -237.90	19.04 0.91 -0.12	28.37 0.75 -7.71	54.88 0.70 -33.94	263.68 1.07 -238.37	42.81 1.30 -13.38	19.46 0.82 0.11	17.68 0.84 0.08	19.92 1.21 0.00	22.58 1.42 0.00	22.00 1.41 0.00	21.42 1.45 0.00	20.72 1.42 0.00	19.18 1.46 0.00	19.28 1.24 -0.01	25.34 1.59 -0.73	219.59 1.91 -186.14	185.54 1.89 -152.01	177.81 1.91 -144.37	86.70 1.43 -58.74	20.13 0.87 0.00	19.76 1.02 0.00
PORT_JEFF_4 23616	171.00 1.09 -151.35	32.97 1.08 -13.37	257.30 1.05 -237.90	19.04 0.91 -0.12	28.37 0.75 -7.71	54.88 0.70 -33.94	263.68 1.07 -238.37	42.81 1.30 -13.38	19.46 0.82 0.11	17.68 0.84 0.08	19.92 1.21 0.00	22.58 1.42 0.00	22.00 1.41 0.00	21.42 1.45 0.00	20.72 1.42 0.00	19.18 1.46 0.00	19.28 1.24 -0.01	25.34 1.59 -0.73	219.59 1.91 -186.14	185.54 1.89 -152.01	177.81 1.91 -144.37	86.70 1.43 -58.74	20.13 0.87 0.00	19.76 1.02 0.00
PORT_JEFF_IC 23713	177.62 1.09 -157.96	33.56 1.08 -13.95	267.70 1.06 -248.30	19.05 0.91 -0.12	28.70 0.75 -8.04	56.36 0.70 -35.42	274.13 1.10 -248.79	43.40 1.31 -13.96	19.28 0.79 0.25	17.55 0.81 0.18	19.92 1.21 0.00	22.57 1.41 0.00	22.00 1.41 0.00	21.42 1.45 0.00	20.72 1.42 0.00	19.17 1.45 0.00	19.28 1.24 -0.01	25.33 1.55 -0.76	227.67 1.87 -194.27	192.14 1.86 -158.64	184.07 1.87 -150.67	89.24 1.40 -61.30	20.10 0.84 0.00	19.76 1.03 0.00

PPL PILGRIM_ST_GT1 24216	31.43 1.11 -11.75	20.65 1.08 -1.04	37.87 1.05 -18.47	18.94 0.92 -0.01	21.27 0.76 -0.60	23.59 0.72 -2.64	43.73 0.99 -18.51	30.29 1.12 -1.05	19.44 0.90 0.20	17.68 0.90 0.15	19.95 1.25 0.00	22.60 1.44 0.00	22.05 1.45 0.00	21.45 1.48 0.00	20.76 1.46 0.00	19.19 1.47 0.00	19.31 1.27 -0.01	24.72 1.65 -0.06	48.09 1.90 -14.65	45.39 1.79 -11.97	44.82 1.93 -11.36	32.61 1.46 -4.62	20.20 0.94 0.00	19.77 1.04 0.00
PPL PILGRIM_ST_GT2 24217	31.43 1.11 -11.75	20.65 1.08 -1.04	37.87 1.05 -18.47	18.94 0.92 -0.01	21.27 0.76 -0.60	23.59 0.72 -2.64	43.73 0.99 -18.51	30.29 1.12 -1.05	19.44 0.90 0.20	17.68 0.90 0.15	19.95 1.25 0.00	22.60 1.44 0.00	22.05 1.45 0.00	21.45 1.48 0.00	20.76 1.46 0.00	19.19 1.47 0.00	19.31 1.27 -0.01	24.72 1.65 -0.06	48.09 1.90 -14.65	45.39 1.79 -11.97	44.82 1.93 -11.36	32.61 1.46 -4.62	20.20 0.94 0.00	19.77 1.04 0.00
PPL_SHRM_GT3 24213	168.29 1.04 -148.67	32.71 1.05 -13.13	253.09 1.04 -233.70	19.02 0.89 -0.11	28.20 0.72 -7.57	54.22 0.64 -33.34	259.39 0.99 -234.17	42.47 1.20 -13.15	19.42 0.80 0.12	17.67 0.83 0.09	19.87 1.17 0.00	22.56 1.40 0.00	21.95 1.36 0.00	21.41 1.44 0.00	20.67 1.37 0.00	19.15 1.44 0.00	19.23 1.18 -0.01	25.31 1.57 -0.72	216.26 1.86 -182.86	182.76 1.79 -149.33	175.16 1.81 -141.82	85.65 1.41 -57.71	20.09 0.84 0.00	19.76 1.02 0.00
PPL_SHRM_GT4 24214	168.29 1.04 -148.67	32.71 1.05 -13.13	253.09 1.04 -233.70	19.02 0.89 -0.11	28.20 0.72 -7.57	54.22 0.64 -33.34	259.39 0.99 -234.17	42.47 1.20 -13.15	19.42 0.80 0.12	17.67 0.83 0.09	19.87 1.17 0.00	22.56 1.40 0.00	21.95 1.36 0.00	21.41 1.44 0.00	20.67 1.37 0.00	19.15 1.44 0.00	19.23 1.18 -0.01	25.31 1.57 -0.72	216.26 1.86 -182.86	182.76 1.79 -149.33	175.16 1.81 -141.82	85.65 1.41 -57.71	20.09 0.84 0.00	19.76 1.02 0.00
PROJECT___ORANGE 1 24174	18.31 -0.26 0.00	18.26 -0.27 0.00	18.08 -0.26 0.00	17.74 -0.27 0.00	19.64 -0.27 0.00	19.97 -0.27 0.00	23.97 -0.26 0.00	27.92 -0.20 0.00	18.46 -0.28 0.00	16.70 -0.22 0.00	18.47 -0.23 0.00	20.98 -0.18 0.00	20.44 -0.15 0.00	19.81 -0.16 0.00	19.12 -0.18 0.00	17.49 -0.23 0.00	17.76 -0.27 0.00	22.58 -0.44 0.00	30.91 -0.62 0.00	31.13 -0.51 0.00	31.01 -0.52 0.00	26.04 -0.48 0.00	18.92 -0.34 0.00	18.44 -0.30 0.00
PROJECT___ORANGE 2 24166	18.31 -0.26 0.00	18.26 -0.27 0.00	18.08 -0.26 0.00	17.74 -0.27 0.00	19.64 -0.27 0.00	19.97 -0.27 0.00	23.97 -0.26 0.00	27.92 -0.20 0.00	18.46 -0.28 0.00	16.70 -0.22 0.00	18.47 -0.23 0.00	20.98 -0.18 0.00	20.44 -0.15 0.00	19.81 -0.16 0.00	19.12 -0.18 0.00	17.49 -0.23 0.00	17.76 -0.27 0.00	22.58 -0.44 0.00	30.91 -0.62 0.00	31.13 -0.51 0.00	31.01 -0.52 0.00	26.04 -0.48 0.00	18.92 -0.34 0.00	18.44 -0.30 0.00
PUCKETT___SOLAR 323809	18.71 0.14 0.00	18.61 0.08 0.00	18.46 0.11 0.00	18.15 0.14 0.00	20.17 0.26 0.00	20.49 0.25 0.00	24.65 0.42 0.00	28.68 0.56 0.00	18.91 0.17 0.00	17.08 0.15 0.00	18.84 0.14 0.00	21.35 0.18 0.00	20.75 0.15 0.00	20.05 0.08 0.00	19.34 0.04 0.00	17.66 -0.05 0.00	17.97 -0.07 0.00	22.91 -0.11 0.00	31.58 0.05 0.00	32.00 0.36 0.00	31.87 0.34 0.00	26.74 0.21 0.00	19.44 0.19 0.00	18.99 0.26 0.00
PYRITES___HYD 24023	18.62 0.05 0.00	18.65 0.12 0.00	18.44 0.09 0.00	18.14 0.12 0.00	20.14 0.24 0.00	20.57 0.33 0.00	24.38 0.15 0.00	28.24 0.12 0.00	18.83 0.09 0.00	16.87 -0.06 0.00	18.59 -0.12 0.00	20.87 -0.29 0.00	20.20 -0.40 0.00	19.47 -0.50 0.00	18.74 -0.55 0.00	17.27 -0.45 0.00	17.72 -0.32 0.00	22.98 -0.04 0.00	31.58 0.05 0.00	31.86 0.22 0.00	31.96 0.43 0.00	26.93 0.40 0.00	19.55 0.30 0.00	18.94 0.21 0.00
QUAKERRD_115KV_BK1 80622	17.80 -0.77 0.00	17.79 -0.74 0.00	17.65 -0.70 0.00	17.33 -0.68 0.00	19.23 -0.68 0.00	19.47 -0.77 0.00	23.17 -1.06 0.00	27.00 -1.12 0.00	17.94 -0.81 0.00	16.25 -0.67 0.00	18.04 -0.67 0.00	20.62 -0.55 0.00	20.15 -0.44 0.00	19.47 -0.50 0.00	18.75 -0.55 0.00	17.07 -0.65 0.00	17.28 -0.76 0.00	21.71 -1.31 0.00	29.53 -2.00 0.00	29.78 -1.86 0.00	29.62 -1.90 0.00	24.91 -1.63 0.00	18.21 -1.05 0.00	17.82 -0.91 0.00
QUENSRY_115KV_TB8 356137	18.96 0.39 0.00	18.92 0.39 0.00	18.70 0.36 0.00	18.39 0.37 0.00	20.36 0.45 0.00	20.86 0.62 0.00	25.41 1.18 0.00	29.39 1.33 0.06	18.65 0.42 0.52	16.77 0.23 0.39	18.99 0.28 0.00	21.45 0.29 0.00	20.96 0.36 0.00	20.29 0.32 0.00	19.63 0.33 0.00	18.00 0.29 0.00	18.48 0.45 0.00	23.75 0.73 0.00	32.79 1.26 0.00	33.11 1.47 0.00	32.83 1.30 0.00	27.53 1.00 0.00	19.82 0.57 0.00	19.16 0.43 0.00
RAMAPO___LBMP 323565	19.21 0.63 0.00	19.09 0.56 0.00	18.89 0.55 0.00	18.53 0.51 0.00	20.37 0.46 0.00	20.70 0.46 0.00	25.13 0.90 0.00	29.24 1.07 -0.04	19.67 0.57 -0.36	17.77 0.57 -0.27	19.36 0.66 0.00	21.92 0.76 0.00	21.40 0.80 0.00	20.82 0.86 0.00	20.19 0.89 0.00	18.62 0.90 0.00	18.87 0.84 0.00	24.08 1.06 0.00	32.88 1.35 0.00	33.00 1.36 0.00	32.79 1.26 0.00	27.51 0.98 0.00	19.84 0.58 0.00	19.36 0.62 0.00
RANKINE____ 23646	18.14 -0.43 0.00	18.16 -0.37 0.00	18.05 -0.30 0.00	17.72 -0.29 0.00	19.68 -0.22 0.00	19.81 -0.43 0.00	23.35 -0.88 0.00	27.30 -0.83 0.00	18.31 -0.43 0.00	16.72 -0.20 0.00	18.61 -0.10 0.00	21.48 0.31 0.00	21.05 0.45 0.00	20.25 0.28 0.00	19.48 0.18 0.00	17.64 -0.08 0.00	17.75 -0.28 0.00	21.89 -1.13 0.00	29.42 -2.11 0.00	29.67 -1.97 0.00	29.44 -2.09 0.00	24.75 -1.79 0.00	18.28 -0.97 0.00	18.00 -0.73 0.00
RAVENSWOOD_GT2_1 24244	19.40 0.83 0.00	19.26 0.73 0.00	19.07 0.72 0.00	18.69 0.68 0.00	20.53 0.62 0.00	20.92 0.68 0.00	25.47 1.24 0.00	30.03 1.50 -0.40	20.01 0.85 -0.41	18.07 0.84 -0.31	19.67 0.97 0.00	22.26 1.09 0.00	21.70 1.11 0.00	21.13 1.16 0.00	20.48 1.18 0.00	18.93 1.17 -0.05	19.68 1.12 -0.52	24.43 1.41 0.00	33.32 1.79 0.00	33.43 1.79 0.00	33.20 1.67 0.00	27.84 1.31 0.00	20.06 0.80 0.00	19.55 0.82 0.00
RAVENSWOOD_GT2_2 24245	19.40 0.83 0.00	19.26 0.73 0.00	19.07 0.72 0.00	18.69 0.68 0.00	20.53 0.62 0.00	20.92 0.68 0.00	25.47 1.24 0.00	30.03 1.50 -0.40	20.01 0.85 -0.41	18.07 0.84 -0.31	19.67 0.97 0.00	22.26 1.09 0.00	21.70 1.11 0.00	21.13 1.16 0.00	20.48 1.18 0.00	18.93 1.17 -0.05	19.68 1.12 -0.52	24.43 1.41 0.00	33.32 1.79 0.00	33.43 1.79 0.00	33.20 1.67 0.00	27.84 1.31 0.00	20.06 0.80 0.00	19.55 0.82 0.00
RAVENSWOOD_GT2_3 24246	19.41 0.83 0.00	19.26 0.73 0.00	19.07 0.72 0.00	18.70 0.68 0.00	20.54 0.63 0.00	20.92 0.69 0.00	25.47 1.24 0.00	30.04 1.51 -0.40	20.01 0.86 -0.41	18.07 0.84 -0.31	19.68 0.97 0.00	22.26 1.10 0.00	21.71 1.11 0.00	21.13 1.16 0.00	20.48 1.18 0.00	18.94 1.17 -0.05	19.68 1.12 -0.52	24.43 1.41 0.00	33.32 1.79 0.00	33.44 1.80 0.00	33.21 1.68 0.00	27.85 1.32 0.00	20.06 0.81 0.00	19.55 0.82 0.00

RAVENSWOOD_GT2_4 24247	19.41 0.83 0.00	19.26 0.73 0.00	19.07 0.72 0.00	18.70 0.68 0.00	20.54 0.63 0.00	20.92 0.69 0.00	25.47 1.24 0.00	30.04 1.51 -0.40	20.01 0.86 -0.41	18.07 0.84 -0.31	19.68 0.97 0.00	22.26 1.10 0.00	21.71 1.11 0.00	21.13 1.16 0.00	20.48 1.18 0.00	18.94 1.17 -0.05	19.68 1.12 -0.52	24.43 1.41 0.00	33.32 1.79 0.00	33.44 1.80 0.00	33.21 1.68 0.00	27.85 1.32 0.00	20.06 0.81 0.00	19.55 0.82 0.00
RAVENSWOOD_GT3_1 24248	19.41 0.83 0.00	19.26 0.73 0.00	19.07 0.72 0.00	18.70 0.68 0.00	20.54 0.63 0.00	20.92 0.69 0.00	25.47 1.24 0.00	30.04 1.51 -0.40	20.01 0.85 -0.41	18.07 0.84 -0.31	19.68 0.97 0.00	22.26 1.10 0.00	21.70 1.11 0.00	21.13 1.16 0.00	20.48 1.18 0.00	18.94 1.17 -0.05	19.68 1.12 -0.52	24.43 1.41 0.00	33.32 1.79 0.00	33.44 1.80 0.00	33.20 1.67 0.00	27.85 1.31 0.00	20.06 0.81 0.00	19.55 0.82 0.00
