

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

09/01/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	20.22	18.25	18.15	18.10	18.21	18.69	21.10	21.90	21.67	21.26	19.88	20.28	20.87	21.78	22.74	23.01	25.82	30.91	30.96	28.66	25.42	23.04	21.42	20.22
24138	0.96	0.90	0.85	0.89	0.85	0.84	1.04	1.36	1.47	1.48	1.30	1.34	1.46	1.54	1.80	1.84	2.05	2.42	2.21	2.10	1.71	1.63	1.31	1.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	20.28	18.24	18.24	18.10	18.20	18.67	21.08	21.88	21.65	21.22	19.84	20.26	20.78	21.74	22.72	22.97	25.78	30.91	30.96	28.64	25.39	23.02	21.41	20.18
24260	1.02	0.89	0.93	0.89	0.83	0.82	1.02	1.34	1.45	1.44	1.26	1.33	1.36	1.50	1.78	1.80	2.00	2.42	2.21	2.07	1.68	1.61	1.29	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	20.28	18.24	18.24	18.10	18.20	18.67	21.08	21.88	21.65	21.22	19.84	20.26	20.78	21.74	22.72	22.97	25.78	30.91	30.96	28.64	25.39	23.02	21.41	20.18
24261	1.02	0.89	0.93	0.89	0.83	0.82	1.02	1.34	1.45	1.44	1.26	1.33	1.36	1.50	1.78	1.80	2.00	2.42	2.21	2.07	1.68	1.61	1.29	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	19.87	17.93	17.88	17.78	17.95	18.46	20.82	21.37	21.49	20.80	19.49	19.85	20.35	21.26	22.13	22.36	25.20	30.48	30.87	28.59	25.51	23.02	21.37	20.16
24011	0.62	0.57	0.57	0.57	0.59	0.61	0.76	0.82	1.29	1.03	0.91	0.91	0.93	1.01	1.19	1.19	1.43	1.99	2.13	2.02	1.80	1.61	1.25	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	19.93	17.98	17.91	17.83	18.01	18.53	20.92	21.51	21.65	20.96	19.62	19.96	20.48	21.38	22.28	22.51	25.40	30.71	31.16	28.82	25.72	23.21	21.53	20.28
23798	0.67	0.62	0.61	0.62	0.64	0.68	0.86	0.97	1.45	1.19	1.04	1.02	1.07	1.13	1.34	1.33	1.62	2.22	2.41	2.26	2.01	1.80	1.41	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	19.87	17.93	17.88	17.78	17.95	18.46	20.82	21.37	21.49	20.80</														

ALBANY___4 23574	19.49 0.23 0.00	17.60 0.24 0.00	17.60 0.29 0.00	17.53 0.33 0.00	17.68 0.31 0.00	18.19 0.34 0.00	20.38 0.32 0.00	20.88 0.33 0.00	20.56 0.36 0.00	20.05 0.28 0.00	18.86 0.28 0.00	19.20 0.27 0.00	19.69 0.27 0.00	20.49 0.24 0.00	21.31 0.38 0.00	21.55 0.38 0.00	24.21 0.43 0.00	29.17 0.68 0.00	29.43 0.69 0.00	27.28 0.72 0.00	24.30 0.59 0.00	21.97 0.56 0.00	20.44 0.32 0.00	19.38 0.31 0.00
ALBANY___LFGE 323615	19.64 0.38 0.00	17.75 0.40 0.00	17.74 0.43 0.00	17.67 0.46 0.00	17.81 0.45 0.00	18.33 0.48 0.00	20.56 0.50 0.00	21.06 0.51 0.00	20.76 0.56 0.00	20.25 0.47 0.00	19.02 0.45 0.00	19.35 0.42 0.00	19.88 0.47 0.00	20.69 0.44 0.00	21.50 0.57 0.00	21.75 0.57 0.00	24.44 0.66 0.00	29.46 0.97 0.00	29.75 1.01 0.00	27.55 0.98 0.00	24.54 0.83 0.00	22.19 0.77 0.00	20.64 0.52 0.00	19.55 0.48 0.00
ALCOA_PA_115KV_PL-6C 55860	18.99 -0.27 0.00	17.23 -0.12 0.00	17.18 -0.12 0.00	17.05 -0.15 0.00	17.22 -0.14 0.00	17.74 -0.11 0.00	19.76 -0.30 0.00	20.28 -0.27 0.00	19.89 -0.30 0.00	19.48 -0.30 0.00	18.39 -0.19 0.00	18.73 -0.21 0.00	19.24 -0.17 0.00	19.96 -0.28 0.00	20.52 -0.42 0.00	20.75 -0.42 0.00	23.42 -0.36 0.00	28.00 -0.48 0.00	28.25 -0.49 0.00	26.11 -0.45 0.00	23.26 -0.45 0.00	20.99 -0.43 0.00	19.84 -0.28 0.00	18.96 -0.11 0.00
ALCOA_RYNLDS___DRP 24188	18.99 -0.27 0.00	17.23 -0.12 0.00	17.18 -0.12 0.00	17.05 -0.15 0.00	17.22 -0.14 0.00	17.74 -0.11 0.00	19.76 -0.30 0.00	20.28 -0.27 0.00	19.89 -0.30 0.00	19.48 -0.30 0.00	18.39 -0.19 0.00	18.73 -0.21 0.00	19.24 -0.17 0.00	19.96 -0.28 0.00	20.52 -0.42 0.00	20.75 -0.42 0.00	23.42 -0.36 0.00	28.00 -0.48 0.00	28.25 -0.49 0.00	26.11 -0.45 0.00	23.26 -0.45 0.00	20.99 -0.43 0.00	19.84 -0.28 0.00	18.96 -0.11 0.00
ALCOA___DSASP 323711	19.14 -0.11 0.00	17.23 -0.12 0.00	17.19 -0.12 0.00	17.05 -0.16 0.00	17.22 -0.14 0.00	17.74 -0.11 0.00	19.76 -0.30 0.00	20.28 -0.27 0.00	19.89 -0.30 0.00	19.46 -0.32 0.00	18.39 -0.19 0.00	18.73 -0.21 0.00	19.09 -0.33 0.00	19.96 -0.28 0.00	20.52 -0.42 0.00	20.75 -0.42 0.00	23.42 -0.36 0.00	28.00 -0.48 0.00	28.25 -0.49 0.00	26.11 -0.45 0.00	23.26 -0.45 0.00	20.99 -0.43 0.00	19.84 -0.28 0.00	18.96 -0.11 0.00
ALLEGHENY___COGEN 23514	20.26 1.00 0.00	18.13 0.78 0.00	17.89 0.59 0.00	17.65 0.45 0.00	17.87 0.50 0.00	18.46 0.61 0.00	20.94 0.88 0.00	21.70 1.15 0.00	21.17 0.97 0.00	20.74 0.97 0.00	19.51 0.93 0.00	19.90 0.97 0.00	20.41 0.99 0.00	21.36 1.11 0.00	22.34 1.40 0.00	22.57 1.40 0.00	25.32 1.54 0.00	30.08 1.59 0.00	30.61 1.87 0.00	28.21 1.65 0.00	25.46 1.75 0.00	22.81 1.39 0.00	21.30 1.19 0.00	19.70 0.63 0.00
ALTAMONT_115KV_TB 2 55880	19.76 0.50 0.00	17.82 0.47 0.00	17.82 0.52 0.00	17.74 0.53 0.00	17.88 0.52 0.00	18.38 0.54 0.00	20.64 0.58 0.00	21.14 0.60 0.00	20.84 0.65 0.00	20.33 0.55 0.00	19.08 0.50 0.00	19.43 0.49 0.00	19.92 0.50 0.00	20.77 0.53 0.00	21.61 0.67 0.00	21.85 0.68 0.00	24.54 0.76 0.00	29.54 1.05 0.00	29.81 1.06 0.00	27.60 1.04 0.00	24.59 0.88 0.00	22.25 0.84 0.00	20.72 0.60 0.00	19.65 0.57 0.00
ALTONA_WT_PWR 323606	19.33 0.08 0.00	17.42 0.07 0.00	17.36 0.05 0.00	17.23 0.02 0.00	17.38 0.02 0.00	17.90 0.05 0.00	20.06 0.00 0.00	20.69 0.14 0.00	20.34 0.14 0.00	19.91 0.14 0.00	18.74 0.17 0.00	19.09 0.15 0.00	19.55 0.14 0.00	20.47 0.22 0.00	21.02 0.08 0.00	21.28 0.11 0.00	24.04 0.26 0.00	28.69 0.20 0.00	28.97 0.23 0.00	26.75 0.19 0.00	23.83 0.12 0.00	21.46 0.04 0.00	20.26 0.14 0.00	19.15 0.08 0.00
AMERICAN_REF_FUEL 24010	18.95 -0.31 0.00	17.15 -0.21 0.00	16.91 -0.40 0.00	16.47 -0.74 0.00	16.64 -0.73 0.00	17.19 -0.66 0.00	19.48 -0.58 0.00	19.95 -0.60 0.00	19.53 -0.67 0.00	19.26 -0.51 0.00	18.22 -0.35 0.00	18.63 -0.30 0.00	19.10 -0.31 0.00	20.02 -0.22 0.00	20.90 -0.04 0.00	20.98 -0.19 0.00	23.30 -0.48 0.00	27.32 -1.17 0.00	27.71 -1.03 0.00	25.50 -1.06 0.00	23.14 -0.57 0.00	20.82 -0.60 0.00	19.55 -0.56 0.00	18.18 -0.90 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.76 0.50 0.00	17.68 0.33 0.00	17.41 0.10 0.00	17.12 -0.09 0.00	17.29 -0.07 0.00	17.90 0.05 0.00	20.26 0.20 0.00	20.94 0.39 0.00	20.50 0.30 0.00	20.27 0.49 0.00	19.19 0.61 0.00	19.66 0.72 0.00	20.15 0.74 0.00	21.13 0.89 0.00	22.07 1.13 0.00	22.19 1.02 0.00	24.70 0.93 0.00	29.00 0.51 0.00	29.29 0.54 0.00	26.94 0.37 0.00	24.37 0.66 0.00	21.84 0.43 0.00	20.38 0.26 0.00	18.83 -0.25 0.00
ARTHUR_KILL_GT_1 23520	20.18 0.92 0.00	18.19 0.83 0.00	18.07 0.76 0.00	18.03 0.83 0.00	18.11 0.75 0.00	18.40 0.55 0.00	20.66 0.60 0.00	21.44 0.90 0.01	21.28 1.09 0.01	20.93 1.17 0.01	19.54 0.97 0.01	19.95 1.02 0.01	20.55 1.15 0.01	21.45 1.21 0.01	22.46 1.53 0.01	22.75 1.59 0.01	25.55 1.78 0.01	30.67 2.19 0.01	30.72 1.98 0.01	28.39 1.83 0.01	24.96 1.26 0.01	22.67 1.26 0.01	21.16 1.05 0.00	20.07 0.99 0.00
ARTHUR_KILL_2 23512	20.14 0.89 0.00	18.15 0.80 0.00	18.03 0.73 0.00	18.00 0.79 0.00	18.08 0.71 0.00	18.35 0.50 0.00	20.62 0.56 0.00	21.40 0.86 0.01	21.24 1.05 0.01	20.87 1.11 0.01	19.48 0.91 0.01	19.91 0.98 0.01	20.49 1.09 0.01	21.39 1.15 0.01	22.42 1.49 0.01	22.69 1.53 0.01	25.48 1.71 0.01	30.59 2.11 0.01	30.63 1.90 0.01	28.31 1.75 0.01	24.89 1.18 0.01	22.61 1.20 0.01	21.10 0.99 0.00	20.01 0.93 0.00
ARTHUR_KILL_3 23513	20.01 0.75 0.00	18.10 0.75 0.00	18.00 0.69 0.00	17.95 0.74 0.00	18.04 0.68 0.00	18.51 0.66 0.00	20.90 0.84 0.00	21.68 1.13 0.00	21.43 1.23 0.00	21.02 1.25 0.00	19.69 1.11 0.00	20.09 1.16 0.00	20.66 1.24 0.00	21.54 1.30 0.00	22.49 1.55 0.00	22.76 1.59 0.00	25.54 1.76 0.00	30.57 2.08 0.00	30.61 1.87 0.00	28.37 1.81 0.00	25.16 1.45 0.00	22.83 1.41 0.00	21.24 1.13 0.00	20.05 0.97 0.00
ARTHUR_KILL_COGEN 323718	20.18 0.92 0.00	18.19 0.83 0.00	18.07 0.76 0.00	18.03 0.83 0.00	18.11 0.75 0.00	18.40 0.55 0.00	20.66 0.60 0.00	21.44 0.90 0.01	21.28 1.09 0.01	20.93 1.17 0.01	19.54 0.97 0.01	19.95 1.02 0.01	20.55 1.15 0.01	21.45 1.21 0.01	22.46 1.53 0.01	22.75 1.59 0.01	25.55 1.78 0.01	30.67 2.19 0.01	30.72 1.98 0.01	28.39 1.83 0.01	24.96 1.26 0.01	22.67 1.26 0.01	21.16 1.05 0.00	20.07 0.99 0.00
ASHOKAN____ 23654	20.10 0.85 0.00	18.12 0.76 0.00	18.10 0.80 0.00	18.02 0.81 0.00	18.15 0.78 0.00	18.60 0.75 0.00	20.96 0.90 0.00	21.25 0.70 0.00	20.84 0.65 0.00	20.29 0.51 0.00	18.97 0.39 0.00	19.32 0.38 0.00	19.78 0.37 0.00	20.69 0.44 0.00	21.54 0.61 0.00	21.85 0.68 0.00	24.73 0.95 0.00	29.94 1.45 0.00	30.21 1.47 0.00	27.95 1.38 0.00	24.85 1.14 0.00	22.46 1.05 0.00	20.90 0.78 0.00	19.93 0.86 0.00

ASTORIA_EAST_ENERGY_CC1 323581	20.01 0.75 0.00	18.13 0.78 0.00	18.03 0.73 0.00	17.98 0.78 0.00	18.08 0.71 0.00	18.45 0.61 0.01	20.79 0.74 0.01	21.61 1.07 0.01	21.40 1.21 0.01	21.01 1.25 0.01	19.65 1.08 0.01	20.05 1.12 0.01	20.61 1.20 0.01	21.51 1.28 0.01	22.48 1.55 0.01	22.75 1.59 0.01	25.53 1.76 0.01	30.59 2.11 0.01	30.63 1.90 0.01	28.34 1.78 0.01	25.08 1.37 0.01	22.76 1.35 0.01	21.16 1.05 0.01	20.03 0.95 0.00
ASTORIA_EAST_ENERGY_CC2 323582	20.01 0.75 0.00	18.13 0.78 0.00	18.03 0.73 0.00	17.98 0.78 0.00	18.08 0.71 0.00	18.45 0.61 0.01	20.79 0.74 0.01	21.61 1.07 0.01	21.40 1.21 0.01	21.01 1.25 0.01	19.65 1.08 0.01	20.05 1.12 0.01	20.61 1.20 0.01	21.51 1.28 0.01	22.48 1.55 0.01	22.75 1.59 0.01	25.53 1.76 0.01	30.59 2.11 0.01	30.63 1.90 0.01	28.34 1.78 0.01	25.08 1.37 0.01	22.76 1.35 0.01	21.16 1.05 0.01	20.03 0.95 0.00
ASTORIA_GT2_1 24094	20.10 0.85 0.00	18.13 0.78 0.00	18.17 0.87 0.00	18.00 0.79 0.00	18.08 0.71 0.00	18.46 0.61 0.00	20.82 0.76 0.00	21.64 1.09 0.00	21.43 1.23 0.00	21.02 1.25 0.00	19.66 1.08 0.00	20.06 1.12 0.00	20.58 1.16 0.00	21.54 1.30 0.00	22.51 1.57 0.00	22.78 1.61 0.00	25.54 1.76 0.00	30.62 2.14 0.00	30.64 1.90 0.00	28.37 1.81 0.00	25.08 1.38 0.00	22.76 1.35 0.00	21.16 1.05 0.00	20.03 0.95 0.00
ASTORIA_GT2_2 24095	20.10 0.85 0.00	18.13 0.78 0.00	18.17 0.87 0.00	18.00 0.79 0.00	18.08 0.71 0.00	18.46 0.61 0.00	20.82 0.76 0.00	21.64 1.09 0.00	21.43 1.23 0.00	21.02 1.25 0.00	19.66 1.08 0.00	20.06 1.12 0.00	20.58 1.16 0.00	21.54 1.30 0.00	22.51 1.57 0.00	22.78 1.61 0.00	25.54 1.76 0.00	30.62 2.14 0.00	30.64 1.90 0.00	28.37 1.81 0.00	25.08 1.38 0.00	22.76 1.35 0.00	21.16 1.05 0.00	20.03 0.95 0.00
ASTORIA_GT2_3 24096	20.10 0.85 0.00	18.13 0.78 0.00	18.17 0.87 0.00	18.00 0.79 0.00	18.08 0.71 0.00	18.46 0.61 0.00	20.82 0.76 0.00	21.64 1.09 0.00	21.43 1.23 0.00	21.02 1.25 0.00	19.66 1.08 0.00	20.06 1.12 0.00	20.58 1.16 0.00	21.54 1.30 0.00	22.51 1.57 0.00	22.78 1.61 0.00	25.54 1.76 0.00	30.62 2.14 0.00	30.64 1.90 0.00	28.37 1.81 0.00	25.08 1.38 0.00	22.76 1.35 0.00	21.16 1.05 0.00	20.03 0.95 0.00
ASTORIA_GT2_4 24097	20.10 0.85 0.00	18.13 0.78 0.00	18.17 0.87 0.00	18.00 0.79 0.00	18.08 0.71 0.00	18.46 0.61 0.00	20.82 0.76 0.00	21.64 1.09 0.00	21.43 1.23 0.00	21.02 1.25 0.00	19.66 1.08 0.00	20.06 1.12 0.00	20.58 1.16 0.00	21.54 1.30 0.00	22.51 1.57 0.00	22.78 1.61 0.00	25.54 1.76 0.00	30.62 2.14 0.00	30.64 1.90 0.00	28.37 1.81 0.00	25.08 1.38 0.00	22.76 1.35 0.00	21.16 1.05 0.00	20.03 0.95 0.00
ASTORIA_GT3_1 24098	20.10 0.85 0.00	18.13 0.78 0.00	18.17 0.87 0.00	18.00 0.79 0.00	18.08 0.71 0.00	18.46 0.61 0.00	20.82 0.76 0.00	21.64 1.09 0.00	21.43 1.23 0.00	21.02 1.25 0.00	19.66 1.08 0.00	20.06 1.12 0.00	20.58 1.16 0.00	21.54 1.30 0.00	22.51 1.57 0.00	22.78 1.61 0.00	25.54 1.76 0.00	30.62 2.14 0.00	30.64 1.90 0.00	28.37 1.81 0.00	25.08 1.38 0.00	22.76 1.35 0.00	21.16 1.05 0.00	20.03 0.95 0.00
ASTORIA_GT3_2 24099	20.10 0.85 0.00	18.13 0.78 0.00	18.17 0.87 0.00	18.00 0.79 0.00	18.08 0.71 0.00	18.46 0.61 0.00	20.82 0.76 0.00	21.64 1.09 0.00	21.43 1.23 0.00	21.02 1.25 0.00	19.66 1.08 0.00	20.06 1.12 0.00	20.58 1.16 0.00	21.54 1.30 0.00	22.51 1.57 0.00	22.78 1.61 0.00	25.54 1.76 0.00	30.62 2.14 0.00	30.64 1.90 0.00	28.37 1.81 0.00	25.08 1.38 0.00	22.76 1.35 0.00	21.16 1.05 0.00	20.03 0.95 0.00
ASTORIA_GT3_3 24100	20.10 0.85 0.00	18.13 0.78 0.00	18.17 0.87 0.00	18.00 0.79 0.00	18.08 0.71 0.00	18.46 0.61 0.00	20.82 0.76 0.00	21.64 1.09 0.00	21.43 1.23 0.00	21.02 1.25 0.00	19.66 1.08 0.00	20.06 1.12 0.00	20.58 1.16 0.00	21.54 1.30 0.00	22.51 1.57 0.00	22.78 1.61 0.00	25.54 1.76 0.00	30.62 2.14 0.00	30.64 1.90 0.00	28.37 1.81 0.00	25.08 1.38 0.00	22.76 1.35 0.00	21.16 1.05 0.00	20.03 0.95 0.00
ASTORIA_GT3_4 24101	20.10 0.85 0.00	18.13 0.78 0.00	18.17 0.87 0.00	18.00 0.79 0.00	18.08 0.71 0.00	18.46 0.61 0.00	20.82 0.76 0.00	21.64 1.09 0.00	21.43 1.23 0.00	21.02 1.25 0.00	19.66 1.08 0.00	20.06 1.12 0.00	20.58 1.16 0.00	21.54 1.30 0.00	22.51 1.57 0.00	22.78 1.61 0.00	25.54 1.76 0.00	30.62 2.14 0.00	30.64 1.90 0.00	28.37 1.81 0.00	25.08 1.38 0.00	22.76 1.35 0.00	21.16 1.05 0.00	20.03 0.95 0.00
ASTORIA_GT4_1 24102	20.10 0.85 0.00	18.13 0.78 0.00	18.17 0.87 0.00	18.00 0.79 0.00	18.08 0.71 0.00	18.46 0.61 0.00	20.82 0.76 0.00	21.64 1.09 0.00	21.43 1.23 0.00	21.02 1.25 0.00	19.66 1.08 0.00	20.06 1.12 0.00	20.58 1.16 0.00	21.54 1.30 0.00	22.51 1.57 0.00	22.78 1.61 0.00	25.54 1.76 0.00	30.62 2.14 0.00	30.64 1.90 0.00	28.37 1.81 0.00	25.08 1.38 0.00	22.76 1.35 0.00	21.16 1.05 0.00	20.03 0.95 0.00
ASTORIA_GT4_2 24103	20.10 0.85 0.00	18.13 0.78 0.00	18.17 0.87 0.00	18.00 0.79 0.00	18.08 0.71 0.00	18.46 0.61 0.00	20.82 0.76 0.00	21.64 1.09 0.00	21.43 1.23 0.00	21.02 1.25 0.00	19.66 1.08 0.00	20.06 1.12 0.00	20.58 1.16 0.00	21.54 1.30 0.00	22.51 1.57 0.00	22.78 1.61 0.00	25.54 1.76 0.00	30.62 2.14 0.00	30.64 1.90 0.00	28.37 1.81 0.00	25.08 1.38 0.00	22.76 1.35 0.00	21.16 1.05 0.00	20.03 0.95 0.00
ASTORIA_GT4_3 24104	20.10 0.85 0.00	18.13 0.78 0.00	18.17 0.87 0.00	18.00 0.79 0.00	18.08 0.71 0.00	18.46 0.61 0.00	20.82 0.76 0.00	21.64 1.09 0.00	21.43 1.23 0.00	21.02 1.25 0.00	19.66 1.08 0.00	20.06 1.12 0.00	20.58 1.16 0.00	21.54 1.30 0.00	22.51 1.57 0.00	22.78 1.61 0.00	25.54 1.76 0.00	30.62 2.14 0.00	30.64 1.90 0.00	28.37 1.81 0.00	25.08 1.38 0.00	22.76 1.35 0.00	21.16 1.05 0.00	20.03 0.95 0.00
ASTORIA_GT4_4 24105	20.10 0.85 0.00	18.13 0.78 0.00	18.17 0.87 0.00	18.00 0.79 0.00	18.08 0.71 0.00	18.46 0.61 0.00	20.82 0.76 0.00	21.64 1.09 0.00	21.43 1.23 0.00	21.02 1.25 0.00	19.66 1.08 0.00	20.06 1.12 0.00	20.58 1.16 0.00	21.54 1.30 0.00	22.51 1.57 0.00	22.78 1.61 0.00	25.54 1.76 0.00	30.62 2.14 0.00	30.64 1.90 0.00	28.37 1.81 0.00	25.08 1.38 0.00	22.76 1.35 0.00	21.16 1.05 0.00	20.03 0.95 0.00
ASTORIA_GT_1 23523	20.05 0.79 0.00	18.17 0.82 0.00	18.07 0.76 0.00	18.02 0.81 0.00	18.11 0.75 0.00	18.48 0.64 0.01	20.85 0.80 0.01	21.65 1.11 0.01	21.46 1.27 0.01	21.07 1.30 0.01	19.68 1.11 0.01	20.09 1.16 0.01	20.67 1.26 0.01	21.57 1.34 0.01	22.54 1.61 0.01	22.82 1.65 0.01	25.58 1.81 0.01	30.67 2.19 0.01	30.72 1.98 0.01	28.42 1.86 0.01	25.12 1.42 0.01	22.80 1.39 0.01	21.20 1.09 0.01	20.07 0.99 0.00

ASTORIA_GT_10 24110	20.14 0.89 0.00	18.13 0.78 0.00	18.15 0.85 0.00	18.00 0.79 0.00	18.09 0.73 0.00	18.51 0.66 0.00	20.88 0.82 0.00	21.68 1.13 0.00	21.47 1.27 0.00	21.06 1.29 0.00	19.69 1.11 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.58 1.34 0.00	22.55 1.61 0.00	22.82 1.65 0.00	25.61 1.83 0.00	30.68 2.19 0.00	30.73 1.98 0.00	28.43 1.86 0.00	25.16 1.45 0.00	22.83 1.41 0.00	21.22 1.11 0.00	20.05 0.97 0.00
ASTORIA_GT_11 24225	20.14 0.89 0.00	18.13 0.78 0.00	18.15 0.85 0.00	18.00 0.79 0.00	18.09 0.73 0.00	18.51 0.66 0.00	20.88 0.82 0.00	21.68 1.13 0.00	21.47 1.27 0.00	21.06 1.29 0.00	19.69 1.11 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.58 1.34 0.00	22.55 1.61 0.00	22.82 1.65 0.00	25.61 1.83 0.00	30.68 2.19 0.00	30.73 1.98 0.00	28.43 1.86 0.00	25.16 1.45 0.00	22.83 1.41 0.00	21.22 1.11 0.00	20.05 0.97 0.00
ASTORIA_GT_12 24226	20.14 0.89 0.00	18.13 0.78 0.00	18.15 0.85 0.00	18.00 0.79 0.00	18.09 0.73 0.00	18.51 0.66 0.00	20.88 0.82 0.00	21.68 1.13 0.00	21.47 1.27 0.00	21.06 1.29 0.00	19.69 1.11 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.58 1.34 0.00	22.55 1.61 0.00	22.82 1.65 0.00	25.61 1.83 0.00	30.68 2.19 0.00	30.73 1.98 0.00	28.43 1.86 0.00	25.16 1.45 0.00	22.83 1.41 0.00	21.22 1.11 0.00	20.05 0.97 0.00
ASTORIA_GT_13 24227	20.14 0.89 0.00	18.13 0.78 0.00	18.15 0.85 0.00	18.00 0.79 0.00	18.09 0.73 0.00	18.51 0.66 0.00	20.88 0.82 0.00	21.68 1.13 0.00	21.47 1.27 0.00	21.06 1.29 0.00	19.69 1.11 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.58 1.34 0.00	22.55 1.61 0.00	22.82 1.65 0.00	25.61 1.83 0.00	30.68 2.19 0.00	30.73 1.98 0.00	28.43 1.86 0.00	25.16 1.45 0.00	22.83 1.41 0.00	21.22 1.11 0.00	20.05 0.97 0.00
ASTORIA_GT_5 24106	20.05 0.79 0.00	18.17 0.82 0.00	18.07 0.76 0.00	18.02 0.81 0.00	18.11 0.75 0.00	18.48 0.64 0.01	20.85 0.80 0.01	21.65 1.11 0.01	21.46 1.27 0.01	21.07 1.30 0.01	19.68 1.11 0.01	20.09 1.16 0.01	20.67 1.26 0.01	21.57 1.34 0.01	22.54 1.61 0.01	22.82 1.65 0.01	25.58 1.81 0.01	30.67 2.19 0.01	30.72 1.98 0.01	28.42 1.86 0.01	25.12 1.42 0.01	22.80 1.39 0.01	21.20 1.09 0.01	20.07 0.99 0.00
ASTORIA_GT_7 24107	20.05 0.79 0.00	18.17 0.82 0.00	18.07 0.76 0.00	18.02 0.81 0.00	18.11 0.75 0.00	18.48 0.64 0.01	20.85 0.80 0.01	21.65 1.11 0.01	21.46 1.27 0.01	21.07 1.30 0.01	19.68 1.11 0.01	20.09 1.16 0.01	20.67 1.26 0.01	21.57 1.34 0.01	22.54 1.61 0.01	22.82 1.65 0.01	25.58 1.81 0.01	30.67 2.19 0.01	30.72 1.98 0.01	28.42 1.86 0.01	25.12 1.42 0.01	22.80 1.39 0.01	21.20 1.09 0.01	20.07 0.99 0.00
ASTORIA_GT_8 24108	20.14 0.89 0.00	18.17 0.82 0.00	18.21 0.90 0.00	18.02 0.81 0.00	18.11 0.75 0.00	18.49 0.64 0.00	20.84 0.78 0.00	21.66 1.11 0.00	21.47 1.27 0.00	21.06 1.29 0.00	19.69 1.11 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.58 1.34 0.00	22.57 1.63 0.00	22.82 1.65 0.00	25.59 1.81 0.00	30.68 2.19 0.00	30.70 1.95 0.00	28.43 1.86 0.00	25.13 1.42 0.00	22.81 1.39 0.00	21.20 1.09 0.00	20.05 0.97 0.00
ASTORIA___2 24149	20.03 0.77 0.00	18.13 0.78 0.00	18.03 0.73 0.00	18.00 0.79 0.00	18.08 0.71 0.00	18.45 0.61 0.01	20.81 0.76 0.01	21.61 1.07 0.01	21.42 1.23 0.01	21.03 1.27 0.01	19.65 1.08 0.01	20.05 1.12 0.01	20.63 1.22 0.01	21.53 1.30 0.01	22.50 1.57 0.01	22.77 1.61 0.01	25.53 1.76 0.01	30.62 2.14 0.01	30.66 1.93 0.01	28.37 1.81 0.01	25.10 1.40 0.01	22.76 1.35 0.01	21.16 1.05 0.01	20.05 0.97 0.00
ASTORIA___3 23516	20.06 0.81 0.00	18.13 0.78 0.00	18.03 0.73 0.00	18.00 0.79 0.00	18.09 0.73 0.00	18.51 0.66 0.00	20.88 0.82 0.00	21.68 1.13 0.00	21.47 1.27 0.00	21.08 1.30 0.00	19.69 1.11 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.58 1.34 0.00	22.55 1.61 0.00	22.83 1.65 0.00	25.61 1.83 0.00	30.68 2.19 0.00	30.72 1.98 0.00	28.43 1.86 0.00	25.16 1.45 0.00	22.81 1.39 0.00	21.22 1.11 0.00	20.07 0.99 0.00
ASTORIA___4 23517	20.14 0.89 0.00	18.13 0.78 0.00	18.15 0.85 0.00	18.00 0.79 0.00	18.09 0.73 0.00	18.51 0.66 0.00	20.88 0.82 0.00	21.68 1.13 0.00	21.47 1.27 0.00	21.06 1.29 0.00	19.69 1.11 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.58 1.34 0.00	22.55 1.61 0.00	22.82 1.65 0.00	25.61 1.83 0.00	30.68 2.19 0.00	30.73 1.98 0.00	28.43 1.86 0.00	25.16 1.45 0.00	22.83 1.41 0.00	21.22 1.11 0.00	20.05 0.97 0.00
ASTORIA___5 23518	20.06 0.81 0.00	18.13 0.78 0.00	18.03 0.73 0.00	18.00 0.79 0.00	18.09 0.73 0.00	18.51 0.66 0.00	20.88 0.82 0.00	21.68 1.13 0.00	21.47 1.27 0.00	21.08 1.30 0.00	19.69 1.11 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.58 1.34 0.00	22.55 1.61 0.00	22.83 1.65 0.00	25.61 1.83 0.00	30.68 2.19 0.00	30.72 1.98 0.00	28.43 1.86 0.00	25.16 1.45 0.00	22.81 1.39 0.00	21.22 1.11 0.00	20.07 0.99 0.00
AST_ENERGY_2_CC3 323677	20.08 0.83 0.00	18.13 0.78 0.00	18.05 0.74 0.00	17.98 0.78 0.00	18.09 0.73 0.00	18.56 0.71 0.00	20.94 0.88 0.00	21.74 1.19 0.00	21.49 1.29 0.00	21.08 1.30 0.00	19.71 1.13 0.00	20.11 1.17 0.00	20.70 1.28 0.00	21.60 1.36 0.00	22.55 1.61 0.00	22.83 1.65 0.00	25.61 1.83 0.00	30.68 2.19 0.00	30.72 1.98 0.00	28.43 1.86 0.00	25.23 1.52 0.00	22.87 1.46 0.00	21.28 1.17 0.00	20.08 1.01 0.00
AST_ENERGY_2_CC4 323678	20.08 0.83 0.00	18.13 0.78 0.00	18.05 0.74 0.00	17.98 0.78 0.00	18.09 0.73 0.00	18.56 0.71 0.00	20.94 0.88 0.00	21.74 1.19 0.00	21.49 1.29 0.00	21.08 1.30 0.00	19.71 1.13 0.00	20.11 1.17 0.00	20.70 1.28 0.00	21.60 1.36 0.00	22.55 1.61 0.00	22.83 1.65 0.00	25.61 1.83 0.00	30.68 2.19 0.00	30.72 1.98 0.00	28.43 1.86 0.00	25.23 1.52 0.00	22.87 1.46 0.00	21.28 1.17 0.00	20.08 1.01 0.00
ATHENS_STG_1 23668	19.85 0.60 0.00	17.91 0.56 0.00	17.91 0.61 0.00	17.85 0.64 0.00	17.99 0.62 0.00	18.46 0.61 0.00	20.76 0.70 0.00	21.31 0.76 0.00	21.00 0.81 0.00	20.52 0.75 0.00	19.21 0.63 0.00	19.56 0.62 0.00	20.10 0.68 0.00	20.95 0.71 0.00	21.82 0.88 0.00	22.06 0.89 0.00	24.75 0.98 0.00	29.74 1.25 0.00	29.95 1.21 0.00	27.76 1.20 0.00	24.75 1.04 0.00	22.42 1.01 0.00	20.88 0.76 0.00	19.76 0.69 0.00
ATHENS_STG_2 23670	19.85 0.60 0.00	17.91 0.56 0.00	17.91 0.61 0.00	17.85 0.64 0.00	17.99 0.62 0.00	18.46 0.61 0.00	20.76 0.70 0.00	21.31 0.76 0.00	21.00 0.81 0.00	20.52 0.75 0.00	19.21 0.63 0.00	19.56 0.62 0.00	20.10 0.68 0.00	20.95 0.71 0.00	21.82 0.88 0.00	22.06 0.89 0.00	24.75 0.98 0.00	29.74 1.25 0.00	29.95 1.21 0.00	27.76 1.20 0.00	24.75 1.04 0.00	22.42 1.01 0.00	20.88 0.76 0.00	19.76 0.69 0.00

ATHENS_STG_3 23677	19.85 0.60 0.00	17.91 0.56 0.00	17.91 0.61 0.00	17.85 0.64 0.00	17.99 0.62 0.00	18.46 0.61 0.00	20.76 0.70 0.00	21.31 0.76 0.00	21.00 0.81 0.00	20.52 0.75 0.00	19.21 0.63 0.00	19.56 0.62 0.00	20.10 0.68 0.00	20.95 0.71 0.00	21.82 0.88 0.00	22.06 0.89 0.00	24.75 0.98 0.00	29.74 1.25 0.00	29.95 1.21 0.00	27.76 1.20 0.00	24.75 1.04 0.00	22.42 1.01 0.00	20.88 0.76 0.00	19.76 0.69 0.00
AUBURN____LFGE 323710	19.49 0.23 0.00	17.51 0.16 0.00	17.37 0.07 0.00	17.28 0.07 0.00	17.45 0.09 0.00	17.97 0.12 0.00	20.30 0.24 0.00	20.92 0.37 0.00	20.52 0.32 0.00	20.11 0.34 0.00	18.91 0.33 0.00	19.32 0.38 0.00	19.80 0.39 0.00	20.65 0.40 0.00	21.44 0.50 0.00	21.70 0.53 0.00	24.25 0.48 0.00	28.97 0.48 0.00	29.32 0.57 0.00	26.99 0.43 0.00	24.18 0.47 0.00	21.78 0.36 0.00	20.40 0.28 0.00	19.17 0.10 0.00
BABYLON_RES_REC 323704	20.78 1.52 0.00	18.67 1.32 0.00	18.50 1.19 0.00	18.34 1.14 0.00	18.53 1.16 0.00	19.12 1.27 0.00	21.66 1.61 0.00	22.69 1.97 -0.17	25.54 2.06 -3.28	25.50 2.02 -3.71	26.20 1.75 -5.88	28.03 1.78 -7.32	28.51 1.85 -7.25	39.98 2.00 -17.73	34.76 2.32 -11.50	38.14 2.20 -14.76	43.78 2.31 -17.70	48.10 2.85 -16.77	41.43 2.79 -9.91	38.61 2.61 -9.44	34.87 2.28 -8.89	30.79 2.31 -7.06	26.11 1.99 -4.00	23.53 1.66 -2.80
BABYLON__69_KV_BK2 356345	21.07 1.81 0.00	18.90 1.54 0.00	18.78 1.47 0.00	18.55 1.34 0.00	18.74 1.37 0.00	19.33 1.48 0.00	21.92 1.87 0.00	22.95 2.24 -0.17	25.80 2.32 -3.28	25.76 2.27 -3.71	26.44 1.99 -5.88	28.30 2.05 -7.32	28.74 2.08 -7.25	40.26 2.29 -17.73	35.07 2.64 -11.50	38.65 2.71 -14.76	44.47 3.00 -17.70	48.87 3.62 -16.77	42.13 3.48 -9.91	39.30 3.29 -9.44	35.44 2.85 -8.89	31.04 2.57 -7.06	26.33 2.21 -4.00	23.75 1.87 -2.80
BARON_WINDS____WT_PWR 323822	19.62 0.36 0.00	17.61 0.26 0.00	17.41 0.10 0.00	17.17 -0.03 0.00	17.35 -0.02 0.00	17.92 0.07 0.00	20.24 0.18 0.00	20.81 0.27 0.00	20.40 0.20 0.00	20.09 0.32 0.00	18.95 0.37 0.00	19.35 0.42 0.00	19.86 0.45 0.00	20.79 0.55 0.00	21.71 0.78 0.00	21.89 0.72 0.00	24.47 0.69 0.00	28.89 0.40 0.00	29.20 0.46 0.00	26.89 0.32 0.00	24.28 0.57 0.00	21.82 0.41 0.00	20.38 0.26 0.00	18.96 -0.11 0.00
BARRETT_IC_1 23704	20.53 1.27 0.00	18.46 1.11 0.00	18.31 1.00 0.00	18.19 0.98 0.00	18.34 0.97 0.00	18.90 1.05 0.00	21.42 1.36 0.00	22.32 1.60 -0.17	25.17 1.70 -3.28	25.16 1.68 -3.71	25.83 1.37 -5.88	27.62 1.36 -7.31	28.10 1.44 -7.25	39.45 1.48 -17.73	34.17 1.74 -11.50	37.74 1.80 -14.76	43.45 1.97 -17.70	47.59 2.34 -16.77	40.92 2.27 -9.90	38.13 2.13 -9.44	34.40 1.80 -8.89	30.16 1.69 -7.06	25.58 1.47 -3.99	23.25 1.37 -2.80
BARRETT_IC_10 23701	20.53 1.27 0.00	18.46 1.11 0.00	18.31 1.00 0.00	18.19 0.98 0.00	18.34 0.97 0.00	18.90 1.05 0.00	21.42 1.36 0.00	22.32 1.60 -0.17	25.17 1.70 -3.28	25.16 1.68 -3.71	25.83 1.37 -5.88	27.62 1.36 -7.31	28.10 1.44 -7.25	39.45 1.48 -17.73	34.17 1.74 -11.50	37.74 1.80 -14.76	43.45 1.97 -17.70	47.59 2.34 -16.77	40.92 2.27 -9.90	38.13 2.13 -9.44	34.40 1.80 -8.89	30.16 1.69 -7.06	25.58 1.47 -3.99	23.25 1.37 -2.80
BARRETT_IC_11 23702	20.53 1.27 0.00	18.46 1.11 0.00	18.31 1.00 0.00	18.19 0.98 0.00	18.34 0.97 0.00	18.90 1.05 0.00	21.42 1.36 0.00	22.32 1.60 -0.17	25.17 1.70 -3.28	25.16 1.68 -3.71	25.83 1.37 -5.88	27.62 1.36 -7.31	28.10 1.44 -7.25	39.45 1.48 -17.73	34.17 1.74 -11.50	37.74 1.80 -14.76	43.45 1.97 -17.70	47.59 2.34 -16.77	40.92 2.27 -9.90	38.13 2.13 -9.44	34.40 1.80 -8.89	30.16 1.69 -7.06	25.58 1.47 -3.99	23.25 1.37 -2.80
BARRETT_IC_12 23703	20.53 1.27 0.00	18.46 1.11 0.00	18.31 1.00 0.00	18.19 0.98 0.00	18.34 0.97 0.00	18.90 1.05 0.00	21.42 1.36 0.00	22.32 1.60 -0.17	25.17 1.70 -3.28	25.16 1.68 -3.71	25.83 1.37 -5.88	27.62 1.36 -7.31	28.10 1.44 -7.25	39.45 1.48 -17.73	34.17 1.74 -11.50	37.74 1.80 -14.76	43.45 1.97 -17.70	47.59 2.34 -16.77	40.92 2.27 -9.90	38.13 2.13 -9.44	34.40 1.80 -8.89	30.16 1.69 -7.06	25.58 1.47 -3.99	23.25 1.37 -2.80
BARRETT_IC_2 23705	20.53 1.27 0.00	18.46 1.11 0.00	18.31 1.00 0.00	18.19 0.98 0.00	18.34 0.97 0.00	18.90 1.05 0.00	21.42 1.36 0.00	22.32 1.60 -0.17	25.17 1.70 -3.28	25.16 1.68 -3.71	25.83 1.37 -5.88	27.62 1.36 -7.31	28.10 1.44 -7.25	39.45 1.48 -17.73	34.17 1.74 -11.50	37.74 1.80 -14.76	43.45 1.97 -17.70	47.59 2.34 -16.77	40.92 2.27 -9.90	38.13 2.13 -9.44	34.40 1.80 -8.89	30.16 1.69 -7.06	25.58 1.47 -3.99	23.25 1.37 -2.80
BARRETT_IC_3 23706	20.53 1.27 0.00	18.46 1.11 0.00	18.31 1.00 0.00	18.19 0.98 0.00	18.34 0.97 0.00	18.90 1.05 0.00	21.42 1.36 0.00	22.32 1.60 -0.17	25.17 1.70 -3.28	25.16 1.68 -3.71	25.83 1.37 -5.88	27.62 1.36 -7.31	28.10 1.44 -7.25	39.45 1.48 -17.73	34.17 1.74 -11.50	37.74 1.80 -14.76	43.45 1.97 -17.70	47.59 2.34 -16.77	40.92 2.27 -9.90	38.13 2.13 -9.44	34.40 1.80 -8.89	30.16 1.69 -7.06	25.58 1.47 -3.99	23.25 1.37 -2.80
BARRETT_IC_4 23707	20.53 1.27 0.00	18.46 1.11 0.00	18.31 1.00 0.00	18.19 0.98 0.00	18.34 0.97 0.00	18.90 1.05 0.00	21.42 1.36 0.00	22.32 1.60 -0.17	25.17 1.70 -3.28	25.16 1.68 -3.71	25.83 1.37 -5.88	27.62 1.36 -7.31	28.10 1.44 -7.25	39.45 1.48 -17.73	34.17 1.74 -11.50	37.74 1.80 -14.76	43.45 1.97 -17.70	47.59 2.34 -16.77	40.92 2.27 -9.90	38.13 2.13 -9.44	34.40 1.80 -8.89	30.16 1.69 -7.06	25.58 1.47 -3.99	23.25 1.37 -2.80
BARRETT_IC_5 23708	20.53 1.27 0.00	18.46 1.11 0.00	18.31 1.00 0.00	18.19 0.98 0.00	18.34 0.97 0.00	18.90 1.05 0.00	21.42 1.36 0.00	22.32 1.60 -0.17	25.17 1.70 -3.28	25.16 1.68 -3.71	25.83 1.37 -5.88	27.62 1.36 -7.31	28.10 1.44 -7.25	39.45 1.48 -17.73	34.17 1.74 -11.50	37.74 1.80 -14.76	43.45 1.97 -17.70	47.59 2.34 -16.77	40.92 2.27 -9.90	38.13 2.13 -9.44	34.40 1.80 -8.89	30.16 1.69 -7.06	25.58 1.47 -3.99	23.25 1.37 -2.80
BARRETT_IC_6 23709	20.53 1.27 0.00	18.46 1.11 0.00	18.31 1.00 0.00	18.19 0.98 0.00	18.34 0.97 0.00	18.90 1.05 0.00	21.42 1.36 0.00	22.32 1.60 -0.17	25.17 1.70 -3.28	25.16 1.68 -3.71	25.83 1.37 -5.88	27.62 1.36 -7.31	28.10 1.44 -7.25	39.45 1.48 -17.73	34.17 1.74 -11.50	37.74 1.80 -14.76	43.45 1.97 -17.70	47.59 2.34 -16.77	40.92 2.27 -9.90	38.13 2.13 -9.44	34.40 1.80 -8.89	30.16 1.69 -7.06	25.58 1.47 -3.99	23.25 1.37 -2.80
BARRETT_IC_7 23710	20.58 1.33 0.00	18.46 1.11 0.00	18.38 1.07 0.00	18.19 0.98 0.00	18.34 0.97 0.00	18.90 1.05 0.00	21.40 1.34 0.00	22.34 1.62 -0.17	25.17 1.70 -3.28	25.16 1.68 -3.71	25.83 1.37 -5.88	27.62 1.36 -7.31	28.06 1.40 -7.25	39.45 1.48 -17.73	34.19 1.76 -11.50	37.74 1.80 -14.76	43.45 1.97 -17.70	47.62 2.36 -16.77	40.89 2.24 -9.90	38.16 2.15 -9.44	34.40 1.80 -8.89	30.16 1.69 -7.06	25.64 1.53 -3.99	23.27 1.39 -2.80

BARRETT_IC_8 23711	20.53 1.27 0.00	18.46 1.11 0.00	18.31 1.00 0.00	18.19 0.98 0.00	18.34 0.97 0.00	18.90 1.05 0.00	21.42 1.36 0.00	22.32 1.60 -0.17	25.17 1.70 -3.28	25.16 1.68 -3.71	25.83 1.37 -5.88	27.62 1.36 -7.31	28.10 1.44 -7.25	39.45 1.48 -17.73	34.17 1.74 -11.50	37.74 1.80 -14.76	43.45 1.97 -17.70	47.59 2.34 -16.77	40.92 2.27 -9.90	38.13 2.13 -9.44	34.40 1.80 -8.89	30.16 1.69 -7.06	25.58 1.47 -3.99	23.25 1.37 -2.80
BARRETT_IC_9 23700	20.53 1.27 0.00	18.46 1.11 0.00	18.31 1.00 0.00	18.19 0.98 0.00	18.34 0.97 0.00	18.90 1.05 0.00	21.42 1.36 0.00	22.32 1.60 -0.17	25.17 1.70 -3.28	25.16 1.68 -3.71	25.83 1.37 -5.88	27.62 1.36 -7.31	28.10 1.44 -7.25	39.45 1.48 -17.73	34.17 1.74 -11.50	37.74 1.80 -14.76	43.45 1.97 -17.70	47.59 2.34 -16.77	40.92 2.27 -9.90	38.13 2.13 -9.44	34.40 1.80 -8.89	30.16 1.69 -7.06	25.58 1.47 -3.99	23.25 1.37 -2.80
BARRETT___1 23545	20.53 1.27 0.00	18.46 1.11 0.00	18.31 1.00 0.00	18.19 0.98 0.00	18.34 0.97 0.00	18.90 1.05 0.00	21.42 1.36 0.00	22.32 1.60 -0.17	25.17 1.70 -3.28	25.16 1.68 -3.71	25.83 1.37 -5.88	27.62 1.36 -7.31	28.10 1.44 -7.25	39.45 1.48 -17.73	34.17 1.74 -11.50	37.74 1.80 -14.76	43.45 1.97 -17.70	47.59 2.34 -16.77	40.92 2.27 -9.90	38.13 2.13 -9.44	34.40 1.80 -8.89	30.16 1.69 -7.06	25.58 1.47 -3.99	23.25 1.37 -2.80
BARRETT___2 23546	20.53 1.27 0.00	18.46 1.11 0.00	18.31 1.00 0.00	18.19 0.98 0.00	18.34 0.97 0.00	18.90 1.05 0.00	21.42 1.36 0.00	22.32 1.60 -0.17	25.17 1.70 -3.28	25.16 1.68 -3.71	25.83 1.37 -5.88	27.62 1.36 -7.31	28.10 1.44 -7.25	39.45 1.48 -17.73	34.17 1.74 -11.50	37.74 1.80 -14.76	43.45 1.97 -17.70	47.59 2.34 -16.77	40.92 2.27 -9.90	38.13 2.13 -9.44	34.40 1.80 -8.89	30.16 1.69 -7.06	25.58 1.47 -3.99	23.25 1.37 -2.80
BATAVIA___115KV_TB1 55881	19.68 0.42 0.00	17.67 0.31 0.00	17.24 -0.07 0.00	17.12 -0.09 0.00	17.24 -0.12 0.00	17.87 0.02 0.00	20.16 0.10 0.00	20.75 0.21 0.00	20.32 0.12 0.00	20.03 0.26 0.00	18.95 0.37 0.00	19.37 0.44 0.00	19.82 0.41 0.00	20.81 0.57 0.00	21.67 0.73 0.00	21.83 0.66 0.00	24.28 0.50 0.00	28.63 0.14 0.00	29.06 0.32 0.00	26.75 0.19 0.00	24.18 0.47 0.00	21.69 0.28 0.00	20.34 0.22 0.00	18.94 -0.13 0.00
BAYONEEC___CTG1 323682	20.08 0.83 0.00	18.15 0.80 0.00	18.05 0.74 0.00	18.00 0.79 0.00	18.11 0.75 0.00	18.56 0.71 0.00	20.98 0.92 0.00	21.76 1.21 0.00	21.51 1.31 0.00	21.10 1.32 0.00	19.73 1.15 0.00	20.15 1.21 0.00	20.72 1.30 0.00	21.62 1.38 0.00	22.57 1.63 0.00	22.85 1.67 0.00	25.63 1.86 0.00	30.71 2.22 0.00	30.75 2.01 0.00	28.48 1.91 0.00	25.25 1.54 0.00	22.91 1.50 0.00	21.30 1.19 0.00	20.10 1.03 0.00
BAYONEEC___CTG10 323750	20.08 0.83 0.00	18.15 0.80 0.00	18.05 0.74 0.00	18.00 0.79 0.00	18.11 0.75 0.00	18.56 0.71 0.00	20.98 0.92 0.00	21.76 1.21 0.00	21.51 1.31 0.00	21.10 1.32 0.00	19.73 1.15 0.00	20.15 1.21 0.00	20.72 1.30 0.00	21.62 1.38 0.00	22.57 1.63 0.00	22.85 1.67 0.00	25.63 1.86 0.00	30.71 2.22 0.00	30.75 2.01 0.00	28.48 1.91 0.00	25.25 1.54 0.00	22.91 1.50 0.00	21.30 1.19 0.00	20.10 1.03 0.00
BAYONEEC___CTG2 323683	20.08 0.83 0.00	18.15 0.80 0.00	18.05 0.74 0.00	18.00 0.79 0.00	18.11 0.75 0.00	18.56 0.71																		

BEACON___LESR 323632	19.76 0.50 0.00	17.86 0.50 0.00	17.84 0.54 0.00	17.78 0.57 0.00	17.92 0.56 0.00	18.44 0.59 0.00	20.72 0.66 0.00	21.22 0.68 0.00	20.90 0.71 0.00	20.41 0.63 0.00	19.13 0.56 0.00	19.49 0.55 0.00	20.02 0.60 0.00	20.83 0.59 0.00	21.67 0.73 0.00	21.91 0.74 0.00	24.66 0.88 0.00	29.77 1.28 0.00	30.06 1.32 0.00	27.84 1.28 0.00	24.82 1.11 0.00	22.40 0.99 0.00	20.82 0.70 0.00	19.72 0.65 0.00
BEAVER RIVER___HYD 24048	19.06 -0.19 0.00	17.16 -0.19 0.00	17.10 -0.21 0.00	16.98 -0.22 0.00	17.19 -0.17 0.00	17.72 -0.12 0.00	19.92 -0.14 0.00	20.42 -0.12 0.00	19.97 -0.22 0.00	19.50 -0.28 0.00	18.34 -0.24 0.00	18.67 -0.27 0.00	19.09 -0.33 0.00	19.96 -0.28 0.00	20.66 -0.27 0.00	20.92 -0.25 0.00	23.61 -0.17 0.00	28.40 -0.09 0.00	28.74 0.00 0.00	26.46 -0.11 0.00	23.57 -0.14 0.00	21.22 -0.19 0.00	19.94 -0.18 0.00	18.92 -0.15 0.00
BEEBEE_GT_13 23619	19.39 0.13 0.00	17.41 0.05 0.00	17.10 -0.21 0.00	16.98 -0.22 0.00	17.17 -0.19 0.00	17.71 -0.14 0.00	20.00 -0.06 0.00	20.57 0.02 0.00	20.18 -0.02 0.00	19.85 0.08 0.00	18.74 0.17 0.00	19.15 0.21 0.00	19.61 0.19 0.00	20.53 0.28 0.00	21.31 0.38 0.00	21.49 0.32 0.00	23.99 0.21 0.00	28.43 -0.06 0.00	28.80 0.06 0.00	26.54 -0.03 0.00	23.92 0.21 0.00	21.50 0.09 0.00	20.18 0.06 0.00	18.88 -0.19 0.00
BENSHRST_27_KV_BENSHRST_1 355998	20.37 1.12 0.00	18.27 0.92 0.00	18.31 1.00 0.00	18.12 0.91 0.00	18.21 0.85 0.00	18.53 0.68 0.00	20.84 0.78 0.00	21.70 1.15 0.00	21.51 1.31 0.00	21.16 1.38 0.00	19.75 1.17 0.00	20.17 1.23 0.00	20.72 1.30 0.00	21.70 1.46 0.00	22.74 1.80 0.00	23.02 1.84 0.00	25.85 2.07 0.00	30.99 2.51 0.00	31.01 2.27 0.00	28.69 2.13 0.00	25.23 1.52 0.00	22.91 1.50 0.00	21.34 1.23 0.00	20.18 1.11 0.00
BETHLEHEM___GRP 23843	19.49 0.23 0.00	17.60 0.24 0.00	17.60 0.29 0.00	17.53 0.33 0.00	17.68 0.31 0.00	18.19 0.34 0.00	20.38 0.32 0.00	20.88 0.33 0.00	20.56 0.36 0.00	20.05 0.28 0.00	18.86 0.28 0.00	19.20 0.27 0.00	19.69 0.27 0.00	20.49 0.24 0.00	21.31 0.38 0.00	21.55 0.38 0.00	24.21 0.43 0.00	29.17 0.68 0.00	29.43 0.69 0.00	27.28 0.72 0.00	24.30 0.59 0.00	21.97 0.56 0.00	20.44 0.32 0.00	19.38 0.31 0.00
BETHLEHEM___GS1 323560	19.47 0.21 0.00	17.60 0.24 0.00	17.60 0.29 0.00	17.53 0.33 0.00	17.68 0.31 0.00	18.19 0.34 0.00	20.38 0.32 0.00	20.87 0.33 0.00	20.56 0.36 0.00	20.09 0.32 0.00	18.86 0.28 0.00	19.20 0.27 0.00	19.71 0.29 0.00	20.49 0.24 0.00	21.31 0.38 0.00	21.55 0.38 0.00	24.21 0.43 0.00	29.17 0.68 0.00	29.43 0.69 0.00	27.28 0.72 0.00	24.30 0.59 0.00	21.95 0.54 0.00	20.44 0.32 0.00	19.36 0.29 0.00
BETHLEHEM___GS2 323561	19.47 0.21 0.00	17.60 0.24 0.00	17.60 0.29 0.00	17.53 0.33 0.00	17.68 0.31 0.00	18.19 0.34 0.00	20.38 0.32 0.00	20.87 0.33 0.00	20.56 0.36 0.00	20.09 0.32 0.00	18.86 0.28 0.00	19.20 0.27 0.00	19.71 0.29 0.00	20.49 0.24 0.00	21.31 0.38 0.00	21.55 0.38 0.00	24.21 0.43 0.00	29.17 0.68 0.00	29.43 0.69 0.00	27.28 0.72 0.00	24.30 0.59 0.00	21.95 0.54 0.00	20.44 0.32 0.00	19.36 0.29 0.00
BETHLEHEM___GS3 323562	19.47 0.21 0.00	17.60 0.24 0.00	17.60 0.29 0.00	17.53 0.33 0.00	17.68 0.31 0.00	18.19 0.34 0.00	20.38 0.32 0.00	20.87 0.33 0.00	20.56 0.36 0.00	20.09 0.32 0.00	18.86 0.28 0.00	19.20 0.27 0.00	19.71 0.29 0.00	20.49 0.24 0.00	21.31 0.38 0.00	21.55 0.38 0.00	24.21 0.43 0.00	29.17 0.68 0.00	29.43 0.69 0.00	27.28 0.72 0.00	24.30 0.59 0.00	21.95 0.54 0.00	20.44 0.32 0.00	19.36 0.29 0.00
BETHLEHEM___STEEL 23779	19.54 0.29 0.00	17.51 0.16 0.00	17.08 -0.22 0.00	16.97 -0.24 0.00	17.12 -0.24 0.00	17.72 -0.12 0.00	20.02 -0.04 0.00	20.59 0.04 0.00	20.18 -0.02 0.00	19.89 0.12 0.00	18.84 0.26 0.00	19.28 0.34 0.00	19.73 0.31 0.00	20.73 0.49 0.00	21.59 0.65 0.00	21.75 0.57 0.00	24.18 0.40 0.00	28.37 -0.11 0.00	28.74 0.00 0.00	26.43 -0.13 0.00	23.97 0.26 0.00	21.50 0.09 0.00	20.16 0.04 0.00	18.73 -0.34 0.00
BETHLHEM_115KV_TB1 79974	19.54 0.29 0.00	17.65 0.30 0.00	17.65 0.35 0.00	17.59 0.38 0.00	17.73 0.36 0.00	18.22 0.37 0.00	20.44 0.38 0.00	20.94 0.39 0.00	20.62 0.42 0.00	20.11 0.34 0.00	18.91 0.33 0.00	19.26 0.32 0.00	19.75 0.33 0.00	20.55 0.30 0.00	21.38 0.44 0.00	21.62 0.44 0.00	24.28 0.50 0.00	29.26 0.77 0.00	29.52 0.78 0.00	27.34 0.77 0.00	24.37 0.66 0.00	22.04 0.62 0.00	20.50 0.38 0.00	19.44 0.36 0.00
BETHPAGE_CC_5 323564	20.68 1.42 0.00	18.60 1.25 0.00	18.45 1.14 0.00	18.29 1.08 0.00	18.48 1.11 0.00	19.04 1.20 0.00	21.58 1.52 0.00	22.54 1.83 -0.17	25.40 1.92 -3.28	25.38 1.90 -3.71	26.11 1.65 -5.88	27.94 1.68 -7.32	28.41 1.75 -7.25	39.82 1.84 -17.73	34.53 2.09 -11.50	37.99 2.05 -14.76	43.74 2.26 -17.70	47.99 2.74 -16.77	41.24 2.59 -9.91	38.43 2.42 -9.44	34.71 2.11 -8.89	30.53 2.06 -7.06	25.93 1.81 -4.00	23.46 1.58 -2.80
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.58 0.33 0.00	17.54 0.19 0.00	17.10 -0.21 0.00	16.98 -0.22 0.00	17.14 -0.23 0.00	17.76 -0.09 0.00	20.06 0.00 0.00	20.63 0.08 0.00	20.22 0.02 0.00	19.95 0.18 0.00	18.89 0.32 0.00	19.34 0.40 0.00	19.78 0.37 0.00	20.77 0.53 0.00	21.65 0.71 0.00	21.81 0.64 0.00	24.25 0.48 0.00	28.49 0.00 0.00	28.83 0.09 0.00	26.51 -0.05 0.00	24.02 0.31 0.00	21.57 0.15 0.00	20.20 0.08 0.00	18.77 -0.31 0.00
BINGHAMTON___COGEN 23790	19.56 0.31 0.00	17.58 0.23 0.00	17.44 0.14 0.00	17.35 0.14 0.00	17.50 0.14 0.00	18.03 0.18 0.00	20.30 0.24 0.00	20.81 0.27 0.00	20.44 0.24 0.00	20.05 0.28 0.00	18.86 0.28 0.00	19.24 0.30 0.00	19.73 0.31 0.00	20.63 0.38 0.00	21.46 0.52 0.00	21.68 0.51 0.00	24.30 0.52 0.00	28.94 0.46 0.00	29.23 0.49 0.00	26.96 0.40 0.00	24.21 0.50 0.00	21.80 0.39 0.00	20.40 0.28 0.00	19.21 0.13 0.00
BIXINCNT_115KV_LOAD 355685	19.78 0.52 0.00	17.67 0.31 0.00	17.24 -0.07 0.00	17.09 -0.12 0.00	17.24 -0.12 0.00	17.87 0.02 0.00	20.20 0.14 0.00	20.81 0.27 0.00	20.40 0.20 0.00	20.15 0.38 0.00	19.08 0.50 0.00	19.53 0.59 0.00	20.00 0.58 0.00	21.01 0.77 0.00	21.92 0.98 0.00	22.08 0.91 0.00	24.59 0.81 0.00	28.86 0.37 0.00	29.17 0.43 0.00	26.86 0.29 0.00	24.28 0.57 0.00	21.76 0.34 0.00	20.20 0.08 0.00	18.79 -0.29 0.00
BLACK RIVER___HYD 24047	19.18 -0.08 0.00	17.27 -0.09 0.00	17.20 -0.10 0.00	17.07 -0.14 0.00	17.29 -0.07 0.00	17.85 0.00 0.00	20.10 0.04 0.00	20.59 0.04 0.00	20.12 -0.08 0.00	19.61 -0.16 0.00	18.43 -0.15 0.00	18.77 -0.17 0.00	19.22 -0.19 0.00	20.08 -0.16 0.00	20.83 -0.10 0.00	21.09 -0.08 0.00	23.83 0.05 0.00	28.69 0.20 0.00	29.06 0.32 0.00	26.75 0.19 0.00	23.80 0.10 0.00	21.39 -0.02 0.00	20.08 -0.04 0.00	19.04 -0.04 0.00

BLACKRVR_115KV_TB2 79977	19.16 -0.10 0.00	17.27 -0.09 0.00	17.18 -0.12 0.00	17.07 -0.14 0.00	17.29 -0.07 0.00	17.85 0.00 0.00	20.10 0.04 0.00	20.59 0.04 0.00	20.12 -0.08 0.00	19.64 -0.14 0.00	18.43 -0.15 0.00	18.77 -0.17 0.00	19.24 -0.17 0.00	20.08 -0.16 0.00	20.83 -0.10 0.00	21.09 -0.08 0.00	23.83 0.05 0.00	28.69 0.20 0.00	29.06 0.32 0.00	26.75 0.19 0.00	23.80 0.09 0.00	21.39 -0.02 0.00	20.08 -0.04 0.00	19.04 -0.04 0.00
BLISS_WT_PWR 323608	19.76 0.50 0.00	17.67 0.31 0.00	17.39 0.09 0.00	17.09 -0.12 0.00	17.24 -0.12 0.00	17.87 0.02 0.00	20.20 0.14 0.00	20.83 0.29 0.00	20.42 0.22 0.00	20.17 0.40 0.00	19.12 0.54 0.00	19.54 0.61 0.00	20.08 0.66 0.00	21.05 0.81 0.00	22.00 1.07 0.00	22.13 0.95 0.00	24.61 0.83 0.00	28.91 0.43 0.00	29.20 0.46 0.00	26.89 0.32 0.00	24.30 0.59 0.00	21.78 0.36 0.00	20.18 0.06 0.00	18.73 -0.34 0.00
BLUESTONE___WT_PWR 323821	20.35 1.10 0.00	18.31 0.95 0.00	18.19 0.88 0.00	18.09 0.88 0.00	18.32 0.96 0.00	18.90 1.05 0.00	21.30 1.24 0.00	21.84 1.29 0.00	21.33 1.13 0.00	20.84 1.07 0.00	19.53 0.95 0.00	19.90 0.97 0.00	20.45 1.03 0.00	21.44 1.19 0.00	22.40 1.47 0.00	22.68 1.50 0.00	25.54 1.76 0.00	30.65 2.16 0.00	30.98 2.24 0.00	28.53 1.97 0.00	25.49 1.78 0.00	22.89 1.48 0.00	21.39 1.27 0.00	20.14 1.07 0.00
BLUE_CIRC_CHEM_DRP 24182	19.85 0.60 0.00	17.91 0.56 0.00	17.91 0.61 0.00	17.84 0.64 0.00	17.99 0.63 0.00	18.47 0.62 0.00	20.72 0.66 0.00	21.23 0.68 0.00	20.90 0.71 0.00	20.37 0.59 0.00	19.14 0.56 0.00	19.49 0.55 0.00	19.96 0.54 0.00	20.83 0.59 0.00	21.67 0.73 0.00	21.89 0.72 0.00	24.61 0.83 0.00	29.65 1.17 0.00	29.95 1.21 0.00	27.74 1.17 0.00	24.73 1.02 0.00	22.34 0.92 0.00	20.82 0.70 0.00	19.70 0.63 0.00
BOC_GAS_DRP 24189	19.72 0.46 0.00	17.77 0.42 0.00	17.79 0.48 0.00	17.71 0.50 0.00	17.85 0.49 0.00	18.33 0.48 0.00	20.58 0.52 0.00	21.08 0.53 0.00	20.76 0.57 0.00	20.27 0.49 0.00	19.02 0.45 0.00	19.39 0.45 0.00	19.86 0.45 0.00	20.73 0.49 0.00	21.54 0.61 0.00	21.79 0.61 0.00	24.47 0.69 0.00	29.43 0.94 0.00	29.66 0.92 0.00	27.50 0.93 0.00	24.52 0.81 0.00	22.16 0.75 0.00	20.66 0.54 0.00	19.57 0.50 0.00
BOONVILLE_115KV_TB1 79983	19.49 0.23 0.00	17.56 0.21 0.00	17.50 0.19 0.00	17.40 0.19 0.00	17.59 0.23 0.00	18.12 0.27 0.00	20.38 0.32 0.00	20.83 0.29 0.00	20.42 0.22 0.00	19.95 0.18 0.00	18.73 0.15 0.00	19.09 0.15 0.00	19.57 0.16 0.00	20.45 0.20 0.00	21.21 0.27 0.00	21.45 0.28 0.00	24.16 0.38 0.00	29.00 0.51 0.00	29.32 0.57 0.00	27.02 0.45 0.00	24.09 0.38 0.00	21.72 0.30 0.00	20.36 0.24 0.00	19.32 0.25 0.00
BORALEX_4TH_BRANCH 23824	20.20 0.94 0.00	18.25 0.90 0.00	18.24 0.93 0.00	18.15 0.95 0.00	18.30 0.94 0.00	18.83 0.98 0.00	21.18 1.12 0.00	21.57 1.03 0.00	21.27 1.07 0.00	20.70 0.93 0.00	19.41 0.84 0.00	19.79 0.85 0.00	20.27 0.85 0.00	21.13 0.89 0.00	21.98 1.05 0.00	22.23 1.06 0.00	24.92 1.14 0.00	30.14 1.65 0.00	30.47 1.72 0.00	28.27 1.70 0.00	25.16 1.45 0.00	22.77 1.35 0.00	21.18 1.07 0.00	20.12 1.05 0.00
BOWLINE___1 23526	20.01 0.75 0.00	18.05 0.69 0.00	17.96 0.66 0.00	17.90 0.69 0.00	18.01 0.64 0.00	18.51 0.66 0.00	20.88 0.82 0.00	21.55 1.01 0.00	21.27 1.07 0.00	20.86 1.09 0.00	19.52 0.95 0.00	19.90 0.97 0.00	20.46 1.05 0.00	21.36 1.11 0.00	22.28 1.34 0.00	22.55 1.38 0.00	25.30 1.52 0.00	30.34 1.85 0.00	30.44 1.70 0.00	28.16 1.59 0.00	25.06 1.35 0.00	22.74 1.33 0.00	21.12 1.01 0.00	19.93 0.86 0.00
BOWLINE___2 23595	20.01 0.75 0.00	18.05 0.69 0.00	17.96 0.66 0.00	17.90 0.69 0.00	18.01 0.64 0.00	18.51 0.66 0.00	20.88 0.82 0.00	21.55 1.01 0.00	21.27 1.07 0.00	20.86 1.09 0.00	19.52 0.95 0.00	19.92 0.98 0.00	20.46 1.05 0.00	21.36 1.11 0.00	22.28 1.34 0.00	22.55 1.38 0.00	25.30 1.52 0.00	30.34 1.85 0.00	30.44 1.70 0.00	28.16 1.59 0.00	25.06 1.35 0.00	22.74 1.33 0.00	21.12 1.01 0.00	19.93 0.86 0.00
BRADY___115KV_TB2 356060	18.99 -0.27 0.00	17.23 -0.12 0.00	17.18 -0.12 0.00	17.05 -0.15 0.00	17.24 -0.12 0.00	17.78 -0.07 0.00	19.78 -0.28 0.00	20.30 -0.25 0.00	19.87 -0.32 0.00	19.46 -0.32 0.00	18.37 -0.20 0.00	18.71 -0.23 0.00	19.22 -0.19 0.00	19.96 -0.28 0.00	20.52 -0.42 0.00	20.77 -0.40 0.00	23.47 -0.31 0.00	28.09 -0.40 0.00	28.37 -0.37 0.00	26.19 -0.37 0.00	23.31 -0.40 0.00	21.03 -0.39 0.00	19.86 -0.26 0.00	19.00 -0.08 0.00
BRANSCOMB___SOLAR 323811	19.95 0.69 0.00	18.01 0.66 0.00	17.96 0.66 0.00	17.88 0.67 0.00	18.04 0.68 0.00	18.56 0.71 0.00	20.88 0.82 0.00	21.37 0.82 0.00	21.23 1.03 0.00	20.62 0.85 0.00	19.34 0.76 0.00	19.68 0.74 0.00	20.21 0.80 0.00	21.07 0.83 0.00	21.92 0.98 0.00	22.17 1.00 0.00	24.94 1.16 0.00	30.11 1.62 0.00	30.52 1.78 0.00	28.32 1.75 0.00	25.25 1.54 0.00	22.79 1.37 0.00	21.20 1.09 0.00	20.05 0.97 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	20.99 1.73 0.00	18.81 1.46 0.00	18.71 1.40 0.00	18.48 1.27 0.00	18.67 1.30 0.00	19.26 1.41 0.00	21.84 1.79 0.00	22.87 2.16 -0.17	25.70 2.22 -3.28	25.68 2.19 -3.71	26.35 1.89 -5.88	28.20 1.95 -7.32	28.65 1.98 -7.25	40.16 2.19 -17.73	34.95 2.51 -11.50	38.52 2.58 -14.76	44.33 2.85 -17.70	48.73 3.48 -16.77	41.98 3.33 -9.91	39.17 3.16 -9.44	35.33 2.73 -8.89	30.92 2.44 -7.06	26.23 2.11 -4.00	23.65 1.77 -2.80
BRISTLHL_115KV_TB1 79998	19.16 -0.10 0.00	17.21 -0.14 0.00	17.13 -0.17 0.00	17.02 -0.19 0.00	17.19 -0.17 0.00	17.69 -0.16 0.00	19.92 -0.14 0.00	20.30 -0.25 0.00	19.91 -0.28 0.00	19.52 -0.26 0.00	18.35 -0.22 0.00	18.73 -0.21 0.00	19.18 -0.23 0.00	19.98 -0.26 0.00	20.69 -0.25 0.00	20.92 -0.25 0.00	23.47 -0.31 0.00	28.09 -0.40 0.00	28.37 -0.37 0.00	26.19 -0.37 0.00	23.43 -0.28 0.00	21.12 -0.30 0.00	19.86 -0.26 0.00	18.90 -0.17 0.00
BROOKHAVEN___DRP 24191	21.05 1.79 0.00	18.88 1.53 0.00	18.76 1.45 0.00	18.53 1.33 0.00	18.72 1.35 0.00	19.33 1.48 0.00	21.88 1.83 0.00	22.95 2.24 -0.17	25.82 2.34 -3.28	25.78 2.29 -3.71	26.41 1.95 -5.88	28.30 2.05 -7.31	28.70 2.04 -7.25	40.22 2.25 -17.73	35.01 2.58 -11.50	38.58 2.65 -14.76	44.38 2.90 -17.70	48.82 3.56 -16.77	42.10 3.45 -9.91	39.30 3.29 -9.44	35.44 2.85 -8.89	31.00 2.53 -7.06	26.31 2.19 -4.00	23.69 1.81 -2.80
BROOKLYN_NAVY_YARD 23515	20.08 0.83 0.00	18.13 0.78 0.00	18.03 0.73 0.00	17.98 0.78 0.00	18.09 0.73 0.00	18.56 0.71 0.00	20.96 0.90 0.00	21.78 1.23 0.00	21.53 1.33 0.00	21.12 1.35 0.00	19.73 1.15 0.00	20.13 1.19 0.00	20.72 1.30 0.00	21.60 1.36 0.00	22.57 1.63 0.00	22.85 1.67 0.00	25.63 1.86 0.00	30.71 2.22 0.00	30.78 2.04 0.00	28.48 1.91 0.00	25.25 1.54 0.00	22.89 1.48 0.00	21.30 1.19 0.00	20.10 1.03 0.00