RAVENSWOOD_GT3_2 24249	19.41 0.83 0.00	19.26 0.73 0.00	19.07 0.72 0.00	18.70 0.68 0.00	20.54 0.63 0.00	20.92 0.69 0.00	25.47 1.24 0.00	30.04 1.51 -0.40	20.01 0.85 -0.41	18.07 0.84 -0.31	19.68 0.97 0.00	22.26 1.10 0.00	21.70 1.11 0.00	21.13 1.16 0.00	20.48 1.18 0.00	18.94 1.17 -0.05	19.68 1.12 -0.52	24.43 1.41 0.00	33.32 1.79 0.00	33.44 1.80 0.00	33.20 1.67 0.00	27.85 1.31 0.00	20.06 0.81 0.00	19.55 0.82 0.00
RAVENSWOOD_GT3_3 24250	19.43 0.85 0.00	19.29 0.76 0.00	19.09 0.74 0.00	18.72 0.71 0.00	20.56 0.65 0.00	20.95 0.71 0.00	25.50 1.27 0.00	30.08 1.55 -0.40	20.04 0.89 -0.41	18.10 0.87 -0.31	19.71 1.01 0.00	22.30 1.13 0.00	21.74 1.14 0.00	21.16 1.19 0.00	20.51 1.22 0.00	18.96 1.20 -0.05	19.71 1.16 -0.52	24.47 1.45 0.00	33.38 1.85 0.00	33.48 1.84 0.00	33.25 1.72 0.00	27.88 1.35 0.00	20.09 0.83 0.00	19.59 0.85 0.00
RAVENSWOOD_GT3_4 24251	19.43 0.85 0.00	19.29 0.76 0.00	19.09 0.74 0.00	18.72 0.71 0.00	20.56 0.65 0.00	20.95 0.71 0.00	25.50 1.27 0.00	30.08 1.55 -0.40	20.04 0.89 -0.41	18.10 0.87 -0.31	19.71 1.01 0.00	22.30 1.13 0.00	21.74 1.14 0.00	21.16 1.19 0.00	20.51 1.22 0.00	18.96 1.20 -0.05	19.71 1.16 -0.52	24.47 1.45 0.00	33.38 1.85 0.00	33.48 1.84 0.00	33.25 1.72 0.00	27.88 1.35 0.00	20.09 0.83 0.00	19.59 0.85 0.00
RAVENSWOOD_GT_1 23729	19.43 0.86 0.00	19.28 0.75 0.00	19.09 0.74 0.00	18.72 0.71 0.00	20.56 0.65 0.00	20.96 0.72 0.00	25.51 1.28 0.00	30.09 1.57 -0.40	20.07 0.91 -0.41	18.14 0.90 -0.31	19.76 1.05 0.00	22.34 1.18 0.00	21.78 1.19 0.00	21.20 1.24 0.00	20.55 1.25 0.00	19.00 1.23 -0.05	19.75 1.19 -0.52	24.53 1.51 0.00	33.43 1.91 0.00	33.52 1.88 0.00	33.30 1.77 0.00	27.93 1.40 0.00	20.12 0.86 0.00	19.61 0.88 0.00
RAVENSWOOD_GT_10 24258	19.41 0.83 0.00	19.26 0.73 0.00	19.07 0.72 0.00	18.70 0.68 0.00	20.54 0.63 0.00	20.92 0.68 0.00	25.47 1.24 0.00	30.03 1.51 -0.40	20.01 0.85 -0.41	18.07 0.83 -0.31	19.67 0.97 0.00	22.26 1.09 0.00	21.70 1.11 0.00	21.13 1.16 0.00	20.48 1.18 0.00	18.93 1.17 -0.05	19.68 1.12 -0.52	24.43 1.41 0.00	33.32 1.79 0.00	33.43 1.79 0.00	33.20 1.67 0.00	27.84 1.31 0.00	20.06 0.80 0.00	19.55 0.82 0.00
RAVENSWOOD_GT_11 24259	19.41 0.83 0.00	19.26 0.73 0.00	19.07 0.72 0.00	18.70 0.68 0.00	20.54 0.63 0.00	20.92 0.68 0.00	25.47 1.24 0.00	30.03 1.51 -0.40	20.01 0.85 -0.41	18.07 0.83 -0.31	19.67 0.97 0.00	22.26 1.09 0.00	21.70 1.11 0.00	21.13 1.16 0.00	20.48 1.18 0.00	18.93 1.17 -0.05	19.68 1.12 -0.52	24.43 1.41 0.00	33.32 1.79 0.00	33.43 1.79 0.00	33.20 1.67 0.00	27.84 1.31 0.00	20.06 0.80 0.00	19.55 0.82 0.00
RAVENSWOOD_GT_4 24252	19.39 0.82 0.00	19.26 0.73 0.00	19.06 0.72 0.00	18.69 0.67 0.00	20.53 0.62 0.00	20.92 0.68 0.00	25.47 1.23 0.00	30.02 1.50 -0.40	19.99 0.84 -0.41	18.06 0.82 -0.31	19.66 0.95 0.00	22.24 1.07 0.00	21.69 1.09 0.00	21.12 1.15 0.00	20.46 1.16 0.00	18.92 1.15 -0.05	19.66 1.11 -0.52	24.41 1.39 0.00	33.30 1.77 0.00	33.41 1.77 0.00	33.18 1.65 0.00	27.82 1.29 0.00	20.05 0.79 0.00	19.54 0.81 0.00
RAVENSWOOD_GT_5 24254	19.39 0.82 0.00	19.26 0.73 0.00	19.06 0.72 0.00	18.69 0.67 0.00	20.53 0.62 0.00	20.92 0.68 0.00	25.47 1.23 0.00	30.02 1.50 -0.40	19.99 0.84 -0.41	18.06 0.82 -0.31	19.66 0.95 0.00	22.24 1.07 0.00	21.69 1.09 0.00	21.12 1.15 0.00	20.46 1.16 0.00	18.92 1.15 -0.05	19.66 1.11 -0.52	24.41 1.39 0.00	33.30 1.77 0.00	33.41 1.77 0.00	33.18 1.65 0.00	27.82 1.29 0.00	20.05 0.79 0.00	19.54 0.81 0.00
RAVENSWOOD_GT_6 24253	19.39 0.82 0.00	19.26 0.73 0.00	19.06 0.72 0.00	18.69 0.67 0.00	20.53 0.62 0.00	20.92 0.68 0.00	25.47 1.23 0.00	30.02 1.50 -0.40	19.99 0.84 -0.41	18.06 0.82 -0.31	19.66 0.95 0.00	22.24 1.07 0.00	21.69 1.09 0.00	21.12 1.15 0.00	20.46 1.16 0.00	18.92 1.15 -0.05	19.66 1.11 -0.52	24.41 1.39 0.00	33.30 1.77 0.00	33.41 1.77 0.00	33.18 1.65 0.00	27.82 1.29 0.00	20.05 0.79 0.00	19.54 0.81 0.00
RAVENSWOOD_GT_7 24255	19.39 0.82 0.00	19.26 0.73 0.00	19.06 0.72 0.00	18.69 0.67 0.00	20.53 0.62 0.00	20.92 0.68 0.00	25.47 1.23 0.00	30.02 1.50 -0.40	19.99 0.84 -0.41	18.06 0.82 -0.31	19.66 0.95 0.00	22.24 1.07 0.00	21.69 1.09 0.00	21.12 1.15 0.00	20.46 1.16 0.00	18.92 1.15 -0.05	19.66 1.11 -0.52	24.41 1.39 0.00	33.30 1.77 0.00	33.41 1.77 0.00	33.18 1.65 0.00	27.82 1.29 0.00	20.05 0.79 0.00	19.54 0.81 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.41 0.83 0.00	19.26 0.73 0.00	19.07 0.72 0.00	18.70 0.68 0.00	20.54 0.63 0.00	20.92 0.68 0.00	25.47 1.24 0.00	30.03 1.51 -0.40	20.01 0.85 -0.41	18.07 0.83 -0.31	19.67 0.97 0.00	22.26 1.09 0.00	21.70 1.11 0.00	21.13 1.16 0.00	20.48 1.18 0.00	18.93 1.17 -0.05	19.68 1.12 -0.52	24.43 1.41 0.00	33.32 1.79 0.00	33.43 1.79 0.00	33.20 1.67 0.00	27.84 1.31 0.00	20.06 0.80 0.00	19.55 0.82 0.00
RAVENSWOOD_GT_9 24257	19.41 0.83 0.00	19.26 0.73 0.00	19.07 0.72 0.00	18.70 0.68 0.00	20.54 0.63 0.00	20.92 0.68 0.00	25.47 1.24 0.00	30.03 1.51 -0.40	20.01 0.85 -0.41	18.07 0.83 -0.31	19.67 0.97 0.00	22.26 1.09 0.00	21.70 1.11 0.00	21.13 1.16 0.00	20.48 1.18 0.00	18.93 1.17 -0.05	19.68 1.12 -0.52	24.43 1.41 0.00	33.32 1.79 0.00	33.43 1.79 0.00	33.20 1.67 0.00	27.84 1.31 0.00	20.06 0.80 0.00	19.55 0.82 0.00
RAVENSWOOD___1 23533	19.43 0.86 0.00	19.28 0.75 0.00	19.09 0.74 0.00	18.72 0.71 0.00	20.56 0.65 0.00	20.96 0.72 0.00	25.51 1.28 0.00	30.09 1.56 -0.40	20.06 0.91 -0.41	18.14 0.90 -0.31	19.76 1.05 0.00	22.34 1.18 0.00	21.78 1.19 0.00	21.20 1.23 0.00	20.55 1.26 0.00	19.00 1.23 -0.05	19.74 1.19 -0.52	24.53 1.51 0.00	33.43 1.91 0.00	33.52 1.88 0.00	33.30 1.77 0.00	27.93 1.40 0.00	20.12 0.87 0.00	19.61 0.88 0.00

RAVENSWOOD___2 23534	19.43 0.86 0.00	19.28 0.75 0.00	19.09 0.74 0.00	18.72 0.71 0.00	20.56 0.65 0.00	20.96 0.72 0.00	25.51 1.28 0.00	30.09 1.56 -0.40	20.06 0.91 -0.41	18.14 0.90 -0.31	19.76 1.05 0.00	22.34 1.18 0.00	21.78 1.19 0.00	21.20 1.23 0.00	20.55 1.26 0.00	19.00 1.23 -0.05	19.74 1.19 -0.52	24.53 1.51 0.00	33.43 1.91 0.00	33.52 1.88 0.00	33.30 1.77 0.00	27.93 1.40 0.00	20.12 0.87 0.00	19.61 0.88 0.00
RAVENSWOOD___3 23535	19.41 0.83 0.00	19.26 0.73 0.00	19.07 0.72 0.00	18.70 0.68 0.00	20.54 0.63 0.00	20.93 0.69 0.00	25.47 1.24 0.00	30.03 1.51 -0.40	20.01 0.85 -0.41	18.07 0.84 -0.31	19.68 0.97 0.00	22.26 1.10 0.00	21.71 1.11 0.00	21.13 1.16 0.00	20.48 1.18 0.00	18.94 1.17 -0.05	19.68 1.12 -0.52	24.43 1.41 0.00	33.32 1.79 0.00	33.44 1.80 0.00	33.21 1.68 0.00	27.85 1.32 0.00	20.07 0.81 0.00	19.56 0.82 0.00
RAVENSWOOD___4 23820	19.43 0.86 0.00	19.28 0.75 0.00	19.09 0.74 0.00	18.72 0.71 0.00	20.56 0.65 0.00	20.96 0.72 0.00	25.51 1.28 0.00	30.09 1.56 -0.40	20.06 0.91 -0.41	18.14 0.90 -0.31	19.76 1.05 0.00	22.34 1.18 0.00	21.78 1.19 0.00	21.20 1.23 0.00	20.55 1.26 0.00	19.00 1.23 -0.05	19.74 1.19 -0.52	24.53 1.51 0.00	33.43 1.91 0.00	33.52 1.88 0.00	33.30 1.77 0.00	27.93 1.40 0.00	20.12 0.87 0.00	19.61 0.88 0.00
RCPI_TRUST___DRP 24196	19.43 0.85 0.00	19.29 0.76 0.00	19.09 0.74 0.00	18.72 0.71 0.00	20.57 0.65 0.00	20.96 0.72 0.00	25.51 1.28 0.00	30.00 1.56 -0.32	20.03 0.88 -0.41	18.09 0.85 -0.31	19.69 0.99 0.00	22.28 1.12 0.00	21.72 1.13 0.00	21.15 1.18 0.00	20.50 1.20 0.00	18.94 1.19 -0.04	19.57 1.14 -0.40	24.45 1.43 0.00	33.35 1.82 0.00	33.47 1.83 0.00	33.23 1.70 0.00	27.86 1.33 0.00	20.07 0.81 0.00	19.57 0.83 0.00
RED___ROCHESTER 323720	18.33 -0.25 0.00	18.31 -0.22 0.00	18.17 -0.18 0.00	17.83 -0.18 0.00	19.79 -0.12 0.00	20.00 -0.23 0.00	23.79 -0.44 0.00	27.77 -0.36 0.00	18.45 -0.30 0.00	16.71 -0.21 0.00	18.53 -0.17 0.00	21.24 0.07 0.00	20.76 0.17 0.00	20.04 0.06 0.00	19.29 -0.01 0.00	17.54 -0.18 0.00	17.72 -0.31 0.00	22.19 -0.83 0.00	30.14 -1.39 0.00	30.42 -1.22 0.00	30.26 -1.27 0.00	25.43 -1.10 0.00	18.63 -0.63 0.00	18.25 -0.48 0.00
REGAN___SOLAR 323812	20.11 1.54 0.00	20.06 1.52 0.00	19.84 1.49 0.00	19.46 1.45 0.00	21.56 1.65 0.00	22.03 1.79 0.00	26.60 2.37 0.00	30.95 2.83 0.00	20.13 1.38 0.00	18.12 1.19 0.00	19.87 1.16 0.00	22.40 1.24 0.00	21.97 1.37 0.00	21.18 1.21 0.00	20.27 0.97 0.00	18.56 0.84 0.00	18.90 0.87 0.00	24.41 1.39 0.00	34.08 2.55 0.00	34.73 3.09 0.00	34.75 3.22 0.00	29.10 2.57 0.00	21.12 1.86 0.00	20.51 1.77 0.00
RENSSELAER___COGEN 23796	18.68 0.11 0.00	18.61 0.08 0.00	18.42 0.08 0.00	18.11 0.09 0.00	19.93 0.02 0.00	20.29 0.05 0.00	24.58 0.35 0.00	28.40 0.31 0.04	18.48 0.10 0.36	16.72 0.06 0.27	18.67 -0.03 0.00	21.14 -0.03 0.00	20.58 -0.01 0.00	20.04 0.06 0.00	19.41 0.11 0.00	17.83 0.11 0.00	18.15 0.11 0.00	23.21 0.19 0.00	31.87 0.34 0.00	32.04 0.40 0.00	31.86 0.33 0.00	26.78 0.25 0.00	19.34 0.08 0.00	18.78 0.05 0.00