BROOKLYN___ARMY_DRP 323595	20.30 1.04 0.00	18.22 0.87 0.00	18.24 0.93 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.62 1.07 0.00	21.43 1.23 0.00	21.06 1.29 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.60 1.36 0.00	22.61 1.67 0.00	22.89 1.72 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.10 1.03 0.00
BROOKVLE_69_KV_TB1 55790	20.58 1.33 0.00	18.48 1.13 0.00	18.41 1.11 0.00	18.24 1.03 0.00	18.39 1.02 0.00	18.94 1.09 0.00	21.42 1.36 0.00	22.36 1.64 -0.17	25.21 1.74 -3.28	25.20 1.72 -3.71	25.98 1.52 -5.88	27.82 1.57 -7.31	28.28 1.61 -7.25	39.74 1.76 -17.73	34.44 2.01 -11.50	37.95 2.01 -14.76	43.71 2.24 -17.70	47.93 2.68 -16.77	41.18 2.53 -9.90	38.40 2.39 -9.44	34.61 2.02 -8.89	30.44 1.97 -7.06	25.74 1.63 -4.00	23.29 1.41 -2.80
BROOME_2_LFGE 323671	19.55 0.29 0.00	17.58 0.23 0.00	17.48 0.17 0.00	17.33 0.12 0.00	17.50 0.14 0.00	18.03 0.18 0.00	20.30 0.24 0.00	20.81 0.27 0.00	20.44 0.24 0.00	20.07 0.30 0.00	18.86 0.28 0.00	19.24 0.30 0.00	19.75 0.33 0.00	20.63 0.38 0.00	21.46 0.52 0.00	21.68 0.51 0.00	24.30 0.52 0.00	28.94 0.45 0.00	29.23 0.49 0.00	26.97 0.40 0.00	24.18 0.47 0.00	21.82 0.41 0.00	20.40 0.28 0.00	19.21 0.13 0.00
BROOME___LFGE 323600	19.55 0.29 0.00	17.58 0.23 0.00	17.48 0.17 0.00	17.33 0.12 0.00	17.50 0.14 0.00	18.03 0.18 0.00	20.30 0.24 0.00	20.81 0.27 0.00	20.44 0.24 0.00	20.07 0.30 0.00	18.86 0.28 0.00	19.24 0.30 0.00	19.75 0.33 0.00	20.63 0.38 0.00	21.46 0.52 0.00	21.68 0.51 0.00	24.30 0.52 0.00	28.94 0.45 0.00	29.23 0.49 0.00	26.97 0.40 0.00	24.18 0.47 0.00	21.82 0.41 0.00	20.40 0.28 0.00	19.21 0.13 0.00
BROWNFLS_115KV_TB_3_5 80003	18.79 -0.46 0.00	16.99 -0.36 0.00	16.92 -0.38 0.00	16.81 -0.40 0.00	17.02 -0.35 0.00	17.54 -0.30 0.00	19.62 -0.44 0.00	20.12 -0.43 0.00	19.69 -0.50 0.00	19.24 -0.53 0.00	18.13 -0.45 0.00	18.46 -0.47 0.00	18.93 -0.49 0.00	19.68 -0.57 0.00	20.31 -0.63 0.00	20.56 -0.61 0.00	23.23 -0.55 0.00	27.89 -0.60 0.00	28.20 -0.55 0.00	25.98 -0.58 0.00	23.12 -0.59 0.00	20.90 -0.51 0.00	19.68 -0.44 0.00	18.77 -0.31 0.00
BROWNSV1_27_KV_LOAD 356125	20.31 1.06 0.00	18.27 0.92 0.00	18.27 0.97 0.00	18.12 0.91 0.00	18.23 0.87 0.00	18.69 0.84 0.00	21.12 1.06 0.00	21.92 1.38 0.00	21.69 1.49 0.00	21.28 1.50 0.00	19.90 1.32 0.00	20.30 1.36 0.00	20.83 1.42 0.00	21.80 1.56 0.00	22.80 1.86 0.00	23.06 1.88 0.00	25.87 2.09 0.00	30.99 2.51 0.00	31.04 2.30 0.00	28.74 2.18 0.00	25.46 1.75 0.00	23.11 1.69 0.00	21.49 1.37 0.00	20.24 1.16 0.00
BURROWS___LYONSDAL 23803	19.39 0.13 0.00	17.47 0.12 0.00	17.41 0.10 0.00	17.31 0.10 0.00	17.50 0.14 0.00	18.04 0.20 0.00	20.30 0.24 0.00	20.75 0.21 0.00	20.32 0.12 0.00	19.85 0.08 0.00	18.65 0.07 0.00	19.00 0.06 0.00	19.49 0.08 0.00	20.34 0.10 0.00	21.10 0.17 0.00	21.34 0.17 0.00	24.06 0.29 0.00	28.89 0.40 0.00	29.20 0.46 0.00	26.91 0.35 0.00	23.97 0.26 0.00	21.61 0.19 0.00	20.26 0.14 0.00	19.25 0.17 0.00
CAITHNESS_CC_1 323624	20.91 1.66 0.00	18.83 1.47 0.00	18.64 1.33 0.00	18.46 1.26 0.00	18.67 1.30 0.00	19.26 1.41 0.00	21.82 1.77 0.00	22.87 2.16 -0.17	25.72 2.24 -3.28	25.70 2.21 -3.71	26.33 1.88 -5.88	28.22 1.97 -7.31	28.68 2.02 -7.25	40.16 2.19 -17.73	34.97 2.53 -11.50	38.56 2.62 -14.76	44.38 2.90 -17.70	48.82 3.56 -16.77	42.04 3.39 -9.91	39.17 3.16 -9.44	35.37 2.77 -8.89	31.02 2.55 -7.06	26.33 2.21 -4.00	23.71 1.83 -2.80
CALPINE BETH_PAGE_GT4 24209	20.74 1.48 0.00	18.60 1.25 0.00	18.50 1.19 0.00	18.29 1.08 0.00	18.46 1.09 0.00	19.04 1.20 0.00	21.56 1.50 0.00	22.54 1.83 -0.17	25.38 1.90 -3.28	25.36 1.88 -3.71	26.09 1.63 -5.88	27.94 1.69 -7.32	28.32 1.65 -7.25	39.76 1.78 -17.73	34.53 2.09 -11.50	37.99 2.05 -14.76	43.71 2.24 -17.70	47.93 2.68 -16.77	41.18 2.53 -9.91	38.40 2.39 -9.44	34.64 2.04 -8.89	30.49 2.01 -7.06	25.92 1.81 -4.00	23.42 1.55 -2.80
CALPINE_BETH_PAGE_GT_4 323586	20.68 1.42 0.00	18.60 1.25 0.00	18.43 1.12 0.00	18.29 1.08 0.00	18.46 1.09 0.00	19.04 1.20 0.00	21.56 1.51 0.00	22.54 1.83 -0.17	25.38 1.90 -3.28	25.38 1.90 -3.71	26.09 1.64 -5.88	27.94 1.68 -7.32	28.35 1.69 -7.25	39.76 1.78 -17.73	34.49 2.05 -11.50	37.93 1.99 -14.76	43.69 2.21 -17.70	47.93 2.68 -16.77	41.15 2.50 -9.91	38.37 2.36 -9.44	34.64 2.04 -8.89	30.49 2.01 -7.06	25.86 1.75 -4.00	23.44 1.56 -2.80
CALPINE_BP_GT1 23823	20.68 1.42 0.00	18.60 1.25 0.00	18.43 1.12 0.00	18.29 1.08 0.00	18.46 1.09 0.00	19.04 1.20 0.00	21.56 1.51 0.00	22.54 1.83 -0.17	25.38 1.90 -3.28	25.38 1.90 -3.71	26.09 1.64 -5.88	27.94 1.68 -7.32	28.35 1.69 -7.25	39.76 1.78 -17.73	34.49 2.05 -11.50	37.93 1.99 -14.76	43.69 2.21 -17.70	47.93 2.68 -16.77	41.15 2.50 -9.91	38.37 2.36 -9.44	34.64 2.04 -8.89	30.49 2.01 -7.06	25.86 1.75 -4.00	23.44 1.56 -2.80
CALSPAN___DRP 24200	19.54 0.29 0.00	17.51 0.16 0.00	17.08 -0.22 0.00	16.97 -0.24 0.00	17.12 -0.24 0.00	17.72 -0.12 0.00	20.02 -0.04 0.00	20.59 0.04 0.00	20.18 -0.02 0.00	19.89 0.12 0.00	18.84 0.26 0.00	19.28 0.34 0.00	19.73 0.31 0.00	20.73 0.49 0.00	21.59 0.65 0.00	21.75 0.57 0.00	24.18 0.40 0.00	28.37 -0.11 0.00	28.74 0.00 0.00	26.43 -0.13 0.00	23.97 0.26 0.00	21.50 0.09 0.00	20.16 0.04 0.00	18.73 -0.34 0.00
CALVERTON___SOLAR 323806	21.07 1.81 0.00	18.97 1.61 0.00	18.78 1.47 0.00	18.60 1.39 0.00	18.79 1.42 0.00	19.40 1.55 0.00	21.98 1.93 0.00	23.04 2.32 -0.17	25.92 2.44 -3.28	25.88 2.39 -3.71	26.48 2.03 -5.88	28.39 2.14 -7.31	28.86 2.19 -7.25	40.34 2.37 -17.73	35.18 2.74 -11.50	38.80 2.86 -14.76	44.64 3.16 -17.70	49.16 3.90 -16.77	42.36 3.71 -9.91	39.46 3.45 -9.44	35.63 3.04 -8.89	31.26 2.78 -7.06	26.53 2.41 -4.00	23.88 2.00 -2.80
CANDIGU_WT_PWR 323617	19.62 0.36 0.00	17.61 0.26 0.00	17.41 0.10 0.00	17.17 -0.03 0.00	17.35 -0.02 0.00	17.92 0.07 0.00	20.24 0.18 0.00	20.81 0.27 0.00	20.40 0.20 0.00	20.09 0.32 0.00	18.95 0.37 0.00	19.35 0.42 0.00	19.86 0.45 0.00	20.79 0.55 0.00	21.71 0.78 0.00	21.89 0.72 0.00	24.47 0.69 0.00	28.89 0.40 0.00	29.20 0.46 0.00	26.89 0.32 0.00	24.28 0.57 0.00	21.82 0.41 0.00	20.38 0.26 0.00	18.96 -0.11 0.00
CARR STREET_E_SYR 24060	19.20 -0.06 0.00	17.27 -0.09 0.00	17.19 -0.12 0.00	17.07 -0.14 0.00	17.24 -0.12 0.00	17.72 -0.12 0.00	19.98 -0.08 0.00	20.42 -0.12 0.00	20.03 -0.16 0.00	19.64 -0.14 0.00	18.47 -0.11 0.00	18.84 -0.09 0.00	19.34 -0.08 0.00	20.12 -0.12 0.00	20.85 -0.08 0.00	21.09 -0.08 0.00	23.66 -0.12 0.00	28.26 -0.23 0.00	28.54 -0.20 0.00	26.35 -0.21 0.00	23.57 -0.14 0.00	21.27 -0.15 0.00	19.98 -0.14 0.00	18.94 -0.13 0.00

CARTHAGE___PAPER 23857	19.06 -0.19 0.00	17.16 -0.19 0.00	17.10 -0.21 0.00	16.98 -0.22 0.00	17.21 -0.16 0.00	17.74 -0.11 0.00	19.96 -0.10 0.00	20.49 -0.06 0.00	20.01 -0.18 0.00	19.52 -0.26 0.00	18.36 -0.22 0.00	18.67 -0.27 0.00	19.10 -0.31 0.00	19.98 -0.26 0.00	20.71 -0.23 0.00	20.96 -0.21 0.00	23.66 -0.12 0.00	28.49 0.00 0.00	28.86 0.12 0.00	26.57 0.00 0.00	23.64 -0.07 0.00	21.27 -0.15 0.00	19.98 -0.14 0.00	18.94 -0.13 0.00
CASSADAGA_WT_PWR 323784	19.85 0.60 0.00	17.77 0.42 0.00	17.48 0.17 0.00	17.21 0.00 0.00	17.38 0.02 0.00	18.01 0.16 0.00	20.38 0.32 0.00	21.02 0.47 0.00	20.60 0.40 0.00	20.37 0.59 0.00	19.30 0.72 0.00	19.75 0.81 0.00	20.25 0.83 0.00	21.23 0.99 0.00	22.17 1.23 0.00	22.29 1.12 0.00	24.82 1.05 0.00	29.14 0.66 0.00	29.43 0.69 0.00	27.07 0.50 0.00	24.49 0.78 0.00	21.97 0.56 0.00	20.48 0.36 0.00	18.98 -0.09 0.00
CE_DUNWOOD___DRP 24194	20.16 0.91 0.00	18.15 0.80 0.00	18.14 0.83 0.00	18.00 0.79 0.00	18.11 0.75 0.00	18.60 0.75 0.00	20.98 0.92 0.00	21.70 1.15 0.00	21.43 1.23 0.00	21.00 1.23 0.00	19.66 1.08 0.00	20.06 1.12 0.00	20.56 1.15 0.00	21.50 1.26 0.00	22.44 1.51 0.00	22.72 1.55 0.00	25.47 1.69 0.00	30.57 2.08 0.00	30.67 1.93 0.00	28.40 1.83 0.00	25.23 1.52 0.00	22.89 1.48 0.00	21.26 1.15 0.00	20.05 0.97 0.00
CE_MILLWOOD___DRP 24193	20.12 0.87 0.00	18.12 0.76 0.00	18.10 0.80 0.00	17.97 0.76 0.00	18.08 0.71 0.00	18.58 0.73 0.00	20.94 0.88 0.00	21.66 1.11 0.00	21.39 1.19 0.00	20.94 1.17 0.00	19.60 1.02 0.00	20.02 1.08 0.00	20.52 1.11 0.00	21.46 1.21 0.00	22.40 1.47 0.00	22.66 1.48 0.00	25.42 1.64 0.00	30.48 1.99 0.00	30.58 1.84 0.00	28.32 1.75 0.00	25.18 1.47 0.00	22.85 1.43 0.00	21.22 1.11 0.00	20.01 0.93 0.00
CE_NYC2_DRP 24202	20.16 0.91 0.00	18.15 0.80 0.00	18.17 0.87 0.00	18.00 0.79 0.00	18.11 0.75 0.00	18.53 0.68 0.00	20.90 0.84 0.00	21.72 1.17 0.00	21.49 1.29 0.00	21.08 1.31 0.00	19.71 1.13 0.00	20.11 1.17 0.00	20.64 1.22 0.00	21.60 1.36 0.00	22.59 1.65 0.00	22.85 1.67 0.00	25.63 1.85 0.00	30.71 2.22 0.00	30.75 2.01 0.00	28.48 1.91 0.00	25.18 1.47 0.00	22.85 1.43 0.00	21.24 1.13 0.00	20.07 0.99 0.00
CE_NYC_DRP 24195	20.18 0.92 0.00	18.17 0.82 0.00	18.17 0.87 0.00	18.03 0.83 0.00	18.13 0.76 0.00	18.60 0.75 0.00	21.00 0.94 0.00	21.80 1.25 0.00	21.55 1.35 0.00	21.12 1.34 0.00	19.75 1.17 0.00	20.17 1.23 0.00	20.70 1.28 0.00	21.64 1.40 0.00	22.61 1.67 0.00	22.87 1.69 0.00	25.66 1.88 0.00	30.74 2.25 0.00	30.78 2.04 0.00	28.51 1.94 0.00	25.27 1.56 0.00	22.94 1.52 0.00	21.32 1.21 0.00	20.10 1.03 0.00
CHAFFEE___LFGE 323603	19.56 0.31 0.00	17.53 0.17 0.00	17.25 -0.05 0.00	16.95 -0.26 0.00	17.14 -0.23 0.00	17.72 -0.12 0.00	20.04 -0.02 0.00	20.65 0.10 0.00	20.22 0.02 0.00	19.95 0.18 0.00	18.89 0.32 0.00	19.34 0.40 0.00	19.82 0.41 0.00	20.79 0.55 0.00	21.71 0.78 0.00	21.83 0.66 0.00	24.28 0.50 0.00	28.52 0.03 0.00	28.86 0.12 0.00	26.57 0.00 0.00	24.04 0.33 0.00	21.57 0.15 0.00	20.22 0.10 0.00	18.77 -0.31 0.00
CHATEAUG_35_KV_LOAD 355732	19.16 -0.10 0.00	17.32 -0.03 0.00	17.27 -0.03 0.00	17.14 -0.07 0.00	17.29 -0.07 0.00	17.81 -0.04 0.00	19.94 -0.12 0.00	20.57 0.02 0.00	20.20 0.00 0.00	19.83 0.06 0.00	18.61 0.04 0.00	18.96 0.02 0.00	19.47 0.06 0.00	20.32 0.08 0.00	20.87 -0.06 0.00	21.13 -0.04 0.00	23.85 0.07 0.00	28.46 -0.03 0.00	28.77 0.03 0.00	26.57 0.00 0.00	23.66 -0.05 0.00	21.33 -0.09 0.00	20.14 0.02 0.00	19.06 -0.02 0.00
CHATEAUG_WT_PWR 323614	19.24 -0.02 0.00	17.34 -0.02 0.00	17.29 -0.02 0.00	17.14 -0.07 0.00	17.31 -0.05 0.00	17.81 -0.04 0.00	19.96 -0.10 0.00	20.57 0.02 0.00	20.22 0.02 0.00	19.79 0.02 0.00	18.63 0.06 0.00	18.98 0.04 0.00	19.44 0.02 0.00	20.32 0.08 0.00	20.90 -0.04 0.00	21.13 -0.04 0.00	23.85 0.07 0.00	28.49 0.00 0.00	28.77 0.03 0.00	26.57 0.00 0.00	23.66 -0.05 0.00	21.33 -0.09 0.00	20.14 0.02 0.00	19.06 -0.02 0.00
CHAT_HIGH_FALL_HYD 323578	19.22 -0.04 0.00	17.32 -0.03 0.00	17.27 -0.03 0.00	17.14 -0.07 0.00	17.29 -0.07 0.00	17.81 -0.04 0.00	19.94 -0.12 0.00	20.57 0.02 0.00	20.20 0.00 0.00	19.79 0.02 0.00	18.62 0.04 0.00	18.96 0.02 0.00	19.42 0.00 0.00	20.32 0.08 0.00	20.87 -0.06 0.00	21.13 -0.04 0.00	23.85 0.07 0.00	28.46 -0.03 0.00	28.77 0.03 0.00	26.57 0.00 0.00	23.66 -0.05 0.00	21.33 -0.09 0.00	20.14 0.02 0.00	19.06 -0.02 0.00
CHAUTAUQUA___LFGE 323629	19.74 0.48 0.00	17.68 0.33 0.00	17.41 0.10 0.00	17.12 -0.09 0.00	17.29 -0.07 0.00	17.90 0.05 0.00	20.24 0.18 0.00	20.92 0.37 0.00	20.48 0.28 0.00	20.25 0.47 0.00	19.17 0.59 0.00	19.62 0.68 0.00	20.11 0.70 0.00	21.09 0.85 0.00	22.03 1.09 0.00	22.15 0.97 0.00	24.66 0.88 0.00	28.91 0.43 0.00	29.23 0.49 0.00	26.89 0.32 0.00	24.35 0.64 0.00	21.84 0.43 0.00	20.42 0.30 0.00	18.88 -0.19 0.00
CHERRYST_13_KV_LD 356241	20.24 0.98 0.00	18.22 0.87 0.00	18.22 0.92 0.00	18.07 0.86 0.00	18.18 0.82 0.00	18.63 0.79 0.00	21.06 1.00 0.00	21.86 1.32 0.00	21.61 1.41 0.00	21.20 1.42 0.00	19.82 1.24 0.00	20.23 1.29 0.00	20.76 1.34 0.00	21.70 1.46 0.00	22.70 1.76 0.00	22.95 1.78 0.00	25.75 1.97 0.00	30.82 2.34 0.00	30.87 2.13 0.00	28.59 2.02 0.00	25.35 1.64 0.00	23.00 1.58 0.00	21.39 1.27 0.00	20.16 1.09 0.00
CHESTROR_138KV_BK263 355645	19.95 0.69 0.00	17.96 0.61 0.00	17.95 0.64 0.00	17.83 0.62 0.00	17.95 0.59 0.00	18.44 0.59 0.00	20.78 0.72 0.00	21.41 0.86 0.00	21.13 0.93 0.00	20.68 0.91 0.00	19.38 0.80 0.00	19.75 0.81 0.00	20.25 0.83 0.00	21.17 0.93 0.00	22.09 1.15 0.00	22.34 1.16 0.00	25.06 1.28 0.00	30.08 1.60 0.00	30.21 1.47 0.00	27.97 1.41 0.00	24.90 1.19 0.00	22.59 1.18 0.00	21.00 0.89 0.00	19.82 0.74 0.00
CH_MIDHUDSON___DRP 24192	20.14 0.89 0.00	18.13 0.78 0.00	18.14 0.83 0.00	18.00 0.79 0.00	18.13 0.76 0.00	18.62 0.77 0.00	20.98 0.92 0.00	21.60 1.05 0.00	21.31 1.11 0.00	20.82 1.05 0.00	19.49 0.91 0.00	19.89 0.95 0.00	20.37 0.95 0.00	21.32 1.07 0.00	22.24 1.30 0.00	22.51 1.33 0.00	25.25 1.47 0.00	30.37 1.88 0.00	30.52 1.78 0.00	28.27 1.70 0.00	25.13 1.42 0.00	22.81 1.39 0.00	21.18 1.07 0.00	20.01 0.93 0.00
CH_MISC_IPPS 23765	20.16 0.91 0.00	18.19 0.83 0.00	18.12 0.81 0.00	18.05 0.84 0.00	18.16 0.80 0.00	18.65 0.80 0.00	21.04 0.98 0.00	21.64 1.09 0.00	21.35 1.15 0.00	20.86 1.09 0.00	19.52 0.95 0.00	19.94 1.00 0.00	20.46 1.05 0.00	21.38 1.13 0.00	22.30 1.36 0.00	22.59 1.42 0.00	25.37 1.59 0.00	30.51 2.02 0.00	30.64 1.90 0.00	28.37 1.81 0.00	25.23 1.52 0.00	22.87 1.46 0.00	21.22 1.11 0.00	20.07 0.99 0.00

CH_RES_BVR_FALLS 23983	19.08 -0.17 0.00	17.20 -0.16 0.00	17.15 -0.16 0.00	17.05 -0.16 0.00	17.21 -0.16 0.00	17.70 -0.14 0.00	19.84 -0.22 0.00	20.34 -0.21 0.00	19.99 -0.20 0.00	19.58 -0.20 0.00	18.41 -0.17 0.00	18.77 -0.17 0.00	19.20 -0.21 0.00	20.04 -0.20 0.00	20.66 -0.27 0.00	20.90 -0.28 0.00	23.52 -0.26 0.00	28.15 -0.34 0.00	28.40 -0.34 0.00	26.25 -0.32 0.00	23.40 -0.31 0.00	21.14 -0.28 0.00	19.92 -0.20 0.00	18.90 -0.17 0.00
CH_RES_NIAGARA 23895	18.95 -0.31 0.00	16.94 -0.42 0.00	16.70 -0.61 0.00	16.55 -0.65 0.00	16.72 -0.64 0.00	17.24 -0.61 0.00	19.30 -0.76 0.00	19.87 -0.68 0.00	19.43 -0.77 0.00	19.16 -0.61 0.00	18.13 -0.45 0.00	18.54 -0.40 0.00	19.01 -0.41 0.00	19.92 -0.32 0.00	20.79 -0.15 0.00	20.88 -0.30 0.00	23.18 -0.59 0.00	27.15 -1.34 0.00	27.56 -1.18 0.00	25.37 -1.19 0.00	23.00 -0.71 0.00	20.71 -0.71 0.00	19.47 -0.64 0.00	18.10 -0.97 0.00
CH_RES_SYRACUSE 23985	19.31 0.06 0.00	17.37 0.02 0.00	17.29 -0.02 0.00	17.17 -0.03 0.00	17.35 -0.02 0.00	17.83 -0.02 0.00	20.10 0.04 0.00	20.53 -0.02 0.00	20.14 -0.06 0.00	19.75 -0.02 0.00	18.56 -0.02 0.00	18.96 0.02 0.00	19.44 0.02 0.00	20.24 0.00 0.00	20.98 0.04 0.00	21.22 0.04 0.00	23.78 0.00 0.00	28.43 -0.06 0.00	28.71 -0.03 0.00	26.51 -0.05 0.00	23.71 0.00 0.00	21.39 -0.02 0.00	20.08 -0.04 0.00	19.06 -0.02 0.00
CLINTON_WT_PWR 323605	19.24 -0.02 0.00	17.34 -0.02 0.00	17.29 -0.02 0.00	17.14 -0.07 0.00	17.31 -0.05 0.00	17.81 -0.04 0.00	19.96 -0.10 0.00	20.57 0.02 0.00	20.22 0.02 0.00	19.79 0.02 0.00	18.63 0.06 0.00	18.98 0.04 0.00	19.44 0.02 0.00	20.32 0.08 0.00	20.90 -0.04 0.00	21.13 -0.04 0.00	23.85 0.07 0.00	28.49 0.00 0.00	28.77 0.03 0.00	26.57 0.00 0.00	23.66 -0.05 0.00	21.33 -0.09 0.00	20.14 0.02 0.00	19.06 -0.02 0.00
CLINTON___LFGE 323618	19.45 0.19 0.00	17.51 0.16 0.00	17.44 0.14 0.00	17.29 0.09 0.00	17.47 0.10 0.00	18.01 0.16 0.00	20.18 0.12 0.00	20.86 0.31 0.00	20.46 0.26 0.00	20.05 0.28 0.00	18.86 0.28 0.00	19.20 0.27 0.00	19.67 0.25 0.00	20.59 0.34 0.00	21.17 0.23 0.00	21.43 0.25 0.00	24.25 0.48 0.00	28.91 0.43 0.00	29.20 0.46 0.00	26.97 0.40 0.00	24.02 0.31 0.00	21.61 0.19 0.00	20.40 0.28 0.00	19.26 0.19 0.00
COBBLENY_34_KV_TB1 80064	19.58 0.33 0.00	17.53 0.17 0.00	17.08 -0.22 0.00	16.97 -0.24 0.00	17.14 -0.23 0.00	17.74 -0.11 0.00	20.04 -0.02 0.00	20.65 0.10 0.00	20.22 0.02 0.00	19.95 0.18 0.00	18.89 0.32 0.00	19.34 0.40 0.00	19.80 0.39 0.00	20.79 0.55 0.00	21.67 0.73 0.00	21.83 0.66 0.00	24.28 0.50 0.00	28.52 0.03 0.00	28.86 0.11 0.00	26.54 -0.03 0.00	24.04 0.33 0.00	21.57 0.15 0.00	20.20 0.08 0.00	18.77 -0.31 0.00
COFFEEN___115KV_TB3 355620	19.28 0.02 0.00	17.35 0.00 0.00	17.29 -0.02 0.00	17.17 -0.03 0.00	17.40 0.03 0.00	17.96 0.11 0.00	20.24 0.18 0.00	20.73 0.18 0.00	20.22 0.02 0.00	19.73 -0.04 0.00	18.52 -0.06 0.00	18.86 -0.08 0.00	19.36 -0.06 0.00	20.20 -0.04 0.00	20.96 0.02 0.00	21.24 0.06 0.00	23.97 0.19 0.00	28.91 0.43 0.00	29.29 0.55 0.00	26.94 0.37 0.00	23.97 0.26 0.00	21.54 0.13 0.00	20.20 0.08 0.00	19.15 0.08 0.00
COLDSPRG_115KV_BK1 355956	19.93 0.67 0.00	17.82 0.47 0.00	17.39 0.09 0.00	17.26 0.05 0.00	17.43 0.07 0.00	18.08 0.23 0.00	20.46 0.40 0.00	21.10 0.55 0.00	20.70 0.50 0.00	20.45 0.67 0.00	19.38 0.80 0.00	19.81 0.87 0.00	20.29 0.87 0.00	21.32 1.07 0.00	22.24 1.30 0.00	22.40 1.23 0.00	24.97 1.19 0.00	29.31 0.83 0.00	29.58 0.83 0.00	27.18 0.61 0.00	24.63 0.92 0.00	22.06 0.64 0.00	20.58 0.46 0.00	19.11 0.04 0.00
COLONIE_LFGE___ 323577	19.91 0.66 0.00	18.00 0.64 0.00	17.96 0.66 0.00	17.90 0.69 0.00	18.04 0.68 0.00	18.54 0.70 0.00	20.84 0.78 0.00	21.31 0.76 0.00	21.04 0.85 0.00	20.51 0.73 0.00	19.23 0.65 0.00	19.58 0.64 0.00	20.10 0.68 0.00	20.93 0.69 0.00	21.78 0.84 0.00	22.02 0.85 0.00	24.73 0.95 0.00	29.85 1.37 0.00	30.15 1.41 0.00	27.95 1.38 0.00	24.89 1.18 0.00	22.51 1.09 0.00	20.96 0.84 0.00	19.86 0.78 0.00
COOPERNY_115KV_TB1 80082	19.78 0.52 0.00	17.80 0.45 0.00	17.79 0.48 0.00	17.67 0.46 0.00	17.82 0.45 0.00	18.29 0.45 0.00	20.60 0.54 0.00	21.20 0.66 0.00	20.88 0.69 0.00	20.47 0.69 0.00	19.17 0.59 0.00	19.56 0.62 0.00	20.06 0.64 0.00	20.97 0.73 0.00	21.84 0.90 0.00	22.08 0.91 0.00	24.78 1.00 0.00	29.71 1.22 0.00	29.86 1.12 0.00	27.63 1.06 0.00	24.61 0.90 0.00	22.29 0.88 0.00	20.78 0.66 0.00	19.63 0.55 0.00
COPENHAGEN_WT_PWR 323753	19.16 -0.10 0.00	17.25 -0.10 0.00	17.19 -0.12 0.00	17.07 -0.14 0.00	17.28 -0.09 0.00	17.83 -0.02 0.00	20.06 0.00 0.00	20.57 0.02 0.00	20.10 -0.10 0.00	19.61 -0.16 0.00	18.43 -0.15 0.00	18.77 -0.17 0.00	19.20 -0.21 0.00	20.08 -0.16 0.00	20.81 -0.12 0.00	21.07 -0.11 0.00	23.78 0.00 0.00	28.60 0.11 0.00	28.97 0.23 0.00	26.67 0.11 0.00	23.76 0.05 0.00	21.35 -0.06 0.00	20.04 -0.08 0.00	19.00 -0.08 0.00
CORNELL____ 23752	19.76 0.50 0.00	17.73 0.38 0.00	17.62 0.31 0.00	17.50 0.29 0.00	17.69 0.33 0.00	18.22 0.37 0.00	20.56 0.50 0.00	21.06 0.51 0.00	20.62 0.42 0.00	20.21 0.44 0.00	18.99 0.41 0.00	19.35 0.42 0.00	19.84 0.43 0.00	20.73 0.49 0.00	21.57 0.63 0.00	21.83 0.66 0.00	24.49 0.71 0.00	29.28 0.80 0.00	29.60 0.86 0.00	27.31 0.74 0.00	24.44 0.73 0.00	22.01 0.60 0.00	20.60 0.48 0.00	19.44 0.36 0.00
CORONAAV_69_KV_TB1 355595	20.64 1.39 0.00	18.52 1.16 0.00	18.43 1.12 0.00	18.24 1.03 0.00	18.39 1.02 0.00	18.95 1.11 0.00	21.46 1.40 0.00	22.38 1.66 -0.17	25.21 1.74 -3.28	25.20 1.72 -3.71	25.94 1.49 -5.88	27.77 1.52 -7.31	28.22 1.55 -7.25	39.67 1.70 -17.73	34.40 1.97 -11.50	37.95 2.01 -14.76	43.71 2.24 -17.70	47.93 2.68 -16.77	41.18 2.53 -9.90	38.40 2.39 -9.44	34.64 2.04 -8.89	30.38 1.91 -7.06	25.74 1.63 -3.99	23.33 1.45 -2.80
CORTLAND_115KV_TB3 80093	19.56 0.31 0.00	17.60 0.24 0.00	17.48 0.17 0.00	17.38 0.17 0.00	17.55 0.19 0.00	18.08 0.23 0.00	20.38 0.32 0.00	20.86 0.31 0.00	20.44 0.24 0.00	20.05 0.28 0.00	18.84 0.26 0.00	19.22 0.28 0.00	19.71 0.29 0.00	20.57 0.32 0.00	21.36 0.42 0.00	21.62 0.44 0.00	24.25 0.48 0.00	28.97 0.48 0.00	29.29 0.55 0.00	26.99 0.43 0.00	24.18 0.47 0.00	21.78 0.36 0.00	20.40 0.28 0.00	19.28 0.21 0.00
COXSACKIE___GT 23611	20.33 1.08 0.00	18.34 0.99 0.00	18.34 1.04 0.00	18.26 1.05 0.00	18.41 1.04 0.00	18.90 1.05 0.00	21.30 1.24 0.00	21.74 1.19 0.00	21.33 1.13 0.00	20.70 0.93 0.00	19.39 0.82 0.00	19.73 0.80 0.00	20.23 0.82 0.00	21.11 0.87 0.00	21.98 1.05 0.00	22.27 1.10 0.00	25.20 1.43 0.00	30.59 2.11 0.00	30.96 2.21 0.00	28.64 2.07 0.00	25.49 1.78 0.00	22.98 1.56 0.00	21.32 1.21 0.00	20.14 1.07 0.00

CPV_VALLEY___CC1 323721	19.78 0.52 0.00	17.86 0.50 0.00	17.79 0.48 0.00	17.71 0.50 0.00	17.83 0.47 0.00	18.33 0.48 0.00	20.64 0.58 0.00	21.27 0.72 0.00	20.98 0.79 0.00	20.54 0.77 0.00	19.25 0.67 0.00	19.62 0.68 0.00	20.15 0.74 0.00	21.03 0.79 0.00	21.92 0.98 0.00	22.19 1.02 0.00	24.87 1.09 0.00	29.85 1.37 0.00	29.98 1.24 0.00	27.76 1.20 0.00	24.71 1.00 0.00	22.40 0.99 0.00	20.86 0.74 0.00	19.70 0.63 0.00
CPV_VALLEY___CC2 323722	19.78 0.52 0.00	17.86 0.50 0.00	17.79 0.48 0.00	17.71 0.50 0.00	17.83 0.47 0.00	18.33 0.48 0.00	20.64 0.58 0.00	21.27 0.72 0.00	20.98 0.79 0.00	20.54 0.77 0.00	19.25 0.67 0.00	19.62 0.68 0.00	20.15 0.74 0.00	21.03 0.79 0.00	21.92 0.98 0.00	22.19 1.02 0.00	24.87 1.09 0.00	29.85 1.37 0.00	29.98 1.24 0.00	27.76 1.20 0.00	24.71 1.00 0.00	22.40 0.99 0.00	20.86 0.74 0.00	19.70 0.63 0.00
CRESCENT___HYD 24018	19.91 0.66 0.00	18.00 0.64 0.00	17.96 0.66 0.00	17.90 0.69 0.00	18.04 0.68 0.00	18.54 0.70 0.00	20.84 0.78 0.00	21.31 0.76 0.00	21.04 0.85 0.00	20.51 0.73 0.00	19.23 0.65 0.00	19.58 0.64 0.00	20.10 0.68 0.00	20.93 0.69 0.00	21.78 0.84 0.00	22.02 0.85 0.00	24.73 0.95 0.00	29.85 1.37 0.00	30.15 1.41 0.00	27.95 1.38 0.00	24.89 1.18 0.00	22.51 1.09 0.00	20.96 0.84 0.00	19.86 0.78 0.00
CRICKET___VALLEY_CC1 323756	19.97 0.71 0.00	18.03 0.68 0.00	17.98 0.67 0.00	17.91 0.71 0.00	18.04 0.68 0.00	18.54 0.70 0.00	20.88 0.82 0.00	21.45 0.90 0.00	21.17 0.97 0.00	20.66 0.89 0.00	19.36 0.78 0.00	19.75 0.81 0.00	20.25 0.83 0.00	21.13 0.89 0.00	22.03 1.09 0.00	22.27 1.10 0.00	24.94 1.16 0.00	30.02 1.54 0.00	30.24 1.49 0.00	28.03 1.46 0.00	24.92 1.21 0.00	22.61 1.20 0.00	21.04 0.93 0.00	19.89 0.82 0.00
CRICKET___VALLEY_CC2 323757	19.97 0.71 0.00	18.03 0.68 0.00	17.98 0.67 0.00	17.91 0.71 0.00	18.04 0.68 0.00	18.54 0.70 0.00	20.88 0.82 0.00	21.45 0.90 0.00	21.17 0.97 0.00	20.66 0.89 0.00	19.36 0.78 0.00	19.75 0.81 0.00	20.25 0.83 0.00	21.13 0.89 0.00	22.03 1.09 0.00	22.27 1.10 0.00	24.94 1.16 0.00	30.02 1.54 0.00	30.24 1.49 0.00	28.03 1.46 0.00	24.92 1.21 0.00	22.61 1.20 0.00	21.04 0.93 0.00	19.89 0.82 0.00
CRICKET___VALLEY_CC3 323758	19.97 0.71 0.00	18.03 0.68 0.00	17.98 0.67 0.00	17.91 0.71 0.00	18.04 0.68 0.00	18.54 0.70 0.00	20.88 0.82 0.00	21.45 0.90 0.00	21.17 0.97 0.00	20.66 0.89 0.00	19.36 0.78 0.00	19.75 0.81 0.00	20.25 0.83 0.00	21.13 0.89 0.00	22.03 1.09 0.00	22.27 1.10 0.00	24.94 1.16 0.00	30.02 1.54 0.00	30.24 1.49 0.00	28.03 1.46 0.00	24.92 1.21 0.00	22.61 1.20 0.00	21.04 0.93 0.00	19.89 0.82 0.00
CRUCIBLE_METL_DRP 24180	19.31 0.06 0.00	17.37 0.02 0.00	17.27 -0.03 0.00	17.17 -0.03 0.00	17.35 -0.02 0.00	17.83 -0.02 0.00	20.10 0.04 0.00	20.53 -0.02 0.00	20.14 -0.06 0.00	19.73 -0.04 0.00	18.56 -0.02 0.00	18.96 0.02 0.00	19.42 0.00 0.00	20.24 0.00 0.00	20.96 0.02 0.00	21.22 0.04 0.00	23.78 0.00 0.00	28.43 -0.06 0.00	28.74 0.00 0.00	26.51 -0.05 0.00	23.71 0.00 0.00	21.37 -0.04 0.00	20.08 -0.04 0.00	19.06 -0.02 0.00
DAHOWA___HYDRO 323763	19.93 0.67 0.00	18.00 0.64 0.00	17.95 0.64 0.00	17.86 0.65 0.00	18.02 0.66 0.00	18.54 0.70 0.00	20.88 0.82 0.00	21.39 0.84 0.00	21.31 1.11 0.00	20.68 0.91 0.00	19.38 0.80 0.00	19.73 0.80 0.00	20.25 0.83 0.00	21.13 0.89 0.00	21.98 1.05 0.00	22.23 1.06 0.00	25.01 1.24 0.00	30.22 1.74 0.00	30.64 1.90 0.00	28.40 1.83 0.00	25.32 1.61 0.00	22.87 1.46 0.00	21.26 1.15 0.00	20.08 1.01 0.00
DANC___LFGE 323619	19.12 -0.13 0.00	17.20 -0.16 0.00	17.13 -0.17 0.00	17.02 -0.19 0.00	17.21 -0.16 0.00	17.74 -0.11 0.00	19.98 -0.08 0.00	20.47 -0.08 0.00	20.01 -0.18 0.00	19.58 -0.20 0.00	18.39 -0.19 0.00	18.75 -0.19 0.00	19.18 -0.23 0.00	20.02 -0.22 0.00	20.75 -0.19 0.00	20.98 -0.19 0.00	23.61 -0.17 0.00	28.37 -0.11 0.00	28.71 -0.03 0.00	26.46 -0.11 0.00	23.59 -0.12 0.00	21.22 -0.19 0.00	19.94 -0.18 0.00	18.88 -0.19 0.00
DANSKAMMER___1 23586	20.16 0.91 0.00	18.19 0.83 0.00	18.12 0.81 0.00	18.05 0.84 0.00	18.16 0.80 0.00	18.65 0.80 0.00	21.04 0.98 0.00	21.64 1.09 0.00	21.35 1.15 0.00	20.86 1.09 0.00	19.52 0.95 0.00	19.94 1.00 0.00	20.46 1.05 0.00	21.38 1.13 0.00	22.30 1.36 0.00	22.59 1.42 0.00	25.37 1.59 0.00	30.51 2.02 0.00	30.64 1.90 0.00	28.37 1.81 0.00	25.23 1.52 0.00	22.87 1.46 0.00	21.22 1.11 0.00	20.07 0.99 0.00
DANSKAMMER___2 23589	20.16 0.91 0.00	18.19 0.83 0.00	18.12 0.81 0.00	18.05 0.84 0.00	18.16 0.80 0.00	18.65 0.80 0.00	21.04 0.98 0.00	21.64 1.09 0.00	21.35 1.15 0.00	20.86 1.09 0.00	19.52 0.95 0.00	19.94 1.00 0.00	20.46 1.05 0.00	21.38 1.13 0.00	22.30 1.36 0.00	22.59 1.42 0.00	25.37 1.59 0.00	30.51 2.02 0.00	30.64 1.90 0.00	28.37 1.81 0.00	25.23 1.52 0.00	22.87 1.46 0.00	21.22 1.11 0.00	20.07 0.99 0.00
DANSKAMMER___3 23590	20.16 0.91 0.00	18.19 0.83 0.00	18.12 0.81 0.00	18.05 0.84 0.00	18.16 0.80 0.00	18.65 0.80 0.00	21.04 0.98 0.00	21.64 1.09 0.00	21.35 1.15 0.00	20.86 1.09 0.00	19.52 0.95 0.00	19.94 1.00 0.00	20.46 1.05 0.00	21.38 1.13 0.00	22.30 1.36 0.00	22.59 1.42 0.00	25.37 1.59 0.00	30.51 2.02 0.00	30.64 1.90 0.00	28.37 1.81 0.00	25.23 1.52 0.00	22.87 1.46 0.00	21.22 1.11 0.00	20.07 0.99 0.00
DANSKAMMER___4 23591	20.16 0.91 0.00	18.19 0.83 0.00	18.12 0.81 0.00	18.05 0.84 0.00	18.16 0.80 0.00	18.65 0.80 0.00	21.04 0.98 0.00	21.64 1.09 0.00	21.35 1.15 0.00	20.86 1.09 0.00	19.52 0.95 0.00	19.94 1.00 0.00	20.46 1.05 0.00	21.38 1.13 0.00	22.30 1.36 0.00	22.59 1.42 0.00	25.37 1.59 0.00	30.51 2.02 0.00	30.64 1.90 0.00	28.37 1.81 0.00	25.23 1.52 0.00	22.87 1.46 0.00	21.22 1.11 0.00	20.07 0.99 0.00
DANSKAMMER___DIESEL 23592	20.20 0.94 0.00	18.19 0.83 0.00	18.17 0.87 0.00	18.05 0.84 0.00	18.16 0.80 0.00	18.65 0.80 0.00	21.02 0.96 0.00	21.64 1.09 0.00	21.35 1.15 0.00	20.86 1.09 0.00	19.53 0.95 0.00	19.94 1.00 0.00	20.43 1.01 0.00	21.38 1.13 0.00	22.32 1.38 0.00	22.59 1.42 0.00	25.37 1.59 0.00	30.51 2.02 0.00	30.64 1.90 0.00	28.37 1.81 0.00	25.23 1.52 0.00	22.89 1.48 0.00	21.22 1.11 0.00	20.07 0.99 0.00
DARBY___SOLAR 323810	19.93 0.67 0.00	18.00 0.64 0.00	17.95 0.64 0.00	17.86 0.65 0.00	18.04 0.68 0.00	18.54 0.70 0.00	20.88 0.82 0.00	21.39 0.84 0.00	21.29 1.09 0.00	20.68 0.91 0.00	19.38 0.80 0.00	19.73 0.80 0.00	20.25 0.83 0.00	21.11 0.87 0.00	21.98 1.05 0.00	22.21 1.04 0.00	24.99 1.21 0.00	30.20 1.71 0.00	30.55 1.81 0.00	28.32 1.75 0.00	25.25 1.54 0.00	22.81 1.39 0.00	21.20 1.09 0.00	20.05 0.97 0.00

DASHVILLE___HYD 23610	20.08 0.83 0.00	18.08 0.73 0.00	18.08 0.78 0.00	17.97 0.76 0.00	18.08 0.71 0.00	18.53 0.68 0.00	20.88 0.82 0.00	21.39 0.84 0.00	21.08 0.89 0.00	20.62 0.85 0.00	19.28 0.71 0.00	19.68 0.74 0.00	20.15 0.74 0.00	21.11 0.87 0.00	22.03 1.09 0.00	22.30 1.12 0.00	25.06 1.28 0.00	30.11 1.62 0.00	30.21 1.47 0.00	28.00 1.43 0.00	24.90 1.19 0.00	22.59 1.18 0.00	21.00 0.89 0.00	19.93 0.86 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	21.55 2.29 0.00	19.33 1.98 0.00	19.19 1.89 0.00	18.93 1.72 0.00	19.13 1.77 0.00	19.76 1.91 0.00	22.41 2.35 0.00	23.59 2.88 -0.17	26.47 2.99 -3.28	26.43 2.95 -3.71	27.00 2.55 -5.88	28.94 2.69 -7.31	29.36 2.70 -7.25	40.93 2.96 -17.73	35.81 3.37 -11.50	39.37 3.43 -14.76	45.28 3.80 -17.70	49.90 4.64 -16.77	43.16 4.51 -9.91	40.29 4.28 -9.44	36.30 3.70 -8.89	31.75 3.28 -7.06	26.95 2.84 -4.00	24.22 2.35 -2.80
DELAWARE___LFGE 323621	19.83 0.58 0.00	17.86 0.50 0.00	17.84 0.54 0.00	17.76 0.55 0.00	17.92 0.56 0.00	18.42 0.57 0.00	20.72 0.66 0.00	21.25 0.70 0.00	20.88 0.69 0.00	20.43 0.65 0.00	19.17 0.59 0.00	19.54 0.61 0.00	20.04 0.62 0.00	20.95 0.71 0.00	21.82 0.88 0.00	22.06 0.89 0.00	24.78 1.00 0.00	29.74 1.25 0.00	29.98 1.24 0.00	27.68 1.12 0.00	24.71 1.00 0.00	22.29 0.88 0.00	20.82 0.70 0.00	19.67 0.59 0.00
DERFIELD_115KV_TB7 355931	19.33 0.08 0.00	17.42 0.07 0.00	17.37 0.07 0.00	17.29 0.09 0.00	17.45 0.09 0.00	17.94 0.09 0.00	20.16 0.10 0.00	20.63 0.08 0.00	20.30 0.10 0.00	19.85 0.08 0.00	18.65 0.07 0.00	19.00 0.06 0.00	19.47 0.06 0.00	20.32 0.08 0.00	21.04 0.10 0.00	21.28 0.11 0.00	23.90 0.12 0.00	28.66 0.17 0.00	28.91 0.17 0.00	26.73 0.16 0.00	23.83 0.12 0.00	21.54 0.13 0.00	20.20 0.08 0.00	19.15 0.08 0.00
DOGLEVILLE___HYD 23807	19.81 0.56 0.00	17.87 0.52 0.00	17.82 0.52 0.00	17.72 0.52 0.00	17.90 0.54 0.00	18.40 0.55 0.00	20.70 0.64 0.00	21.08 0.53 0.00	20.70 0.51 0.00	20.27 0.49 0.00	19.02 0.45 0.00	19.37 0.44 0.00	19.88 0.47 0.00	20.75 0.51 0.00	21.50 0.57 0.00	21.75 0.57 0.00	24.42 0.64 0.00	29.28 0.80 0.00	29.55 0.80 0.00	27.28 0.72 0.00	24.35 0.64 0.00	22.04 0.62 0.00	20.66 0.54 0.00	19.67 0.59 0.00
DUNKIRK___115KV_TB_200 55889	19.74 0.48 0.00	17.67 0.31 0.00	17.22 -0.09 0.00	17.10 -0.10 0.00	17.28 -0.09 0.00	17.88 0.04 0.00	20.22 0.16 0.00	20.88 0.33 0.00	20.46 0.26 0.00	20.21 0.44 0.00	19.14 0.56 0.00	19.58 0.64 0.00	20.04 0.62 0.00	21.05 0.81 0.00	21.94 1.00 0.00	22.11 0.93 0.00	24.61 0.83 0.00	28.86 0.37 0.00	29.17 0.43 0.00	26.83 0.27 0.00	24.33 0.62 0.00	21.80 0.39 0.00	20.38 0.26 0.00	18.88 -0.19 0.00
DUNKIRK___1 23563	19.74 0.48 0.00	17.67 0.31 0.00	17.22 -0.09 0.00	17.10 -0.10 0.00	17.28 -0.09 0.00	17.88 0.04 0.00	20.22 0.16 0.00	20.88 0.33 0.00	20.46 0.26 0.00	20.21 0.44 0.00	19.14 0.56 0.00	19.58 0.64 0.00	20.04 0.62 0.00	21.05 0.81 0.00	21.94 1.00 0.00	22.11 0.93 0.00	24.61 0.83 0.00	28.86 0.37 0.00	29.17 0.43 0.00	26.83 0.27 0.00	24.33 0.62 0.00	21.80 0.39 0.00	20.38 0.26 0.00	18.88 -0.19 0.00
DUNKIRK___2 23564	19.74 0.48 0.00	17.67 0.31 0.00	17.22 -0.09 0.00	17.10 -0.10 0.00	17.28 -0.09 0.00	17.88 0.04 0.00	20.22 0.16 0.00	20.88 0.33 0.00	20.46 0.26 0.00	20.21 0.44 0.00	19.14 0.56 0.00	19.58 0.64 0.00	20.04 0.62 0.00	21.05 0.81 0.00	21.94 1.00 0.00	22.11 0.93 0.00	24.61 0.83 0.00	28.86 0.37 0.00	29.17 0.43 0.00	26.83 0.27 0.00	24.33 0.62 0.00	21.80 0.39 0.00	20.38 0.26 0.00	18.88 -0.19 0.00
DUNKIRK___3 23565	19.64 0.39 0.00	17.58 0.23 0.00	17.15 -0.16 0.00	17.04 -0.17 0.00	17.19 -0.17 0.00	17.81 -0.04 0.00	20.12 0.06 0.00	20.75 0.21 0.00	20.32 0.12 0.00	20.07 0.30 0.00	19.01 0.43 0.00	19.45 0.51 0.00	19.90 0.49 0.00	20.91 0.67 0.00	21.80 0.86 0.00	21.96 0.78 0.00	24.44 0.67 0.00	28.66 0.17 0.00	28.97 0.23 0.00	26.67 0.11 0.00	24.18 0.47 0.00	21.69 0.28 0.00	20.30 0.18 0.00	18.81 -0.27 0.00
DUNKIRK___4 23566	19.64 0.39 0.00	17.58 0.23 0.00	17.15 -0.16 0.00	17.04 -0.17 0.00	17.19 -0.17 0.00	17.81 -0.04 0.00	20.12 0.06 0.00	20.75 0.21 0.00	20.32 0.12 0.00	20.07 0.30 0.00	19.01 0.43 0.00	19.45 0.51 0.00	19.90 0.49 0.00	20.91 0.67 0.00	21.80 0.86 0.00	21.96 0.78 0.00	24.44 0.67 0.00	28.66 0.17 0.00	28.97 0.23 0.00	26.67 0.11 0.00	24.18 0.47 0.00	21.69 0.28 0.00	20.30 0.18 0.00	18.81 -0.27 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.18 0.92 0.00	18.19 0.83 0.00	18.17 0.87 0.00	18.02 0.81 0.00	18.15 0.78 0.00	18.63 0.79 0.00	21.02 0.96 0.00	21.76 1.21 0.00	21.49 1.29 0.00	21.06 1.29 0.00	19.71 1.13 0.00	20.11 1.17 0.00	20.62 1.20 0.00	21.58 1.34 0.00	22.53 1.59 0.00	22.78 1.61 0.00	25.56 1.78 0.00	30.65 2.16 0.00	30.75 2.01 0.00	28.48 1.91 0.00	25.30 1.59 0.00	22.94 1.52 0.00	21.30 1.19 0.00	20.10 1.03 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.06 0.81 0.00	18.06 0.71 0.00	18.03 0.73 0.00	17.91 0.71 0.00	18.04 0.68 0.00	18.53 0.68 0.00	20.88 0.82 0.00	21.49 0.95 0.00	20.74 1.01 0.00	20.74 0.97 0.00	19.43 0.85 0.00	19.81 0.87 0.00	20.31 0.89 0.00	21.26 1.01 0.00	22.17 1.24 0.00	22.44 1.27 0.00	25.20 1.43 0.00	30.25 1.77 0.00	30.38 1.64 0.00	28.13 1.57 0.00	25.04 1.33 0.00	22.70 1.28 0.00	21.08 0.97 0.00	19.93 0.86 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	20.10 0.85 0.00	18.12 0.76 0.00	18.15 0.85 0.00	17.97 0.76 0.00	18.06 0.69 0.00	18.44 0.59 0.00	20.80 0.74 0.00	21.62 1.07 0.00	21.41 1.21 0.00	21.00 1.23 0.00	19.64 1.06 0.00	20.04 1.10 0.00	20.56 1.15 0.00	21.52 1.28 0.00	22.49 1.55 0.00	22.76 1.59 0.00	25.51 1.74 0.00	30.59 2.11 0.00	30.64 1.90 0.00	28.35 1.78 0.00	25.06 1.35 0.00	22.74 1.33 0.00	21.16 1.05 0.00	20.01 0.93 0.00
E179THST_13_KV_LOAD 356214	20.18 0.92 0.00	18.19 0.83 0.00	18.21 0.90 0.00	18.03 0.83 0.00	18.13 0.76 0.00	18.51 0.66 0.00	20.88 0.82 0.00	21.70 1.15 0.00	21.49 1.29 0.00	21.10 1.32 0.00	19.73 1.15 0.00	20.13 1.19 0.00	20.66 1.24 0.00	21.62 1.38 0.00	22.59 1.65 0.00	22.87 1.69 0.00	25.66 1.88 0.00	30.77 2.28 0.00	30.78 2.04 0.00	28.48 1.91 0.00	25.18 1.47 0.00	22.85 1.43 0.00	21.24 1.13 0.00	20.09 1.01 0.00
EAST HAMPTON___GT 23717	21.72 2.47 0.00	19.50 2.15 0.00	19.31 2.01 0.00	19.10 1.89 0.00	19.33 1.96 0.00	19.95 2.11 0.00	22.63 2.57 0.00	23.84 3.12 -0.17	26.75 3.27 -3.28	26.73 3.24 -3.71	27.28 2.82 -5.88	29.23 2.97 -7.31	29.69 3.03 -7.25	41.24 3.26 -17.73	36.14 3.71 -11.50	39.79 3.85 -14.76	45.78 4.31 -17.70	50.50 5.24 -16.77	43.71 5.06 -9.91	40.69 4.68 -9.44	36.72 4.13 -8.89	32.18 3.71 -7.06	27.33 3.22 -4.00	24.57 2.69 -2.80

EAST RIVER___6 23660	20.16 0.91 0.00	18.20 0.85 0.00	18.10 0.80 0.00	18.05 0.84 0.00	18.16 0.80 0.00	18.62 0.77 0.00	21.04 0.98 0.00	21.86 1.32 0.00	21.61 1.41 0.00	21.18 1.40 0.00	19.78 1.21 0.00	20.19 1.25 0.00	20.77 1.36 0.00	21.68 1.44 0.00	22.65 1.72 0.00	22.91 1.74 0.00	25.68 1.90 0.00	30.77 2.28 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.34 1.63 0.00	22.98 1.56 0.00	21.37 1.25 0.00	20.14 1.07 0.00
EAST RIVER___7 23524	20.16 0.91 0.00	18.20 0.85 0.00	18.10 0.80 0.00	18.05 0.84 0.00	18.16 0.80 0.00	18.62 0.77 0.00	21.04 0.98 0.00	21.86 1.32 0.00	21.61 1.41 0.00	21.18 1.40 0.00	19.78 1.21 0.00	20.19 1.25 0.00	20.77 1.36 0.00	21.68 1.44 0.00	22.65 1.72 0.00	22.91 1.74 0.00	25.68 1.90 0.00	30.77 2.28 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.34 1.63 0.00	22.98 1.56 0.00	21.37 1.25 0.00	20.14 1.07 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.16 0.91 0.00	18.15 0.80 0.00	18.14 0.83 0.00	18.00 0.79 0.00	18.11 0.75 0.00	18.60 0.75 0.00	20.98 0.92 0.00	21.70 1.15 0.00	21.43 1.23 0.00	21.00 1.23 0.00	19.66 1.08 0.00	20.06 1.12 0.00	20.56 1.15 0.00	21.50 1.26 0.00	22.44 1.51 0.00	22.72 1.55 0.00	25.47 1.69 0.00	30.57 2.08 0.00	30.67 1.93 0.00	28.40 1.83 0.00	25.23 1.52 0.00	22.89 1.48 0.00	21.26 1.15 0.00	20.05 0.97 0.00
EAST_HAMPTON___DIESEL 23722	21.72 2.47 0.00	19.52 2.17 0.00	19.31 2.01 0.00	19.12 1.91 0.00	19.33 1.96 0.00	19.95 2.11 0.00	22.65 2.59 0.00	23.84 3.12 -0.17	26.75 3.27 -3.28	26.73 3.24 -3.71	27.28 2.82 -5.88	29.23 2.97 -7.31	29.69 3.03 -7.25	41.24 3.26 -17.73	36.14 3.71 -11.50	39.79 3.85 -14.76	45.78 4.31 -17.70	50.52 5.27 -16.77	43.71 5.06 -9.91	40.71 4.70 -9.44	36.72 4.13 -8.89	32.18 3.71 -7.06	27.33 3.22 -4.00	24.58 2.71 -2.80
EAST_PULASKI___ESR 323781	19.10 -0.15 0.00	17.20 -0.16 0.00	17.10 -0.21 0.00	17.00 -0.21 0.00	17.19 -0.17 0.00	17.69 -0.16 0.00	19.94 -0.12 0.00	20.38 -0.16 0.00	19.97 -0.22 0.00	19.56 -0.22 0.00	18.37 -0.20 0.00	18.75 -0.19 0.00	19.18 -0.23 0.00	19.98 -0.26 0.00	20.71 -0.23 0.00	20.94 -0.23 0.00	23.52 -0.26 0.00	28.17 -0.31 0.00	28.48 -0.26 0.00	26.27 -0.29 0.00	23.47 -0.24 0.00	21.14 -0.28 0.00	19.86 -0.26 0.00	18.85 -0.23 0.00
EAST_RIVER___1 323558	20.12 0.87 0.00	18.17 0.82 0.00	18.08 0.78 0.00	18.03 0.83 0.00	18.13 0.76 0.00	18.60 0.75 0.00	21.00 0.94 0.00	21.80 1.25 0.00	21.55 1.35 0.00	21.14 1.36 0.00	19.75 1.17 0.00	20.17 1.23 0.00	20.74 1.32 0.00	21.64 1.40 0.00	22.59 1.65 0.00	22.87 1.69 0.00	25.66 1.88 0.00	30.74 2.25 0.00	30.81 2.07 0.00	28.50 1.94 0.00	25.30 1.59 0.00	22.94 1.52 0.00	21.32 1.21 0.00	20.12 1.05 0.00
EAST_RIVER___2 323559	20.16 0.91 0.00	18.20 0.85 0.00	18.10 0.80 0.00	18.05 0.84 0.00	18.16 0.80 0.00	18.62 0.77 0.00	21.04 0.98 0.00	21.86 1.32 0.00	21.61 1.41 0.00	21.18 1.40 0.00	19.78 1.21 0.00	20.19 1.25 0.00	20.77 1.36 0.00	21.68 1.44 0.00	22.65 1.72 0.00	22.91 1.74 0.00	25.68 1.90 0.00	30.77 2.28 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.34 1.63 0.00	22.98 1.56 0.00	21.37 1.25 0.00	20.14 1.07 0.00
EAST___DELAWARE_HYD 23607	20.22 0.96 0.00	18.22 0.87 0.00	18.15 0.85 0.00	18.07 0.86 0.00	18.20 0.83 0.00	18.67 0.82 0.00	21.08 1.02 0.00	21.57 1.03 0.00	21.23 1.03 0.00	20.78 1.01 0.00	19.43 0.86 0.00	19.83 0.89 0.00	20.35 0.93 0.00	21.27 1.03 0.00	22.19 1.26 0.00	22.49 1.31 0.00	25.30 1.52 0.00	30.40 1.91 0.00	30.52 1.78 0.00	28.21 1.65 0.00	25.11 1.40 0.00	22.77 1.35 0.00	21.16 1.05 0.00	20.10 1.03 0.00
EIGHT_POINT___WT_PWR 323820	19.97 0.71 0.00	17.89 0.54 0.00	17.69 0.38 0.00	17.43 0.22 0.00	17.64 0.28 0.00	18.24 0.39 0.00	20.62 0.56 0.00	21.18 0.64 0.00	20.72 0.52 0.00	20.41 0.63 0.00	19.25 0.67 0.00	19.68 0.74 0.00	20.19 0.78 0.00	21.15 0.91 0.00	22.11 1.17 0.00	22.29 1.12 0.00	24.92 1.14 0.00	29.43 0.94 0.00	29.78 1.03 0.00	27.42 0.85 0.00	24.75 1.04 0.00	22.21 0.79 0.00	20.72 0.60 0.00	19.23 0.15 0.00
ELBRIDGE_115KV_TB2 80188	19.26 0.00 0.00	17.32 -0.03 0.00	17.20 -0.10 0.00	17.10 -0.10 0.00	17.28 -0.09 0.00	17.76 -0.09 0.00	20.02 -0.04 0.00	20.49 -0.06 0.00	20.10 -0.10 0.00	19.71 -0.06 0.00	18.54 -0.04 0.00	18.92 -0.02 0.00	19.40 -0.02 0.00	20.20 -0.04 0.00	20.94 0.00 0.00	21.17 0.00 0.00	23.71 -0.07 0.00	28.34 -0.14 0.00	28.66 -0.09 0.00	26.43 -0.13 0.00	23.66 -0.05 0.00	21.33 -0.09 0.00	20.04 -0.08 0.00	18.98 -0.10 0.00
ELEC_TRO_TEK 24086	20.51 1.25 0.00	18.41 1.06 0.00	18.34 1.04 0.00	18.14 0.93 0.00	18.30 0.94 0.00	18.87 1.02 0.00	21.34 1.28 0.00	22.30 1.58 -0.17	25.13 1.66 -3.28	25.12 1.64 -3.71	25.87 1.41 -5.88	27.69 1.44 -7.31	28.12 1.46 -7.25	39.57 1.60 -17.73	34.32 1.88 -11.50	37.86 1.93 -14.76	43.59 2.12 -17.70	47.82 2.56 -16.77	41.06 2.41 -9.90	38.29 2.28 -9.44	34.54 1.94 -8.89	30.29 1.82 -7.06	25.66 1.55 -3.99	23.19 1.32 -2.80
ELLENBURG_WT_PWR 323604	19.24 -0.02 0.00	17.34 -0.02 0.00	17.29 -0.02 0.00	17.14 -0.07 0.00	17.31 -0.05 0.00	17.81 -0.04 0.00	19.96 -0.10 0.00	20.57 0.02 0.00	20.22 0.02 0.00	19.79 0.02 0.00	18.63 0.06 0.00	18.98 0.04 0.00	19.44 0.02 0.00	20.32 0.08 0.00	20.90 -0.04 0.00	21.13 -0.04 0.00	23.85 0.07 0.00	28.49 0.00 0.00	28.77 0.03 0.00	26.57 0.00 0.00	23.66 -0.05 0.00	21.33 -0.09 0.00	20.14 0.02 0.00	19.06 -0.02 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.56 0.31 0.00	17.53 0.17 0.00	17.08 -0.22 0.00	16.97 -0.24 0.00	17.12 -0.24 0.00	17.72 -0.12 0.00	20.02 -0.04 0.00	20.61 0.06 0.00	20.18 -0.02 0.00	19.91 0.14 0.00	18.86 0.28 0.00	19.30 0.36 0.00	19.77 0.35 0.00	20.75 0.51 0.00	21.61 0.67 0.00	21.77 0.59 0.00	24.21 0.43 0.00	28.43 -0.06 0.00	28.54 -0.20 0.00	26.25 -0.32 0.00	23.80 0.09 0.00	21.37 -0.04 0.00	20.04 -0.08 0.00	18.64 -0.44 0.00
EMPIRE_CC_1 323656	19.74 0.48 0.00	17.84 0.49 0.00	17.82 0.52 0.00	17.76 0.55 0.00	17.88 0.52 0.00	18.40 0.55 0.00	20.60 0.54 0.00	21.02 0.47 0.00	20.72 0.52 0.00	20.21 0.43 0.00	18.99 0.41 0.00	19.34 0.40 0.00	19.82 0.41 0.00	20.61 0.36 0.00	21.44 0.50 0.00	21.68 0.51 0.00	24.33 0.55 0.00	29.34 0.85 0.00	29.66 0.92 0.00	27.47 0.90 0.00	24.49 0.78 0.00	22.14 0.73 0.00	20.62 0.50 0.00	19.59 0.52 0.00
EMPIRE_CC_2 323658	19.74 0.48 0.00	17.84 0.49 0.00	17.82 0.52 0.00	17.76 0.55 0.00	17.88 0.52 0.00	18.40 0.55 0.00	20.60 0.54 0.00	21.02 0.47 0.00	20.72 0.52 0.00	20.21 0.43 0.00	18.99 0.41 0.00	19.34 0.40 0.00	19.82 0.41 0.00	20.61 0.36 0.00	21.44 0.50 0.00	21.68 0.51 0.00	24.33 0.55 0.00	29.34 0.85 0.00	29.66 0.92 0.00	27.47 0.90 0.00	24.49 0.78 0.00	22.14 0.73 0.00	20.62 0.50 0.00	19.59 0.52 0.00

ENORWICH_115KV_TB1 80156	20.62 1.37 0.00	18.55 1.20 0.00	18.41 1.11 0.00	18.31 1.10 0.00	18.56 1.20 0.00	19.19 1.34 0.00	21.64 1.58 0.00	22.17 1.62 0.00	21.57 1.37 0.00	21.06 1.29 0.00	19.71 1.13 0.00	20.07 1.14 0.00	20.62 1.20 0.00	21.66 1.42 0.00	22.65 1.72 0.00	22.97 1.80 0.00	25.89 2.12 0.00	31.14 2.65 0.00	31.56 2.82 0.00	29.01 2.44 0.00	25.91 2.20 0.00	23.24 1.82 0.00	21.67 1.55 0.00	20.43 1.35 0.00
ERIE_ST__34_KV_TB1-2 80199	19.64 0.39 0.00	17.58 0.23 0.00	17.13 -0.17 0.00	17.02 -0.19 0.00	17.17 -0.19 0.00	17.81 -0.04 0.00	20.12 0.06 0.00	20.69 0.14 0.00	20.28 0.08 0.00	20.01 0.24 0.00	18.97 0.39 0.00	19.41 0.47 0.00	19.86 0.45 0.00	20.87 0.63 0.00	21.77 0.84 0.00	21.91 0.74 0.00	24.40 0.62 0.00	28.66 0.17 0.00	28.97 0.23 0.00	26.65 0.08 0.00	24.16 0.45 0.00	21.65 0.24 0.00	20.26 0.14 0.00	18.85 -0.23 0.00
ERIE_WT_PWR 323693	19.55 0.29 0.00	17.53 0.17 0.00	17.25 -0.05 0.00	16.95 -0.26 0.00	17.12 -0.24 0.00	17.72 -0.12 0.00	20.02 -0.04 0.00	20.61 0.06 0.00	20.18 -0.02 0.00	19.91 0.14 0.00	18.86 0.28 0.00	19.30 0.36 0.00	19.77 0.35 0.00	20.73 0.49 0.00	21.65 0.71 0.00	21.77 0.59 0.00	24.21 0.43 0.00	28.40 -0.09 0.00	28.74 0.00 0.00	26.46 -0.11 0.00	23.97 0.26 0.00	21.52 0.11 0.00	20.18 0.06 0.00	18.75 -0.32 0.00
ESPRGFLD_115KV_TB1 80157	19.97 0.71 0.00	17.96 0.61 0.00	17.91 0.61 0.00	17.81 0.60 0.00	18.01 0.64 0.00	18.53 0.68 0.00	20.90 0.84 0.00	21.51 0.97 0.00	21.15 0.95 0.00	20.64 0.87 0.00	19.32 0.74 0.00	19.70 0.76 0.00	20.15 0.74 0.00	21.11 0.87 0.00	22.00 1.07 0.00	22.27 1.10 0.00	25.09 1.31 0.00	30.17 1.68 0.00	30.47 1.72 0.00	28.08 1.51 0.00	25.06 1.35 0.00	22.61 1.20 0.00	21.06 0.95 0.00	19.82 0.74 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.72 0.46 0.00	17.72 0.36 0.00	17.60 0.29 0.00	17.50 0.29 0.00	17.68 0.31 0.00	18.21 0.36 0.00	20.54 0.48 0.00	21.02 0.47 0.00	20.60 0.40 0.00	20.19 0.42 0.00	18.97 0.39 0.00	19.34 0.40 0.00	19.82 0.41 0.00	20.71 0.47 0.00	21.52 0.59 0.00	21.79 0.61 0.00	24.47 0.69 0.00	29.23 0.74 0.00	29.58 0.83 0.00	27.26 0.69 0.00	24.42 0.71 0.00	21.97 0.56 0.00	20.58 0.46 0.00	19.42 0.34 0.00
ETNA____115KV_TB2 80207	19.72 0.46 0.00	17.72 0.36 0.00	17.60 0.29 0.00	17.50 0.29 0.00	17.68 0.31 0.00	18.21 0.36 0.00	20.54 0.48 0.00	21.02 0.47 0.00	20.60 0.40 0.00	20.19 0.42 0.00	18.97 0.39 0.00	19.34 0.40 0.00	19.82 0.41 0.00	20.71 0.47 0.00	21.52 0.59 0.00	21.79 0.61 0.00	24.47 0.69 0.00	29.23 0.74 0.00	29.58 0.83 0.00	27.26 0.69 0.00	24.42 0.71 0.00	21.97 0.56 0.00	20.58 0.46 0.00	19.42 0.34 0.00
EUCLID__115KV_TB2 356179	19.12 -0.13 0.00	17.20 -0.16 0.00	17.10 -0.21 0.00	17.00 -0.21 0.00	17.17 -0.19 0.00	17.65 -0.20 0.00	19.88 -0.18 0.00	20.32 -0.23 0.00	19.93 -0.26 0.00	19.54 -0.24 0.00	18.37 -0.20 0.00	18.75 -0.19 0.00	19.22 -0.19 0.00	20.02 -0.22 0.00	20.73 -0.21 0.00	20.96 -0.21 0.00	23.52 -0.26 0.00	28.09 -0.40 0.00	28.40 -0.34 0.00	26.19 -0.37 0.00	23.45 -0.26 0.00	21.14 -0.28 0.00	19.88 -0.24 0.00	18.86 -0.21 0.00
E_CANADA_CAP_HY 24051	19.99 0.73 0.00	18.00 0.64 0.00	17.93 0.62 0.00	17.85 0.64 0.00	18.04 0.68 0.00	18.56 0.71 0.00	20.98 0.92 0.00	21.59 1.05 0.00	21.27 1.07 0.00	20.70 0.93 0.00	19.38 0.80 0.00	19.73 0.80 0.00	20.17 0.76 0.00	21.07 0.83 0.00	21.98 1.05 0.00	22.25 1.08 0.00	25.09 1.31 0.00	30.28 1.80 0.00	30.67 1.93 0.00	28.27 1.70 0.00	25.20 1.49 0.00	22.79 1.37 0.00	21.18 1.07 0.00	19.91 0.84 0.00
E_CANADA_MHWK_HY 24050	19.81 0.56 0.00	17.87 0.52 0.00	17.82 0.52 0.00	17.72 0.52 0.00	17.90 0.54 0.00	18.40 0.55 0.00	20.70 0.64 0.00	21.08 0.53 0.00	20.70 0.51 0.00	20.27 0.49 0.00	19.02 0.45 0.00	19.37 0.44 0.00	19.88 0.47 0.00	20.75 0.51 0.00	21.50 0.57 0.00	21.75 0.57 0.00	24.42 0.64 0.00	29.28 0.80 0.00	29.55 0.80 0.00	27.28 0.72 0.00	24.35 0.64 0.00	22.04 0.62 0.00	20.66 0.54 0.00	19.67 0.59 0.00
E_FISHKILL__LBMP 23776	20.06 0.81 0.00	18.06 0.71 0.00	18.07 0.76 0.00	17.95 0.74 0.00	18.06 0.69 0.00	18.54 0.70 0.00	20.90 0.84 0.00	21.55 1.01 0.00	21.27 1.07 0.00	20.82 1.05 0.00	19.49 0.91 0.00	19.89 0.95 0.00	20.39 0.97 0.00	21.32 1.07 0.00	22.24 1.30 0.00	22.49 1.31 0.00	25.20 1.43 0.00	30.28 1.79 0.00	30.41 1.67 0.00	28.16 1.59 0.00	25.06 1.35 0.00	22.72 1.31 0.00	21.12 1.01 0.00	19.95 0.88 0.00
FALCON__SEABRD_CC1 323796	19.45 0.19 0.00	17.53 0.17 0.00	17.46 0.16 0.00	17.33 0.12 0.00	17.49 0.12 0.00	18.01 0.16 0.00	20.18 0.12 0.00	20.83 0.29 0.00	20.48 0.28 0.00	20.05 0.28 0.00	18.87 0.30 0.00	19.20 0.27 0.00	19.69 0.27 0.00	20.59 0.34 0.00	21.17 0.23 0.00	21.43 0.25 0.00	24.21 0.43 0.00	28.89 0.40 0.00	29.17 0.43 0.00	26.94 0.37 0.00	24.00 0.29 0.00	21.61 0.19 0.00	20.40 0.28 0.00	19.26 0.19 0.00
FALCON__SEABRD_CC2 323797	19.45 0.19 0.00	17.53 0.17 0.00	17.46 0.16 0.00	17.33 0.12 0.00	17.49 0.12 0.00	18.01 0.16 0.00	20.18 0.12 0.00	20.83 0.29 0.00	20.48 0.28 0.00	20.05 0.28 0.00	18.87 0.30 0.00	19.20 0.27 0.00	19.69 0.27 0.00	20.59 0.34 0.00	21.17 0.23 0.00	21.43 0.25 0.00	24.21 0.43 0.00	28.89 0.40 0.00	29.17 0.43 0.00	26.94 0.37 0.00	24.00 0.29 0.00	21.61 0.19 0.00	20.40 0.28 0.00	19.26 0.19 0.00
FAR ROCKAWAY__4 23548	20.82 1.56 0.00	18.65 1.30 0.00	18.57 1.26 0.00	18.36 1.15 0.00	18.53 1.16 0.00	19.10 1.25 0.00	21.62 1.56 0.00	22.56 1.85 -0.17	25.38 1.90 -3.28	25.38 1.90 -3.71	26.11 1.65 -5.88	27.96 1.70 -7.31	28.41 1.75 -7.25	39.88 1.90 -17.73	34.65 2.22 -11.50	38.12 2.18 -14.76	43.88 2.40 -17.70	48.16 2.91 -16.77	41.41 2.76 -9.90	38.61 2.60 -9.44	34.83 2.23 -8.89	30.61 2.14 -7.06	25.94 1.83 -3.99	23.52 1.64 -2.80
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.18 0.92 0.00	18.19 0.83 0.00	18.17 0.87 0.00	18.03 0.83 0.00	18.15 0.78 0.00	18.60 0.75 0.00	21.00 0.94 0.00	21.80 1.25 0.00	21.55 1.35 0.00	21.14 1.36 0.00	19.77 1.19 0.00	20.17 1.23 0.00	20.70 1.28 0.00	21.66 1.42 0.00	22.63 1.70 0.00	22.89 1.72 0.00	25.68 1.90 0.00	30.77 2.28 0.00	30.81 2.07 0.00	28.53 1.97 0.00	25.30 1.59 0.00	22.96 1.54 0.00	21.34 1.23 0.00	20.12 1.05 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.20 0.94 0.00	18.19 0.83 0.00	18.19 0.88 0.00	18.03 0.83 0.00	18.15 0.78 0.00	18.60 0.75 0.00	21.00 0.94 0.00	21.80 1.25 0.00	21.55 1.35 0.00	21.14 1.36 0.00	19.77 1.19 0.00	20.17 1.23 0.00	20.70 1.28 0.00	21.66 1.42 0.00	22.63 1.70 0.00	22.89 1.72 0.00	25.68 1.90 0.00	30.77 2.28 0.00	30.81 2.07 0.00	28.53 1.97 0.00	25.30 1.59 0.00	22.96 1.54 0.00	21.34 1.23 0.00	20.12 1.05 0.00

FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.18 0.92 0.00	18.17 0.82 0.00	18.17 0.87 0.00	18.02 0.81 0.00	18.13 0.76 0.00	18.60 0.75 0.00	21.00 0.94 0.00	21.78 1.23 0.00	21.55 1.35 0.00	21.12 1.34 0.00	19.77 1.19 0.00	20.17 1.23 0.00	20.70 1.28 0.00	21.64 1.40 0.00	22.61 1.67 0.00	22.87 1.69 0.00	25.66 1.88 0.00	30.74 2.25 0.00	30.78 2.04 0.00	28.51 1.94 0.00	25.27 1.56 0.00	22.94 1.52 0.00	21.32 1.21 0.00	20.10 1.03 0.00
FARRAGUT___LBMP 323566	20.16 0.91 0.00	18.17 0.82 0.00	18.15 0.85 0.00	18.02 0.81 0.00	18.11 0.75 0.00	18.58 0.73 0.00	20.98 0.92 0.00	21.78 1.23 0.00	21.53 1.33 0.00	21.10 1.32 0.00	19.75 1.17 0.00	20.15 1.21 0.00	20.68 1.26 0.00	21.62 1.38 0.00	22.59 1.65 0.00	22.85 1.67 0.00	25.63 1.85 0.00	30.71 2.22 0.00	30.75 2.01 0.00	28.48 1.91 0.00	25.25 1.54 0.00	22.91 1.50 0.00	21.32 1.21 0.00	20.10 1.03 0.00
FENNER___WINDPWR 24204	19.62 0.36 0.00	17.67 0.31 0.00	17.60 0.29 0.00	17.48 0.27 0.00	17.66 0.29 0.00	18.19 0.34 0.00	20.48 0.42 0.00	20.94 0.39 0.00	20.52 0.32 0.00	20.09 0.32 0.00	18.87 0.30 0.00	19.24 0.30 0.00	19.75 0.33 0.00	20.61 0.36 0.00	21.40 0.46 0.00	21.62 0.45 0.00	24.30 0.52 0.00	29.09 0.60 0.00	29.37 0.63 0.00	27.10 0.53 0.00	24.21 0.50 0.00	21.80 0.39 0.00	20.44 0.32 0.00	19.38 0.30 0.00
FIBERTEK___ENERGY 23856	19.31 0.06 0.00	17.37 0.02 0.00	17.27 -0.03 0.00	17.17 -0.03 0.00	17.35 -0.02 0.00	17.83 -0.02 0.00	20.10 0.04 0.00	20.53 -0.02 0.00	20.14 -0.06 0.00	19.73 -0.04 0.00	18.56 -0.02 0.00	18.96 0.02 0.00	19.42 0.00 0.00	20.24 0.00 0.00	20.96 0.02 0.00	21.22 0.04 0.00	23.78 0.00 0.00	28.43 -0.06 0.00	28.74 0.00 0.00	26.51 -0.05 0.00	23.71 0.00 0.00	21.37 -0.04 0.00	20.08 -0.04 0.00	19.06 -0.02 0.00
FITZPATRICK____ 23598	18.85 -0.41 0.00	16.99 -0.37 0.00	16.91 -0.40 0.00	16.79 -0.41 0.00	16.97 -0.40 0.00	17.44 -0.41 0.00	19.62 -0.44 0.00	20.03 -0.51 0.00	19.65 -0.54 0.00	19.26 -0.51 0.00	18.11 -0.46 0.00	18.48 -0.45 0.00	18.95 -0.47 0.00	19.72 -0.53 0.00	20.39 -0.54 0.00	20.60 -0.57 0.00	23.11 -0.67 0.00	27.63 -0.85 0.00	27.94 -0.80 0.00	25.80 -0.77 0.00	23.05 -0.66 0.00	20.82 -0.60 0.00	19.59 -0.52 0.00	18.64 -0.44 0.00
FLOWRFLD_69_KV_BK1 356044	21.03 1.77 0.00	18.86 1.51 0.00	18.74 1.44 0.00	18.52 1.31 0.00	18.70 1.34 0.00	19.29 1.45 0.00	21.88 1.83 0.00	23.04 2.32 -0.17	25.86 2.38 -3.28	25.84 2.35 -3.71	26.52 2.06 -5.88	28.39 2.14 -7.32	28.84 2.17 -7.25	40.34 2.37 -17.73	35.12 2.68 -11.50	38.71 2.77 -14.77	44.45 2.97 -17.70	48.87 3.62 -16.77	42.18 3.54 -9.91	39.41 3.40 -9.44	35.54 2.94 -8.89	31.11 2.63 -7.06	26.39 2.27 -4.00	23.71 1.83 -2.80
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.24 0.98 0.00	18.22 0.87 0.00	18.21 0.90 0.00	18.09 0.88 0.00	18.20 0.83 0.00	18.67 0.82 0.00	21.06 1.00 0.00	21.68 1.13 0.00	21.37 1.17 0.00	20.88 1.11 0.00	19.56 0.98 0.00	19.96 1.02 0.00	20.45 1.03 0.00	21.42 1.17 0.00	22.36 1.42 0.00	22.61 1.44 0.00	25.42 1.64 0.00	30.57 2.08 0.00	30.70 1.95 0.00	28.43 1.86 0.00	25.27 1.56 0.00	22.94 1.52 0.00	21.26 1.15 0.00	20.09 1.01 0.00
FORT ORANGE____ 23900	19.66 0.41 0.00	17.77 0.42 0.00	17.77 0.47 0.00	17.71 0.50 0.00	17.83 0.47 0.00	18.35 0.50 0.00	20.58 0.52 0.00	21.08 0.53 0.00	20.76 0.56 0.00	20.25 0.47 0.00	19.01 0.43 0.00	19.35 0.42 0.00	19.86 0.45 0.00	20.67 0.43 0.00	21.50 0.57 0.00	21.75 0.57 0.00	24.44 0.66 0.00	29.48 1.00 0.00	29.78 1.03 0.00	27.58 1.01 0.00	24.56 0.85 0.00	22.19 0.77 0.00	20.66 0.54 0.00	19.57 0.50 0.00
FORT_DRUM_COGEN 23780	19.14 -0.12 0.00	17.25 -0.10 0.00	17.18 -0.12 0.00	17.07 -0.14 0.00	17.29 -0.07 0.00	17.83 -0.02 0.00	20.08 0.02 0.00	20.59 0.04 0.00	20.10 -0.10 0.00	19.62 -0.16 0.00	18.43 -0.15 0.00	18.77 -0.17 0.00	19.24 -0.17 0.00	20.08 -0.16 0.00	20.81 -0.13 0.00	21.09 -0.08 0.00	23.80 0.02 0.00	28.66 0.17 0.00	29.03 0.29 0.00	26.73 0.16 0.00	23.78 0.07 0.00	21.39 -0.02 0.00	20.06 -0.06 0.00	19.02 -0.06 0.00
FPL_FAR_ROCK_GT1 24212	20.76 1.50 0.00	18.66 1.30 0.00	18.50 1.19 0.00	18.36 1.15 0.00	18.53 1.16 0.00	19.10 1.25 0.00	21.64 1.58 0.00	22.57 1.85 -0.17	25.38 1.90 -3.28	25.38 1.90 -3.71	26.11 1.65 -5.88	27.96 1.71 -7.31	28.47 1.81 -7.25	39.78 1.80 -17.73	34.55 2.11 -11.50	38.12 2.18 -14.76	43.88 2.40 -17.70	48.13 2.88 -16.77	41.41 2.76 -9.90	38.61 2.60 -9.44	34.80 2.21 -8.89	30.53 2.06 -7.06	25.92 1.81 -3.99	23.50 1.62 -2.80
FPL_FAR_ROCK_GT2 23815	20.76 1.50 0.00	18.66 1.30 0.00	18.50 1.19 0.00	18.36 1.15 0.00	18.53 1.16 0.00	19.10 1.25 0.00	21.64 1.58 0.00	22.57 1.85 -0.17	25.38 1.90 -3.28	25.38 1.90 -3.71	26.11 1.65 -5.88	27.96 1.71 -7.31	28.47 1.81 -7.25	39.78 1.80 -17.73	34.55 2.11 -11.50	38.12 2.18 -14.76	43.88 2.40 -17.70	48.13 2.88 -16.77	41.41 2.76 -9.90	38.61 2.60 -9.44	34.80 2.21 -8.89	30.53 2.06 -7.06	25.92 1.81 -3.99	23.50 1.62 -2.80
FRANKLIN_FALL_HYD 24054	19.12 -0.13 0.00	17.30 -0.05 0.00	17.24 -0.07 0.00	17.09 -0.12 0.00	17.28 -0.09 0.00	17.81 -0.04 0.00	19.92 -0.14 0.00	20.53 -0.02 0.00	20.14 -0.06 0.00	19.77 0.00 0.00	18.58 0.00 0.00	18.92 -0.02 0.00	19.45 0.04 0.00	20.26 0.02 0.00	20.81 -0.13 0.00	21.07 -0.11 0.00	23.85 0.07 0.00	28.43 -0.06 0.00	28.74 0.00 0.00	26.54 -0.03 0.00	23.61 -0.09 0.00	21.27 -0.15 0.00	20.10 -0.02 0.00	19.06 -0.02 0.00
FREEPORT_EQUS_GT1 23764	20.66 1.40 0.00	18.57 1.21 0.00	18.41 1.11 0.00	18.28 1.07 0.00	18.44 1.08 0.00	19.03 1.18 0.00	21.54 1.48 0.00	22.50 1.79 -0.17	25.36 1.88 -3.28	25.36 1.88 -3.71	26.07 1.62 -5.88	27.90 1.65 -7.31	28.39 1.73 -7.25	39.80 1.82 -17.73	34.55 2.11 -11.50	38.07 2.14 -14.76	43.85 2.38 -17.70	48.13 2.88 -16.77	41.38 2.73 -9.90	38.56 2.55 -9.44	34.80 2.21 -8.89	30.55 2.08 -7.06	25.88 1.77 -4.00	23.42 1.54 -2.80
FREEPORT___CT2 23818	20.66 1.40 0.00	18.57 1.21 0.00	18.41 1.11 0.00	18.28 1.07 0.00	18.44 1.08 0.00	19.03 1.18 0.00	21.54 1.48 0.00	22.50 1.79 -0.17	25.36 1.88 -3.28	25.36 1.88 -3.71	26.07 1.62 -5.88	27.90 1.65 -7.31	28.39 1.73 -7.25	39.80 1.82 -17.73	34.55 2.11 -11.50	38.07 2.14 -14.76	43.85 2.38 -17.70	48.13 2.88 -16.77	41.38 2.73 -9.90	38.56 2.55 -9.44	34.80 2.21 -8.89	30.55 2.08 -7.06	25.88 1.77 -4.00	23.42 1.54 -2.80
FRESHKLS_33_KV_LOAD 356253	20.28 1.02 0.00	18.19 0.83 0.00	18.22 0.92 0.00	18.03 0.83 0.00	18.11 0.75 0.00	18.40 0.55 0.00	20.66 0.60 0.00	21.46 0.92 0.01	21.28 1.09 0.01	20.91 1.15 0.01	19.54 0.97 0.01	19.95 1.02 0.01	20.48 1.07 0.01	21.45 1.21 0.01	22.48 1.55 0.01	22.75 1.59 0.01	25.55 1.78 0.01	30.67 2.19 0.01	30.72 1.98 0.01	28.39 1.83 0.01	24.96 1.26 0.01	22.67 1.26 0.01	21.16 1.05 0.00	20.05 0.97 0.00



FULTON COGEN____ 23766	19.16 -0.10 0.00	17.21 -0.14 0.00	17.13 -0.17 0.00	17.02 -0.19 0.00	17.19 -0.17 0.00	17.69 -0.16 0.00	19.92 -0.14 0.00	20.30 -0.25 0.00	19.91 -0.28 0.00	19.52 -0.26 0.00	18.35 -0.22 0.00	18.73 -0.21 0.00	19.18 -0.23 0.00	19.98 -0.26 0.00	20.69 -0.25 0.00	20.92 -0.25 0.00	23.47 -0.31 0.00	28.09 -0.40 0.00	28.37 -0.37 0.00	26.19 -0.37 0.00	23.43 -0.28 0.00	21.12 -0.30 0.00	19.86 -0.26 0.00	18.90 -0.17 0.00
FULTON____LFGE 323630	20.57 1.31 0.00	18.53 1.18 0.00	18.41 1.11 0.00	18.31 1.10 0.00	18.53 1.16 0.00	19.08 1.23 0.00	21.62 1.57 0.00	22.01 1.46 0.00	21.69 1.49 0.00	21.04 1.27 0.00	19.65 1.08 0.00	20.00 1.06 0.00	20.50 1.09 0.00	21.44 1.19 0.00	22.42 1.49 0.00	22.76 1.59 0.00	25.73 1.95 0.00	31.16 2.68 0.00	31.64 2.90 0.00	29.17 2.60 0.00	26.01 2.30 0.00	23.41 1.99 0.00	21.71 1.59 0.00	20.56 1.49 0.00
G.F.CEMENT____DRP 24184	19.87 0.62 0.00	17.93 0.57 0.00	17.88 0.57 0.00	17.78 0.57 0.00	17.95 0.59 0.00	18.46 0.61 0.00	20.82 0.76 0.00	21.37 0.82 0.00	21.49 1.29 0.00	20.80 1.03 0.00	19.49 0.91 0.00	19.85 0.91 0.00	20.35 0.93 0.00	21.26 1.01 0.00	22.13 1.19 0.00	22.36 1.19 0.00	25.20 1.43 0.00	30.48 1.99 0.00	30.87 2.13 0.00	28.59 2.02 0.00	25.51 1.80 0.00	23.02 1.61 0.00	21.37 1.25 0.00	20.16 1.09 0.00
GARDENVILLE____LBMP 24039	19.51 0.25 0.00	17.47 0.12 0.00	17.03 -0.28 0.00	16.93 -0.28 0.00	17.09 -0.28 0.00	17.69 -0.16 0.00	19.96 -0.10 0.00	20.55 0.00 0.00	20.12 -0.08 0.00	19.85 0.08 0.00	18.80 0.22 0.00	19.24 0.30 0.00	19.69 0.27 0.00	20.67 0.43 0.00	21.54 0.61 0.00	21.68 0.51 0.00	24.13 0.36 0.00	28.32 -0.17 0.00	28.66 -0.09 0.00	26.35 -0.21 0.00	23.90 0.19 0.00	21.46 0.04 0.00	20.12 0.00 0.00	18.69 -0.38 0.00
GARDNVLA_35_KV_LD 355827	19.58 0.33 0.00	17.53 0.17 0.00	17.10 -0.21 0.00	16.98 -0.22 0.00	17.14 -0.23 0.00	17.74 -0.11 0.00	20.04 -0.02 0.00	20.63 0.08 0.00	20.20 0.00 0.00	19.93 0.16 0.00	18.88 0.30 0.00	19.32 0.38 0.00	19.77 0.35 0.00	20.75 0.51 0.00	21.63 0.69 0.00	21.79 0.61 0.00	24.23 0.45 0.00	28.43 -0.06 0.00	28.80 0.06 0.00	26.49 -0.08 0.00	23.99 0.28 0.00	21.54 0.13 0.00	20.20 0.08 0.00	18.77 -0.31 0.00
GELCKHM__115KV_LOAD 80723	19.18 -0.08 0.00	17.25 -0.10 0.00	17.15 -0.16 0.00	17.05 -0.15 0.00	17.22 -0.14 0.00	17.71 -0.14 0.00	19.96 -0.10 0.00	20.40 -0.14 0.00	20.01 -0.18 0.00	19.62 -0.16 0.00	18.45 -0.13 0.00	18.82 -0.11 0.00	19.30 -0.12 0.00	20.10 -0.14 0.00	20.81 -0.13 0.00	21.05 -0.13 0.00	23.61 -0.17 0.00	28.23 -0.26 0.00	28.51 -0.23 0.00	26.33 -0.24 0.00	23.54 -0.17 0.00	21.22 -0.19 0.00	19.96 -0.16 0.00	18.94 -0.13 0.00
GENERAL____MILLS 23808	19.54 0.29 0.00	17.51 0.16 0.00	17.08 -0.22 0.00	16.97 -0.24 0.00	17.12 -0.24 0.00	17.72 -0.12 0.00	20.02 -0.04 0.00	20.59 0.04 0.00	20.18 -0.02 0.00	19.89 0.12 0.00	18.84 0.26 0.00	19.28 0.34 0.00	19.73 0.31 0.00	20.73 0.49 0.00	21.59 0.65 0.00	21.75 0.57 0.00	24.18 0.40 0.00	28.37 -0.11 0.00	28.74 0.00 0.00	26.43 -0.13 0.00	23.97 0.26 0.00	21.50 0.09 0.00	20.16 0.04 0.00	18.73 -0.34 0.00
GE_PLASTICS____DRP 24183	19.70 0.44 0.00	17.77 0.42 0.00	17.79 0.48 0.00	17.71 0.50 0.00	17.85 0.49 0.00	18.35 0.50 0.00	20.58 0.52 0.00	21.08 0.53 0.00	20.76 0.57 0.00	20.25 0.47 0.00	19.02 0.45 0.00	19.37 0.44 0.00	19.86 0.45 0.00	20.71 0.47 0.00	21.54 0.61 0.00	21.77 0.59 0.00	24.44 0.67 0.00	29.46 0.97 0.00	29.72 0.98 0.00	27.52 0.96 0.00	24.52 0.81 0.00	22.16 0.75 0.00	20.66 0.54 0.00	19.57 0.50 0.00
GILBOA____1 23756	19.74 0.48 0.00	17.80 0.45 0.00	17.89 0.59 0.00	17.88 0.67 0.00	18.02 0.66 0.00	18.46 0.61 0.00	20.68 0.62 0.00	21.16 0.62 0.00	20.84 0.65 0.00	20.39 0.61 0.00	19.10 0.52 0.00	19.47 0.53 0.00	19.98 0.56 0.00	20.83 0.59 0.00	21.67 0.73 0.00	21.91 0.74 0.00	24.59 0.81 0.00	29.54 1.05 0.00	29.75 1.01 0.00	27.55 0.98 0.00	24.59 0.88 0.00	22.23 0.81 0.00	20.74 0.62 0.00	19.63 0.55 0.00
GILBOA____2 23757	19.74 0.48 0.00	17.80 0.45 0.00	17.89 0.59 0.00	17.88 0.67 0.00	18.02 0.66 0.00	18.46 0.61 0.00	20.68 0.62 0.00	21.16 0.62 0.00	20.84 0.65 0.00	20.39 0.61 0.00	19.10 0.52 0.00	19.47 0.53 0.00	19.98 0.56 0.00	20.83 0.59 0.00	21.67 0.73 0.00	21.91 0.74 0.00	24.59 0.81 0.00	29.54 1.05 0.00	29.75 1.01 0.00	27.55 0.98 0.00	24.59 0.88 0.00	22.23 0.81 0.00	20.74 0.62 0.00	19.63 0.55 0.00
GILBOA____3 23758	19.74 0.48 0.00	17.80 0.45 0.00	17.89 0.59 0.00	17.88 0.67 0.00	18.02 0.66 0.00	18.46 0.61 0.00	20.68 0.62 0.00	21.16 0.62 0.00	20.84 0.65 0.00	20.39 0.61 0.00	19.10 0.52 0.00	19.47 0.53 0.00	19.98 0.56 0.00	20.83 0.59 0.00	21.67 0.73 0.00	21.91 0.74 0.00	24.59 0.81 0.00	29.54 1.05 0.00	29.75 1.01 0.00	27.55 0.98 0.00	24.59 0.88 0.00	22.23 0.81 0.00	20.74 0.62 0.00	19.63 0.55 0.00
GILBOA____4 23759	19.74 0.48 0.00	17.80 0.45 0.00	17.89 0.59 0.00	17.88 0.67 0.00	18.02 0.66 0.00	18.46 0.61 0.00	20.68 0.62 0.00	21.16 0.62 0.00	20.84 0.65 0.00	20.39 0.61 0.00	19.10 0.52 0.00	19.47 0.53 0.00	19.98 0.56 0.00	20.83 0.59 0.00	21.67 0.73 0.00	21.91 0.74 0.00	24.59 0.81 0.00	29.54 1.05 0.00	29.75 1.01 0.00	27.55 0.98 0.00	24.59 0.88 0.00	22.23 0.81 0.00	20.74 0.62 0.00	19.63 0.55 0.00
GILBOA____ 23599	19.78 0.52 0.00	17.80 0.45 0.00	17.91 0.61 0.00	17.88 0.67 0.00	18.02 0.66 0.00	18.46 0.61 0.00	20.68 0.62 0.00	21.16 0.62 0.00	20.84 0.65 0.00	20.37 0.59 0.00	19.10 0.52 0.00	19.47 0.53 0.00	19.94 0.52 0.00	20.83 0.59 0.00	21.67 0.73 0.00	21.91 0.74 0.00	24.59 0.81 0.00	29.54 1.05 0.00	29.75 1.01 0.00	27.55 0.98 0.00	24.59 0.88 0.00	22.23 0.81 0.00	20.74 0.62 0.00	19.63 0.55 0.00
GINNA____ 23603	18.48 -0.77 0.00	16.61 -0.75 0.00	16.46 -0.85 0.00	16.28 -0.93 0.00	16.44 -0.92 0.00	16.96 -0.89 0.00	19.14 -0.92 0.00	19.64 -0.90 0.00	19.27 -0.93 0.00	18.94 -0.83 0.00	17.87 -0.71 0.00	18.24 -0.70 0.00	18.70 -0.72 0.00	19.53 -0.71 0.00	20.29 -0.65 0.00	20.48 -0.70 0.00	22.90 -0.88 0.00	27.18 -1.31 0.00	27.54 -1.21 0.00	25.40 -1.17 0.00	22.81 -0.90 0.00	20.52 -0.90 0.00	19.25 -0.86 0.00	18.10 -0.97 0.00
GLEN PARK____ 23778	19.26 0.00 0.00	17.34 -0.02 0.00	17.27 -0.03 0.00	17.14 -0.07 0.00	17.38 0.02 0.00	17.94 0.09 0.00	20.20 0.14 0.00	20.69 0.14 0.00	20.20 0.00 0.00	19.69 -0.08 0.00	18.50 -0.07 0.00	18.84 -0.09 0.00	19.30 -0.12 0.00	20.18 -0.06 0.00	20.94 0.00 0.00	21.19 0.02 0.00	23.95 0.17 0.00	28.86 0.37 0.00	29.23 0.49 0.00	26.89 0.32 0.00	23.92 0.21 0.00	21.50 0.09 0.00	20.18 0.06 0.00	19.11 0.04 0.00

GLENDALE_27_KV_LOAD 356172	20.24 0.98 0.00	18.22 0.87 0.00	18.22 0.92 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.60 0.75 0.00	20.98 0.92 0.00	21.80 1.25 0.00	21.59 1.39 0.00	21.18 1.40 0.00	19.80 1.23 0.00	20.21 1.27 0.00	20.74 1.32 0.00	21.70 1.46 0.00	22.70 1.76 0.00	22.97 1.80 0.00	25.75 1.97 0.00	30.88 2.39 0.00	30.93 2.18 0.00	28.61 2.05 0.00	25.30 1.59 0.00	22.96 1.54 0.00	21.34 1.23 0.00	20.14 1.07 0.00
GLENWOOD_IC_1_G5 23712	20.49 1.23 0.00	18.39 1.04 0.00	18.34 1.04 0.00	18.17 0.96 0.00	18.32 0.96 0.00	18.85 1.00 0.00	21.32 1.26 0.00	22.26 1.54 -0.17	25.09 1.62 -3.28	25.09 1.60 -3.71	25.89 1.43 -5.88	27.73 1.48 -7.31	28.18 1.51 -7.25	39.64 1.66 -17.73	34.28 1.84 -11.50	37.74 1.80 -14.76	43.47 2.00 -17.70	47.68 2.42 -16.77	40.89 2.24 -9.90	38.13 2.13 -9.44	34.40 1.80 -8.89	30.34 1.86 -7.06	25.62 1.51 -4.00	23.17 1.30 -2.80
GLENWOOD_IC_2_G1 23688	20.29 1.04 0.00	18.29 0.94 0.00	18.19 0.88 0.00	18.10 0.89 0.00	18.23 0.87 0.00	18.74 0.89 0.00	21.18 1.12 0.00	22.09 1.38 -0.17	24.95 1.47 -3.28	24.95 1.46 -3.71	25.74 1.28 -5.88	27.58 1.33 -7.31	28.06 1.40 -7.25	39.47 1.50 -17.73	34.17 1.74 -11.50	37.72 1.78 -14.76	43.43 1.95 -17.70	47.62 2.36 -16.77	40.86 2.21 -9.90	38.11 2.10 -9.44	34.38 1.78 -8.89	30.16 1.69 -7.06	25.48 1.37 -3.99	23.06 1.18 -2.80
GLENWOOD_IC_3_G1 23689	20.29 1.04 0.00	18.29 0.94 0.00	18.19 0.88 0.00	18.10 0.89 0.00	18.23 0.87 0.00	18.74 0.89 0.00	21.18 1.12 0.00	22.09 1.38 -0.17	24.95 1.47 -3.28	24.95 1.46 -3.71	25.74 1.28 -5.88	27.58 1.33 -7.31	28.06 1.40 -7.25	39.47 1.50 -17.73	34.17 1.74 -11.50	37.72 1.78 -14.76	43.43 1.95 -17.70	47.62 2.36 -16.77	40.86 2.21 -9.90	38.11 2.10 -9.44	34.38 1.78 -8.89	30.16 1.69 -7.06	25.48 1.37 -3.99	23.06 1.18 -2.80
GLENWOOD___4 23550	20.49 1.23 0.00	18.39 1.04 0.00	18.34 1.04 0.00	18.17 0.96 0.00	18.32 0.96 0.00	18.85 1.00 0.00	21.32 1.26 0.00	22.26 1.54 -0.17	25.09 1.62 -3.28	25.09 1.60 -3.71	25.89 1.43 -5.88	27.73 1.48 -7.31	28.18 1.51 -7.25	39.64 1.66 -17.73	34.32 1.88 -11.50	37.80 1.86 -14.76	43.55 2.07 -17.70	47.73 2.48 -16.77	40.97 2.33 -9.90	38.21 2.21 -9.44	34.45 1.85 -8.89	30.34 1.86 -7.06	25.62 1.51 -4.00	23.17 1.30 -2.80
GLENWOOD___5 23614	20.49 1.23 0.00	18.39 1.04 0.00	18.34 1.04 0.00	18.17 0.96 0.00	18.32 0.96 0.00	18.85 1.00 0.00	21.32 1.26 0.00	22.26 1.54 -0.17	25.09 1.62 -3.28	25.09 1.60 -3.71	25.89 1.43 -5.88	27.73 1.48 -7.31	28.18 1.51 -7.25	39.64 1.66 -17.73	34.32 1.88 -11.50	37.80 1.86 -14.76	43.55 2.07 -17.70	47.73 2.48 -16.77	40.97 2.33 -9.90	38.21 2.21 -9.44	34.45 1.85 -8.89	30.34 1.86 -7.06	25.62 1.51 -4.00	23.17 1.30 -2.80
GLOBAL GREEN_PORT_GT1 23814	21.66 2.41 0.00	19.47 2.12 0.00	19.26 1.95 0.00	19.07 1.86 0.00	19.27 1.91 0.00	19.92 2.07 0.00	22.59 2.53 0.00	23.74 3.02 -0.17	26.63 3.15 -3.28	26.61 3.12 -3.71	27.17 2.71 -5.88	29.11 2.86 -7.31	29.60 2.93 -7.25	41.13 3.16 -17.73	36.04 3.60 -11.50	39.69 3.75 -14.76	45.66 4.19 -17.70	50.38 5.13 -16.77	43.59 4.95 -9.91	40.58 4.57 -9.44	36.63 4.03 -8.89	32.07 3.60 -7.06	27.23 3.12 -4.00	24.53 2.65 -2.80
GLOBE___DSASP 323697	18.81 -0.44 0.00	16.88 -0.47 0.00	16.46 -0.85 0.00	16.36 -0.84 0.00	16.69 -0.68 0.00	17.06 -0.79 0.00	19.36 -0.70 0.00	19.81 -0.74 0.00	19.37 -0.83 0.00	19.10 -0.67 0.00	18.08 -0.50 0.00	18.50 -0.44 0.00	18.93 -0.49 0.00	19.86 -0.38 0.00	20.66 -0.27 0.00	20.81 -0.36 0.00	23.11 -0.67 0.00	27.06 -1.42 0.00	27.48 -1.26 0.00	25.29 -1.28 0.00	22.95 -0.76 0.00	20.64 -0.77 0.00	19.41 -0.70 0.00	18.04 -1.03 0.00
GOETHSLN___LBMP 323567	20.06 0.81 0.00	18.08 0.73 0.00	18.08 0.78 0.00	17.93 0.72 0.00	18.04 0.68 0.00	18.49 0.64 0.00	20.88 0.82 0.00	21.68 1.13 0.00	21.43 1.23 0.00	21.02 1.25 0.00	19.67 1.10 0.00	20.07 1.14 0.00	20.60 1.18 0.00	21.54 1.30 0.00	22.51 1.57 0.00	22.76 1.59 0.00	25.54 1.76 0.00	30.57 2.08 0.00	30.61 1.87 0.00	28.37 1.81 0.00	25.16 1.45 0.00	22.81 1.39 0.00	21.24 1.13 0.00	20.03 0.95 0.00
GOLAH___69_KV_TB 1_2 80279	19.47 0.21 0.00	17.47 0.12 0.00	17.13 -0.17 0.00	17.02 -0.19 0.00	17.19 -0.17 0.00	17.76 -0.09 0.00	20.02 -0.04 0.00	20.55 0.00 0.00	20.14 -0.06 0.00	19.81 0.04 0.00	18.73 0.15 0.00	19.15 0.21 0.00	19.59 0.17 0.00	20.51 0.26 0.00	21.29 0.36 0.00	21.43 0.25 0.00	23.90 0.12 0.00	28.29 -0.20 0.00	28.68 -0.06 0.00	26.49 -0.08 0.00	23.88 0.17 0.00	21.48 0.06 0.00	20.16 0.04 0.00	18.90 -0.17 0.00
GOODYEAR_LAKE_HYD 323669	19.95 0.69 0.00	17.94 0.59 0.00	17.91 0.61 0.00	17.83 0.62 0.00	18.01 0.64 0.00	18.51 0.66 0.00	20.84 0.78 0.00	21.41 0.86 0.00	21.02 0.83 0.00	20.56 0.79 0.00	19.28 0.71 0.00	19.66 0.72 0.00	20.15 0.74 0.00	21.09 0.85 0.00	21.98 1.05 0.00	22.23 1.06 0.00	24.99 1.21 0.00	30.00 1.51 0.00	30.27 1.52 0.00	27.89 1.33 0.00	24.90 1.19 0.00	22.46 1.05 0.00	20.94 0.82 0.00	19.76 0.69 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	19.56 0.31 0.00	17.58 0.23 0.00	17.44 0.14 0.00	17.35 0.14 0.00	17.50 0.14 0.00	18.03 0.18 0.00	20.30 0.24 0.00	20.81 0.27 0.00	20.42 0.22 0.00	20.05 0.28 0.00	18.86 0.28 0.00	19.24 0.30 0.00	19.73 0.31 0.00	20.63 0.38 0.00	21.46 0.52 0.00	21.70 0.53 0.00	24.30 0.52 0.00	28.94 0.46 0.00	29.20 0.46 0.00	26.96 0.40 0.00	24.18 0.47 0.00	21.80 0.39 0.00	20.40 0.28 0.00	19.21 0.13 0.00
GOUDEY___7 23579	19.58 0.33 0.00	17.60 0.24 0.00	17.46 0.16 0.00	17.35 0.14 0.00	17.52 0.16 0.00	18.04 0.20 0.00	20.32 0.26 0.00	20.83 0.29 0.00	20.44 0.24 0.00	20.07 0.30 0.00	18.88 0.30 0.00	19.26 0.32 0.00	19.75 0.33 0.00	20.65 0.40 0.00	21.48 0.54 0.00	21.72 0.55 0.00	24.33 0.55 0.00	28.97 0.48 0.00	29.23 0.49 0.00	26.99 0.43 0.00	24.21 0.50 0.00	21.82 0.41 0.00	20.42 0.30 0.00	19.23 0.15 0.00
GOUDEY___8 23580	19.56 0.31 0.00	17.58 0.23 0.00	17.44 0.14 0.00	17.35 0.14 0.00	17.50 0.14 0.00	18.03 0.18 0.00	20.30 0.24 0.00	20.81 0.27 0.00	20.42 0.22 0.00	20.05 0.28 0.00	18.86 0.28 0.00	19.24 0.30 0.00	19.73 0.31 0.00	20.63 0.38 0.00	21.46 0.52 0.00	21.70 0.53 0.00	24.30 0.52 0.00	28.94 0.46 0.00	29.20 0.46 0.00	26.96 0.40 0.00	24.18 0.47 0.00	21.80 0.39 0.00	20.40 0.28 0.00	19.21 0.13 0.00
GOWANUS_GT1_1 24077	20.30 1.04 0.00	18.22 0.87 0.00	18.24 0.93 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.62 1.07 0.00	21.43 1.23 0.00	21.06 1.29 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.60 1.36 0.00	22.61 1.67 0.00	22.89 1.72 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.10 1.03 0.00