REPUBLIC_115KV_BARTNBRK 55605	19.38 0.81 0.00	19.38 0.85 0.00	19.13 0.78 0.00	18.85 0.84 0.00	20.98 1.07 0.00	21.68 1.45 0.00	26.67 2.43 0.00	30.80 2.74 0.06	19.12 0.89 0.52	17.05 0.52 0.39	19.54 0.84 0.00	21.99 0.82 0.00	21.69 1.09 0.00	20.73 0.75 0.00	20.10 0.80 0.00	18.35 0.64 0.00	19.08 1.05 0.00	24.60 1.58 0.00	34.01 2.48 0.00	34.48 2.84 0.00	34.02 2.50 0.00	28.43 1.90 0.00	20.43 1.17 0.00	19.65 0.91 0.00
REVERE_CPPR_DRP 24186	19.14 0.57 0.00	19.09 0.56 0.00	18.83 0.49 0.00	18.42 0.40 0.00	20.43 0.52 0.00	20.91 0.67 0.00	25.22 0.99 0.00	29.27 1.14 0.00	19.27 0.52 0.00	17.29 0.37 0.00	19.05 0.35 0.00	21.53 0.37 0.00	20.82 0.22 0.00	20.14 0.16 0.00	19.45 0.15 0.00	17.82 0.10 0.00	18.23 0.20 0.00	23.37 0.36 0.00	32.35 0.81 0.00	32.83 1.19 0.00	32.82 1.30 0.00	27.53 0.99 0.00	19.91 0.66 0.00	19.34 0.61 0.00
REYNOLDS_115KV_TB3 80639	18.81 0.24 0.00	18.75 0.22 0.00	18.55 0.20 0.00	18.23 0.21 0.00	20.07 0.16 0.00	20.43 0.20 0.00	24.77 0.53 0.00	28.62 0.55 0.05	18.54 0.22 0.43	16.78 0.18 0.32	18.83 0.12 0.00	21.31 0.15 0.00	20.76 0.16 0.00	20.20 0.23 0.00	19.57 0.27 0.00	17.97 0.26 0.00	18.29 0.26 0.00	23.39 0.37 0.00	32.11 0.57 0.00	32.28 0.63 0.00	32.08 0.55 0.00	26.99 0.46 0.00	19.48 0.23 0.00	18.92 0.19 0.00
RIVERBAY____ 323610	19.40 0.83 0.00	19.28 0.75 0.00	19.10 0.75 0.00	18.73 0.71 0.00	20.57 0.66 0.00	20.96 0.72 0.00	25.55 1.31 0.00	30.10 1.58 -0.40	20.00 0.85 -0.41	18.08 0.85 -0.31	19.63 0.93 0.00	22.22 1.05 0.00	21.67 1.08 0.00	21.08 1.11 0.00	20.44 1.14 0.00	18.88 1.12 -0.04	19.62 1.06 -0.52	24.39 1.38 0.00	33.26 1.73 0.00	33.35 1.71 0.00	33.19 1.66 0.00	27.84 1.31 0.00	20.04 0.78 0.00	19.54 0.80 0.00
RIVERSDE_115KV_TB3 55908	18.70 0.12 0.00	18.63 0.10 0.00	18.44 0.09 0.00	18.13 0.11 0.00	19.95 0.04 0.00	20.31 0.07 0.00	24.61 0.38 0.00	28.44 0.37 0.05	18.47 0.12 0.39	16.72 0.09 0.30	18.71 0.01 0.00	21.18 0.01 0.00	20.62 0.03 0.00	20.08 0.10 0.00	19.44 0.15 0.00	17.87 0.15 0.00	18.19 0.15 0.00	23.26 0.24 0.00	31.92 0.38 0.00	32.08 0.44 0.00	31.89 0.36 0.00	26.82 0.29 0.00	19.36 0.10 0.00	18.80 0.07 0.00
ROARING___BROOK_WT_PWR 323790	18.50 -0.07 0.00	18.50 -0.03 0.00	18.25 -0.09 0.00	17.82 -0.20 0.00	19.77 -0.14 0.00	20.17 -0.06 0.00	24.11 -0.12 0.00	28.07 -0.06 0.00	18.77 0.02 0.00	16.92 -0.01 0.00	18.70 0.00 0.00	21.06 -0.11 0.00	20.29 -0.31 0.00	19.54 -0.43 0.00	18.86 -0.44 0.00	17.42 -0.30 0.00	17.86 -0.17 0.00	22.93 -0.09 0.00	31.50 -0.04 0.00	31.62 -0.02 0.00	31.54 0.01 0.00	26.56 0.03 0.00	19.29 0.04 0.00	18.76 0.02 0.00
ROCHESRG_115KV_T4 355643	18.10 -0.47 0.00	18.10 -0.43 0.00	17.96 -0.39 0.00	17.63 -0.39 0.00	19.56 -0.35 0.00	19.77 -0.47 0.00	23.47 -0.76 0.00	27.38 -0.75 0.00	18.22 -0.52 0.00	16.54 -0.38 0.00	18.38 -0.33 0.00	21.07 -0.09 0.00	20.59 0.00 0.00	19.87 -0.10 0.00	19.13 -0.17 0.00	17.39 -0.32 0.00	17.58 -0.46 0.00	21.99 -1.02 0.00	29.82 -1.71 0.00	30.10 -1.54 0.00	29.94 -1.59 0.00	25.17 -1.36 0.00	18.46 -0.80 0.00	18.09 -0.65 0.00
ROCHESTER_9_IC 23652	18.29 -0.28 0.00	18.28 -0.25 0.00	18.13 -0.21 0.00	17.81 -0.21 0.00	19.76 -0.15 0.00	19.98 -0.26 0.00	23.75 -0.49 0.00	27.71 -0.42 0.00	18.42 -0.32 0.00	16.67 -0.25 0.00	18.47 -0.23 0.00	21.16 0.00 0.00	20.69 0.10 0.00	19.97 0.00 0.00	19.22 -0.07 0.00	17.48 -0.24 0.00	17.66 -0.37 0.00	22.10 -0.92 0.00	29.99 -1.54 0.00	30.28 -1.37 0.00	30.11 -1.42 0.00	25.31 -1.22 0.00	18.56 -0.70 0.00	18.18 -0.55 0.00

ROCKVIEW_13_KV_LD 356306	19.40 0.82 0.00	19.25 0.72 0.00	19.03 0.69 0.00	18.66 0.64 0.00	20.50 0.60 0.00	20.87 0.64 0.00	25.38 1.15 0.00	29.57 1.40 -0.05	19.95 0.80 -0.41	18.02 0.78 -0.31	19.63 0.92 0.00	22.20 1.04 0.00	21.65 1.06 0.00	21.07 1.10 0.00	20.42 1.12 0.00	18.83 1.11 0.00	19.12 1.08 0.00	24.37 1.35 0.00	33.28 1.75 0.00	33.41 1.77 0.00	33.18 1.65 0.00	27.82 1.29 0.00	20.05 0.79 0.00	19.53 0.80 0.00
ROME____115KV_TB2 80656	19.14 0.57 0.00	19.09 0.56 0.00	18.83 0.49 0.00	18.42 0.40 0.00	20.43 0.52 0.00	20.91 0.67 0.00	25.22 0.99 0.00	29.27 1.14 0.00	19.27 0.52 0.00	17.29 0.37 0.00	19.05 0.35 0.00	21.53 0.37 0.00	20.82 0.22 0.00	20.14 0.16 0.00	19.45 0.15 0.00	17.82 0.10 0.00	18.23 0.20 0.00	23.37 0.36 0.00	32.35 0.81 0.00	32.83 1.19 0.00	32.82 1.30 0.00	27.53 0.99 0.00	19.91 0.66 0.00	19.34 0.61 0.00
ROSETON___1 23587	19.16 0.59 0.00	19.05 0.52 0.00	18.85 0.50 0.00	18.48 0.46 0.00	20.32 0.42 0.00	20.68 0.44 0.00	25.10 0.87 0.00	29.20 1.03 -0.04	19.65 0.54 -0.36	17.72 0.53 -0.27	19.31 0.61 0.00	21.85 0.69 0.00	21.31 0.71 0.00	20.74 0.77 0.00	20.10 0.80 0.00	18.51 0.80 0.00	18.79 0.76 0.00	23.97 0.95 0.00	32.79 1.26 0.00	32.94 1.30 0.00	32.73 1.20 0.00	27.46 0.93 0.00	19.80 0.55 0.00	19.29 0.55 0.00
ROSETON___2 23588	19.16 0.59 0.00	19.05 0.52 0.00	18.85 0.50 0.00	18.48 0.46 0.00	20.32 0.42 0.00	20.68 0.44 0.00	25.10 0.87 0.00	29.20 1.03 -0.04	19.65 0.54 -0.36	17.72 0.53 -0.27	19.31 0.61 0.00	21.85 0.69 0.00	21.31 0.71 0.00	20.74 0.77 0.00	20.10 0.80 0.00	18.51 0.80 0.00	18.79 0.76 0.00	23.97 0.95 0.00	32.79 1.26 0.00	32.94 1.30 0.00	32.73 1.20 0.00	27.46 0.93 0.00	19.80 0.55 0.00	19.29 0.55 0.00
ROTTDRAM_115KV_TB3 80664	18.95 0.38 0.00	18.90 0.37 0.00	18.70 0.36 0.00	18.36 0.35 0.00	20.27 0.36 0.00	20.63 0.40 0.00	24.93 0.70 0.00	28.85 0.77 0.05	18.71 0.35 0.38	16.92 0.28 0.29	19.00 0.30 0.00	21.49 0.33 0.00	20.94 0.35 0.00	20.36 0.39 0.00	19.68 0.39 0.00	18.08 0.36 0.00	18.40 0.37 0.00	23.53 0.52 0.00	32.32 0.79 0.00	32.52 0.88 0.00	32.35 0.82 0.00	27.20 0.67 0.00	19.66 0.40 0.00	19.10 0.36 0.00
RUSSELL___1 23602	18.33 -0.25 0.00	18.31 -0.22 0.00	18.16 -0.18 0.00	17.83 -0.18 0.00	19.79 -0.12 0.00	20.01 -0.23 0.00	23.79 -0.44 0.00	27.76 -0.36 0.00	18.45 -0.29 0.00	16.71 -0.21 0.00	18.53 -0.17 0.00	21.24 0.07 0.00	20.76 0.17 0.00	20.04 0.06 0.00	19.29 -0.01 0.00	17.54 -0.18 0.00	17.72 -0.31 0.00	22.19 -0.83 0.00	30.13 -1.40 0.00	30.43 -1.22 0.00	30.26 -1.27 0.00	25.43 -1.10 0.00	18.63 -0.62 0.00	18.26 -0.48 0.00
RUSSELL___2 23532	18.33 -0.25 0.00	18.31 -0.22 0.00	18.16 -0.18 0.00	17.83 -0.18 0.00	19.79 -0.12 0.00	20.01 -0.23 0.00	23.79 -0.44 0.00	27.76 -0.36 0.00	18.45 -0.29 0.00	16.71 -0.21 0.00	18.53 -0.17 0.00	21.24 0.07 0.00	20.76 0.17 0.00	20.04 0.06 0.00	19.29 -0.01 0.00	17.54 -0.18 0.00	17.72 -0.31 0.00	22.19 -0.83 0.00	30.13 -1.40 0.00	30.43 -1.22 0.00	30.26 -1.27 0.00	25.43 -1.10 0.00	18.63 -0.62 0.00	18.26 -0.48 0.00
RUSSELL___3 23549	18.33 -0.25 0.00	18.31 -0.22 0.00	18.16 -0.18 0.00	17.83 -0.18 0.00	19.79 -0.12 0.00	20.01 -0.23 0.00	23.79 -0.44 0.00	27.76 -0.36 0.00	18.45 -0.29 0.00	16.71 -0.21 0.00	18.53 -0.17 0.00	21.24 0.07 0.00	20.76 0.17 0.00	20.04 0.06 0.00	19.29 -0.01 0.00	17.54 -0.18 0.00	17.72 -0.31 0.00	22.19 -0.83 0.00	30.13 -1.40 0.00	30.43 -1.22 0.00	30.26 -1.27 0.00	25.43 -1.10 0.00	18.63 -0.62 0.00	18.26 -0.48 0.00
RUSSELL___4 23556	18.33 -0.25 0.00	18.31 -0.22 0.00	18.16 -0.18 0.00	17.83 -0.18 0.00	19.79 -0.12 0.00	20.01 -0.23 0.00	23.79 -0.44 0.00	27.76 -0.36 0.00	18.45 -0.29 0.00	16.71 -0.21 0.00	18.53 -0.17 0.00	21.24 0.07 0.00	20.76 0.17 0.00	20.04 0.06 0.00	19.29 -0.01 0.00	17.54 -0.18 0.00	17.72 -0.31 0.00	22.19 -0.83 0.00	30.13 -1.40 0.00	30.43 -1.22 0.00	30.26 -1.27 0.00	25.43 -1.10 0.00	18.63 -0.62 0.00	18.26 -0.48 0.00
RUSSELL___STATION 23914	18.33 -0.25 0.00	18.31 -0.22 0.00	18.16 -0.18 0.00	17.83 -0.18 0.00	19.79 -0.12 0.00	20.01 -0.23 0.00	23.79 -0.44 0.00	27.76 -0.36 0.00	18.45 -0.29 0.00	16.71 -0.21 0.00	18.53 -0.17 0.00	21.24 0.07 0.00	20.76 0.17 0.00	20.04 0.06 0.00	19.29 -0.01 0.00	17.54 -0.18 0.00	17.72 -0.31 0.00	22.19 -0.83 0.00	30.13 -1.40 0.00	30.43 -1.22 0.00	30.26 -1.27 0.00	25.43 -1.10 0.00	18.63 -0.62 0.00	18.26 -0.48 0.00
S SALMON___HYD 24043	18.12 -0.45 0.00	18.07 -0.46 0.00	17.77 -0.57 0.00	17.34 -0.68 0.00	19.28 -0.63 0.00	19.74 -0.50 0.00	23.75 -0.49 0.00	27.56 -0.56 0.00	18.18 -0.57 0.00	16.35 -0.58 0.00	18.04 -0.66 0.00	20.43 -0.73 0.00	19.78 -0.82 0.00	19.03 -0.94 0.00	18.36 -0.94 0.00	16.90 -0.82 0.00	17.25 -0.78 0.00	22.07 -0.95 0.00	30.41 -1.12 0.00	30.85 -0.79 0.00	30.91 -0.62 0.00	25.96 -0.57 0.00	18.82 -0.44 0.00	18.31 -0.42 0.00
S.PERRY__115KV_TB1 80734	18.71 0.14 0.00	18.71 0.18 0.00	18.59 0.24 0.00	18.28 0.26 0.00	20.33 0.42 0.00	20.59 0.35 0.00	24.55 0.31 0.00	28.64 0.52 0.00	18.76 0.01 0.00	17.01 0.09 0.00	19.11 0.40 0.00	21.82 0.66 0.00	21.07 0.47 0.00	20.31 0.34 0.00	19.57 0.28 0.00	17.79 0.07 0.00	18.00 -0.04 0.00	22.54 -0.48 0.00	30.61 -0.92 0.00	31.20 -0.44 0.00	31.30 -0.22 0.00	26.25 -0.28 0.00	19.19 -0.06 0.00	18.75 0.01 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.94 -0.64 0.00	17.97 -0.56 0.00	17.86 -0.48 0.00	17.53 -0.48 0.00	19.48 -0.43 0.00	19.58 -0.66 0.00	23.05 -1.18 0.00	26.92 -1.20 0.00	18.09 -0.66 0.00	16.50 -0.42 0.00	18.37 -0.33 0.00	21.22 0.06 0.00	20.82 0.23 0.00	20.03 0.06 0.00	19.25 -0.04 0.00	17.43 -0.29 0.00	17.53 -0.51 0.00	21.58 -1.44 0.00	28.96 -2.57 0.00	29.22 -2.42 0.00	28.98 -2.55 0.00	24.40 -2.13 0.00	18.05 -1.20 0.00	17.80 -0.94 0.00