GOWANUS_GT1_2 24078	20.30 1.04 0.00	18.22 0.87 0.00	18.24 0.93 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.62 1.07 0.00	21.43 1.23 0.00	21.06 1.29 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.60 1.36 0.00	22.61 1.67 0.00	22.89 1.72 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.10 1.03 0.00
GOWANUS_GT1_3 24079	20.30 1.04 0.00	18.22 0.87 0.00	18.24 0.93 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.62 1.07 0.00	21.43 1.23 0.00	21.06 1.29 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.60 1.36 0.00	22.61 1.67 0.00	22.89 1.72 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.10 1.03 0.00
GOWANUS_GT1_4 24080	20.30 1.04 0.00	18.22 0.87 0.00	18.24 0.93 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.62 1.07 0.00	21.43 1.23 0.00	21.06 1.29 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.60 1.36 0.00	22.61 1.67 0.00	22.89 1.72 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.10 1.03 0.00
GOWANUS_GT1_5 24084	20.30 1.04 0.00	18.22 0.87 0.00	18.24 0.93 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.62 1.07 0.00	21.43 1.23 0.00	21.06 1.29 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.60 1.36 0.00	22.61 1.67 0.00	22.89 1.72 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.10 1.03 0.00
GOWANUS_GT1_6 24111	20.30 1.04 0.00	18.22 0.87 0.00	18.24 0.93 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.62 1.07 0.00	21.43 1.23 0.00	21.06 1.29 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.60 1.36 0.00	22.61 1.67 0.00	22.89 1.72 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.10 1.03 0.00
GOWANUS_GT1_7 24112	20.30 1.04 0.00	18.22 0.87 0.00	18.24 0.93 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.62 1.07 0.00	21.43 1.23 0.00	21.06 1.29 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.60 1.36 0.00	22.61 1.67 0.00	22.89 1.72 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.10 1.03 0.00
GOWANUS_GT1_8 24113	20.30 1.04 0.00	18.22 0.87 0.00	18.24 0.93 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.62 1.07 0.00	21.43 1.23 0.00	21.06 1.29 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.60 1.36 0.00	22.61 1.67 0.00	22.89 1.72 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.10 1.03 0.00
GOWANUS_GT2_1 24114	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
GOWANUS_GT2_2 24115	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
GOWANUS_GT2_3 24116	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
GOWANUS_GT2_4 24117	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
GOWANUS_GT2_5 24118	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
GOWANUS_GT2_6 24119	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
GOWANUS_GT2_7 24120	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
GOWANUS_GT2_8 24121	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00

GOWANUS_GT3_1 24122	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
GOWANUS_GT3_2 24123	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
GOWANUS_GT3_3 24124	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
GOWANUS_GT3_4 24125	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
GOWANUS_GT3_5 24126	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
GOWANUS_GT3_6 24127	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
GOWANUS_GT3_7 24128	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
GOWANUS_GT3_8 24129	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
GOWANUS_GT4_1 24130	20.30 1.04 0.00	18.22 0.87 0.00	18.24 0.93 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.62 1.07 0.00	21.43 1.23 0.00	21.06 1.29 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.60 1.36 0.00	22.61 1.67 0.00	22.89 1.72 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.10 1.03 0.00
GOWANUS_GT4_2 24131	20.30 1.04 0.00	18.22 0.87 0.00	18.24 0.93 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.62 1.07 0.00	21.43 1.23 0.00	21.06 1.29 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.60 1.36 0.00	22.61 1.67 0.00	22.89 1.72 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.10 1.03 0.00
GOWANUS_GT4_3 24132	20.30 1.04 0.00	18.22 0.87 0.00	18.24 0.93 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.62 1.07 0.00	21.43 1.23 0.00	21.06 1.29 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.60 1.36 0.00	22.61 1.67 0.00	22.89 1.72 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.10 1.03 0.00
GOWANUS_GT4_4 24133	20.30 1.04 0.00	18.22 0.87 0.00	18.24 0.93 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.62 1.07 0.00	21.43 1.23 0.00	21.06 1.29 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.60 1.36 0.00	22.61 1.67 0.00	22.89 1.72 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.10 1.03 0.00
GOWANUS_GT4_5 24134	20.30 1.04 0.00	18.22 0.87 0.00	18.24 0.93 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.62 1.07 0.00	21.43 1.23 0.00	21.06 1.29 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.60 1.36 0.00	22.61 1.67 0.00	22.89 1.72 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.10 1.03 0.00
GOWANUS_GT4_6 24135	20.30 1.04 0.00	18.22 0.87 0.00	18.24 0.93 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.62 1.07 0.00	21.43 1.23 0.00	21.06 1.29 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.60 1.36 0.00	22.61 1.67 0.00	22.89 1.72 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.10 1.03 0.00
GOWANUS_GT4_7 24136	20.30 1.04 0.00	18.22 0.87 0.00	18.24 0.93 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.62 1.07 0.00	21.43 1.23 0.00	21.06 1.29 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.60 1.36 0.00	22.61 1.67 0.00	22.89 1.72 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.10 1.03 0.00

GOWANUS_GT4_8 24137	20.30 1.04 0.00	18.22 0.87 0.00	18.24 0.93 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.62 1.07 0.00	21.43 1.23 0.00	21.06 1.29 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.60 1.36 0.00	22.61 1.67 0.00	22.89 1.72 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.10 1.03 0.00
GREENBSH_115KV_TB3 55895	19.60 0.35 0.00	17.68 0.33 0.00	17.70 0.40 0.00	17.62 0.41 0.00	17.76 0.40 0.00	18.26 0.41 0.00	20.48 0.42 0.00	20.98 0.43 0.00	20.66 0.46 0.00	20.13 0.36 0.00	18.93 0.35 0.00	19.28 0.34 0.00	19.77 0.35 0.00	20.59 0.34 0.00	21.42 0.48 0.00	21.64 0.47 0.00	24.30 0.52 0.00	29.31 0.83 0.00	29.58 0.83 0.00	27.42 0.85 0.00	24.42 0.71 0.00	22.08 0.66 0.00	20.54 0.42 0.00	19.49 0.42 0.00
GREENDGE_115KV_TB5 80291	19.64 0.39 0.00	17.63 0.28 0.00	17.39 0.09 0.00	17.28 0.07 0.00	17.49 0.12 0.00	18.04 0.20 0.00	20.40 0.34 0.00	20.92 0.37 0.00	20.48 0.28 0.00	20.13 0.36 0.00	18.95 0.37 0.00	19.35 0.42 0.00	19.84 0.43 0.00	20.75 0.51 0.00	21.61 0.67 0.00	21.87 0.70 0.00	24.49 0.71 0.00	29.08 0.60 0.00	29.43 0.69 0.00	27.10 0.53 0.00	24.37 0.66 0.00	21.89 0.47 0.00	20.46 0.34 0.00	19.19 0.11 0.00
GREENIDGE___3 23582	19.64 0.39 0.00	17.63 0.28 0.00	17.39 0.09 0.00	17.28 0.07 0.00	17.49 0.12 0.00	18.04 0.20 0.00	20.40 0.34 0.00	20.92 0.37 0.00	20.48 0.28 0.00	20.13 0.36 0.00	18.95 0.37 0.00	19.35 0.42 0.00	19.84 0.43 0.00	20.75 0.51 0.00	21.61 0.67 0.00	21.87 0.70 0.00	24.49 0.71 0.00	29.08 0.60 0.00	29.43 0.69 0.00	27.10 0.53 0.00	24.37 0.66 0.00	21.89 0.47 0.00	20.46 0.34 0.00	19.19 0.11 0.00
GREENIDGE___4 23583	19.64 0.38 0.00	17.63 0.28 0.00	17.46 0.16 0.00	17.28 0.07 0.00	17.49 0.12 0.00	18.05 0.20 0.00	20.40 0.34 0.00	20.92 0.37 0.00	20.48 0.28 0.00	20.13 0.36 0.00	18.95 0.37 0.00	19.35 0.42 0.00	19.86 0.45 0.00	20.75 0.51 0.00	21.65 0.71 0.00	21.87 0.70 0.00	24.49 0.71 0.00	29.09 0.60 0.00	29.43 0.69 0.00	27.10 0.53 0.00	24.37 0.66 0.00	21.89 0.47 0.00	20.46 0.34 0.00	19.19 0.12 0.00
GREENLWN_69_KV_BK 3 55738	20.74 1.48 0.00	18.60 1.25 0.00	18.50 1.19 0.00	18.29 1.08 0.00	18.47 1.11 0.00	19.04 1.20 0.00	21.58 1.52 0.00	22.56 1.85 -0.17	25.40 1.92 -3.28	25.38 1.90 -3.71	26.11 1.65 -5.88	27.96 1.70 -7.32	28.40 1.73 -7.25	39.86 1.88 -17.74	34.62 2.18 -11.50	38.19 2.24 -14.77	43.95 2.47 -17.70	48.25 2.99 -16.77	41.50 2.85 -9.91	38.70 2.68 -9.45	34.90 2.30 -8.89	30.60 2.12 -7.06	25.95 1.83 -4.00	23.44 1.56 -2.80
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.30 1.04 0.00	18.22 0.87 0.00	18.24 0.93 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.62 1.07 0.00	21.43 1.23 0.00	21.06 1.29 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.60 1.36 0.00	22.61 1.67 0.00	22.89 1.72 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.10 1.03 0.00
GRISSOM___SOLAR 323813	20.57 1.31 0.00	18.53 1.18 0.00	18.41 1.11 0.00	18.31 1.10 0.00	18.53 1.16 0.00	19.08 1.23 0.00	21.62 1.57 0.00	22.01 1.46 0.00	21.69 1.49 0.00	21.04 1.27 0.00	19.65 1.08 0.00	20.00 1.06 0.00	20.50 1.09 0.00	21.44 1.19 0.00	22.42 1.49 0.00	22.76 1.59 0.00	25.73 1.95 0.00	31.16 2.68 0.00	31.64 2.90 0.00	29.17 2.60 0.00	26.01 2.30 0.00	23.41 1.99 0.00	21.71 1.59 0.00	20.56 1.49 0.00
GROVEVILLE___HYD 323602	20.24 0.98 0.00	18.22 0.87 0.00	18.21 0.90 0.00	18.09 0.88 0.00	18.20 0.83 0.00	18.67 0.82 0.00	21.06 1.00 0.00	21.68 1.13 0.00	21.37 1.17 0.00	20.88 1.11 0.00	19.56 0.98 0.00	19.96 1.02 0.00	20.45 1.03 0.00	21.42 1.17 0.00	22.36 1.42 0.00	22.61 1.44 0.00	25.42 1.64 0.00	30.57 2.08 0.00	30.70 1.95 0.00	28.43 1.86 0.00	25.27 1.56 0.00	22.94 1.52 0.00	21.26 1.15 0.00	20.09 1.01 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.31 0.06 0.00	17.37 0.02 0.00	17.27 -0.03 0.00	17.17 -0.03 0.00	17.35 -0.02 0.00	17.83 -0.02 0.00	20.10 0.04 0.00	20.53 -0.02 0.00	20.14 -0.06 0.00	19.73 -0.04 0.00	18.56 -0.02 0.00	18.96 0.02 0.00	19.42 0.00 0.00	20.24 0.00 0.00	20.96 0.02 0.00	21.22 0.04 0.00	23.78 0.00 0.00	28.43 -0.06 0.00	28.74 0.00 0.00	26.51 -0.05 0.00	23.71 0.00 0.00	21.37 -0.04 0.00	20.08 -0.04 0.00	19.06 -0.02 0.00
HAMLTNNY_34_KV_TB 80303	19.35 0.10 0.00	17.39 0.03 0.00	17.27 -0.03 0.00	17.17 -0.03 0.00	17.35 -0.02 0.00	17.85 0.00 0.00	20.12 0.06 0.00	20.59 0.04 0.00	20.20 0.00 0.00	19.81 0.04 0.00	18.63 0.06 0.00	19.03 0.09 0.00	19.49 0.08 0.00	20.32 0.08 0.00	21.06 0.13 0.00	21.32 0.15 0.00	23.87 0.10 0.00	28.52 0.03 0.00	28.83 0.09 0.00	26.59 0.03 0.00	23.80 0.09 0.00	21.46 0.04 0.00	20.14 0.02 0.00	19.06 -0.02 0.00
HAMPSHIRE___PAPER_HYD 323593	18.89 -0.37 0.00	16.99 -0.37 0.00	16.92 -0.38 0.00	16.81 -0.40 0.00	17.02 -0.35 0.00	17.54 -0.30 0.00	19.62 -0.44 0.00	20.11 -0.43 0.00	19.69 -0.50 0.00	19.22 -0.55 0.00	18.13 -0.45 0.00	18.47 -0.47 0.00	18.81 -0.60 0.00	19.68 -0.57 0.00	20.31 -0.63 0.00	20.56 -0.61 0.00	23.23 -0.55 0.00	27.89 -0.60 0.00	28.19 -0.55 0.00	25.98 -0.58 0.00	23.12 -0.59 0.00	20.90 -0.51 0.00	19.68 -0.44 0.00	18.77 -0.31 0.00
HARDSCRABBLE_WT_PWR 323673	19.72 0.46 0.00	17.79 0.43 0.00	17.74 0.43 0.00	17.64 0.43 0.00	17.81 0.45 0.00	18.33 0.48 0.00	20.62 0.56 0.00	21.00 0.45 0.00	20.62 0.42 0.00	20.19 0.42 0.00	18.97 0.39 0.00	19.32 0.38 0.00	19.82 0.41 0.00	20.69 0.44 0.00	21.42 0.48 0.00	21.66 0.49 0.00	24.33 0.55 0.00	29.17 0.68 0.00	29.43 0.69 0.00	27.20 0.64 0.00	24.26 0.55 0.00	21.95 0.54 0.00	20.58 0.46 0.00	19.57 0.50 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.08 0.83 0.00	18.08 0.73 0.00	18.05 0.74 0.00	17.93 0.72 0.00	18.04 0.68 0.00	18.53 0.68 0.00	20.90 0.84 0.00	21.51 0.97 0.00	21.23 1.03 0.00	20.78 1.01 0.00	19.45 0.87 0.00	19.85 0.91 0.00	20.35 0.93 0.00	21.30 1.05 0.00	22.24 1.30 0.00	22.49 1.31 0.00	25.25 1.47 0.00	30.31 1.82 0.00	30.41 1.67 0.00	28.16 1.59 0.00	25.06 1.35 0.00	22.72 1.31 0.00	21.12 1.01 0.00	19.95 0.88 0.00
HARSNRAD_115KV_TB1 81005	19.29 0.04 0.00	17.34 -0.02 0.00	16.89 -0.42 0.00	16.80 -0.41 0.00	16.88 -0.49 0.00	17.51 -0.34 0.00	19.70 -0.36 0.00	20.26 -0.29 0.00	19.83 -0.36 0.00	19.58 -0.20 0.00	18.52 -0.06 0.00	18.96 0.02 0.00	19.40 -0.02 0.00	20.36 0.12 0.00	21.19 0.25 0.00	21.34 0.17 0.00	23.71 -0.07 0.00	27.83 -0.66 0.00	28.22 -0.52 0.00	25.96 -0.61 0.00	23.54 -0.17 0.00	21.14 -0.28 0.00	19.86 -0.26 0.00	18.46 -0.61 0.00

HARZA MOOSE___RIVER 24016	19.39 0.13 0.00	17.47 0.12 0.00	17.41 0.10 0.00	17.31 0.10 0.00	17.50 0.14 0.00	18.04 0.20 0.00	20.30 0.24 0.00	20.75 0.21 0.00	20.32 0.12 0.00	19.85 0.08 0.00	18.65 0.07 0.00	19.00 0.06 0.00	19.49 0.08 0.00	20.34 0.10 0.00	21.10 0.17 0.00	21.34 0.17 0.00	24.06 0.29 0.00	28.89 0.40 0.00	29.20 0.46 0.00	26.91 0.35 0.00	23.97 0.26 0.00	21.61 0.19 0.00	20.26 0.14 0.00	19.25 0.17 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	19.20 -0.06 0.00	17.27 -0.09 0.00	17.17 -0.14 0.00	17.05 -0.15 0.00	17.22 -0.14 0.00	17.72 -0.12 0.00	19.96 -0.10 0.00	20.40 -0.14 0.00	20.01 -0.18 0.00	19.64 -0.14 0.00	18.47 -0.11 0.00	18.84 -0.09 0.00	19.32 -0.10 0.00	20.12 -0.12 0.00	20.85 -0.08 0.00	21.09 -0.08 0.00	23.64 -0.14 0.00	28.26 -0.23 0.00	28.54 -0.20 0.00	26.35 -0.21 0.00	23.57 -0.14 0.00	21.27 -0.15 0.00	19.98 -0.14 0.00	18.94 -0.13 0.00
HELLGATE_13_KV_LD 55870	20.14 0.89 0.00	18.15 0.80 0.00	18.15 0.85 0.00	18.00 0.79 0.00	18.09 0.73 0.00	18.51 0.66 0.00	20.88 0.82 0.00	21.68 1.13 0.00	21.47 1.27 0.00	21.06 1.29 0.00	19.71 1.13 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.58 1.34 0.00	22.57 1.63 0.00	22.82 1.65 0.00	25.61 1.83 0.00	30.71 2.22 0.00	30.73 1.98 0.00	28.45 1.89 0.00	25.16 1.45 0.00	22.83 1.41 0.00	21.22 1.11 0.00	20.05 0.97 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.14 0.89 0.00	18.15 0.80 0.00	18.15 0.85 0.00	18.00 0.79 0.00	18.09 0.73 0.00	18.51 0.66 0.00	20.88 0.82 0.00	21.68 1.13 0.00	21.47 1.27 0.00	21.06 1.29 0.00	19.71 1.13 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.58 1.34 0.00	22.57 1.63 0.00	22.82 1.65 0.00	25.61 1.83 0.00	30.71 2.22 0.00	30.73 1.98 0.00	28.45 1.89 0.00	25.16 1.45 0.00	22.83 1.41 0.00	21.22 1.11 0.00	20.05 0.97 0.00
HEMPSTEAD___ 23647	20.47 1.21 0.00	18.41 1.06 0.00	18.27 0.97 0.00	18.15 0.95 0.00	18.30 0.94 0.00	18.87 1.02 0.00	21.34 1.28 0.00	22.30 1.58 -0.17	25.15 1.68 -3.28	25.16 1.68 -3.71	25.91 1.45 -5.88	27.73 1.48 -7.31	28.22 1.55 -7.25	39.64 1.66 -17.73	34.32 1.89 -11.50	37.86 1.93 -14.76	43.62 2.14 -17.70	47.82 2.56 -16.77	41.06 2.41 -9.90	38.29 2.29 -9.44	34.54 1.94 -8.89	30.34 1.86 -7.06	25.68 1.57 -4.00	23.23 1.35 -2.80
HEWLETT__69_KV_BK3 55828	20.72 1.46 0.00	18.59 1.23 0.00	18.50 1.19 0.00	18.29 1.08 0.00	18.46 1.09 0.00	19.03 1.18 0.00	21.54 1.48 0.00	22.46 1.75 -0.17	25.29 1.82 -3.28	25.28 1.80 -3.71	26.02 1.56 -5.88	27.84 1.59 -7.31	28.31 1.65 -7.25	39.76 1.78 -17.73	34.51 2.07 -11.50	38.01 2.07 -14.76	43.78 2.31 -17.70	48.05 2.79 -16.77	41.29 2.64 -9.90	38.50 2.50 -9.44	34.71 2.11 -8.89	30.49 2.01 -7.06	25.82 1.71 -3.99	23.40 1.53 -2.80
HICKLING___1 23621	19.72 0.46 0.00	17.68 0.33 0.00	17.41 0.10 0.00	17.28 0.07 0.00	17.47 0.10 0.00	18.04 0.20 0.00	20.36 0.30 0.00	20.96 0.41 0.00	20.54 0.34 0.00	20.23 0.45 0.00	19.06 0.48 0.00	19.47 0.53 0.00	19.96 0.54 0.00	20.91 0.67 0.00	21.80 0.86 0.00	22.04 0.87 0.00	24.66 0.88 0.00	29.14 0.66 0.00	29.46 0.72 0.00	27.12 0.56 0.00	24.49 0.78 0.00	21.99 0.58 0.00	20.56 0.44 0.00	19.15 0.08 0.00
HICKLING___2 23622	19.72 0.46 0.00	17.68 0.33 0.00	17.41 0.10 0.00	17.28 0.07 0.00	17.47 0.10 0.00	18.04 0.20 0.00	20.36 0.30 0.00	20.96 0.41 0.00	20.54 0.34 0.00	20.23 0.45 0.00	19.06 0.48 0.00	19.47 0.53 0.00	19.96 0.54 0.00	20.91 0.67 0.00	21.80 0.86 0.00	22.04 0.87 0.00	24.66 0.88 0.00	29.14 0.66 0.00	29.46 0.72 0.00	27.12 0.56 0.00	24.49 0.78 0.00	21.99 0.58 0.00	20.56 0.44 0.00	19.15 0.08 0.00
HIGH FALLS___HY 23754	20.26 1.00 0.00	18.20 0.85 0.00	18.19 0.88 0.00	18.07 0.86 0.00	18.18 0.82 0.00	18.65 0.80 0.00	21.06 1.00 0.00	21.57 1.03 0.00	21.25 1.05 0.00	20.80 1.03 0.00	19.45 0.87 0.00	19.85 0.91 0.00	20.33 0.91 0.00	21.32 1.07 0.00	22.26 1.32 0.00	22.53 1.36 0.00	25.32 1.55 0.00	30.42 1.94 0.00	30.52 1.78 0.00	28.24 1.67 0.00	25.13 1.42 0.00	22.79 1.37 0.00	21.16 1.05 0.00	20.09 1.01 0.00
HILLBURN___GT 23639	20.03 0.77 0.00	18.08 0.73 0.00	17.98 0.67 0.00	17.91 0.71 0.00	18.04 0.68 0.00	18.53 0.68 0.00	20.92 0.86 0.00	21.53 0.99 0.00	21.27 1.07 0.00	20.84 1.07 0.00	19.51 0.93 0.00	19.90 0.97 0.00	20.46 1.05 0.00	21.36 1.11 0.00	22.28 1.34 0.00	22.55 1.38 0.00	25.30 1.52 0.00	30.34 1.85 0.00	30.41 1.67 0.00	28.13 1.57 0.00	25.04 1.33 0.00	22.72 1.31 0.00	21.10 0.99 0.00	19.97 0.90 0.00
HILLSIDE_115KV_TB1 80332	19.45 0.19 0.00	17.44 0.09 0.00	17.18 -0.12 0.00	17.09 -0.12 0.00	17.26 -0.10 0.00	17.81 -0.04 0.00	20.08 0.02 0.00	20.61 0.06 0.00	20.22 0.02 0.00	19.91 0.14 0.00	18.76 0.19 0.00	19.17 0.23 0.00	19.63 0.21 0.00	20.57 0.32 0.00	21.44 0.50 0.00	21.66 0.49 0.00	24.23 0.45 0.00	28.66 0.17 0.00	28.91 0.17 0.00	26.65 0.08 0.00	24.04 0.33 0.00	21.63 0.21 0.00	20.22 0.10 0.00	18.92 -0.15 0.00
HISHELDN_WT_PWR 323625	19.49 0.23 0.00	17.49 0.14 0.00	17.24 -0.07 0.00	16.95 -0.26 0.00	17.14 -0.23 0.00	17.70 -0.14 0.00	20.00 -0.06 0.00	20.59 0.04 0.00	20.16 -0.04 0.00	19.87 0.10 0.00	18.80 0.22 0.00	19.22 0.28 0.00	19.71 0.29 0.00	20.65 0.40 0.00	21.56 0.63 0.00	21.70 0.53 0.00	24.16 0.38 0.00	28.40 -0.09 0.00	28.74 0.00 0.00	26.46 -0.11 0.00	23.95 0.24 0.00	21.52 0.11 0.00	20.14 0.02 0.00	18.69 -0.38 0.00
HOLTSVILLE_IC_1 23690	20.89 1.64 0.00	18.79 1.44 0.00	18.60 1.30 0.00	18.45 1.24 0.00	18.63 1.27 0.00	19.22 1.37 0.00	21.78 1.73 0.00	22.83 2.12 -0.17	25.68 2.20 -3.28	25.64 2.16 -3.71	26.29 1.84 -5.88	28.19 1.93 -7.31	28.65 1.98 -7.25	40.12 2.14 -17.73	34.93 2.49 -11.50	38.52 2.58 -14.76	44.31 2.83 -17.70	48.73 3.47 -16.77	41.95 3.30 -9.91	39.09 3.08 -9.44	35.30 2.70 -8.89	30.98 2.50 -7.06	26.27 2.15 -4.00	23.67 1.79 -2.80
HOLTSVILLE_IC_10 23699	21.01 1.75 0.00	18.88 1.53 0.00	18.71 1.40 0.00	18.53 1.33 0.00	18.74 1.37 0.00	19.33 1.48 0.00	21.90 1.84 0.00	23.00 2.28 -0.17	25.84 2.36 -3.28	25.82 2.33 -3.71	26.46 2.01 -5.88	28.36 2.10 -7.32	28.82 2.15 -7.25	40.30 2.33 -17.73	35.14 2.70 -11.50	38.73 2.79 -14.76	44.55 3.07 -17.70	49.02 3.76 -16.77	42.24 3.59 -9.91	39.36 3.35 -9.44	35.54 2.94 -8.89	31.17 2.70 -7.06	26.45 2.33 -4.00	23.80 1.93 -2.80
HOLTSVILLE_IC_2 23691	20.89 1.64 0.00	18.79 1.44 0.00	18.60 1.30 0.00	18.45 1.24 0.00	18.63 1.27 0.00	19.22 1.37 0.00	21.78 1.73 0.00	22.83 2.12 -0.17	25.68 2.20 -3.28	25.64 2.16 -3.71	26.29 1.84 -5.88	28.19 1.93 -7.31	28.65 1.98 -7.25	40.12 2.14 -17.73	34.93 2.49 -11.50	38.52 2.58 -14.76	44.31 2.83 -17.70	48.73 3.47 -16.77	41.95 3.30 -9.91	39.09 3.08 -9.44	35.30 2.70 -8.89	30.98 2.50 -7.06	26.27 2.15 -4.00	23.67 1.79 -2.80

HOLTSVILLE_IC_3 23692	20.89 1.64 0.00	18.79 1.44 0.00	18.60 1.30 0.00	18.45 1.24 0.00	18.63 1.27 0.00	19.22 1.37 0.00	21.78 1.73 0.00	22.83 2.12 -0.17	25.68 2.20 -3.28	25.64 2.16 -3.71	26.29 1.84 -5.88	28.19 1.93 -7.31	28.65 1.98 -7.25	40.12 2.14 -17.73	34.93 2.49 -11.50	38.52 2.58 -14.76	44.31 2.83 -17.70	48.73 3.47 -16.77	41.95 3.30 -9.91	39.09 3.08 -9.44	35.30 2.70 -8.89	30.98 2.50 -7.06	26.27 2.15 -4.00	23.67 1.79 -2.80
HOLTSVILLE_IC_4 23693	20.89 1.64 0.00	18.79 1.44 0.00	18.60 1.30 0.00	18.45 1.24 0.00	18.63 1.27 0.00	19.22 1.37 0.00	21.78 1.73 0.00	22.83 2.12 -0.17	25.68 2.20 -3.28	25.64 2.16 -3.71	26.29 1.84 -5.88	28.19 1.93 -7.31	28.65 1.98 -7.25	40.12 2.14 -17.73	34.93 2.49 -11.50	38.52 2.58 -14.76	44.31 2.83 -17.70	48.73 3.47 -16.77	41.95 3.30 -9.91	39.09 3.08 -9.44	35.30 2.70 -8.89	30.98 2.50 -7.06	26.27 2.15 -4.00	23.67 1.79 -2.80
HOLTSVILLE_IC_5 23694	20.89 1.64 0.00	18.79 1.44 0.00	18.60 1.30 0.00	18.45 1.24 0.00	18.63 1.27 0.00	19.22 1.37 0.00	21.78 1.73 0.00	22.83 2.12 -0.17	25.68 2.20 -3.28	25.64 2.16 -3.71	26.29 1.84 -5.88	28.19 1.93 -7.31	28.65 1.98 -7.25	40.12 2.14 -17.73	34.93 2.49 -11.50	38.52 2.58 -14.76	44.31 2.83 -17.70	48.73 3.47 -16.77	41.95 3.30 -9.91	39.09 3.08 -9.44	35.30 2.70 -8.89	30.98 2.50 -7.06	26.27 2.15 -4.00	23.67 1.79 -2.80
HOLTSVILLE_IC_6 23695	21.01 1.75 0.00	18.88 1.53 0.00	18.71 1.40 0.00	18.53 1.33 0.00	18.74 1.37 0.00	19.33 1.48 0.00	21.90 1.84 0.00	23.00 2.28 -0.17	25.84 2.36 -3.28	25.82 2.33 -3.71	26.46 2.01 -5.88	28.36 2.10 -7.32	28.82 2.15 -7.25	40.30 2.33 -17.73	35.14 2.70 -11.50	38.73 2.79 -14.76	44.55 3.07 -17.70	49.02 3.76 -16.77	42.24 3.59 -9.91	39.36 3.35 -9.44	35.54 2.94 -8.89	31.17 2.70 -7.06	26.45 2.33 -4.00	23.80 1.93 -2.80
HOLTSVILLE_IC_7 23696	21.01 1.75 0.00	18.88 1.53 0.00	18.71 1.40 0.00	18.53 1.33 0.00	18.74 1.37 0.00	19.33 1.48 0.00	21.90 1.84 0.00	23.00 2.28 -0.17	25.84 2.36 -3.28	25.82 2.33 -3.71	26.46 2.01 -5.88	28.36 2.10 -7.32	28.82 2.15 -7.25	40.30 2.33 -17.73	35.14 2.70 -11.50	38.73 2.79 -14.76	44.55 3.07 -17.70	49.02 3.76 -16.77	42.24 3.59 -9.91	39.36 3.35 -9.44	35.54 2.94 -8.89	31.17 2.70 -7.06	26.45 2.33 -4.00	23.80 1.93 -2.80
HOLTSVILLE_IC_8 23697	21.01 1.75 0.00	18.88 1.53 0.00	18.71 1.40 0.00	18.53 1.33 0.00	18.74 1.37 0.00	19.33 1.48 0.00	21.90 1.84 0.00	23.00 2.28 -0.17	25.84 2.36 -3.28	25.82 2.33 -3.71	26.46 2.01 -5.88	28.36 2.10 -7.32	28.82 2.15 -7.25	40.30 2.33 -17.73	35.14 2.70 -11.50	38.73 2.79 -14.76	44.55 3.07 -17.70	49.02 3.76 -16.77	42.24 3.59 -9.91	39.36 3.35 -9.44	35.54 2.94 -8.89	31.17 2.70 -7.06	26.45 2.33 -4.00	23.80 1.93 -2.80
HOLTSVILLE_IC_9 23698	21.01 1.75 0.00	18.88 1.53 0.00	18.71 1.40 0.00	18.53 1.33 0.00	18.74 1.37 0.00	19.33 1.48 0.00	21.90 1.84 0.00	23.00 2.28 -0.17	25.84 2.36 -3.28	25.82 2.33 -3.71	26.46 2.01 -5.88	28.36 2.10 -7.32	28.82 2.15 -7.25	40.30 2.33 -17.73	35.14 2.70 -11.50	38.73 2.79 -14.76	44.55 3.07 -17.70	49.02 3.76 -16.77	42.24 3.59 -9.91	39.36 3.35 -9.44	35.54 2.94 -8.89	31.17 2.70 -7.06	26.45 2.33 -4.00	23.80 1.93 -2.80
HOMER_HL_115KV_TB2 355744	19.53 0.27 0.00	17.47 0.12 0.00	17.05 -0.26 0.00	16.93 -0.28 0.00	17.09 -0.28 0.00	17.72 -0.12 0.00	20.04 -0.02 0.00	20.61 0.06 0.00	20.20 0.00 0.00	19.97 0.20 0.00	18.89 0.32 0.00	19.32 0.38 0.00	19.77 0.35 0.00	20.77 0.53 0.00	21.69 0.75 0.00	21.85 0.68 0.00	24.37 0.59 0.00	28.60 0.11 0.00	28.86 0.11 0.00	26.62 0.05 0.00	24.14 0.43 0.00	21.65 0.24 0.00	20.22 0.10 0.00	18.81 -0.27 0.00
HOWARD_WT_PWR 323690	20.01 0.75 0.00	17.93 0.57 0.00	17.70 0.40 0.00	17.47 0.26 0.00	17.66 0.29 0.00	18.26 0.41 0.00	20.64 0.58 0.00	21.22 0.68 0.00	20.76 0.56 0.00	20.45 0.67 0.00	19.27 0.69 0.00	19.70 0.76 0.00	20.23 0.82 0.00	21.17 0.93 0.00	22.13 1.19 0.00	22.34 1.16 0.00	24.97 1.19 0.00	29.48 1.00 0.00	29.83 1.09 0.00	27.47 0.90 0.00	24.80 1.09 0.00	22.25 0.83 0.00	20.74 0.62 0.00	19.25 0.17 0.00
HQ_GEN_CEDARS 23644	18.93 -0.33 0.00	17.21 -0.14 0.00	17.17 -0.14 0.00	17.05 -0.15 0.00	17.22 -0.14 0.00	17.74 -0.11 0.00	19.70 -0.36 0.00	20.22 -0.33 0.00	19.81 -0.38 0.00	19.42 -0.36 0.00	18.37 -0.20 0.00	18.71 -0.23 0.00	19.22 -0.19 0.00	19.90 -0.34 0.00	20.43 -0.50 0.00	20.69 -0.49 0.00	23.35 -0.43 0.00	27.92 -0.57 0.00	28.17 -0.57 0.00	26.03 -0.53 0.00	23.19 -0.52 0.00	20.92 -0.49 0.00	19.80 -0.32 0.00	18.96 -0.11 0.00
HQ_GEN_CEDARS_PROXY 323590	19.14 -0.11 0.00	17.21 -0.14 0.00	17.17 -0.14 0.00	17.05 -0.16 0.00	17.22 -0.14 0.00	17.74 -0.11 0.00	19.70 -0.36 0.00	20.22 -0.33 0.00	19.81 -0.38 0.00	19.38 -0.40 0.00	18.37 -0.20 0.00	18.71 -0.23 0.00	19.03 -0.39 0.00	19.90 -0.34 0.00	20.43 -0.50 0.00	20.69 -0.49 0.00	23.35 -0.43 0.00	27.92 -0.57 0.00	28.17 -0.57 0.00	26.04 -0.53 0.00	23.19 -0.52 0.00	20.92 -0.49 0.00	19.80 -0.32 0.00	18.96 -0.11 0.00
HQ_GEN_IMPORT 323601	19.08 -0.17 0.00	17.20 -0.16 0.00	17.15 -0.16 0.00	17.05 -0.16 0.00	17.21 -0.16 0.00	17.69 -0.16 0.00	19.84 -0.22 0.00	20.34 -0.21 0.00	19.99 -0.20 0.00	19.56 -0.22 0.00	18.41 -0.17 0.00	18.75 -0.19 0.00	19.20 -0.21 0.00	20.04 -0.20 0.00	20.62 -0.31 0.00	20.86 -0.32 0.00	23.47 -0.31 0.00	28.09 -0.40 0.00	28.34 -0.40 0.00	26.19 -0.37 0.00	23.38 -0.33 0.00	21.09 -0.32 0.00	19.92 -0.20 0.00	18.90 -0.17 0.00
HQ_GEN_WHEEL 23651	19.08 -0.17 0.00	17.20 -0.16 0.00	17.15 -0.16 0.00	17.05 -0.16 0.00	17.21 -0.16 0.00	17.69 -0.16 0.00	19.84 -0.22 0.00	20.34 -0.21 0.00	19.99 -0.20 0.00	19.56 -0.22 0.00	18.41 -0.17 0.00	18.75 -0.19 0.00	19.20 -0.21 0.00	20.04 -0.20 0.00	20.62 -0.31 0.00	20.86 -0.32 0.00	23.47 -0.31 0.00	28.09 -0.40 0.00	28.34 -0.40 0.00	26.19 -0.37 0.00	23.38 -0.33 0.00	21.09 -0.32 0.00	19.92 -0.20 0.00	18.90 -0.17 0.00
HUDSON_AVE_GT_3 23810	20.18 0.92 0.00	18.17 0.82 0.00	18.17 0.87 0.00	18.03 0.83 0.00	18.13 0.76 0.00	18.60 0.75 0.00	21.00 0.94 0.00	21.80 1.25 0.00	21.55 1.35 0.00	21.14 1.36 0.00	19.77 1.19 0.00	20.17 1.23 0.00	20.70 1.28 0.00	21.66 1.42 0.00	22.63 1.70 0.00	22.89 1.72 0.00	25.68 1.90 0.00	30.77 2.28 0.00	30.81 2.07 0.00	28.53 1.97 0.00	25.30 1.59 0.00	22.94 1.52 0.00	21.34 1.23 0.00	20.12 1.05 0.00
HUDSON_AVE_GT_4 23540	20.18 0.92 0.00	18.17 0.82 0.00	18.17 0.87 0.00	18.03 0.83 0.00	18.13 0.76 0.00	18.60 0.75 0.00	21.00 0.94 0.00	21.80 1.25 0.00	21.55 1.35 0.00	21.14 1.36 0.00	19.77 1.19 0.00	20.17 1.23 0.00	20.70 1.28 0.00	21.66 1.42 0.00	22.63 1.70 0.00	22.89 1.72 0.00	25.68 1.90 0.00	30.77 2.28 0.00	30.81 2.07 0.00	28.53 1.97 0.00	25.30 1.59 0.00	22.94 1.52 0.00	21.34 1.23 0.00	20.12 1.05 0.00