SAWYER___23_KV_LOAD 55526	17.94 -0.64 0.00	17.97 -0.56 0.00	17.86 -0.48 0.00	17.53 -0.48 0.00	19.48 -0.43 0.00	19.58 -0.66 0.00	23.05 -1.18 0.00	26.92 -1.20 0.00	18.09 -0.66 0.00	16.50 -0.42 0.00	18.37 -0.33 0.00	21.22 0.06 0.00	20.82 0.23 0.00	20.03 0.06 0.00	19.25 -0.04 0.00	17.43 -0.29 0.00	17.53 -0.51 0.00	21.58 -1.44 0.00	28.96 -2.57 0.00	29.22 -2.42 0.00	28.98 -2.55 0.00	24.40 -2.13 0.00	18.05 -1.20 0.00	17.80 -0.94 0.00
SELKIRK___I 23801	18.87 0.29 0.00	18.83 0.30 0.00	18.65 0.30 0.00	18.32 0.30 0.00	20.19 0.28 0.00	20.54 0.30 0.00	24.82 0.59 0.00	28.63 0.51 0.00	18.89 0.15 0.00	17.00 0.08 0.00	18.71 0.01 0.00	21.17 0.00 0.00	20.60 0.01 0.00	20.05 0.08 0.00	19.44 0.15 0.00	17.86 0.15 0.00	18.21 0.18 0.00	23.32 0.30 0.00	32.09 0.56 0.00	32.29 0.65 0.00	32.13 0.60 0.00	27.01 0.48 0.00	19.53 0.27 0.00	18.98 0.25 0.00

SELKIRK___II 23799	18.78 0.21 0.00	18.72 0.19 0.00	18.53 0.19 0.00	18.21 0.19 0.00	20.05 0.14 0.00	20.40 0.16 0.00	24.68 0.44 0.00	28.56 0.44 0.00	18.92 0.18 0.00	17.06 0.13 0.00	18.79 0.08 0.00	21.26 0.10 0.00	20.71 0.11 0.00	20.16 0.18 0.00	19.52 0.22 0.00	17.93 0.21 0.00	18.24 0.21 0.00	23.32 0.30 0.00	32.01 0.48 0.00	32.17 0.53 0.00	32.00 0.47 0.00	26.90 0.37 0.00	19.44 0.18 0.00	18.89 0.15 0.00
SENECA OSWGO___HYD 24041	18.13 -0.44 0.00	18.08 -0.45 0.00	17.90 -0.45 0.00	17.56 -0.45 0.00	19.44 -0.47 0.00	19.78 -0.45 0.00	23.73 -0.50 0.00	27.53 -0.59 0.00	18.24 -0.51 0.00	16.48 -0.45 0.00	18.21 -0.49 0.00	20.66 -0.51 0.00	20.11 -0.48 0.00	19.47 -0.50 0.00	18.82 -0.48 0.00	17.25 -0.47 0.00	17.53 -0.50 0.00	22.32 -0.70 0.00	30.60 -0.93 0.00	30.85 -0.80 0.00	30.74 -0.79 0.00	25.82 -0.71 0.00	18.74 -0.51 0.00	18.26 -0.47 0.00
SENECA___115KV_TB3 355854	18.17 -0.41 0.00	18.19 -0.34 0.00	18.07 -0.28 0.00	17.75 -0.27 0.00	19.70 -0.21 0.00	19.83 -0.41 0.00	23.39 -0.84 0.00	27.34 -0.79 0.00	18.34 -0.40 0.00	16.74 -0.18 0.00	18.64 -0.06 0.00	21.51 0.35 0.00	21.08 0.49 0.00	20.29 0.31 0.00	19.51 0.21 0.00	17.66 -0.05 0.00	17.78 -0.25 0.00	21.93 -1.09 0.00	29.46 -2.07 0.00	29.73 -1.91 0.00	29.48 -2.05 0.00	24.79 -1.74 0.00	18.31 -0.95 0.00	18.03 -0.71 0.00
SENECA___ENERGY 23797	18.30 -0.28 0.00	18.23 -0.30 0.00	18.09 -0.25 0.00	17.77 -0.24 0.00	19.72 -0.19 0.00	20.00 -0.23 0.00	24.01 -0.22 0.00	28.21 0.09 0.00	18.42 -0.33 0.00	16.65 -0.27 0.00	18.42 -0.28 0.00	20.96 -0.20 0.00	20.43 -0.16 0.00	19.85 -0.12 0.00	19.20 -0.09 0.00	17.43 -0.29 0.00	17.70 -0.34 0.00	22.38 -0.64 0.00	30.61 -0.92 0.00	30.87 -0.77 0.00	30.78 -0.75 0.00	25.85 -0.68 0.00	18.84 -0.42 0.00	18.39 -0.35 0.00
SHOEMAKER___GT 23640	19.10 0.52 0.00	18.98 0.45 0.00	18.79 0.44 0.00	18.43 0.41 0.00	20.29 0.38 0.00	20.63 0.39 0.00	24.99 0.76 0.00	29.03 0.90 0.00	19.19 0.44 0.00	17.35 0.42 0.00	19.17 0.47 0.00	21.69 0.53 0.00	21.15 0.55 0.00	20.57 0.60 0.00	19.93 0.63 0.00	18.34 0.63 0.00	18.62 0.59 0.00	23.79 0.77 0.00	32.57 1.04 0.00	32.75 1.11 0.00	32.57 1.04 0.00	27.35 0.82 0.00	19.75 0.49 0.00	19.23 0.50 0.00
SHOEMAKR_138KV_BK 111 55601	19.09 0.52 0.00	18.98 0.44 0.00	18.78 0.44 0.00	18.42 0.40 0.00	20.28 0.37 0.00	20.62 0.38 0.00	24.99 0.75 0.00	29.02 0.90 0.00	19.19 0.44 0.00	17.35 0.43 0.00	19.19 0.48 0.00	21.71 0.55 0.00	21.17 0.57 0.00	20.60 0.62 0.00	19.95 0.65 0.00	18.37 0.65 0.00	18.64 0.61 0.00	23.81 0.79 0.00	32.58 1.05 0.00	32.75 1.11 0.00	32.56 1.03 0.00	27.33 0.80 0.00	19.74 0.48 0.00	19.23 0.49 0.00
SHOREHAM_IC_1 23715	168.29 1.04 -148.67	32.71 1.05 -13.13	253.09 1.04 -233.70	19.02 0.89 -0.11	28.20 0.72 -7.57	54.22 0.64 -33.34	259.39 0.99 -234.17	42.47 1.20 -13.15	19.42 0.80 0.12	17.67 0.83 0.09	19.87 1.17 0.00	22.56 1.40 0.00	21.95 1.36 0.00	21.41 1.44 0.00	20.67 1.37 0.00	19.15 1.44 0.00	19.23 1.18 -0.01	25.31 1.57 -0.72	216.26 1.86 -182.86	182.76 1.79 -149.33	175.16 1.81 -141.82	85.65 1.41 -57.71	20.09 0.84 0.00	19.76 1.02 0.00
SHOREHAM_IC_2 23716	168.29 1.04 -148.67	32.71 1.05 -13.13	253.09 1.04 -233.70	19.02 0.89 -0.11	28.20 0.72 -7.57	54.22 0.64 -33.34	259.39 0.99 -234.17	42.47 1.20 -13.15	19.42 0.80 0.12	17.67 0.83 0.09	19.87 1.17 0.00	22.56 1.40 0.00	21.95 1.36 0.00	21.41 1.44 0.00	20.67 1.37 0.00	19.15 1.44 0.00	19.23 1.18 -0.01	25.31 1.57 -0.72	216.26 1.86 -182.86	182.76 1.79 -149.33	175.16 1.81 -141.82	85.65 1.41 -57.71	20.09 0.84 0.00	19.76 1.02 0.00
SISSONVILLE____ 23735	18.15 -0.43 0.00	18.18 -0.35 0.00	17.98 -0.37 0.00	17.66 -0.36 0.00	19.62 -0.29 0.00	20.04 -0.20 0.00	23.76 -0.48 0.00	27.57 -0.55 0.00	18.45 -0.29 0.00	16.54 -0.38 0.00	18.24 -0.47 0.00	20.48 -0.68 0.00	19.81 -0.79 0.00	19.07 -0.90 0.00	18.36 -0.94 0.00	16.92 -0.79 0.00	17.38 -0.66 0.00	22.45 -0.57 0.00	30.87 -0.66 0.00	31.11 -0.53 0.00	31.19 -0.33 0.00	26.28 -0.25 0.00	19.07 -0.18 0.00	18.48 -0.25 0.00
SITHE_IND_GS1 24169	18.02 -0.56 0.00	17.97 -0.56 0.00	17.79 -0.55 0.00	17.47 -0.55 0.00	19.33 -0.58 0.00	19.64 -0.60 0.00	23.54 -0.69 0.00	27.31 -0.81 0.00	18.15 -0.59 0.00	16.41 -0.52 0.00	18.15 -0.55 0.00	20.60 -0.57 0.00	20.05 -0.54 0.00	19.42 -0.55 0.00	18.76 -0.54 0.00	17.19 -0.52 0.00	17.47 -0.56 0.00	22.22 -0.79 0.00	30.42 -1.11 0.00	30.60 -1.04 0.00	30.49 -1.04 0.00	25.62 -0.91 0.00	18.62 -0.64 0.00	18.15 -0.59 0.00
SITHE_IND_GS2 24170	18.02 -0.56 0.00	17.97 -0.56 0.00	17.79 -0.55 0.00	17.47 -0.55 0.00	19.33 -0.58 0.00	19.64 -0.60 0.00	23.54 -0.69 0.00	27.31 -0.81 0.00	18.15 -0.59 0.00	16.41 -0.52 0.00	18.15 -0.55 0.00	20.60 -0.57 0.00	20.05 -0.54 0.00	19.42 -0.55 0.00	18.76 -0.54 0.00	17.19 -0.52 0.00	17.47 -0.56 0.00	22.22 -0.79 0.00	30.42 -1.11 0.00	30.60 -1.04 0.00	30.49 -1.04 0.00	25.62 -0.91 0.00	18.62 -0.64 0.00	18.15 -0.59 0.00
SITHE_IND_GS3 24171	18.02 -0.56 0.00	17.97 -0.56 0.00	17.79 -0.55 0.00	17.47 -0.55 0.00	19.33 -0.58 0.00	19.64 -0.60 0.00	23.54 -0.69 0.00	27.31 -0.81 0.00	18.15 -0.59 0.00	16.41 -0.52 0.00	18.15 -0.55 0.00	20.60 -0.57 0.00	20.05 -0.54 0.00	19.42 -0.55 0.00	18.76 -0.54 0.00	17.19 -0.52 0.00	17.47 -0.56 0.00	22.22 -0.79 0.00	30.42 -1.11 0.00	30.60 -1.04 0.00	30.49 -1.04 0.00	25.62 -0.91 0.00	18.62 -0.64 0.00	18.15 -0.59 0.00
SITHE_IND_GS4 24172	18.02 -0.56 0.00	17.97 -0.56 0.00	17.79 -0.55 0.00	17.47 -0.55 0.00	19.33 -0.58 0.00	19.64 -0.60 0.00	23.54 -0.69 0.00	27.31 -0.81 0.00	18.15 -0.59 0.00	16.41 -0.52 0.00	18.15 -0.55 0.00	20.60 -0.57 0.00	20.05 -0.54 0.00	19.42 -0.55 0.00	18.76 -0.54 0.00	17.19 -0.52 0.00	17.47 -0.56 0.00	22.22 -0.79 0.00	30.42 -1.11 0.00	30.60 -1.04 0.00	30.49 -1.04 0.00	25.62 -0.91 0.00	18.62 -0.64 0.00	18.15 -0.59 0.00
SITHE___BATAVIA 24024	18.34 -0.24 0.00	18.35 -0.18 0.00	18.22 -0.12 0.00	17.90 -0.12 0.00	19.87 -0.04 0.00	20.07 -0.17 0.00	23.76 -0.48 0.00	27.80 -0.32 0.00	18.52 -0.23 0.00	16.77 -0.15 0.00	18.59 -0.11 0.00	21.47 0.31 0.00	20.96 0.37 0.00	20.18 0.21 0.00	19.40 0.10 0.00	17.57 -0.15 0.00	17.67 -0.37 0.00	21.90 -1.12 0.00	29.69 -1.84 0.00	30.12 -1.52 0.00	30.00 -1.53 0.00	25.23 -1.30 0.00	18.57 -0.68 0.00	18.24 -0.49 0.00
SITHE___INDEPEND 23800	18.02 -0.56 0.00	17.97 -0.56 0.00	17.79 -0.55 0.00	17.47 -0.55 0.00	19.33 -0.58 0.00	19.64 -0.60 0.00	23.54 -0.69 0.00	27.31 -0.81 0.00	18.15 -0.59 0.00	16.41 -0.51 0.00	18.15 -0.55 0.00	20.60 -0.57 0.00	20.05 -0.54 0.00	19.42 -0.55 0.00	18.76 -0.54 0.00	17.19 -0.52 0.00	17.47 -0.56 0.00	22.22 -0.79 0.00	30.42 -1.12 0.00	30.60 -1.04 0.00	30.49 -1.04 0.00	25.62 -0.91 0.00	18.62 -0.64 0.00	18.15 -0.59 0.00

SITHE___MASSENA 23902	18.69 0.12 0.00	18.71 0.18 0.00	18.52 0.17 0.00	18.22 0.21 0.00	20.19 0.28 0.00	20.55 0.31 0.00	24.32 0.09 0.00	28.22 0.10 0.00	18.95 0.21 0.00	17.06 0.14 0.00	18.85 0.15 0.00	21.23 0.07 0.00	20.59 0.00 0.00	19.89 -0.08 0.00	19.16 -0.14 0.00	17.63 -0.09 0.00	18.04 0.01 0.00	23.17 0.16 0.00	31.73 0.20 0.00	31.83 0.19 0.00	31.82 0.29 0.00	26.83 0.30 0.00	19.52 0.26 0.00	18.95 0.21 0.00
SITHE___OGDNSBRG 24021	18.76 0.18 0.00	18.78 0.25 0.00	18.58 0.24 0.00	18.28 0.26 0.00	20.29 0.39 0.00	20.69 0.46 0.00	24.51 0.28 0.00	28.38 0.26 0.00	18.93 0.19 0.00	16.98 0.06 0.00	18.74 0.03 0.00	21.06 -0.10 0.00	20.40 -0.19 0.00	19.68 -0.29 0.00	18.95 -0.35 0.00	17.45 -0.27 0.00	17.89 -0.14 0.00	23.14 0.12 0.00	31.73 0.20 0.00	32.00 0.36 0.00	32.10 0.58 0.00	27.06 0.53 0.00	19.66 0.41 0.00	19.05 0.32 0.00
SITHE___STERLING 23777	19.00 0.42 0.00	18.94 0.41 0.00	18.72 0.38 0.00	18.35 0.33 0.00	20.32 0.41 0.00	20.76 0.52 0.00	25.03 0.79 0.00	29.05 0.93 0.00	19.13 0.39 0.00	17.20 0.28 0.00	18.97 0.26 0.00	21.46 0.29 0.00	20.80 0.21 0.00	20.14 0.16 0.00	19.45 0.15 0.00	17.82 0.11 0.00	18.19 0.15 0.00	23.22 0.20 0.00	32.03 0.50 0.00	32.46 0.82 0.00	32.42 0.89 0.00	27.21 0.68 0.00	19.71 0.45 0.00	19.15 0.42 0.00
SLEIGHT__34_KV_TB1 80719	18.17 -0.41 0.00	18.12 -0.41 0.00	17.98 -0.36 0.00	17.66 -0.36 0.00	19.60 -0.32 0.00	19.86 -0.38 0.00	23.74 -0.49 0.00	27.75 -0.37 0.00	18.30 -0.45 0.00	16.58 -0.35 0.00	18.37 -0.34 0.00	20.96 -0.21 0.00	20.46 -0.13 0.00	19.80 -0.17 0.00	19.11 -0.19 0.00	17.36 -0.36 0.00	17.61 -0.43 0.00	22.20 -0.82 0.00	30.27 -1.26 0.00	30.53 -1.11 0.00	30.40 -1.13 0.00	25.52 -1.01 0.00	18.63 -0.62 0.00	18.21 -0.52 0.00
SOUTH CAIRO___GT 23612	19.30 0.73 0.00	19.26 0.73 0.00	19.07 0.72 0.00	18.76 0.74 0.00	20.69 0.78 0.00	21.12 0.88 0.00	25.63 1.40 0.00	29.59 1.47 0.00	19.41 0.66 0.00	17.27 0.34 0.00	18.96 0.26 0.00	21.32 0.16 0.00	20.71 0.12 0.00	20.17 0.20 0.00	19.52 0.23 0.00	17.93 0.21 0.00	18.32 0.28 0.00	23.57 0.55 0.00	32.73 1.20 0.00	33.21 1.57 0.00	33.11 1.59 0.00	27.81 1.28 0.00	20.05 0.80 0.00	19.41 0.67 0.00
SOUTH HAMPTN___IC 23720	166.58 1.01 -147.00	32.67 1.15 -12.98	250.58 1.17 -231.07	19.15 1.03 -0.11	28.28 0.89 -7.48	54.02 0.81 -32.97	256.90 1.14 -231.53	42.55 1.42 -13.00	19.60 0.93 0.07	17.82 0.95 0.05	20.01 1.31 0.00	22.73 1.57 0.00	22.13 1.53 0.00	21.55 1.58 0.00	20.81 1.52 0.00	19.26 1.54 0.00	19.28 1.24 -0.01	25.38 1.65 -0.71	214.23 1.89 -180.80	181.11 1.82 -147.64	173.79 2.03 -140.22	85.31 1.73 -57.06	20.31 1.06 0.00	19.95 1.21 0.00
SOUTHDOW__115KV_TB1 355954	19.00 0.43 0.00	18.96 0.43 0.00	18.85 0.50 0.00	18.49 0.47 0.00	20.54 0.63 0.00	20.69 0.45 0.00	24.57 0.34 0.00	28.76 0.64 0.00	19.18 0.44 0.00	17.56 0.63 0.00	19.56 0.86 0.00	22.55 1.39 0.00	22.05 1.45 0.00	21.24 1.27 0.00	20.43 1.13 0.00	18.45 0.74 0.00	18.55 0.52 0.00	22.99 -0.03 0.00	30.98 -0.54 0.00	31.26 -0.38 0.00	30.86 -0.67 0.00	25.77 -0.76 0.00	18.94 -0.31 0.00	18.62 -0.11 0.00
SOUTHOLD_69_KV_BK 2 55809	166.10 0.60 -146.93	32.76 1.25 -12.98	250.63 1.32 -230.96	19.32 1.20 -0.11	28.47 1.08 -7.48	54.18 0.99 -32.95	256.93 1.28 -231.42	42.77 1.66 -13.00	19.73 1.06 0.07	17.93 1.05 0.05	20.16 1.46 0.00	22.93 1.77 0.00	22.34 1.74 0.00	21.72 1.75 0.00	20.94 1.65 0.00	19.34 1.62 0.00	19.25 1.21 -0.01	25.36 1.63 -0.71	213.68 1.43 -180.72	180.63 1.41 -147.58	174.05 2.36 -140.16	85.57 2.01 -57.03	20.48 1.23 0.00	20.10 1.37 0.00
SOUTHOLD___IC 23719	166.10 0.60 -146.93	32.76 1.25 -12.98	250.62 1.31 -230.96	19.33 1.20 -0.11	28.47 1.08 -7.48	54.18 0.99 -32.95	256.90 1.25 -231.42	42.76 1.64 -13.00	19.73 1.06 0.07	17.93 1.05 0.05	20.16 1.45 0.00	22.93 1.77 0.00	22.33 1.74 0.00	21.72 1.75 0.00	20.95 1.65 0.00	19.34 1.62 0.00	19.25 1.21 -0.01	25.37 1.64 -0.71	213.68 1.43 -180.72	180.63 1.41 -147.58	174.05 2.36 -140.16	85.57 2.01 -57.03	20.48 1.23 0.00	20.10 1.37 0.00
SOUTH_FORK_WT_PWR 323839	166.16 0.63 -146.97	32.70 1.19 -12.98	250.66 1.29 -231.02	19.32 1.19 -0.11	28.46 1.07 -7.48	54.16 0.96 -32.96	256.86 1.14 -231.48	42.67 1.55 -13.00	19.67 1.00 0.07	17.87 1.00 0.05	20.14 1.43 0.00	22.95 1.78 0.00	22.35 1.76 0.00	21.71 1.75 0.00	20.93 1.63 0.00	19.29 1.57 0.00	19.10 1.05 -0.01	25.17 1.44 -0.71	213.69 1.39 -180.76	180.70 1.45 -147.61	173.95 2.22 -140.20	85.60 2.03 -57.04	20.50 1.24 0.00	20.11 1.38 0.00
SPIERFLS_115KV_TB 1 80737	18.90 0.33 0.00	18.86 0.33 0.00	18.65 0.31 0.00	18.32 0.31 0.00	20.28 0.37 0.00	20.75 0.51 0.00	25.25 1.02 0.00	29.20 1.14 0.06	18.58 0.35 0.51	16.72 0.18 0.38	18.91 0.21 0.00	21.37 0.20 0.00	20.87 0.27 0.00	20.22 0.25 0.00	19.56 0.26 0.00	17.94 0.23 0.00	18.39 0.36 0.00	23.63 0.61 0.00	32.61 1.08 0.00	32.90 1.26 0.00	32.66 1.13 0.00	27.40 0.86 0.00	19.73 0.47 0.00	19.09 0.35 0.00
ST LAWRENCE___ 23600	18.49 -0.08 0.00	18.50 -0.03 0.00	18.32 -0.02 0.00	18.03 0.02 0.00	19.97 0.06 0.00	20.30 0.06 0.00	24.02 -0.21 0.00	27.90 -0.23 0.00	18.76 0.01 0.00	16.90 -0.02 0.00	18.68 -0.03 0.00	21.04 -0.12 0.00	20.42 -0.17 0.00	19.74 -0.22 0.00	19.04 -0.26 0.00	17.51 -0.21 0.00	17.90 -0.13 0.00	22.95 -0.07 0.00	31.42 -0.11 0.00	31.47 -0.17 0.00	31.44 -0.09 0.00	26.52 -0.01 0.00	19.29 0.04 0.00	18.73 0.00 0.00
STATE_CA_115KV_115_LB 55624	18.78 0.21 0.00	18.71 0.18 0.00	18.52 0.17 0.00	18.21 0.19 0.00	20.03 0.12 0.00	20.41 0.17 0.00	24.72 0.49 0.00	28.57 0.49 0.05	18.57 0.21 0.39	16.80 0.16 0.29	18.80 0.10 0.00	21.28 0.12 0.00	20.73 0.13 0.00	20.17 0.20 0.00	19.54 0.24 0.00	17.95 0.23 0.00	18.27 0.24 0.00	23.38 0.36 0.00	32.09 0.56 0.00	32.24 0.60 0.00	32.06 0.53 0.00	26.95 0.42 0.00	19.45 0.19 0.00	18.89 0.15 0.00
STATE_ST_34_KV_LOAD 55959	18.58 0.00 0.00	18.44 -0.08 0.00	18.32 -0.03 0.00	17.99 -0.03 0.00	19.97 0.07 0.00	20.22 -0.02 0.00	24.36 0.12 0.00	28.70 0.58 0.00	18.59 -0.15 0.00	16.82 -0.10 0.00	18.59 -0.11 0.00	21.13 -0.04 0.00	20.57 -0.02 0.00	20.04 0.07 0.00	19.42 0.12 0.00	17.58 -0.14 0.00	17.91 -0.12 0.00	22.70 -0.32 0.00	31.12 -0.41 0.00	31.39 -0.26 0.00	31.35 -0.18 0.00	26.28 -0.25 0.00	19.15 -0.10 0.00	18.68 -0.05 0.00
STATION 5_MISC_HYD 23604	18.29 -0.28 0.00	18.28 -0.25 0.00	18.14 -0.21 0.00	17.81 -0.21 0.00	19.75 -0.16 0.00	19.98 -0.26 0.00	23.75 -0.48 0.00	27.71 -0.41 0.00	18.42 -0.33 0.00	16.67 -0.25 0.00	18.47 -0.23 0.00	21.16 0.00 0.00	20.70 0.10 0.00	19.97 0.00 0.00	19.22 -0.07 0.00	17.48 -0.24 0.00	17.66 -0.37 0.00	22.11 -0.91 0.00	30.00 -1.54 0.00	30.28 -1.36 0.00	30.11 -1.42 0.00	25.32 -1.22 0.00	18.55 -0.71 0.00	18.18 -0.55 0.00

STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.39 -0.18 0.00	18.37 -0.16 0.00	18.22 -0.13 0.00	17.90 -0.12 0.00	19.86 -0.05 0.00	20.13 -0.10 0.00	24.05 -0.18 0.00	28.11 -0.02 0.00	18.56 -0.18 0.00	16.80 -0.13 0.00	18.61 -0.09 0.00	21.23 0.07 0.00	20.72 0.13 0.00	20.05 0.08 0.00	19.34 0.04 0.00	17.58 -0.13 0.00	17.81 -0.22 0.00	22.45 -0.58 0.00	30.61 -0.92 0.00	30.89 -0.75 0.00	30.74 -0.79 0.00	25.82 -0.71 0.00	18.85 -0.41 0.00	18.43 -0.31 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.08 -0.49 0.00	18.07 -0.46 0.00	17.92 -0.42 0.00	17.60 -0.41 0.00	19.53 -0.38 0.00	19.75 -0.49 0.00	23.49 -0.75 0.00	27.39 -0.73 0.00	18.21 -0.53 0.00	16.52 -0.40 0.00	18.35 -0.35 0.00	21.01 -0.15 0.00	20.54 -0.05 0.00	19.83 -0.14 0.00	19.09 -0.21 0.00	17.37 -0.35 0.00	17.56 -0.47 0.00	22.01 -1.01 0.00	29.89 -1.64 0.00	30.17 -1.47 0.00	30.00 -1.53 0.00	25.21 -1.32 0.00	18.46 -0.79 0.00	18.08 -0.65 0.00
STA_56____34_KV_BUS2 355983	18.08 -0.49 0.00	18.07 -0.46 0.00	17.92 -0.42 0.00	17.60 -0.41 0.00	19.53 -0.38 0.00	19.75 -0.49 0.00	23.49 -0.75 0.00	27.39 -0.73 0.00	18.21 -0.53 0.00	16.52 -0.40 0.00	18.35 -0.35 0.00	21.01 -0.15 0.00	20.54 -0.05 0.00	19.83 -0.14 0.00	19.09 -0.21 0.00	17.37 -0.35 0.00	17.56 -0.47 0.00	22.01 -1.01 0.00	29.89 -1.64 0.00	30.17 -1.47 0.00	30.00 -1.53 0.00	25.21 -1.32 0.00	18.46 -0.79 0.00	18.08 -0.65 0.00
STA_67____115KV_BK2 355882	18.14 -0.44 0.00	18.13 -0.40 0.00	17.99 -0.35 0.00	17.66 -0.35 0.00	19.60 -0.31 0.00	19.81 -0.43 0.00	23.53 -0.70 0.00	27.45 -0.67 0.00	18.26 -0.47 0.00	16.58 -0.34 0.00	18.43 -0.27 0.00	21.13 -0.03 0.00	20.66 0.06 0.00	19.93 -0.04 0.00	19.19 -0.11 0.00	17.45 -0.27 0.00	17.63 -0.40 0.00	22.06 -0.96 0.00	29.93 -1.60 0.00	30.21 -1.43 0.00	30.04 -1.49 0.00	25.26 -1.27 0.00	18.52 -0.74 0.00	18.15 -0.59 0.00
STA_7____115KV_9TRANS 80674	18.33 -0.25 0.00	18.31 -0.22 0.00	18.16 -0.18 0.00	17.83 -0.18 0.00	19.79 -0.12 0.00	20.01 -0.23 0.00	23.79 -0.44 0.00	27.76 -0.36 0.00	18.45 -0.29 0.00	16.71 -0.21 0.00	18.53 -0.17 0.00	21.24 0.07 0.00	20.76 0.17 0.00	20.04 0.06 0.00	19.29 -0.01 0.00	17.54 -0.18 0.00	17.72 -0.31 0.00	22.19 -0.83 0.00	30.13 -1.40 0.00	30.43 -1.22 0.00	30.26 -1.27 0.00	25.43 -1.10 0.00	18.63 -0.62 0.00	18.26 -0.48 0.00
STA_82____115KV_TB1 80780	18.16 -0.41 0.00	18.16 -0.37 0.00	18.02 -0.33 0.00	17.69 -0.32 0.00	19.63 -0.28 0.00	19.84 -0.40 0.00	23.57 -0.66 0.00	27.50 -0.62 0.00	18.29 -0.45 0.00	16.60 -0.33 0.00	18.45 -0.26 0.00	21.14 -0.03 0.00	20.66 0.07 0.00	19.94 -0.03 0.00	19.20 -0.10 0.00	17.45 -0.26 0.00	17.63 -0.40 0.00	22.07 -0.95 0.00	29.95 -1.59 0.00	30.23 -1.41 0.00	30.07 -1.46 0.00	25.27 -1.26 0.00	18.52 -0.73 0.00	18.15 -0.58 0.00
STEEL____WIND 323596	18.15 -0.42 0.00	18.17 -0.36 0.00	18.06 -0.29 0.00	17.73 -0.28 0.00	19.69 -0.22 0.00	19.81 -0.43 0.00	23.37 -0.87 0.00	27.32 -0.80 0.00	18.32 -0.42 0.00	16.73 -0.20 0.00	18.62 -0.08 0.00	21.49 0.32 0.00	21.06 0.46 0.00	20.26 0.29 0.00	19.48 0.19 0.00	17.65 -0.07 0.00	17.76 -0.27 0.00	21.90 -1.12 0.00	29.43 -2.10 0.00	29.68 -1.96 0.00	29.46 -2.07 0.00	24.77 -1.76 0.00	18.28 -0.98 0.00	18.00 -0.73 0.00