HUDSON_AVE_GT_5 23657	20.18 0.92 0.00	18.17 0.82 0.00	18.17 0.87 0.00	18.03 0.83 0.00	18.13 0.76 0.00	18.60 0.75 0.00	21.00 0.94 0.00	21.80 1.25 0.00	21.55 1.35 0.00	21.14 1.36 0.00	19.77 1.19 0.00	20.17 1.23 0.00	20.70 1.28 0.00	21.66 1.42 0.00	22.63 1.70 0.00	22.89 1.72 0.00	25.68 1.90 0.00	30.77 2.28 0.00	30.81 2.07 0.00	28.53 1.97 0.00	25.30 1.59 0.00	22.94 1.52 0.00	21.34 1.23 0.00	20.12 1.05 0.00
HUDSON_AVE_10 24168	20.14 0.89 0.00	18.13 0.78 0.00	18.14 0.83 0.00	17.98 0.77 0.00	18.09 0.73 0.00	18.56 0.71 0.00	20.96 0.90 0.00	21.78 1.23 0.00	21.53 1.33 0.00	21.12 1.34 0.00	19.73 1.15 0.00	20.13 1.19 0.00	20.66 1.24 0.00	21.60 1.36 0.00	22.59 1.65 0.00	22.85 1.67 0.00	25.63 1.85 0.00	30.71 2.22 0.00	30.75 2.01 0.00	28.48 1.91 0.00	25.23 1.52 0.00	22.89 1.48 0.00	21.30 1.19 0.00	20.09 1.01 0.00
HUDSON___115KV_TB 4 355613	19.95 0.69 0.00	18.00 0.64 0.00	18.00 0.69 0.00	17.91 0.71 0.00	18.06 0.69 0.00	18.58 0.73 0.00	20.86 0.80 0.00	21.37 0.82 0.00	21.00 0.81 0.00	20.43 0.65 0.00	19.19 0.61 0.00	19.54 0.61 0.00	20.02 0.60 0.00	20.89 0.65 0.00	21.75 0.82 0.00	22.00 0.83 0.00	24.78 1.00 0.00	29.94 1.45 0.00	30.27 1.52 0.00	28.03 1.46 0.00	24.97 1.26 0.00	22.53 1.11 0.00	20.94 0.82 0.00	19.82 0.74 0.00
HUNTER MOUNT___DRP 323613	20.05 0.79 0.00	18.08 0.73 0.00	18.08 0.78 0.00	18.00 0.79 0.00	18.15 0.78 0.00	18.65 0.80 0.00	20.96 0.90 0.00	21.45 0.90 0.00	21.08 0.89 0.00	20.47 0.69 0.00	19.23 0.65 0.00	19.56 0.62 0.00	20.04 0.62 0.00	20.91 0.67 0.00	21.77 0.84 0.00	22.04 0.87 0.00	24.87 1.09 0.00	30.11 1.62 0.00	30.47 1.72 0.00	28.19 1.62 0.00	25.11 1.40 0.00	22.66 1.24 0.00	21.04 0.93 0.00	19.89 0.82 0.00
HUNTINGTON_RES_REC 323705	20.81 1.56 0.00	18.72 1.37 0.00	18.53 1.23 0.00	18.38 1.17 0.00	18.56 1.20 0.00	19.15 1.30 0.00	21.72 1.66 0.00	22.79 2.07 -0.17	25.64 2.16 -3.28	25.62 2.14 -3.71	26.31 1.86 -5.88	28.17 1.91 -7.32	28.67 2.00 -7.25	40.10 2.12 -17.74	34.91 2.47 -11.50	38.48 2.54 -14.77	44.28 2.80 -17.70	48.65 3.39 -16.77	41.90 3.25 -9.91	39.04 3.03 -9.44	35.23 2.63 -8.89	30.94 2.46 -7.06	26.23 2.11 -4.00	23.61 1.74 -2.80
HUNTLEY___63 23557	19.39 0.13 0.00	17.39 0.03 0.00	16.94 -0.36 0.00	16.83 -0.38 0.00	17.03 -0.33 0.00	17.56 -0.29 0.00	19.86 -0.20 0.00	20.38 -0.16 0.00	19.95 -0.24 0.00	19.69 -0.08 0.00	18.65 0.07 0.00	19.09 0.15 0.00	19.53 0.12 0.00	20.51 0.26 0.00	21.36 0.42 0.00	21.49 0.32 0.00	23.90 0.12 0.00	28.03 -0.46 0.00	28.43 -0.32 0.00	26.14 -0.43 0.00	23.69 -0.02 0.00	21.27 -0.15 0.00	19.98 -0.14 0.00	18.56 0.00 0.00
HUNTLEY___64 23558	19.39 0.13 0.00	17.39 0.03 0.00	16.94 -0.36 0.00	16.83 -0.38 0.00	17.03 -0.33 0.00	17.56 -0.29 0.00	19.86 -0.20 0.00	20.38 -0.16 0.00	19.95 -0.24 0.00	19.69 -0.08 0.00	18.65 0.07 0.00	19.09 0.15 0.00	19.53 0.12 0.00	20.51 0.26 0.00	21.36 0.42 0.00	21.49 0.32 0.00	23.90 0.12 0.00	28.03 -0.46 0.00	28.43 -0.32 0.00	26.14 -0.43 0.00	23.69 -0.02 0.00	21.27 -0.15 0.00	19.98 -0.14 0.00	18.56 -0.51 0.00
HUNTLEY___65 23559	19.39 0.13 0.00	17.39 0.03 0.00	16.94 -0.36 0.00	16.83 -0.38 0.00	17.03 -0.33 0.00	17.56 -0.29 0.00	19.86 -0.20 0.00	20.38 -0.16 0.00	19.95 -0.24 0.00	19.69 -0.08 0.00	18.65 0.07 0.00	19.09 0.15 0.00	19.53 0.12 0.00	20.51 0.26 0.00	21.36 0.42 0.00	21.49 0.32 0.00	23.90 0.12 0.00	28.03 -0.46 0.00	28.43 -0.32 0.00	26.14 -0.43 0.00	23.69 -0.02 0.00	21.27 -0.15 0.00	19.98 -0.14 0.00	18.56 -0.51 0.00
HUNTLEY___66 23560	19.39 0.13 0.00	17.39 0.03 0.00	16.94 -0.36 0.00	16.83 -0.38 0.00	17.03 -0.33 0.00	17.56 -0.29 0.00	19.86 -0.20 0.00	20.38 -0.16 0.00	19.95 -0.24 0.00	19.69 -0.08 0.00	18.65 0.07 0.00	19.09 0.15 0.00	19.53 0.12 0.00	20.51 0.26 0.00	21.36 0.42 0.00	21.49 0.32 0.00	23.90 0.12 0.00	28.03 -0.46 0.00	28.43 -0.32 0.00	26.14 -0.43 0.00	23.69 -0.02 0.00	21.27 -0.15 0.00	19.98 -0.14 0.00	18.56 -0.51 0.00
HUNTLEY___67 23561	19.29 0.04 0.00	17.30 -0.05 0.00	16.87 -0.43 0.00	16.76 -0.45 0.00	16.93 -0.43 0.00	17.49 -0.36 0.00	19.76 -0.30 0.00	20.30 -0.25 0.00	19.87 -0.32 0.00	19.62 -0.16 0.00	18.56 -0.02 0.00	18.98 0.04 0.00	19.44 0.02 0.00	20.38 0.14 0.00	21.23 0.29 0.00	21.39 0.21 0.00	23.78 0.00 0.00	27.89 -0.60 0.00	28.28 -0.46 0.00	26.03 -0.53 0.00	23.61 -0.09 0.00	21.20 -0.21 0.00	19.92 -0.20 0.00	18.52 -0.55 0.00
HUNTLEY___68 23562	19.29 0.04 0.00	17.30 -0.05 0.00	16.87 -0.43 0.00	16.76 -0.45 0.00	16.93 -0.43 0.00	17.49 -0.36 0.00	19.76 -0.30 0.00	20.30 -0.25 0.00	19.87 -0.32 0.00	19.62 -0.16 0.00	18.56 -0.02 0.00	18.98 0.04 0.00	19.44 0.02 0.00	20.38 0.14 0.00	21.23 0.29 0.00	21.39 0.21 0.00	23.78 0.00 0.00	27.89 -0.60 0.00	28.28 -0.46 0.00	26.03 -0.53 0.00	23.61 -0.09 0.00	21.20 -0.21 0.00	19.92 -0.20 0.00	18.52 -0.55 0.00
HYLAND___LFGE 323620	20.33 1.08 0.00	18.20 0.85 0.00	17.96 0.66 0.00	17.71 0.50 0.00	17.94 0.57 0.00	18.53 0.68 0.00	21.02 0.96 0.00	21.82 1.27 0.00	21.29 1.09 0.00	20.84 1.07 0.00	19.58 1.00 0.00	19.96 1.02 0.00	20.46 1.05 0.00	21.44 1.19 0.00	22.40 1.47 0.00	22.66 1.48 0.00	25.44 1.66 0.00	30.28 1.80 0.00	30.84 2.10 0.00	28.43 1.86 0.00	25.65 1.94 0.00	22.98 1.56 0.00	21.45 1.33 0.00	19.78 0.71 0.00
INDECK___CORINTH 23802	19.51 0.25 0.00	17.61 0.26 0.00	17.57 0.26 0.00	17.48 0.27 0.00	17.66 0.29 0.00	18.15 0.30 0.00	20.48 0.42 0.00	21.04 0.49 0.00	21.39 1.19 0.00	20.70 0.93 0.00	19.38 0.80 0.00	19.72 0.78 0.00	20.25 0.83 0.00	21.13 0.89 0.00	22.00 1.07 0.00	22.23 1.06 0.00	25.06 1.28 0.00	30.28 1.80 0.00	30.67 1.93 0.00	28.40 1.83 0.00	25.32 1.61 0.00	22.89 1.48 0.00	21.26 1.15 0.00	20.05 0.97 0.00
INDECK___ILION 23567	19.56 0.31 0.00	17.63 0.28 0.00	17.60 0.29 0.00	17.50 0.29 0.00	17.66 0.30 0.00	18.15 0.30 0.00	20.42 0.36 0.00	20.86 0.31 0.00	20.48 0.28 0.00	20.05 0.28 0.00	18.82 0.24 0.00	19.18 0.25 0.00	19.67 0.25 0.00	20.53 0.28 0.00	21.27 0.33 0.00	21.51 0.34 0.00	24.16 0.38 0.00	28.97 0.48 0.00	29.23 0.49 0.00	27.02 0.45 0.00	24.09 0.38 0.00	21.78 0.36 0.00	20.42 0.30 0.00	19.40 0.32 0.00
INDECK___OLEAN 23982	19.51 0.25 0.00	17.48 0.12 0.00	17.19 -0.12 0.00	16.92 -0.29 0.00	17.09 -0.28 0.00	17.72 -0.12 0.00	20.04 -0.02 0.00	20.61 0.06 0.00	20.20 0.00 0.00	19.97 0.20 0.00	18.89 0.32 0.00	19.32 0.38 0.00	19.80 0.39 0.00	20.77 0.53 0.00	21.71 0.78 0.00	21.85 0.68 0.00	24.37 0.59 0.00	28.63 0.14 0.00	28.86 0.12 0.00	26.62 0.05 0.00	24.14 0.43 0.00	21.67 0.26 0.00	20.22 0.10 0.00	18.81 -0.27 0.00



INDECK___OSWEGO 23783	18.99 -0.27 0.00	17.09 -0.26 0.00	17.03 -0.28 0.00	16.90 -0.31 0.00	17.07 -0.30 0.00	17.54 -0.30 0.00	19.76 -0.30 0.00	20.18 -0.37 0.00	19.79 -0.40 0.00	19.40 -0.38 0.00	18.24 -0.33 0.00	18.62 -0.32 0.00	19.09 -0.33 0.00	19.86 -0.39 0.00	20.54 -0.40 0.00	20.77 -0.40 0.00	23.30 -0.48 0.00	27.89 -0.60 0.00	28.17 -0.57 0.00	26.01 -0.56 0.00	23.26 -0.45 0.00	20.99 -0.43 0.00	19.73 -0.38 0.00	18.75 -0.32 0.00
INDECK___YERKES 23781	19.43 0.17 0.00	17.41 0.05 0.00	17.13 -0.17 0.00	16.86 -0.34 0.00	17.05 -0.31 0.00	17.62 -0.23 0.00	19.84 -0.22 0.00	20.40 -0.14 0.00	19.97 -0.22 0.00	19.71 -0.06 0.00	18.65 0.07 0.00	19.09 0.15 0.00	19.57 0.15 0.00	20.53 0.28 0.00	21.44 0.50 0.00	21.51 0.34 0.00	23.92 0.14 0.00	28.06 -0.43 0.00	28.43 -0.32 0.00	26.17 -0.40 0.00	23.71 0.00 0.00	21.29 -0.13 0.00	19.98 -0.14 0.00	18.58 -0.50 0.00
INDIAN POINT_GT_1 24139	20.10 0.85 0.00	18.10 0.75 0.00	18.08 0.78 0.00	17.95 0.74 0.00	18.06 0.69 0.00	18.54 0.70 0.00	20.92 0.86 0.00	21.62 1.07 0.00	21.37 1.17 0.00	20.92 1.15 0.00	19.58 1.00 0.00	20.00 1.06 0.00	20.50 1.09 0.00	21.44 1.19 0.00	22.38 1.44 0.00	22.66 1.48 0.00	25.40 1.62 0.00	30.48 1.99 0.00	30.58 1.84 0.00	28.29 1.73 0.00	25.18 1.47 0.00	22.83 1.41 0.00	21.18 1.07 0.00	19.99 0.92 0.00
INDIAN POINT_GT_2 23659	20.10 0.85 0.00	18.10 0.75 0.00	18.08 0.78 0.00	17.95 0.74 0.00	18.06 0.69 0.00	18.54 0.70 0.00	20.92 0.86 0.00	21.62 1.07 0.00	21.37 1.17 0.00	20.92 1.15 0.00	19.58 1.00 0.00	20.00 1.06 0.00	20.50 1.09 0.00	21.44 1.19 0.00	22.38 1.44 0.00	22.66 1.48 0.00	25.40 1.62 0.00	30.48 1.99 0.00	30.58 1.84 0.00	28.29 1.73 0.00	25.18 1.47 0.00	22.83 1.41 0.00	21.18 1.07 0.00	19.99 0.92 0.00
INDIAN POINT_GT_3 24019	20.10 0.85 0.00	18.10 0.75 0.00	18.08 0.78 0.00	17.95 0.74 0.00	18.06 0.69 0.00	18.54 0.70 0.00	20.92 0.86 0.00	21.62 1.07 0.00	21.37 1.17 0.00	20.92 1.15 0.00	19.58 1.00 0.00	20.00 1.06 0.00	20.50 1.09 0.00	21.44 1.19 0.00	22.38 1.44 0.00	22.66 1.48 0.00	25.40 1.62 0.00	30.48 1.99 0.00	30.58 1.84 0.00	28.29 1.73 0.00	25.18 1.47 0.00	22.83 1.41 0.00	21.18 1.07 0.00	19.99 0.92 0.00
INDIAN POINT___2 23530	20.03 0.77 0.00	18.08 0.73 0.00	18.00 0.69 0.00	17.93 0.72 0.00	18.04 0.68 0.00	18.53 0.68 0.00	20.90 0.84 0.00	21.59 1.05 0.00	21.33 1.13 0.00	20.90 1.13 0.00	19.56 0.98 0.00	19.96 1.02 0.00	20.50 1.09 0.00	21.42 1.17 0.00	22.34 1.40 0.00	22.61 1.44 0.00	25.35 1.57 0.00	30.40 1.91 0.00	30.50 1.75 0.00	28.24 1.67 0.00	25.11 1.40 0.00	22.79 1.37 0.00	21.16 1.05 0.00	19.97 0.90 0.00
INDIAN POINT___3 23531	20.08 0.83 0.00	18.08 0.73 0.00	18.07 0.76 0.00	17.93 0.72 0.00	18.06 0.69 0.00	18.54 0.70 0.00	20.92 0.86 0.00	21.60 1.05 0.00	21.33 1.13 0.00	20.90 1.13 0.00	19.56 0.98 0.00	19.96 1.02 0.00	20.46 1.05 0.00	21.40 1.15 0.00	22.34 1.40 0.00	22.59 1.42 0.00	25.35 1.57 0.00	30.40 1.91 0.00	30.50 1.75 0.00	28.24 1.67 0.00	25.13 1.42 0.00	22.79 1.37 0.00	21.16 1.05 0.00	19.97 0.90 0.00
INGHAM_C_115KV_TB7 356103	19.83 0.58 0.00	17.87 0.52 0.00	17.82 0.52 0.00	17.72 0.52 0.00	17.90 0.54 0.00	18.40 0.55 0.00	20.70 0.64 0.00	21.08 0.53 0.00	20.70 0.50 0.00	20.25 0.47 0.00	19.02 0.45 0.00	19.37 0.44 0.00	19.86 0.45 0.00	20.75 0.51 0.00	21.48 0.54 0.00	21.75 0.57 0.00	24.42 0.64 0.00	29.28 0.80 0.00	29.55 0.80 0.00	27.28 0.72 0.00	24.35 0.64 0.00	22.04 0.62 0.00	20.66 0.54 0.00	19.67 0.59 0.00
IP CORINTH___1 23988	19.64 0.39 0.00	17.72 0.36 0.00	17.67 0.36 0.00	17.57 0.36 0.00	17.75 0.38 0.00	18.24 0.39 0.00	20.58 0.52 0.00	21.16 0.62 0.00	21.39 1.19 0.00	20.68 0.91 0.00	19.38 0.80 0.00	19.71 0.78 0.00	20.23 0.82 0.00	21.13 0.89 0.00	22.00 1.07 0.00	22.23 1.06 0.00	25.06 1.28 0.00	30.28 1.79 0.00	30.67 1.93 0.00	28.40 1.83 0.00	25.32 1.61 0.00	22.89 1.48 0.00	21.26 1.15 0.00	20.05 0.97 0.00
IP___TICONDEROGA 23804	20.64 1.39 0.00	18.60 1.25 0.00	18.48 1.18 0.00	18.36 1.15 0.00	18.58 1.22 0.00	19.12 1.27 0.00	21.66 1.60 0.00	22.23 1.68 0.00	22.40 2.20 0.00	21.63 1.86 0.00	20.25 1.67 0.00	20.59 1.65 0.00	21.01 1.59 0.00	21.98 1.74 0.00	22.93 1.99 0.00	23.16 1.99 0.00	26.18 2.40 0.00	31.76 3.28 0.00	32.28 3.54 0.00	29.81 3.24 0.00	26.77 3.06 0.00	24.05 2.63 0.00	22.25 2.13 0.00	20.96 1.89 0.00
ISLIP_RES_REC 323679	21.10 1.85 0.00	18.97 1.61 0.00	18.78 1.47 0.00	18.60 1.39 0.00	18.80 1.44 0.00	19.42 1.57 0.00	22.00 1.95 0.00	23.12 2.40 -0.17	25.96 2.48 -3.28	25.94 2.45 -3.71	26.57 2.12 -5.88	28.47 2.21 -7.32	28.95 2.29 -7.25	40.44 2.47 -17.73	35.28 2.85 -11.50	38.90 2.96 -14.76	44.74 3.26 -17.70	49.24 3.99 -16.77	42.44 3.79 -9.91	39.54 3.53 -9.44	35.70 3.11 -8.89	31.32 2.85 -7.06	26.59 2.47 -4.00	23.90 2.02 -2.80
JAMAICA___27_KV_LOAD 355505	20.24 0.98 0.00	18.20 0.85 0.00	18.21 0.90 0.00	18.05 0.84 0.00	18.16 0.80 0.00	18.65 0.80 0.00	21.06 1.00 0.00	21.94 1.40 0.00	21.73 1.53 0.00	21.32 1.54 0.00	19.80 1.23 0.00	20.23 1.29 0.00	20.76 1.34 0.00	21.72 1.48 0.00	22.72 1.78 0.00	22.99 1.82 0.00	25.82 2.04 0.00	30.94 2.45 0.00	30.98 2.24 0.00	28.69 2.13 0.00	25.35 1.64 0.00	22.98 1.56 0.00	21.47 1.35 0.00	20.20 1.13 0.00
JANIS___SOLAR 323808	20.18 0.92 0.00	18.13 0.78 0.00	18.03 0.73 0.00	17.88 0.67 0.00	18.11 0.75 0.00	18.69 0.84 0.00	21.10 1.04 0.00	21.61 1.07 0.00	21.06 0.87 0.00	20.57 0.79 0.00	19.25 0.67 0.00	19.60 0.66 0.00	20.13 0.72 0.00	21.05 0.81 0.00	21.96 1.03 0.00	22.25 1.08 0.00	25.09 1.31 0.00	30.14 1.65 0.00	30.55 1.81 0.00	28.16 1.59 0.00	25.18 1.47 0.00	22.61 1.20 0.00	21.14 1.03 0.00	19.91 0.84 0.00
JARVIS____ 23743	19.33 0.08 0.00	17.42 0.07 0.00	17.38 0.07 0.00	17.29 0.09 0.00	17.45 0.09 0.00	17.94 0.09 0.00	20.16 0.10 0.00	20.63 0.08 0.00	20.30 0.10 0.00	19.85 0.08 0.00	18.65 0.07 0.00	19.00 0.06 0.00	19.49 0.08 0.00	20.32 0.08 0.00	21.04 0.11 0.00	21.28 0.11 0.00	23.90 0.12 0.00	28.66 0.17 0.00	28.92 0.17 0.00	26.73 0.16 0.00	23.83 0.12 0.00	21.54 0.13 0.00	20.20 0.08 0.00	19.15 0.08 0.00
JENNISON___1 23625	20.28 1.02 0.00	18.22 0.87 0.00	18.12 0.81 0.00	18.02 0.81 0.00	18.23 0.87 0.00	18.81 0.96 0.00	21.20 1.14 0.00	21.74 1.19 0.00	21.23 1.03 0.00	20.74 0.97 0.00	19.45 0.87 0.00	19.83 0.89 0.00	20.35 0.93 0.00	21.34 1.09 0.00	22.28 1.34 0.00	22.55 1.38 0.00	25.40 1.62 0.00	30.45 1.97 0.00	30.81 2.07 0.00	28.37 1.81 0.00	25.35 1.64 0.00	22.79 1.37 0.00	21.26 1.15 0.00	20.05 0.97 0.00

JENNISON____2 23626	20.28 1.02 0.00	18.22 0.87 0.00	18.12 0.81 0.00	18.02 0.81 0.00	18.23 0.87 0.00	18.81 0.96 0.00	21.20 1.14 0.00	21.74 1.19 0.00	21.23 1.03 0.00	20.74 0.97 0.00	19.45 0.87 0.00	19.83 0.89 0.00	20.35 0.93 0.00	21.34 1.09 0.00	22.28 1.34 0.00	22.55 1.38 0.00	25.40 1.62 0.00	30.45 1.97 0.00	30.81 2.07 0.00	28.37 1.81 0.00	25.35 1.64 0.00	22.79 1.37 0.00	21.26 1.15 0.00	20.05 0.97 0.00
JERICHO_RISE_WT_PWR 323719	19.18 -0.08 0.00	17.27 -0.09 0.00	17.22 -0.09 0.00	17.09 -0.12 0.00	17.24 -0.12 0.00	17.76 -0.09 0.00	19.88 -0.18 0.00	20.49 -0.06 0.00	20.14 -0.06 0.00	19.73 -0.04 0.00	18.58 0.00 0.00	18.92 -0.02 0.00	19.36 -0.06 0.00	20.24 0.00 0.00	20.81 -0.12 0.00	21.05 -0.13 0.00	23.75 -0.02 0.00	28.37 -0.11 0.00	28.66 -0.09 0.00	26.46 -0.11 0.00	23.57 -0.14 0.00	21.24 -0.17 0.00	20.08 -0.04 0.00	19.00 -0.08 0.00
KATONAH__115KV_46KV_TB4 355592	20.20 0.94 0.00	18.20 0.85 0.00	18.17 0.87 0.00	18.05 0.84 0.00	18.15 0.78 0.00	18.63 0.79 0.00	21.02 0.96 0.00	21.74 1.19 0.00	21.51 1.31 0.00	21.04 1.27 0.00	19.71 1.13 0.00	20.17 1.23 0.00	20.68 1.26 0.00	21.64 1.40 0.00	22.61 1.67 0.00	22.87 1.69 0.00	25.66 1.88 0.00	30.82 2.34 0.00	30.93 2.18 0.00	28.61 2.05 0.00	25.46 1.75 0.00	23.11 1.69 0.00	21.30 1.19 0.00	20.09 1.01 0.00
KCE_NY_1 323755	20.03 0.77 0.00	18.08 0.73 0.00	18.03 0.73 0.00	17.95 0.74 0.00	18.11 0.75 0.00	18.62 0.77 0.00	20.96 0.90 0.00	21.49 0.95 0.00	21.33 1.13 0.00	20.74 0.97 0.00	19.45 0.87 0.00	19.81 0.87 0.00	20.33 0.91 0.00	21.19 0.95 0.00	22.07 1.13 0.00	22.32 1.14 0.00	25.09 1.31 0.00	30.28 1.80 0.00	30.64 1.90 0.00	28.37 1.81 0.00	25.30 1.59 0.00	22.85 1.43 0.00	21.26 1.15 0.00	20.08 1.01 0.00
KCE_NY_6_ESR 323823	19.55 0.29 0.00	17.53 0.17 0.00	17.25 -0.05 0.00	16.95 -0.26 0.00	17.12 -0.24 0.00	17.72 -0.12 0.00	20.02 -0.04 0.00	20.61 0.06 0.00	20.18 -0.02 0.00	19.91 0.14 0.00	18.86 0.28 0.00	19.30 0.36 0.00	19.77 0.35 0.00	20.73 0.49 0.00	21.65 0.71 0.00	21.77 0.59 0.00	24.21 0.43 0.00	28.40 -0.09 0.00	28.74 0.00 0.00	26.46 -0.11 0.00	23.97 0.26 0.00	21.52 0.11 0.00	20.18 0.06 0.00	18.75 -0.32 0.00
KEDC_PORT_JEFF_GT2 24210	20.97 1.71 0.00	18.86 1.51 0.00	18.67 1.37 0.00	18.52 1.31 0.00	18.70 1.34 0.00	19.29 1.45 0.00	21.88 1.83 0.00	22.93 2.22 -0.17	25.78 2.30 -3.28	25.76 2.27 -3.71	26.41 1.95 -5.88	28.30 2.05 -7.32	28.78 2.12 -7.25	40.24 2.27 -17.73	35.07 2.64 -11.50	38.67 2.73 -14.76	44.33 2.85 -17.70	48.76 3.50 -16.77	41.98 3.33 -9.91	39.09 3.08 -9.44	35.39 2.80 -8.89	31.11 2.63 -7.06	26.41 2.29 -4.00	23.76 1.89 -2.80
KEDC_PORT_JEFF_GT3 24211	20.97 1.71 0.00	18.86 1.51 0.00	18.67 1.37 0.00	18.52 1.31 0.00	18.70 1.34 0.00	19.29 1.45 0.00	21.88 1.83 0.00	22.93 2.22 -0.17	25.78 2.30 -3.28	25.76 2.27 -3.71	26.41 1.95 -5.88	28.30 2.05 -7.32	28.78 2.12 -7.25	40.24 2.27 -17.73	35.07 2.64 -11.50	38.67 2.73 -14.76	44.33 2.85 -17.70	48.76 3.50 -16.77	41.98 3.33 -9.91	39.09 3.08 -9.44	35.39 2.80 -8.89	31.11 2.63 -7.06	26.41 2.29 -4.00	23.76 1.89 -2.80
KEDC_GLWD_GT4 24219	20.43 1.17 0.00	18.39 1.04 0.00	18.27 0.97 0.00	18.17 0.96 0.00	18.32 0.95 0.00	18.85 1.00 0.00	21.32 1.26 0.00	22.24 1.52 -0.17	25.09 1.62 -3.28	25.11 1.62 -3.71	25.89 1.43 -5.88	27.73 1.48 -7.31	28.22 1.55 -7.25	39.64 1.66 -17.73	34.19 1.76 -11.50	37.74 1.80 -14.76	43.47 2.00 -17.70	47.67 2.42 -16.77	40.92 2.27 -9.90	38.13 2.13 -9.44	34.40 1.80 -8.89	30.25 1.78 -7.06	25.62 1.51 -4.00	23.19 1.32 -2.80
KEDC_GLWD_GT5 24220	20.43 1.17 0.00	18.39 1.04 0.00	18.27 0.97 0.00	18.17 0.96 0.00	18.32 0.95 0.00	18.85 1.00 0.00	21.32 1.26 0.00	22.24 1.52 -0.17	25.09 1.62 -3.28	25.11 1.62 -3.71	25.89 1.43 -5.88	27.73 1.48 -7.31	28.22 1.55 -7.25	39.64 1.66 -17.73	34.19 1.76 -11.50	37.74 1.80 -14.76	43.47 2.00 -17.70	47.67 2.42 -16.77	40.92 2.27 -9.90	38.13 2.13 -9.44	34.40 1.80 -8.89	30.25 1.78 -7.06	25.62 1.51 -4.00	23.19 1.32 -2.80
KENSICO____ 23655	20.16 0.91 0.00	18.15 0.80 0.00	18.14 0.83 0.00	18.00 0.79 0.00	18.11 0.75 0.00	18.60 0.75 0.00	20.98 0.92 0.00	21.70 1.15 0.00	21.43 1.23 0.00	21.00 1.23 0.00	19.66 1.08 0.00	20.06 1.12 0.00	20.56 1.15 0.00	21.50 1.26 0.00	22.44 1.51 0.00	22.72 1.55 0.00	25.47 1.69 0.00	30.57 2.08 0.00	30.67 1.93 0.00	28.40 1.83 0.00	25.23 1.52 0.00	22.89 1.48 0.00	21.26 1.15 0.00	20.05 0.97 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.26 1.00 0.00	18.22 0.87 0.00	18.21 0.90 0.00	18.09 0.88 0.00	18.20 0.83 0.00	18.67 0.82 0.00	21.08 1.02 0.00	21.62 1.07 0.00	21.29 1.09 0.00	20.82 1.05 0.00	19.47 0.89 0.00	19.87 0.93 0.00	20.35 0.93 0.00	21.34 1.09 0.00	22.28 1.34 0.00	22.55 1.38 0.00	25.37 1.59 0.00	30.48 1.99 0.00	30.61 1.87 0.00	28.32 1.75 0.00	25.18 1.47 0.00	22.83 1.41 0.00	21.20 1.09 0.00	20.12 1.05 0.00
KIAC_JFK_GT1 23816	20.14 0.89 0.00	18.12 0.76 0.00	18.12 0.81 0.00	17.97 0.76 0.00	18.08 0.71 0.00	18.54 0.70 0.00	20.94 0.88 0.00	21.84 1.29 0.00	21.63 1.43 0.00	21.22 1.44 0.00	19.71 1.13 0.00	20.13 1.19 0.00	20.66 1.24 0.00	21.62 1.38 0.00	22.61 1.67 0.00	22.87 1.69 0.00	25.68 1.90 0.00	30.77 2.28 0.00	30.81 2.07 0.00	28.53 1.97 0.00	25.23 1.52 0.00	22.87 1.46 0.00	21.37 1.25 0.00	20.10 1.03 0.00
KIAC_JFK_GT2 23817	20.14 0.89 0.00	18.12 0.76 0.00	18.12 0.81 0.00	17.97 0.76 0.00	18.08 0.71 0.00	18.54 0.70 0.00	20.94 0.88 0.00	21.84 1.29 0.00	21.63 1.43 0.00	21.22 1.44 0.00	19.71 1.13 0.00	20.13 1.19 0.00	20.66 1.24 0.00	21.62 1.38 0.00	22.61 1.67 0.00	22.87 1.69 0.00	25.68 1.90 0.00	30.77 2.28 0.00	30.81 2.07 0.00	28.53 1.97 0.00	25.23 1.52 0.00	22.87 1.46 0.00	21.37 1.25 0.00	20.10 1.03 0.00
KIAC_JFK____ 323774	20.06 0.81 0.00	18.12 0.76 0.00	18.02 0.71 0.00	17.96 0.76 0.00	18.08 0.71 0.00	18.54 0.70 0.00	20.96 0.90 0.00	21.84 1.30 0.00	21.63 1.43 0.00	21.22 1.44 0.00	19.71 1.13 0.00	20.13 1.19 0.00	20.72 1.30 0.00	21.62 1.38 0.00	22.59 1.65 0.00	22.87 1.69 0.00	25.68 1.90 0.00	30.77 2.28 0.00	30.81 2.07 0.00	28.50 1.94 0.00	25.23 1.52 0.00	22.87 1.46 0.00	21.37 1.25 0.00	20.12 1.05 0.00
KINTIGH____ 23543	19.12 -0.13 0.00	17.18 -0.17 0.00	16.80 -0.50 0.00	16.71 -0.50 0.00	16.88 -0.49 0.00	17.42 -0.43 0.00	19.66 -0.40 0.00	20.22 -0.33 0.00	19.79 -0.40 0.00	19.50 -0.28 0.00	18.43 -0.15 0.00	18.84 -0.09 0.00	19.28 -0.14 0.00	20.20 -0.04 0.00	21.02 0.08 0.00	21.17 0.00 0.00	23.56 -0.21 0.00	27.75 -0.74 0.00	28.11 -0.63 0.00	25.90 -0.66 0.00	23.45 -0.26 0.00	21.09 -0.32 0.00	19.82 -0.30 0.00	18.46 -0.61 0.00