STEPHTWN_115KV_BK_2 55603	18.88 0.30 0.00	18.79 0.26 0.00	18.60 0.26 0.00	18.29 0.28 0.00	20.14 0.24 0.00	20.54 0.31 0.00	24.92 0.68 0.00	28.78 0.70 0.04	18.72 0.33 0.36	16.88 0.22 0.27	18.84 0.13 0.00	21.33 0.16 0.00	20.75 0.16 0.00	20.19 0.22 0.00	19.56 0.26 0.00	17.99 0.28 0.00	18.33 0.30 0.00	23.47 0.45 0.00	32.28 0.75 0.00	32.47 0.82 0.00	32.26 0.73 0.00	27.10 0.57 0.00	19.54 0.28 0.00	18.99 0.26 0.00
STEUBEN_REC_LFGE 323667	18.39 -0.19 0.00	18.38 -0.15 0.00	18.25 -0.10 0.00	17.99 -0.03 0.00	20.06 0.15 0.00	20.30 0.07 0.00	24.22 -0.01 0.00	28.27 0.15 0.00	18.77 0.03 0.00	17.05 0.12 0.00	18.82 0.12 0.00	21.44 0.28 0.00	20.92 0.32 0.00	20.22 0.25 0.00	19.52 0.22 0.00	17.71 -0.01 0.00	17.92 -0.11 0.00	22.48 -0.54 0.00	30.57 -0.96 0.00	30.87 -0.77 0.00	30.82 -0.71 0.00	25.72 -0.81 0.00	18.87 -0.39 0.00	18.39 -0.34 0.00
STILLWATER____SOLAR 323814	19.06 0.48 0.00	18.99 0.46 0.00	18.79 0.44 0.00	18.46 0.44 0.00	20.40 0.49 0.00	20.82 0.58 0.00	25.27 1.04 0.00	29.19 1.13 0.07	18.62 0.45 0.57	16.79 0.30 0.43	18.99 0.29 0.00	21.48 0.32 0.00	20.96 0.37 0.00	20.35 0.38 0.00	19.67 0.38 0.00	18.06 0.35 0.00	18.47 0.43 0.00	23.68 0.66 0.00	32.63 1.10 0.00	32.89 1.24 0.00	32.68 1.15 0.00	27.46 0.93 0.00	19.82 0.56 0.00	19.20 0.47 0.00
STONY____BROOK 24151	188.87 1.05 -169.25	34.51 1.03 -14.95	285.41 1.02 -266.04	19.02 0.87 -0.13	29.23 0.71 -8.61	58.86 0.66 -37.96	291.85 1.04 -266.57	44.32 1.24 -14.95	19.12 0.75 0.37	17.43 0.78 0.28	19.88 1.18 0.00	22.53 1.36 0.00	21.95 1.35 0.00	21.37 1.40 0.00	20.67 1.38 0.00	19.13 1.41 0.00	19.24 1.20 -0.01	25.37 1.53 -0.82	241.54 1.87 -208.14	203.44 1.84 -169.97	194.80 1.85 -161.43	93.59 1.38 -65.68	20.08 0.82 0.00	19.71 0.97 0.00
STURGEON_POOL_HYD 23609	19.41 0.83 0.00	19.29 0.76 0.00	19.08 0.74 0.00	18.70 0.68 0.00	20.57 0.65 0.00	20.91 0.68 0.00	25.41 1.17 0.00	29.56 1.44 0.00	19.55 0.81 0.00	17.69 0.76 0.00	19.58 0.88 0.00	22.17 1.01 0.00	21.62 1.03 0.00	21.06 1.09 0.00	20.41 1.11 0.00	18.80 1.08 0.00	19.08 1.04 0.00	24.36 1.34 0.00	33.31 1.78 0.00	33.44 1.80 0.00	33.23 1.71 0.00	27.87 1.34 0.00	20.09 0.83 0.00	19.56 0.83 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.17 0.59 0.00	19.05 0.52 0.00	18.85 0.50 0.00	18.49 0.47 0.00	20.33 0.43 0.00	20.67 0.44 0.00	25.08 0.84 0.00	29.14 1.01 0.00	19.27 0.53 0.00	17.44 0.52 0.00	19.30 0.60 0.00	21.85 0.68 0.00	21.31 0.71 0.00	20.74 0.77 0.00	20.10 0.80 0.00	18.52 0.80 0.00	18.79 0.76 0.00	23.99 0.97 0.00	32.79 1.26 0.00	32.93 1.29 0.00	32.72 1.19 0.00	27.46 0.93 0.00	19.81 0.55 0.00	19.31 0.58 0.00
SWANROAD_115KV_TB1 355699	17.56 -1.02 0.00	17.61 -0.91 0.00	17.50 -0.84 0.00	17.19 -0.82 0.00	19.09 -0.82 0.00	19.19 -1.05 0.00	22.52 -1.71 0.00	26.33 -1.80 0.00	17.73 -1.01 0.00	16.16 -0.77 0.00	17.96 -0.74 0.00	20.79 -0.38 0.00	20.46 -0.13 0.00	19.70 -0.27 0.00	18.92 -0.38 0.00	17.11 -0.61 0.00	17.19 -0.85 0.00	21.02 -2.00 0.00	28.15 -3.38 0.00	28.42 -3.23 0.00	28.20 -3.33 0.00	23.79 -2.74 0.00	17.66 -1.59 0.00	17.42 -1.31 0.00
SYNERGY____BIOGAS 323694	18.34 -0.24 0.00	18.35 -0.18 0.00	18.22 -0.12 0.00	17.90 -0.12 0.00	19.87 -0.04 0.00	20.07 -0.17 0.00	23.76 -0.48 0.00	27.80 -0.32 0.00	18.52 -0.23 0.00	16.77 -0.15 0.00	18.59 -0.11 0.00	21.47 0.31 0.00	20.96 0.37 0.00	20.18 0.21 0.00	19.40 0.10 0.00	17.57 -0.15 0.00	17.67 -0.37 0.00	21.90 -1.12 0.00	29.69 -1.84 0.00	30.12 -1.52 0.00	30.00 -1.53 0.00	25.23 -1.30 0.00	18.57 -0.68 0.00	18.24 -0.49 0.00

SYRACUSE___ENERGY_ST1 323597	18.41 -0.16 0.00	18.35 -0.18 0.00	18.18 -0.17 0.00	17.84 -0.18 0.00	19.75 -0.16 0.00	20.09 -0.15 0.00	24.15 -0.09 0.00	28.35 0.23 0.00	18.51 -0.24 0.00	16.73 -0.19 0.00	18.50 -0.20 0.00	21.00 -0.17 0.00	20.45 -0.14 0.00	19.88 -0.08 0.00	19.25 -0.05 0.00	17.54 -0.17 0.00	17.84 -0.20 0.00	22.68 -0.33 0.00	31.09 -0.44 0.00	31.31 -0.33 0.00	31.20 -0.33 0.00	26.20 -0.33 0.00	19.03 -0.22 0.00	18.54 -0.19 0.00
SYRACUSE___ENERGY_ST2 323598	18.41 -0.16 0.00	18.35 -0.18 0.00	18.18 -0.17 0.00	17.84 -0.18 0.00	19.75 -0.16 0.00	20.09 -0.15 0.00	24.15 -0.09 0.00	28.35 0.23 0.00	18.51 -0.24 0.00	16.73 -0.19 0.00	18.50 -0.20 0.00	21.00 -0.17 0.00	20.45 -0.14 0.00	19.88 -0.08 0.00	19.25 -0.05 0.00	17.54 -0.17 0.00	17.84 -0.20 0.00	22.68 -0.33 0.00	31.09 -0.44 0.00	31.31 -0.33 0.00	31.20 -0.33 0.00	26.20 -0.33 0.00	19.03 -0.22 0.00	18.54 -0.19 0.00
SYRACUSE___POWER 24017	18.43 -0.14 0.00	18.38 -0.15 0.00	18.20 -0.15 0.00	17.86 -0.16 0.00	19.77 -0.14 0.00	20.12 -0.12 0.00	24.17 -0.07 0.00	28.19 0.07 0.00	18.58 -0.16 0.00	16.79 -0.14 0.00	18.56 -0.14 0.00	21.07 -0.10 0.00	20.51 -0.08 0.00	19.88 -0.09 0.00	19.20 -0.09 0.00	17.55 -0.16 0.00	17.84 -0.19 0.00	22.70 -0.31 0.00	31.12 -0.41 0.00	31.37 -0.27 0.00	31.27 -0.26 0.00	26.26 -0.27 0.00	19.07 -0.19 0.00	18.57 -0.16 0.00
TALLMAN___138KV_BK151 55660	19.26 0.69 0.00	19.13 0.60 0.00	18.94 0.59 0.00	18.57 0.56 0.00	20.41 0.50 0.00	20.74 0.51 0.00	25.20 0.96 0.00	29.31 1.14 -0.04	19.72 0.62 -0.36	17.82 0.62 -0.27	19.42 0.72 0.00	22.00 0.83 0.00	21.46 0.87 0.00	20.90 0.93 0.00	20.26 0.96 0.00	18.69 0.97 0.00	18.94 0.91 0.00	24.17 1.15 0.00	32.99 1.46 0.00	33.11 1.47 0.00	32.88 1.36 0.00	27.59 1.06 0.00	19.89 0.63 0.00	19.41 0.68 0.00
TEALLAVE_115KV_TB7 355573	18.30 -0.27 0.00	18.24 -0.28 0.00	18.07 -0.28 0.00	17.73 -0.29 0.00	19.63 -0.28 0.00	19.96 -0.28 0.00	23.96 -0.28 0.00	27.90 -0.22 0.00	18.45 -0.29 0.00	16.68 -0.24 0.00	18.45 -0.25 0.00	20.96 -0.21 0.00	20.41 -0.18 0.00	19.78 -0.19 0.00	19.10 -0.20 0.00	17.47 -0.25 0.00	17.74 -0.29 0.00	22.56 -0.46 0.00	30.89 -0.64 0.00	31.11 -0.53 0.00	30.99 -0.54 0.00	26.03 -0.50 0.00	18.91 -0.34 0.00	18.43 -0.31 0.00
TELGRAPH_34_KV_EAST 80808	17.99 -0.59 0.00	18.01 -0.52 0.00	17.90 -0.45 0.00	17.58 -0.44 0.00	19.52 -0.39 0.00	19.66 -0.58 0.00	23.16 -1.08 0.00	27.08 -1.04 0.00	18.16 -0.58 0.00	16.51 -0.41 0.00	18.36 -0.35 0.00	21.25 0.09 0.00	20.80 0.20 0.00	20.00 0.03 0.00	19.22 -0.08 0.00	17.40 -0.32 0.00	17.49 -0.54 0.00	21.54 -1.48 0.00	28.99 -2.54 0.00	29.32 -2.32 0.00	29.13 -2.39 0.00	24.54 -1.99 0.00	18.14 -1.12 0.00	17.86 -0.88 0.00
TEMPLE___115KV_TB 2 55572	18.31 -0.26 0.00	18.26 -0.27 0.00	18.08 -0.26 0.00	17.74 -0.27 0.00	19.64 -0.27 0.00	19.97 -0.27 0.00	23.97 -0.26 0.00	27.92 -0.20 0.00	18.46 -0.28 0.00	16.70 -0.22 0.00	18.47 -0.23 0.00	20.98 -0.18 0.00	20.44 -0.15 0.00	19.81 -0.16 0.00	19.12 -0.18 0.00	17.49 -0.23 0.00	17.76 -0.27 0.00	22.58 -0.44 0.00	30.91 -0.62 0.00	31.13 -0.51 0.00	31.01 -0.52 0.00	26.04 -0.48 0.00	18.92 -0.34 0.00	18.44 -0.30 0.00
TIANA___69_KV_BK 1 55817	166.56 1.05 -146.94	32.64 1.14 -12.98	250.47 1.14 -230.98	19.12 0.99 -0.11	28.24 0.85 -7.48	53.97 0.78 -32.95	256.83 1.15 -231.44	42.52 1.41 -13.00	19.58 0.91 0.07	17.80 0.92 0.05	19.98 1.27 0.00	22.68 1.52 0.00	22.09 1.49 0.00	21.51 1.54 0.00	20.78 1.48 0.00	19.23 1.51 0.00	19.29 1.24 -0.01	25.39 1.65 -0.71	214.21 1.94 -180.73	181.12 1.89 -147.59	173.73 2.03 -140.17	85.22 1.66 -57.03	20.26 1.00 0.00	19.91 1.17 0.00
TILDEN___115KV_TB1 80814	18.43 -0.14 0.00	18.38 -0.15 0.00	18.20 -0.15 0.00	17.86 -0.16 0.00	19.77 -0.14 0.00	20.12 -0.12 0.00	24.17 -0.07 0.00	28.19 0.07 0.00	18.58 -0.16 0.00	16.79 -0.14 0.00	18.56 -0.14 0.00	21.07 -0.10 0.00	20.51 -0.08 0.00	19.88 -0.09 0.00	19.20 -0.09 0.00	17.55 -0.16 0.00	17.84 -0.19 0.00	22.70 -0.31 0.00	31.12 -0.41 0.00	31.37 -0.27 0.00	31.27 -0.26 0.00	26.26 -0.27 0.00	19.07 -0.19 0.00	18.57 -0.16 0.00
TRIGEN___CC 323695	19.40 0.83 0.00	19.31 0.78 0.00	19.12 0.77 0.00	18.68 0.67 0.00	20.45 0.54 0.00	20.78 0.54 0.00	25.18 0.95 0.00	29.31 1.15 -0.04	19.83 0.67 -0.41	17.94 0.71 -0.31	19.69 0.99 0.00	22.36 1.19 0.00	21.81 1.21 0.00	21.18 1.21 0.00	20.52 1.22 0.00	18.95 1.23 0.00	19.14 1.09 -0.01	24.41 1.39 0.00	33.28 1.75 0.00	33.37 1.73 0.00	33.18 1.65 0.00	27.79 1.26 0.00	20.02 0.76 0.00	19.53 0.79 0.00
TRINITY___115KV__4 BK 55933	18.66 0.09 0.00	18.59 0.07 0.00	18.41 0.06 0.00	18.10 0.08 0.00	19.91 0.00 0.00	20.28 0.04 0.00	24.56 0.33 0.00	28.38 0.30 0.04	18.47 0.09 0.36	16.72 0.06 0.27	18.67 -0.03 0.00	21.14 -0.03 0.00	20.58 -0.01 0.00	20.03 0.06 0.00	19.40 0.11 0.00	17.83 0.11 0.00	18.15 0.11 0.00	23.21 0.19 0.00	31.86 0.33 0.00	32.02 0.38 0.00	31.83 0.30 0.00	26.76 0.23 0.00	19.32 0.07 0.00	18.77 0.03 0.00
UNION___PROCESSING_DRP 323587	18.17 -0.40 0.00	18.16 -0.37 0.00	18.02 -0.32 0.00	17.70 -0.31 0.00	19.64 -0.27 0.00	19.85 -0.38 0.00	23.58 -0.65 0.00	27.52 -0.61 0.00	18.30 -0.45 0.00	16.60 -0.32 0.00	18.45 -0.25 0.00	21.14 -0.02 0.00	20.67 0.08 0.00	19.94 -0.03 0.00	19.20 -0.09 0.00	17.46 -0.26 0.00	17.64 -0.40 0.00	22.07 -0.95 0.00	29.95 -1.59 0.00	30.24 -1.40 0.00	30.07 -1.46 0.00	25.28 -1.25 0.00	18.53 -0.72 0.00	18.16 -0.57 0.00
UPPER HUDSON___HYD 24058	18.90 0.33 0.00	18.86 0.33 0.00	18.65 0.31 0.00	18.32 0.31 0.00	20.28 0.37 0.00	20.75 0.52 0.00	25.25 1.02 0.00	29.20 1.14 0.06	18.58 0.35 0.51	16.72 0.18 0.38	18.91 0.20 0.00	21.37 0.20 0.00	20.87 0.27 0.00	20.22 0.25 0.00	19.56 0.26 0.00	17.94 0.23 0.00	18.40 0.36 0.00	23.63 0.61 0.00	32.61 1.08 0.00	32.90 1.26 0.00	32.65 1.13 0.00	27.40 0.86 0.00	19.73 0.48 0.00	19.09 0.35 0.00
UPPER RAQUET___HYD 24056	18.15 -0.43 0.00	18.18 -0.35 0.00	17.98 -0.37 0.00	17.66 -0.36 0.00	19.62 -0.29 0.00	20.04 -0.20 0.00	23.76 -0.48 0.00	27.57 -0.55 0.00	18.45 -0.29 0.00	16.54 -0.38 0.00	18.24 -0.47 0.00	20.48 -0.68 0.00	19.81 -0.79 0.00	19.07 -0.90 0.00	18.36 -0.94 0.00	16.92 -0.79 0.00	17.38 -0.66 0.00	22.44 -0.57 0.00	30.87 -0.66 0.00	31.11 -0.53 0.00	31.19 -0.33 0.00	26.28 -0.25 0.00	19.07 -0.18 0.00	18.48 -0.25 0.00
VALLEY44_115KV_TB2 355964	18.68 0.11 0.00	18.66 0.13 0.00	18.56 0.21 0.00	18.20 0.18 0.00	20.20 0.29 0.00	20.24 0.01 0.00	23.91 -0.32 0.00	27.91 -0.22 0.00	18.60 -0.14 0.00	17.06 0.13 0.00	19.06 0.36 0.00	22.01 0.85 0.00	21.52 0.92 0.00	20.75 0.78 0.00	19.97 0.68 0.00	18.06 0.34 0.00	18.07 0.03 0.00	22.44 -0.57 0.00	30.29 -1.25 0.00	30.58 -1.06 0.00	30.33 -1.20 0.00	25.43 -1.10 0.00	18.79 -0.47 0.00	18.61 -0.12 0.00

VALLEY___115KV_TB 1-4 80826	18.32 -0.25 0.00	18.26 -0.27 0.00	18.08 -0.27 0.00	17.78 -0.24 0.00	19.61 -0.30 0.00	19.99 -0.25 0.00	24.24 0.01 0.00	28.08 -0.04 0.00	18.53 -0.21 0.00	16.68 -0.24 0.00	18.37 -0.34 0.00	20.73 -0.43 0.00	20.15 -0.45 0.00	19.53 -0.44 0.00	18.80 -0.50 0.00	17.27 -0.45 0.00	17.57 -0.47 0.00	22.54 -0.48 0.00	31.23 -0.30 0.00	31.58 -0.06 0.00	31.53 -0.01 0.00	26.49 -0.04 0.00	19.11 -0.14 0.00	18.54 -0.19 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.07 0.49 0.00	18.98 0.45 0.00	18.82 0.47 0.00	18.49 0.47 0.00	20.46 0.54 0.00	20.80 0.56 0.00	25.04 0.80 0.00	29.08 0.96 0.00	19.29 0.54 0.00	17.45 0.52 0.00	19.29 0.59 0.00	21.84 0.68 0.00	21.26 0.67 0.00	20.60 0.62 0.00	19.88 0.58 0.00	18.22 0.50 0.00	18.51 0.48 0.00	23.61 0.59 0.00	32.38 0.85 0.00	32.61 0.97 0.00	32.45 0.92 0.00	27.24 0.70 0.00	19.76 0.50 0.00	19.27 0.54 0.00
VISCHER___FERRY HYD 24020	18.89 0.32 0.00	18.82 0.29 0.00	18.63 0.28 0.00	18.30 0.28 0.00	20.19 0.28 0.00	20.58 0.35 0.00	24.98 0.74 0.00	28.85 0.81 0.09	18.33 0.29 0.71	16.61 0.21 0.53	18.88 0.17 0.00	21.36 0.19 0.00	20.81 0.22 0.00	20.24 0.27 0.00	19.59 0.29 0.00	18.00 0.28 0.00	18.34 0.31 0.00	23.46 0.45 0.00	32.26 0.73 0.00	32.48 0.84 0.00	32.28 0.75 0.00	27.18 0.65 0.00	19.62 0.36 0.00	19.02 0.29 0.00
V_A_10_SYNC_DSASP 323832	17.86 -0.71 0.00	17.89 -0.64 0.00	17.77 -0.57 0.00	17.45 -0.56 0.00	19.37 -0.54 0.00	19.49 -0.74 0.00	23.00 -1.24 0.00	26.85 -1.27 0.00	17.97 -0.78 0.00	16.37 -0.55 0.00	18.23 -0.48 0.00	21.01 -0.15 0.00	20.59 -0.01 0.00	19.82 -0.15 0.00	19.06 -0.24 0.00	17.28 -0.44 0.00	17.39 -0.64 0.00	21.54 -1.48 0.00	29.01 -2.52 0.00	29.26 -2.38 0.00	29.06 -2.47 0.00	24.46 -2.07 0.00	18.05 -1.21 0.00	17.78 -0.96 0.00
V_CMM_10_SYNC_DSASP 323787	18.58 0.00 0.00	18.59 0.06 0.00	18.41 0.06 0.00	18.12 0.10 0.00	20.06 0.15 0.00	20.39 0.15 0.00	24.13 -0.10 0.00	28.03 -0.09 0.00	18.85 0.10 0.00	16.98 0.06 0.00	18.77 0.06 0.00	21.14 -0.02 0.00	20.53 -0.07 0.00	19.84 -0.13 0.00	19.13 -0.17 0.00	17.59 -0.13 0.00	17.98 -0.05 0.00	23.06 0.04 0.00	31.57 0.04 0.00	31.61 -0.03 0.00	31.58 0.05 0.00	26.63 0.10 0.00	19.38 0.13 0.00	18.82 0.09 0.00
V_CMP_10_SYNC_DSASP 323788	18.51 -0.07 0.00	18.74 0.21 0.00	18.71 0.36 0.00	18.50 0.48 0.00	20.61 0.70 0.00	21.20 0.96 0.00	25.19 0.96 0.00	29.28 1.15 0.00	19.37 0.63 0.00	17.26 0.33 0.00	18.85 0.14 0.00	21.06 -0.10 0.00	20.45 -0.14 0.00	19.58 -0.39 0.00	18.89 -0.41 0.00	17.35 -0.37 0.00	17.77 -0.26 0.00	23.06 0.04 0.00	32.29 0.76 0.00	33.28 1.64 0.00	33.38 1.85 0.00	27.93 1.40 0.00	19.98 0.72 0.00	19.36 0.63 0.00
V_D_10_SYNC_DSASP 323841	18.70 0.12 0.00	18.71 0.18 0.00	18.53 0.18 0.00	18.22 0.21 0.00	20.20 0.29 0.00	20.56 0.32 0.00	24.33 0.09 0.00	28.23 0.11 0.00	18.96 0.22 0.00	17.07 0.14 0.00	18.86 0.15 0.00	21.24 0.07 0.00	20.60 0.00 0.00	19.89 -0.08 0.00	19.17 -0.13 0.00	17.63 -0.08 0.00	18.05 0.01 0.00	23.18 0.16 0.00	31.74 0.21 0.00	31.84 0.20 0.00	31.83 0.30 0.00	26.84 0.30 0.00	19.52 0.26 0.00	18.95 0.22 0.00
V_E_10_SYNC_DSASP 323830	19.41 0.84 0.00	19.31 0.78 0.00	19.18 0.84 0.00	18.96 0.94 0.00	21.19 1.28 0.00	21.64 1.41 0.00	26.22 1.98 0.00	30.52 2.40 0.00	19.88 1.14 0.00	17.77 0.84 0.00	19.48 0.77 0.00	21.87 0.71 0.00	21.21 0.61 0.00	20.36 0.39 0.00	19.59 0.29 0.00	17.88 0.16 0.00	18.29 0.25 0.00	23.57 0.55 0.00	33.06 1.53 0.00	33.84 2.20 0.00	33.82 2.29 0.00	28.36 1.83 0.00	20.54 1.29 0.00	20.01 1.27 0.00
V_F_30_NSYNC___DSASP 323816	19.09 0.52 0.00	19.03 0.50 0.00	18.82 0.48 0.00	18.49 0.47 0.00	20.43 0.52 0.00	20.85 0.62 0.00	25.30 1.07 0.00	29.24 1.18 0.07	18.69 0.49 0.54	16.87 0.36 0.41	19.05 0.35 0.00	21.55 0.39 0.00	21.03 0.43 0.00	20.41 0.45 0.00	19.73 0.44 0.00	18.12 0.40 0.00	18.52 0.49 0.00	23.74 0.71 0.00	32.70 1.17 0.00	32.94 1.30 0.00	32.74 1.21 0.00	27.50 0.97 0.00	19.84 0.59 0.00	19.24 0.50 0.00
V_F_30_SYNC_DSASP 323786	18.78 0.21 0.00	18.71 0.18 0.00	18.52 0.17 0.00	18.20 0.19 0.00	20.03 0.12 0.00	20.41 0.17 0.00	24.72 0.49 0.00	28.57 0.49 0.05	18.57 0.21 0.38	16.80 0.16 0.29	18.80 0.09 0.00	21.28 0.12 0.00	20.73 0.13 0.00	20.17 0.20 0.00	19.53 0.23 0.00	17.95 0.23 0.00	18.27 0.23 0.00	23.37 0.35 0.00	32.09 0.56 0.00	32.24 0.60 0.00	32.06 0.53 0.00	26.95 0.42 0.00	19.45 0.19 0.00	18.89 0.15 0.00
V_XM_10_SYNC_DSASP 323789	18.51 -0.07 0.00	18.74 0.21 0.00	18.71 0.36 0.00	18.50 0.48 0.00	20.61 0.70 0.00	21.20 0.96 0.00	25.19 0.96 0.00	29.28 1.15 0.00	19.37 0.63 0.00	17.26 0.33 0.00	18.85 0.14 0.00	21.06 -0.10 0.00	20.45 -0.14 0.00	19.58 -0.39 0.00	18.89 -0.41 0.00	17.35 -0.37 0.00	17.77 -0.26 0.00	23.06 0.04 0.00	32.29 0.76 0.00	33.28 1.64 0.00	33.38 1.85 0.00	27.93 1.40 0.00	19.98 0.72 0.00	19.36 0.63 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.32 0.74 0.00	19.19 0.66 0.00	18.99 0.64 0.00	18.62 0.60 0.00	20.47 0.56 0.00	20.81 0.57 0.00	25.27 1.04 0.00	29.41 1.24 -0.04	19.78 0.68 -0.36	17.87 0.67 -0.27	19.48 0.78 0.00	22.06 0.90 0.00	21.53 0.93 0.00	20.96 0.99 0.00	20.32 1.02 0.00	18.74 1.02 0.00	19.00 0.97 0.00	24.24 1.23 0.00	33.10 1.57 0.00	33.23 1.59 0.00	33.01 1.48 0.00	27.68 1.15 0.00	19.95 0.70 0.00	19.47 0.73 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.43 0.86 0.00	19.29 0.76 0.00	19.09 0.75 0.00	18.73 0.71 0.00	20.57 0.66 0.00	20.96 0.72 0.00	25.52 1.29 0.00	30.01 1.57 -0.32	20.03 0.88 -0.41	18.09 0.86 -0.31	19.70 0.99 0.00	22.29 1.12 0.00	21.73 1.13 0.00	21.16 1.19 0.00	20.51 1.21 0.00	18.95 1.19 -0.04	19.58 1.14 -0.40	24.45 1.43 0.00	33.35 1.82 0.00	33.47 1.83 0.00	33.24 1.71 0.00	27.86 1.33 0.00	20.07 0.81 0.00	19.57 0.83 0.00
W50THST__13_KV_LOAD 356117	19.54 0.97 0.00	19.41 0.88 0.00	19.21 0.86 0.00	18.84 0.82 0.00	20.70 0.79 0.00	21.09 0.86 0.00	25.70 1.47 0.00	30.23 1.78 -0.32	20.14 0.99 -0.41	18.21 0.97 -0.31	19.82 1.12 0.00	22.44 1.27 0.00	21.87 1.27 0.00	21.29 1.32 0.00	20.64 1.34 0.00	19.06 1.31 -0.04	19.70 1.27 -0.40	24.59 1.57 0.00	33.53 1.99 0.00	33.61 1.97 0.00	33.38 1.85 0.00	27.99 1.46 0.00	20.15 0.90 0.00	19.64 0.91 0.00
WADING RIVER_IC_1 23522	167.03 1.02 -147.44	32.58 1.03 -13.02	251.14 1.02 -231.77	19.00 0.87 -0.11	28.12 0.71 -7.50	53.93 0.63 -33.07	257.44 0.97 -232.23	42.34 1.17 -13.04	19.46 0.78 0.07	17.70 0.82 0.05	19.86 1.16 0.00	22.55 1.39 0.00	21.95 1.35 0.00	21.40 1.43 0.00	20.67 1.37 0.00	19.15 1.43 0.00	19.22 1.18 -0.01	25.29 1.56 -0.71	214.72 1.84 -181.35	181.49 1.76 -148.09	173.96 1.78 -140.65	85.15 1.39 -57.23	20.07 0.81 0.00	19.75 1.01 0.00

WADING RIVER_IC_2 23547	167.03 1.02 -147.44	32.58 1.03 -13.02	251.14 1.02 -231.77	19.00 0.87 -0.11	28.12 0.71 -7.50	53.93 0.63 -33.07	257.44 0.97 -232.23	42.34 1.17 -13.04	19.46 0.78 0.07	17.70 0.82 0.05	19.86 1.16 0.00	22.55 1.39 0.00	21.95 1.35 0.00	21.40 1.43 0.00	20.67 1.37 0.00	19.15 1.43 0.00	19.22 1.18 -0.01	25.29 1.56 -0.71	214.72 1.84 -181.35	181.49 1.76 -148.09	173.96 1.78 -140.65	85.15 1.39 -57.23	20.07 0.81 0.00	19.75 1.01 0.00
WADING RIVER_IC_3 23601	167.03 1.02 -147.44	32.58 1.03 -13.02	251.14 1.02 -231.77	19.00 0.87 -0.11	28.12 0.71 -7.50	53.93 0.63 -33.07	257.44 0.97 -232.23	42.34 1.17 -13.04	19.46 0.78 0.07	17.70 0.82 0.05	19.86 1.16 0.00	22.55 1.39 0.00	21.95 1.35 0.00	21.40 1.43 0.00	20.67 1.37 0.00	19.15 1.43 0.00	19.22 1.18 -0.01	25.29 1.56 -0.71	214.72 1.84 -181.35	181.49 1.76 -148.09	173.96 1.78 -140.65	85.15 1.39 -57.23	20.07 0.81 0.00	19.75 1.01 0.00
WALDENNY_I2_KV_BK2 80841	18.14 -0.44 0.00	18.16 -0.37 0.00	18.05 -0.30 0.00	17.72 -0.29 0.00	19.68 -0.23 0.00	19.81 -0.43 0.00	23.35 -0.88 0.00	27.30 -0.82 0.00	18.32 -0.42 0.00	16.73 -0.20 0.00	18.62 -0.08 0.00	21.51 0.34 0.00	21.09 0.49 0.00	20.30 0.32 0.00	19.52 0.22 0.00	17.67 -0.05 0.00	17.78 -0.25 0.00	21.89 -1.13 0.00	29.42 -2.11 0.00	29.67 -1.97 0.00	29.44 -2.09 0.00	24.75 -1.78 0.00	18.29 -0.97 0.00	18.01 -0.72 0.00
WALDEN___HYDRO 24148	19.33 0.75 0.00	19.20 0.67 0.00	19.00 0.66 0.00	18.64 0.62 0.00	20.50 0.60 0.00	20.86 0.62 0.00	25.33 1.10 0.00	29.43 1.31 0.00	19.44 0.69 0.00	17.55 0.62 0.00	19.39 0.69 0.00	21.95 0.78 0.00	21.40 0.80 0.00	20.83 0.86 0.00	20.18 0.89 0.00	18.59 0.88 0.00	18.88 0.85 0.00	24.12 1.10 0.00	33.05 1.52 0.00	33.29 1.65 0.00	33.11 1.58 0.00	27.78 1.25 0.00	20.02 0.76 0.00	19.48 0.75 0.00
WARRENSBURG___ 23737	18.90 0.33 0.00	18.86 0.33 0.00	18.65 0.31 0.00	18.32 0.31 0.00	20.28 0.37 0.00	20.75 0.52 0.00	25.25 1.02 0.00	29.20 1.14 0.06	18.58 0.35 0.51	16.72 0.18 0.38	18.91 0.20 0.00	21.37 0.20 0.00	20.87 0.27 0.00	20.22 0.25 0.00	19.56 0.26 0.00	17.94 0.23 0.00	18.40 0.36 0.00	23.63 0.61 0.00	32.61 1.08 0.00	32.90 1.26 0.00	32.65 1.13 0.00	27.40 0.86 0.00	19.73 0.48 0.00	19.09 0.35 0.00
WATERSIDE___6 8 9 23538	19.43 0.86 0.00	19.28 0.75 0.00	19.09 0.74 0.00	18.72 0.71 0.00	20.56 0.72 0.00	20.96 0.72 0.00	25.51 1.28 0.00	30.09 1.57 -0.40	20.07 0.91 -0.41	18.14 0.90 -0.31	19.76 1.05 0.00	22.34 1.18 0.00	21.78 1.19 0.00	21.20 1.24 0.00	20.55 1.25 0.00	19.00 1.23 -0.05	19.75 1.19 -0.52	24.53 1.51 0.00	33.43 1.91 0.00	33.52 1.88 0.00	33.30 1.77 0.00	27.93 1.40 0.00	20.12 0.86 0.00	19.61 0.88 0.00
WATKINRD_115KV_LN8_ILLION 55919	18.46 -0.11 0.00	18.40 -0.13 0.00	18.21 -0.14 0.00	17.89 -0.13 0.00	19.75 -0.16 0.00	20.11 -0.12 0.00	24.32 0.08 0.00	28.18 0.06 0.00	18.63 -0.11 0.00	16.78 -0.15 0.00	18.50 -0.21 0.00	20.91 -0.25 0.00	20.35 -0.25 0.00	19.75 -0.22 0.00	19.07 -0.23 0.00	17.52 -0.20 0.00	17.83 -0.21 0.00	22.82 -0.20 0.00	31.47 -0.07 0.00	31.70 0.06 0.00	31.61 0.08 0.00	26.55 0.02 0.00	19.20 -0.06 0.00	18.64 -0.10 0.00
WATSON___69_KV_BK 1 55734	67.43 1.20 -47.66	23.90 1.16 -4.21	94.39 1.13 -74.91	19.04 0.99 -0.04	23.19 0.85 -2.43	31.75 0.82 -10.69	100.50 1.21 -75.06	33.77 1.43 -4.23	19.63 0.98 0.09	17.83 0.97 0.07	20.02 1.32 0.00	22.68 1.51 0.00	22.11 1.51 0.00	21.51 1.54 0.00	20.82 1.53 0.00	19.26 1.54 0.00	19.40 1.35 -0.01	25.02 1.77 -0.23	92.45 2.16 -58.76	81.74 2.11 -47.99	79.29 2.19 -45.57	46.74 1.67 -18.54	20.31 1.05 0.00	19.87 1.14 0.00
WDELAWARE___HYD 323627	19.20 0.62 0.00	19.07 0.54 0.00	18.88 0.53 0.00	18.52 0.50 0.00	20.40 0.49 0.00	20.75 0.51 0.00	25.20 0.96 0.00	29.30 1.18 0.00	19.34 0.60 0.00	17.45 0.52 0.00	19.27 0.56 0.00	21.80 0.64 0.00	21.26 0.67 0.00	20.68 0.71 0.00	20.04 0.74 0.00	18.46 0.74 0.00	18.75 0.71 0.00	23.98 0.96 0.00	32.94 1.41 0.00	33.18 1.54 0.00	32.99 1.46 0.00	27.64 1.12 0.00	19.93 0.67 0.00	19.41 0.67 0.00
WEST BABYLON___IC 23714	30.22 1.11 -10.53	20.54 1.08 -0.93	35.96 1.06 -16.55	18.94 0.92 -0.01	21.23 0.78 -0.54	23.36 0.76 -2.36	41.97 1.15 -16.59	30.46 1.38 -0.96	19.79 0.91 -0.14	17.93 0.90 -0.11	19.95 1.24 0.00	22.59 1.43 0.00	22.03 1.43 0.00	21.43 1.46 0.00	20.75 1.45 0.00	19.18 1.46 0.00	19.33 1.29 -0.01	24.75 1.68 -0.05	46.75 2.07 -13.15	44.43 2.05 -10.74	43.82 2.09 -10.20	32.27 1.59 -4.15	20.25 0.99 0.00	19.79 1.06 0.00
WEST CANADA___HYD 24049	18.60 0.02 0.00	18.55 0.01 0.00	18.35 0.01 0.00	18.01 0.00 0.00	19.89 -0.02 0.00	20.24 0.00 0.00	24.33 0.10 0.00	28.22 0.10 0.00	18.76 0.02 0.00	16.93 0.01 0.00	18.70 0.00 0.00	21.17 0.01 0.00	20.60 0.00 0.00	19.99 0.02 0.00	19.32 0.02 0.00	17.74 0.02 0.00	18.06 0.02 0.00	23.06 0.04 0.00	31.63 0.10 0.00	31.77 0.13 0.00	31.64 0.11 0.00	26.61 0.08 0.00	19.28 0.03 0.00	18.76 0.02 0.00
WESTERN_NY_WIND 24143	18.31 -0.27 0.00	18.33 -0.20 0.00	18.20 -0.14 0.00	17.88 -0.14 0.00	19.86 -0.05 0.00	20.05 -0.19 0.00	23.72 -0.52 0.00	27.75 -0.37 0.00	18.50 -0.24 0.00	16.76 -0.17 0.00	18.58 -0.12 0.00	21.47 0.31 0.00	20.96 0.36 0.00	20.17 0.20 0.00	19.39 0.09 0.00	17.56 -0.16 0.00	17.66 -0.38 0.00	21.87 -1.15 0.00	29.64 -1.89 0.00	30.07 -1.57 0.00	29.94 -1.59 0.00	25.19 -1.34 0.00	18.55 -0.71 0.00	18.22 -0.51 0.00
WESTOVER___LESR 323668	18.60 0.03 0.00	18.52 -0.01 0.00	18.36 0.02 0.00	18.01 0.00 0.00	19.94 0.03 0.00	20.22 -0.02 0.00	24.26 0.03 0.00	28.22 0.10 0.00	18.71 -0.03 0.00	17.00 0.08 0.00	18.84 0.14 0.00	21.42 0.26 0.00	20.88 0.28 0.00	20.21 0.24 0.00	19.52 0.22 0.00	17.83 0.11 0.00	18.08 0.04 0.00	22.89 -0.13 0.00	31.29 -0.24 0.00	31.55 -0.09 0.00	31.39 -0.14 0.00	26.32 -0.21 0.00	19.18 -0.08 0.00	18.75 0.02 0.00
WETHRSFD_WT_PWR 323626	18.05 -0.52 0.00	18.09 -0.44 0.00	17.99 -0.36 0.00	17.68 -0.34 0.00	19.66 -0.25 0.00	19.81 -0.42 0.00	23.48 -0.76 0.00	27.42 -0.70 0.00	18.32 -0.42 0.00	16.72 -0.21 0.00	18.55 -0.16 0.00	21.27 0.11 0.00	20.79 0.19 0.00	20.05 0.08 0.00	19.32 0.03 0.00	17.53 -0.18 0.00	17.71 -0.33 0.00	21.99 -1.03 0.00	29.66 -1.87 0.00	29.88 -1.76 0.00	29.71 -1.81 0.00	24.94 -1.59 0.00	18.34 -0.92 0.00	17.97 -0.77 0.00
WHAVSTOR_138KV_BK127 55557	19.25 0.67 0.00	19.12 0.59 0.00	18.92 0.58 0.00	18.56 0.54 0.00	20.40 0.49 0.00	20.73 0.50 0.00	25.18 0.95 0.00	29.30 1.13 -0.04	19.71 0.60 -0.36	17.81 0.61 -0.27	19.41 0.70 0.00	21.98 0.81 0.00	21.44 0.85 0.00	20.88 0.91 0.00	20.24 0.94 0.00	18.66 0.94 0.00	18.92 0.88 0.00	24.14 1.12 0.00	32.95 1.42 0.00	33.08 1.44 0.00	32.86 1.33 0.00	27.57 1.04 0.00	19.88 0.62 0.00	19.39 0.66 0.00

WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.25 0.67 0.00	19.12 0.59 0.00	18.92 0.58 0.00	18.56 0.54 0.00	20.40 0.49 0.00	20.73 0.50 0.00	25.18 0.95 0.00	29.30 1.13 -0.04	19.71 0.60 -0.36	17.81 0.61 -0.27	19.41 0.70 0.00	21.98 0.81 0.00	21.44 0.85 0.00	20.88 0.91 0.00	20.24 0.94 0.00	18.66 0.94 0.00	18.92 0.88 0.00	24.14 1.12 0.00	32.95 1.42 0.00	33.08 1.44 0.00	32.86 1.33 0.00	27.57 1.04 0.00	19.88 0.62 0.00	19.39 0.66 0.00
WHITEHAL_115KV_TB1 80871	19.05 0.47 0.00	19.01 0.48 0.00	18.78 0.43 0.00	18.50 0.48 0.00	20.57 0.66 0.00	21.22 0.99 0.00	26.02 1.79 0.00	30.10 2.04 0.06	18.76 0.54 0.52	16.77 0.23 0.39	19.23 0.53 0.00	21.64 0.48 0.00	21.22 0.62 0.00	20.48 0.51 0.00	19.87 0.57 0.00	18.15 0.44 0.00	18.82 0.79 0.00	24.22 1.20 0.00	33.48 1.95 0.00	33.90 2.25 0.00	33.43 1.90 0.00	27.95 1.43 0.00	20.10 0.85 0.00	19.34 0.61 0.00
WHITEPLN_13_KV_LOAD 356215	19.47 0.90 0.00	19.33 0.80 0.00	19.12 0.78 0.00	18.74 0.73 0.00	20.60 0.69 0.00	20.98 0.74 0.00	25.52 1.29 0.00	29.73 1.55 -0.06	20.05 0.89 -0.41	18.10 0.86 -0.31	19.70 1.00 0.00	22.31 1.14 0.00	21.75 1.15 0.00	21.17 1.20 0.00	20.51 1.22 0.00	18.92 1.20 0.00	19.18 1.13 -0.01	24.48 1.47 0.00	33.46 1.93 0.00	33.59 1.95 0.00	33.35 1.82 0.00	27.96 1.43 0.00	20.13 0.88 0.00	19.60 0.87 0.00
WM_FLOYD_69_KV_BK2 356380	164.87 1.13 -145.17	32.48 1.13 -12.82	247.66 1.11 -228.20	19.09 0.96 -0.11	28.11 0.81 -7.39	53.56 0.76 -32.56	254.04 1.15 -228.65	42.35 1.39 -12.84	19.54 0.89 0.10	17.75 0.90 0.07	19.93 1.23 0.00	22.61 1.44 0.00	22.01 1.42 0.00	21.44 1.47 0.00	20.74 1.44 0.00	19.20 1.48 0.00	19.31 1.26 -0.01	25.40 1.68 -0.70	212.12 2.03 -178.56	179.47 2.02 -145.81	172.08 2.06 -138.49	84.47 1.59 -56.35	20.22 0.96 0.00	19.85 1.12 0.00
WOODARD__115KV_TB2 355635	18.26 -0.31 0.00	18.21 -0.33 0.00	18.03 -0.32 0.00	17.69 -0.32 0.00	19.59 -0.32 0.00	19.91 -0.32 0.00	23.90 -0.33 0.00	27.88 -0.25 0.00	18.40 -0.34 0.00	16.63 -0.29 0.00	18.40 -0.30 0.00	20.89 -0.27 0.00	20.35 -0.24 0.00	19.73 -0.24 0.00	19.05 -0.25 0.00	17.42 -0.30 0.00	17.70 -0.33 0.00	22.52 -0.50 0.00	30.83 -0.70 0.00	31.05 -0.59 0.00	30.93 -0.60 0.00	25.99 -0.55 0.00	18.88 -0.38 0.00	18.39 -0.34 0.00
YORK___WARBASSE 23770	19.50 0.93 0.00	19.35 0.82 0.00	19.15 0.80 0.00	18.78 0.76 0.00	20.63 0.72 0.00	21.02 0.79 0.00	25.59 1.36 0.00	30.17 1.64 -0.40	20.11 0.95 -0.41	18.19 0.95 -0.31	19.80 1.09 0.00	22.40 1.24 0.00	21.85 1.26 0.00	21.28 1.31 0.00	20.63 1.34 0.00	19.07 1.31 -0.05	19.81 1.25 -0.52	24.62 1.60 0.00	33.55 2.02 0.00	33.63 1.99 0.00	33.41 1.88 0.00	28.06 1.53 0.00	20.20 0.95 0.00	19.68 0.95 0.00