KNTFSRNC_46_KV_46KV_LOAD 80397	19.37 0.12 0.00	17.51 0.16 0.00	17.44 0.14 0.00	17.29 0.09 0.00	17.47 0.10 0.00	18.01 0.16 0.00	20.18 0.12 0.00	20.86 0.31 0.00	20.46 0.26 0.00	20.09 0.32 0.00	18.86 0.28 0.00	19.20 0.27 0.00	19.73 0.31 0.00	20.59 0.34 0.00	21.17 0.23 0.00	21.43 0.25 0.00	24.25 0.48 0.00	28.91 0.43 0.00	29.20 0.46 0.00	26.96 0.40 0.00	24.02 0.31 0.00	21.61 0.19 0.00	20.40 0.28 0.00	19.26 0.19 0.00
LACHUTE___HYDRO 323717	20.60 1.35 0.00	18.60 1.25 0.00	18.47 1.16 0.00	18.36 1.15 0.00	18.58 1.22 0.00	19.12 1.27 0.00	21.66 1.61 0.00	22.23 1.69 0.00	22.40 2.20 0.00	21.63 1.86 0.00	20.25 1.67 0.00	20.59 1.65 0.00	21.05 1.63 0.00	21.98 1.74 0.00	22.93 1.99 0.00	23.16 1.99 0.00	26.18 2.40 0.00	31.76 3.27 0.00	32.28 3.53 0.00	29.81 3.24 0.00	26.77 3.06 0.00	24.05 2.63 0.00	22.25 2.13 0.00	20.94 1.87 0.00
LAWRNCALV_115KV_TB1 80681	18.66 -0.60 0.00	16.92 -0.43 0.00	16.87 -0.43 0.00	16.74 -0.46 0.00	16.93 -0.43 0.00	17.46 -0.39 0.00	19.40 -0.66 0.00	19.89 -0.66 0.00	19.47 -0.73 0.00	19.06 -0.71 0.00	18.02 -0.56 0.00	18.35 -0.59 0.00	18.85 -0.56 0.00	19.53 -0.71 0.00	20.08 -0.86 0.00	20.33 -0.85 0.00	22.97 -0.81 0.00	27.49 -1.00 0.00	27.76 -0.98 0.00	25.64 -0.93 0.00	22.81 -0.90 0.00	20.62 -0.79 0.00	19.47 -0.64 0.00	18.69 -0.38 0.00
LEDERLE___ 23769	20.14 0.89 0.00	18.13 0.78 0.00	18.10 0.80 0.00	17.97 0.76 0.00	18.08 0.71 0.00	18.58 0.73 0.00	20.96 0.90 0.00	21.64 1.09 0.00	21.35 1.15 0.00	20.92 1.15 0.00	19.60 1.02 0.00	20.00 1.06 0.00	20.48 1.07 0.00	21.46 1.21 0.00	22.40 1.47 0.00	22.66 1.48 0.00	25.44 1.66 0.00	30.48 1.99 0.00	30.58 1.84 0.00	28.32 1.75 0.00	25.18 1.47 0.00	22.85 1.43 0.00	21.20 1.09 0.00	20.03 0.95 0.00
LIGHTHSE_115KV_TB6 355974	19.12 -0.13 0.00	17.20 -0.16 0.00	17.12 -0.19 0.00	17.02 -0.19 0.00	17.21 -0.16 0.00	17.71 -0.14 0.00	19.96 -0.10 0.00	20.40 -0.14 0.00	19.99 -0.20 0.00	19.58 -0.20 0.00	18.39 -0.19 0.00	18.75 -0.19 0.00	19.20 -0.21 0.00	20.00 -0.24 0.00	20.73 -0.21 0.00	20.96 -0.21 0.00	23.54 -0.24 0.00	28.20 -0.28 0.00	28.54 -0.20 0.00	26.30 -0.27 0.00	23.50 -0.21 0.00	21.16 -0.26 0.00	19.88 -0.24 0.00	18.85 -0.23 0.00
LINDEN COGEN___ 23786	19.99 0.73 0.00	18.08 0.73 0.00	17.98 0.67 0.00	17.93 0.72 0.00	18.04 0.68 0.00	18.49 0.64 0.00	20.88 0.82 0.00	21.66 1.11 0.00	21.41 1.21 0.00	21.02 1.25 0.00	19.67 1.10 0.00	20.07 1.14 0.00	20.64 1.22 0.00	21.52 1.28 0.00	22.46 1.53 0.00	22.74 1.57 0.00	25.51 1.73 0.00	30.54 2.05 0.00	30.61 1.87 0.00	28.35 1.78 0.00	25.13 1.42 0.00	22.81 1.39 0.00	21.22 1.11 0.00	20.03 0.95 0.00
LINDHRST_69_KV_BK1 356055	20.93 1.68 0.00	18.78 1.42 0.00	18.66 1.35 0.00	18.43 1.22 0.00	18.61 1.25 0.00	19.20 1.36 0.00	21.78 1.73 0.00	22.81 2.10 -0.17	25.64 2.16 -3.28	25.62 2.14 -3.71	26.31 1.86 -5.88	28.17 1.91 -7.32	28.61 1.94 -7.25	40.10 2.13 -17.73	34.91 2.47 -11.50	38.46 2.52 -14.76	44.26 2.78 -17.70	48.62 3.36 -16.77	41.87 3.22 -9.91	39.04 3.03 -9.44	35.23 2.63 -8.89	30.87 2.40 -7.06	26.19 2.07 -4.00	23.61 1.74 -2.80
LIPA_MISC_IPP 23656	21.05 1.79 0.00	18.88 1.53 0.00	18.76 1.45 0.00	18.53 1.33 0.00	18.72 1.35 0.00	19.33 1.48 0.00	21.88 1.83 0.00	22.95 2.24 -0.17	25.82 2.34 -3.28	25.78 2.29 -3.71	26.41 1.95 -5.88	28.30 2.05 -7.31	28.70 2.04 -7.25	40.22 2.25 -17.73	35.01 2.58 -11.50	38.58 2.65 -14.76	44.38 2.90 -17.70	48.82 3.56 -16.77	42.10 3.45 -9.91	39.30 3.29 -9.44	35.44 2.85 -8.89	31.00 2.53 -7.06	26.31 2.19 -4.00	23.69 1.81 -2.80
LISF___SOLAR 323691	21.03 1.77 0.00	18.92 1.56 0.00	18.74 1.44 0.00	18.55 1.34 0.00	18.75 1.39 0.00	19.36 1.52 0.00	21.92 1.87 0.00	22.98 2.26 -0.17	25.84 2.36 -3.28	25.80 2.31 -3.71	26.41 1.95 -5.88	28.32 2.06 -7.31	28.78 2.12 -7.25	40.26 2.29 -17.73	35.07 2.64 -11.50	38.69 2.75 -14.76	44.55 3.07 -17.70	49.01 3.76 -16.77	42.24 3.59 -9.91	39.36 3.35 -9.44	35.54 2.94 -8.89	31.17 2.70 -7.06	26.45 2.33 -4.00	23.84 1.97 -2.80
LITTLE FALLS___HYD 24013	19.83 0.58 0.00	17.87 0.52 0.00	17.82 0.52 0.00	17.72 0.52 0.00	17.90 0.54 0.00	18.40 0.55 0.00	20.70 0.64 0.00	21.08 0.53 0.00	20.70 0.50 0.00	20.25 0.47 0.00	19.02 0.45 0.00	19.37 0.44 0.00	19.86 0.45 0.00	20.75 0.51 0.00	21.48 0.54 0.00	21.75 0.57 0.00	24.42 0.64 0.00	29.28 0.80 0.00	29.55 0.80 0.00	27.28 0.72 0.00	24.35 0.64 0.00	22.04 0.62 0.00	20.66 0.54 0.00	19.67 0.59 0.00
LITTLRIV_115KV_TB1 356100	18.79 -0.46 0.00	17.04 -0.31 0.00	16.99 -0.31 0.00	16.86 -0.34 0.00	17.07 -0.30 0.00	17.60 -0.25 0.00	19.58 -0.48 0.00	20.03 -0.51 0.00	19.61 -0.59 0.00	19.18 -0.59 0.00	18.13 -0.45 0.00	18.45 -0.49 0.00	18.97 -0.45 0.00	19.68 -0.57 0.00	20.23 -0.71 0.00	20.47 -0.70 0.00	23.18 -0.59 0.00	27.77 -0.71 0.00	28.05 -0.69 0.00	25.88 -0.69 0.00	23.00 -0.71 0.00	20.77 -0.64 0.00	19.61 -0.50 0.00	18.85 -0.23 0.00
LI_NEWBRDGE___DRP 323616	20.51 1.25 0.00	18.39 1.04 0.00	18.33 1.02 0.00	18.12 0.91 0.00	18.28 0.92 0.00	18.85 1.00 0.00	21.34 1.28 0.00	22.30 1.58 -0.17	25.13 1.66 -3.28	25.12 1.64 -3.71	25.85 1.39 -5.88	27.69 1.44 -7.31	28.12 1.46 -7.25	39.57 1.60 -17.73	34.32 1.88 -11.50	37.86 1.93 -14.76	43.59 2.12 -17.70	47.82 2.56 -16.77	41.06 2.41 -9.90	38.29 2.28 -9.44	34.54 1.94 -8.89	30.29 1.82 -7.06	25.66 1.55 -3.99	23.19 1.32 -2.80
LOCKPORT_115KV_TB60_63_64 80432	19.29 0.04 0.00	17.34 -0.02 0.00	16.89 -0.42 0.00	16.80 -0.41 0.00	16.88 -0.49 0.00	17.51 -0.34 0.00	19.70 -0.36 0.00	20.26 -0.29 0.00	19.83 -0.36 0.00	19.56 -0.22 0.00	18.52 -0.06 0.00	18.94 0.00 0.00	19.40 -0.02 0.00	20.34 0.10 0.00	21.19 0.25 0.00	21.34 0.17 0.00	23.71 -0.07 0.00	27.83 -0.66 0.00	28.22 -0.52 0.00	25.96 -0.61 0.00	23.54 -0.17 0.00	21.14 -0.28 0.00	19.86 -0.26 0.00	18.46 -0.61 0.00
LOCKPORT___CC1 323769	19.24 -0.02 0.00	17.34 -0.02 0.00	17.08 -0.23 0.00	16.71 -0.50 0.00	16.88 -0.49 0.00	17.44 -0.41 0.00	19.74 -0.32 0.00	20.28 -0.27 0.00	19.83 -0.36 0.00	19.58 -0.20 0.00	18.52 -0.06 0.00	18.96 0.02 0.00	19.42 0.00 0.00	20.37 0.12 0.00	21.25 0.31 0.00	21.34 0.17 0.00	23.71 -0.07 0.00	27.83 -0.65 0.00	28.19 -0.55 0.00	25.96 -0.61 0.00	23.54 -0.16 0.00	21.16 -0.26 0.00	19.86 -0.26 0.00	18.46 -0.61 0.00
LOCKPORT___CC2 323770	19.24 -0.02 0.00	17.34 -0.02 0.00	17.08 -0.23 0.00	16.71 -0.50 0.00	16.88 -0.49 0.00	17.44 -0.41 0.00	19.74 -0.32 0.00	20.28 -0.27 0.00	19.83 -0.36 0.00	19.58 -0.20 0.00	18.52 -0.06 0.00	18.96 0.02 0.00	19.42 0.00 0.00	20.37 0.12 0.00	21.25 0.31 0.00	21.34 0.17 0.00	23.71 -0.07 0.00	27.83 -0.65 0.00	28.19 -0.55 0.00	25.96 -0.61 0.00	23.54 -0.16 0.00	21.16 -0.26 0.00	19.86 -0.26 0.00	18.46 -0.61 0.00

LOCKPORT__CC3 323771	19.24 -0.02 0.00	17.34 -0.02 0.00	17.08 -0.23 0.00	16.71 -0.50 0.00	16.88 -0.49 0.00	17.44 -0.41 0.00	19.74 -0.32 0.00	20.28 -0.27 0.00	19.83 -0.36 0.00	19.58 -0.20 0.00	18.52 -0.06 0.00	18.96 0.02 0.00	19.42 0.00 0.00	20.37 0.12 0.00	21.25 0.31 0.00	21.34 0.17 0.00	23.71 -0.07 0.00	27.83 -0.65 0.00	28.19 -0.55 0.00	25.96 -0.61 0.00	23.54 -0.16 0.00	21.16 -0.26 0.00	19.86 -0.26 0.00	18.46 -0.61 0.00
LONG_LAKE_PHOENIX 24014	19.16 -0.10 0.00	17.21 -0.14 0.00	17.13 -0.17 0.00	17.02 -0.19 0.00	17.19 -0.17 0.00	17.69 -0.16 0.00	19.92 -0.14 0.00	20.30 -0.25 0.00	19.91 -0.28 0.00	19.52 -0.26 0.00	18.35 -0.22 0.00	18.73 -0.21 0.00	19.18 -0.23 0.00	19.98 -0.26 0.00	20.69 -0.25 0.00	20.92 -0.25 0.00	23.47 -0.31 0.00	28.09 -0.40 0.00	28.37 -0.37 0.00	26.19 -0.37 0.00	23.43 -0.28 0.00	21.12 -0.30 0.00	19.86 -0.26 0.00	18.90 -0.17 0.00
LOVETT__3 23632	20.05 0.79 0.00	18.06 0.71 0.00	18.03 0.73 0.00	17.90 0.69 0.00	18.02 0.66 0.00	18.51 0.66 0.00	20.88 0.82 0.00	21.55 1.01 0.00	21.29 1.09 0.00	20.86 1.09 0.00	19.53 0.95 0.00	19.92 0.98 0.00	20.43 1.01 0.00	21.38 1.13 0.00	22.32 1.38 0.00	22.57 1.40 0.00	25.32 1.55 0.00	30.37 1.88 0.00	30.44 1.70 0.00	28.19 1.62 0.00	25.08 1.38 0.00	22.74 1.33 0.00	21.12 1.01 0.00	19.95 0.88 0.00
LOVETT__4 23642	20.05 0.79 0.00	18.06 0.71 0.00	18.03 0.73 0.00	17.90 0.69 0.00	18.02 0.66 0.00	18.51 0.66 0.00	20.88 0.82 0.00	21.55 1.01 0.00	21.29 1.09 0.00	20.86 1.09 0.00	19.53 0.95 0.00	19.92 0.98 0.00	20.43 1.01 0.00	21.38 1.13 0.00	22.32 1.38 0.00	22.57 1.40 0.00	25.32 1.55 0.00	30.37 1.88 0.00	30.44 1.70 0.00	28.19 1.62 0.00	25.08 1.38 0.00	22.74 1.33 0.00	21.12 1.01 0.00	19.95 0.88 0.00
LOVETT__5 23593	20.05 0.79 0.00	18.06 0.71 0.00	18.03 0.73 0.00	17.90 0.69 0.00	18.02 0.66 0.00	18.51 0.66 0.00	20.88 0.82 0.00	21.55 1.01 0.00	21.29 1.09 0.00	20.86 1.09 0.00	19.53 0.95 0.00	19.92 0.98 0.00	20.43 1.01 0.00	21.38 1.13 0.00	22.32 1.38 0.00	22.57 1.40 0.00	25.32 1.55 0.00	30.37 1.88 0.00	30.44 1.70 0.00	28.19 1.62 0.00	25.08 1.38 0.00	22.74 1.33 0.00	21.12 1.01 0.00	19.95 0.88 0.00
LOWER RAQUET__HYD 24057	18.74 -0.52 0.00	16.82 -0.54 0.00	16.77 -0.54 0.00	16.64 -0.57 0.00	16.84 -0.52 0.00	17.35 -0.50 0.00	19.30 -0.76 0.00	19.77 -0.78 0.00	19.35 -0.85 0.00	18.90 -0.87 0.00	17.91 -0.67 0.00	18.24 -0.70 0.00	18.54 -0.87 0.00	19.41 -0.83 0.00	19.95 -0.98 0.00	20.20 -0.97 0.00	22.85 -0.93 0.00	27.35 -1.14 0.00	27.62 -1.12 0.00	25.50 -1.06 0.00	22.67 -1.04 0.00	20.52 -0.90 0.00	19.37 -0.74 0.00	18.62 -0.46 0.00
LOWER__HUDSON 24059	19.91 0.66 0.00	18.00 0.64 0.00	17.96 0.66 0.00	17.90 0.69 0.00	18.04 0.68 0.00	18.54 0.70 0.00	20.84 0.78 0.00	21.31 0.76 0.00	21.04 0.85 0.00	20.51 0.73 0.00	19.23 0.65 0.00	19.58 0.64 0.00	20.10 0.68 0.00	20.93 0.69 0.00	21.78 0.84 0.00	22.02 0.85 0.00	24.73 0.95 0.00	29.85 1.37 0.00	30.15 1.41 0.00	27.95 1.38 0.00	24.89 1.18 0.00	22.51 1.09 0.00	20.96 0.84 0.00	19.86 0.78 0.00
LOWVILLE_115KV_TB2 356335	19.24 -0.02 0.00	17.35 0.00 0.00	17.29 -0.02 0.00	17.17 -0.03 0.00	17.38 0.02 0.00	17.92 0.07 0.00	20.16 0.10 0.00	20.63 0.08 0.00	20.18 -0.02 0.00	19.71 -0.06 0.00	18.52 -0.06 0.00	18.86 -0.08 0.00	19.34 -0.08 0.00	20.18 -0.06 0.00	20.92 -0.02 0.00	21.17 0.00 0.00	23.90 0.12 0.00	28.71 0.23 0.00	29.06 0.32 0.00	26.75 0.19 0.00	23.83 0.12 0.00	21.46 0.04 0.00	20.14 0.02 0.00	19.13 0.06 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	20.05 0.79 0.00	18.08 0.73 0.00	18.05 0.74 0.00	17.95 0.74 0.00	18.11 0.75 0.00	18.62 0.77 0.00	20.96 0.90 0.00	21.49 0.95 0.00	21.33 1.13 0.00	20.72 0.95 0.00	19.43 0.85 0.00	19.79 0.85 0.00	20.29 0.87 0.00	21.19 0.95 0.00	22.07 1.13 0.00	22.30 1.12 0.00	25.09 1.31 0.00	30.28 1.79 0.00	30.61 1.87 0.00	28.35 1.78 0.00	25.30 1.59 0.00	22.83 1.41 0.00	21.24 1.13 0.00	20.07 0.99 0.00
LUTHERNY_35_KV_BK2 355980	20.06 0.81 0.00	18.08 0.73 0.00	18.05 0.74 0.00	17.95 0.74 0.00	18.11 0.75 0.00	18.62 0.77 0.00	20.96 0.90 0.00	21.49 0.95 0.00	21.33 1.13 0.00	20.74 0.97 0.00	19.45 0.87 0.00	19.81 0.87 0.00	20.31 0.89 0.00	21.19 0.95 0.00	22.07 1.13 0.00	22.32 1.14 0.00	25.09 1.31 0.00	30.28 1.79 0.00	30.64 1.90 0.00	28.37 1.81 0.00	25.30 1.59 0.00	22.85 1.43 0.00	21.26 1.15 0.00	20.09 1.01 0.00
LWR__OSWEGATCHIE_HYD 23850	18.79 -0.46 0.00	16.99 -0.36 0.00	16.92 -0.38 0.00	16.81 -0.40 0.00	17.02 -0.35 0.00	17.54 -0.30 0.00	19.62 -0.44 0.00	20.12 -0.43 0.00	19.69 -0.50 0.00	19.24 -0.53 0.00	18.13 -0.45 0.00	18.46 -0.47 0.00	18.93 -0.49 0.00	19.68 -0.57 0.00	20.31 -0.63 0.00	20.56 -0.61 0.00	23.23 -0.55 0.00	27.89 -0.60 0.00	28.20 -0.55 0.00	25.98 -0.58 0.00	23.12 -0.59 0.00	20.90 -0.51 0.00	19.68 -0.44 0.00	18.77 -0.31 0.00
LYONS_FALL_HYD 23570	19.41 0.15 0.00	17.48 0.12 0.00	17.43 0.12 0.00	17.31 0.10 0.00	17.50 0.14 0.00	18.05 0.20 0.00	20.30 0.24 0.00	20.75 0.21 0.00	20.32 0.12 0.00	19.85 0.08 0.00	18.65 0.07 0.00	19.00 0.06 0.00	19.47 0.06 0.00	20.34 0.10 0.00	21.10 0.17 0.00	21.34 0.17 0.00	24.06 0.29 0.00	28.89 0.40 0.00	29.20 0.46 0.00	26.91 0.34 0.00	23.97 0.26 0.00	21.61 0.19 0.00	20.26 0.14 0.00	19.25 0.17 0.00
MADISON__COUNTY_LFGE 323628	19.72 0.46 0.00	17.75 0.40 0.00	17.67 0.36 0.00	17.57 0.36 0.00	17.76 0.40 0.00	18.29 0.45 0.00	20.60 0.54 0.00	21.04 0.49 0.00	20.62 0.42 0.00	20.17 0.40 0.00	18.93 0.35 0.00	19.30 0.36 0.00	19.80 0.39 0.00	20.69 0.45 0.00	21.48 0.54 0.00	21.70 0.53 0.00	24.40 0.62 0.00	29.23 0.74 0.00	29.52 0.78 0.00	27.23 0.66 0.00	24.30 0.59 0.00	21.89 0.47 0.00	20.52 0.40 0.00	19.49 0.42 0.00
MALONE__115KV_TB1 356076	19.12 -0.13 0.00	17.30 -0.05 0.00	17.24 -0.07 0.00	17.09 -0.12 0.00	17.28 -0.09 0.00	17.81 -0.04 0.00	19.92 -0.14 0.00	20.53 -0.02 0.00	20.14 -0.06 0.00	19.77 0.00 0.00	18.58 0.00 0.00	18.92 -0.02 0.00	19.45 0.04 0.00	20.26 0.02 0.00	20.81 -0.13 0.00	21.07 -0.11 0.00	23.85 0.07 0.00	28.43 -0.06 0.00	28.74 0.00 0.00	26.54 -0.03 0.00	23.61 -0.09 0.00	21.27 -0.15 0.00	20.10 -0.02 0.00	19.06 -0.02 0.00
MAPLEWOD_115KV_TB3 80458	19.81 0.56 0.00	17.87 0.52 0.00	17.88 0.57 0.00	17.79 0.59 0.00	17.94 0.57 0.00	18.46 0.61 0.00	20.70 0.64 0.00	21.20 0.66 0.00	20.90 0.71 0.00	20.37 0.59 0.00	19.14 0.56 0.00	19.49 0.55 0.00	19.98 0.56 0.00	20.81 0.57 0.00	21.67 0.73 0.00	21.91 0.74 0.00	24.61 0.83 0.00	29.68 1.20 0.00	29.98 1.24 0.00	27.76 1.20 0.00	24.75 1.04 0.00	22.36 0.94 0.00	20.80 0.68 0.00	19.70 0.63 0.00

MAPLE_RIDGE_WT_1 323574	19.24 -0.02 0.00	17.34 -0.02 0.00	17.31 0.00 0.00	17.21 0.00 0.00	17.38 0.02 0.00	17.87 0.02 0.00	20.10 0.04 0.00	20.59 0.04 0.00	20.24 0.04 0.00	19.81 0.04 0.00	18.62 0.04 0.00	18.98 0.04 0.00	19.45 0.04 0.00	20.28 0.04 0.00	21.02 0.08 0.00	21.24 0.06 0.00	23.85 0.07 0.00	28.57 0.09 0.00	28.83 0.09 0.00	26.65 0.08 0.00	23.76 0.05 0.00	21.42 0.00 0.00	19.98 -0.14 0.00	18.81 -0.27 0.00
MAPLE_RIDGE_WT_2 323611	19.24 -0.02 0.00	17.34 -0.02 0.00	17.31 0.00 0.00	17.21 0.00 0.00	17.38 0.02 0.00	17.87 0.02 0.00	20.10 0.04 0.00	20.59 0.04 0.00	20.24 0.04 0.00	19.81 0.04 0.00	18.62 0.04 0.00	18.98 0.04 0.00	19.45 0.04 0.00	20.28 0.04 0.00	21.02 0.08 0.00	21.24 0.06 0.00	23.85 0.07 0.00	28.57 0.09 0.00	28.83 0.09 0.00	26.65 0.08 0.00	23.76 0.05 0.00	21.42 0.00 0.00	19.98 -0.14 0.00	18.81 -0.27 0.00
MARBLE_RIVER_WT_PWR 323696	19.24 -0.02 0.00	17.32 -0.03 0.00	17.27 -0.03 0.00	17.14 -0.07 0.00	17.29 -0.07 0.00	17.81 -0.04 0.00	19.94 -0.12 0.00	20.57 0.02 0.00	20.22 0.02 0.00	19.79 0.02 0.00	18.63 0.06 0.00	18.98 0.04 0.00	19.44 0.02 0.00	20.32 0.08 0.00	20.90 -0.04 0.00	21.13 -0.04 0.00	23.85 0.07 0.00	28.49 0.00 0.00	28.77 0.03 0.00	26.57 0.00 0.00	23.66 -0.05 0.00	21.33 -0.09 0.00	20.14 0.02 0.00	19.06 -0.02 0.00
MARSHVLE_115KV_TB1 80742	20.05 0.79 0.00	18.05 0.69 0.00	17.98 0.67 0.00	17.88 0.67 0.00	18.08 0.71 0.00	18.62 0.77 0.00	21.04 0.98 0.00	21.66 1.11 0.00	21.33 1.13 0.00	20.76 0.99 0.00	19.43 0.85 0.00	19.79 0.85 0.00	20.21 0.80 0.00	21.13 0.89 0.00	22.07 1.13 0.00	22.34 1.16 0.00	25.18 1.40 0.00	30.40 1.91 0.00	30.78 2.04 0.00	28.37 1.81 0.00	25.30 1.59 0.00	22.87 1.46 0.00	21.24 1.13 0.00	19.97 0.90 0.00
MARSH_HILL_WT_PWR 323713	19.97 0.71 0.00	17.89 0.54 0.00	17.69 0.38 0.00	17.43 0.22 0.00	17.64 0.28 0.00	18.24 0.39 0.00	20.62 0.56 0.00	21.18 0.64 0.00	20.72 0.52 0.00	20.41 0.63 0.00	19.25 0.67 0.00	19.68 0.74 0.00	20.19 0.78 0.00	21.15 0.91 0.00	22.11 1.17 0.00	22.29 1.12 0.00	24.92 1.14 0.00	29.43 0.94 0.00	29.78 1.03 0.00	27.42 0.85 0.00	24.75 1.04 0.00	22.21 0.79 0.00	20.72 0.60 0.00	19.23 0.15 0.00
MCINTYRE_115KV_TB2 80467	18.97 -0.29 0.00	17.21 -0.14 0.00	17.17 -0.14 0.00	17.04 -0.17 0.00	17.22 -0.14 0.00	17.76 -0.09 0.00	19.76 -0.30 0.00	20.28 -0.27 0.00	19.83 -0.36 0.00	19.40 -0.38 0.00	18.32 -0.26 0.00	18.65 -0.28 0.00	19.18 -0.23 0.00	19.92 -0.32 0.00	20.48 -0.46 0.00	20.73 -0.44 0.00	23.47 -0.31 0.00	28.12 -0.37 0.00	28.43 -0.32 0.00	26.19 -0.37 0.00	23.28 -0.43 0.00	21.01 -0.41 0.00	19.84 -0.28 0.00	19.02 -0.06 0.00
MECO____69_KV_BK1 80468	20.58 1.33 0.00	18.53 1.18 0.00	18.43 1.12 0.00	18.31 1.10 0.00	18.53 1.16 0.00	19.08 1.23 0.00	21.62 1.56 0.00	22.01 1.46 0.00	21.69 1.49 0.00	21.04 1.27 0.00	19.66 1.08 0.00	20.00 1.06 0.00	20.48 1.07 0.00	21.44 1.19 0.00	22.42 1.49 0.00	22.76 1.59 0.00	25.73 1.95 0.00	31.16 2.68 0.00	31.62 2.87 0.00	29.17 2.60 0.00	26.01 2.30 0.00	23.41 1.99 0.00	21.71 1.59 0.00	20.56 1.49 0.00
MENANDS__115KV_TB5 355628	19.74 0.48 0.00	17.80 0.45 0.00	17.81 0.50 0.00	17.72 0.52 0.00	17.87 0.50 0.00	18.37 0.52 0.00	20.62 0.56 0.00	21.10 0.55 0.00	20.80 0.61 0.00	20.27 0.49 0.00	19.04 0.46 0.00	19.39 0.45 0.00	19.88 0.47 0.00	20.71 0.47 0.00	21.57 0.63 0.00	21.79 0.61 0.00	24.47 0.69 0.00	29.51 1.03 0.00	29.81 1.06 0.00	27.60 1.04 0.00	24.61 0.90 0.00	22.23 0.81 0.00	20.68 0.56 0.00	19.61 0.53 0.00
MG INDUSTRY___DRP 24185	19.85 0.60 0.00	17.91 0.56 0.00	17.91 0.61 0.00	17.84 0.64 0.00	17.99 0.63 0.00	18.47 0.62 0.00	20.72 0.66 0.00	21.23 0.68 0.00	20.90 0.71 0.00	20.37 0.59 0.00	19.14 0.56 0.00	19.49 0.55 0.00	19.96 0.54 0.00	20.83 0.59 0.00	21.67 0.73 0.00	21.89 0.72 0.00	24.61 0.83 0.00	29.65 1.17 0.00	29.95 1.21 0.00	27.74 1.17 0.00	24.73 1.02 0.00	22.34 0.92 0.00	20.82 0.70 0.00	19.70 0.63 0.00
MID___OSWEGATCHIE_HYD 23849	18.79 -0.46 0.00	16.99 -0.36 0.00	16.92 -0.38 0.00	16.81 -0.40 0.00	17.02 -0.35 0.00	17.54 -0.30 0.00	19.62 -0.44 0.00	20.12 -0.43 0.00	19.69 -0.50 0.00	19.24 -0.53 0.00	18.13 -0.45 0.00	18.46 -0.47 0.00	18.93 -0.49 0.00	19.68 -0.57 0.00	20.31 -0.63 0.00	20.56 -0.61 0.00	23.23 -0.55 0.00	27.89 -0.60 0.00	28.20 -0.55 0.00	25.98 -0.58 0.00	23.12 -0.59 0.00	20.90 -0.51 0.00	19.68 -0.44 0.00	18.77 -0.31 0.00
MID___RAQUETTE_HYD 23851	18.56 -0.69 0.00	16.82 -0.54 0.00	16.77 -0.54 0.00	16.64 -0.57 0.00	16.84 -0.52 0.00	17.35 -0.50 0.00	19.30 -0.76 0.00	19.77 -0.78 0.00	19.35 -0.85 0.00	18.94 -0.83 0.00	17.91 -0.67 0.00	18.24 -0.70 0.00	18.72 -0.70 0.00	19.41 -0.83 0.00	19.95 -0.98 0.00	20.20 -0.97 0.00	22.85 -0.93 0.00	27.35 -1.14 0.00	27.62 -1.12 0.00	25.50 -1.06 0.00	22.67 -1.04 0.00	20.49 -0.92 0.00	19.37 -0.74 0.00	18.62 -0.46 0.00
MILLIKEN___1 23584	19.74 0.48 0.00	17.73 0.38 0.00	17.62 0.31 0.00	17.50 0.29 0.00	17.69 0.33 0.00	18.21 0.36 0.00	20.54 0.48 0.00	21.04 0.49 0.00	20.60 0.40 0.00	20.19 0.42 0.00	18.97 0.39 0.00	19.35 0.42 0.00	19.84 0.43 0.00	20.71 0.47 0.00	21.54 0.61 0.00	21.81 0.64 0.00	24.44 0.67 0.00	29.23 0.74 0.00	29.55 0.80 0.00	27.23 0.66 0.00	24.40 0.69 0.00	21.97 0.56 0.00	20.56 0.44 0.00	19.42 0.34 0.00
MILLIKEN___2 23585	19.74 0.48 0.00	17.73 0.38 0.00	17.62 0.31 0.00	17.50 0.29 0.00	17.69 0.33 0.00	18.21 0.36 0.00	20.54 0.48 0.00	21.04 0.49 0.00	20.60 0.40 0.00	20.19 0.42 0.00	18.97 0.39 0.00	19.35 0.42 0.00	19.84 0.43 0.00	20.71 0.47 0.00	21.54 0.61 0.00	21.81 0.64 0.00	24.44 0.67 0.00	29.23 0.74 0.00	29.55 0.80 0.00	27.23 0.66 0.00	24.40 0.69 0.00	21.97 0.56 0.00	20.56 0.44 0.00	19.42 0.34 0.00
MILLIKEN___DIESEL 23629	19.74 0.48 0.00	17.73 0.38 0.00	17.62 0.31 0.00	17.50 0.29 0.00	17.69 0.33 0.00	18.21 0.36 0.00	20.54 0.48 0.00	21.04 0.49 0.00	20.60 0.40 0.00	20.19 0.42 0.00	18.97 0.39 0.00	19.35 0.42 0.00	19.84 0.43 0.00	20.71 0.47 0.00	21.54 0.61 0.00	21.81 0.64 0.00	24.44 0.67 0.00	29.23 0.74 0.00	29.55 0.80 0.00	27.23 0.66 0.00	24.40 0.69 0.00	21.97 0.56 0.00	20.56 0.44 0.00	19.42 0.34 0.00
MILLSEAT___LFGE 323607	19.51 0.25 0.00	17.56 0.21 0.00	17.31 0.00 0.00	16.93 -0.28 0.00	17.12 -0.24 0.00	17.69 -0.16 0.00	20.04 -0.02 0.00	20.59 0.04 0.00	20.16 -0.04 0.00	19.89 0.12 0.00	18.80 0.22 0.00	19.24 0.30 0.00	19.71 0.29 0.00	20.67 0.43 0.00	21.56 0.63 0.00	21.68 0.51 0.00	24.11 0.33 0.00	28.37 -0.11 0.00	28.77 0.03 0.00	26.51 -0.05 0.00	24.00 0.29 0.00	21.52 0.11 0.00	20.18 0.06 0.00	18.77 -0.31 0.00

MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.12 0.87 0.00	18.12 0.76 0.00	18.10 0.80 0.00	17.97 0.76 0.00	18.08 0.71 0.00	18.58 0.73 0.00	20.94 0.88 0.00	21.66 1.11 0.00	21.39 1.19 0.00	20.94 1.17 0.00	19.60 1.02 0.00	20.02 1.08 0.00	20.52 1.11 0.00	21.46 1.21 0.00	22.40 1.47 0.00	22.66 1.48 0.00	25.42 1.64 0.00	30.48 1.99 0.00	30.58 1.84 0.00	28.32 1.75 0.00	25.18 1.47 0.00	22.85 1.43 0.00	21.22 1.11 0.00	20.01 0.93 0.00
MILLWOOD_13_KV_LOAD 356217	20.16 0.91 0.00	18.15 0.80 0.00	18.12 0.81 0.00	18.00 0.79 0.00	18.11 0.75 0.00	18.60 0.75 0.00	20.98 0.92 0.00	21.70 1.15 0.00	21.43 1.23 0.00	20.98 1.21 0.00	19.66 1.08 0.00	20.07 1.14 0.00	20.58 1.16 0.00	21.54 1.30 0.00	22.49 1.55 0.00	22.74 1.57 0.00	25.51 1.74 0.00	30.62 2.14 0.00	30.73 1.98 0.00	28.43 1.86 0.00	25.27 1.56 0.00	22.94 1.52 0.00	21.24 1.13 0.00	20.03 0.95 0.00
MODEL_CITY_ENERGY 24167	19.03 -0.23 0.00	17.20 -0.16 0.00	16.96 -0.35 0.00	16.52 -0.69 0.00	16.70 -0.66 0.00	17.26 -0.59 0.00	19.54 -0.52 0.00	20.03 -0.51 0.00	19.59 -0.61 0.00	19.34 -0.44 0.00	18.30 -0.28 0.00	18.71 -0.23 0.00	19.18 -0.23 0.00	20.10 -0.14 0.00	21.00 0.06 0.00	21.09 -0.08 0.00	23.42 -0.36 0.00	27.46 -1.02 0.00	27.85 -0.89 0.00	25.64 -0.93 0.00	23.24 -0.47 0.00	20.90 -0.51 0.00	19.63 -0.48 0.00	18.25 -0.82 0.00
MODERN_LFGE_ 323580	19.03 -0.23 0.00	17.20 -0.16 0.00	16.96 -0.35 0.00	16.52 -0.69 0.00	16.70 -0.66 0.00	17.26 -0.59 0.00	19.54 -0.52 0.00	20.03 -0.51 0.00	19.59 -0.61 0.00	19.34 -0.44 0.00	18.30 -0.28 0.00	18.71 -0.23 0.00	19.18 -0.23 0.00	20.10 -0.14 0.00	21.00 0.06 0.00	21.09 -0.08 0.00	23.42 -0.36 0.00	27.46 -1.02 0.00	27.85 -0.89 0.00	25.64 -0.93 0.00	23.24 -0.47 0.00	20.90 -0.51 0.00	19.63 -0.48 0.00	18.25 -0.82 0.00
MOHAWK_PAPER___DRP 24187	19.81 0.56 0.00	17.87 0.52 0.00	17.88 0.57 0.00	17.79 0.59 0.00	17.94 0.57 0.00	18.46 0.61 0.00	20.70 0.64 0.00	21.20 0.66 0.00	20.90 0.71 0.00	20.37 0.59 0.00	19.14 0.56 0.00	19.49 0.55 0.00	19.98 0.56 0.00	20.81 0.57 0.00	21.67 0.73 0.00	21.91 0.74 0.00	24.61 0.83 0.00	29.68 1.20 0.00	29.98 1.24 0.00	27.76 1.20 0.00	24.75 1.04 0.00	22.36 0.94 0.00	20.80 0.68 0.00	19.70 0.63 0.00
MOHICAN__35_KV_115KV_LD 80490	19.87 0.62 0.00	17.93 0.57 0.00	17.88 0.57 0.00	17.78 0.57 0.00	17.95 0.59 0.00	18.46 0.61 0.00	20.82 0.76 0.00	21.37 0.82 0.00	21.49 1.29 0.00	20.80 1.03 0.00	19.49 0.91 0.00	19.85 0.91 0.00	20.35 0.93 0.00	21.26 1.01 0.00	22.13 1.19 0.00	22.36 1.19 0.00	25.20 1.43 0.00	30.48 1.99 0.00	30.87 2.13 0.00	28.59 2.02 0.00	25.51 1.80 0.00	23.02 1.61 0.00	21.37 1.25 0.00	20.16 1.09 0.00
MONGAUP___HYD 23641	20.03 0.77 0.00	18.05 0.69 0.00	18.00 0.69 0.00	17.91 0.71 0.00	18.04 0.68 0.00	18.51 0.66 0.00	20.88 0.82 0.00	21.45 0.90 0.00	21.13 0.93 0.00	20.66 0.89 0.00	19.34 0.76 0.00	19.72 0.78 0.00	20.25 0.83 0.00	21.13 0.89 0.00	22.05 1.11 0.00	22.32 1.14 0.00	25.11 1.33 0.00	30.11 1.62 0.00	30.29 1.55 0.00	28.00 1.43 0.00	24.99 1.28 0.00	22.64 1.22 0.00	21.04 0.93 0.00	19.91 0.84 0.00
MONTAUK___DIESEL 23721	21.78 2.52 0.00	19.50 2.15 0.00	19.36 2.06 0.00	19.10 1.89 0.00	19.33 1.96 0.00	19.95 2.11 0.00	22.63 2.57 0.00	23.86 3.14 -0.17	26.75 3.27 -3.28	26.71 3.22 -3.71	27.28 2.82 -5.88	29.23 2.97 -7.31	29.64 2.97 -7.25	41.21 3.24 -17.73	36.16 3.73 -11.50	39.71 3.77 -14.76	45.66 4.18 -17.70	50.38 5.13 -16.77	43.65 5.00 -9.91	40.68 4.68 -9.44	36.68 4.08 -8.89	32.05 3.58 -7.06	27.21 3.10 -4.00	24.47 2.59 -2.80
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.87 0.62 0.00	17.77 0.42 0.00	17.32 0.02 0.00	17.21 0.00 0.00	17.38 0.02 0.00	18.01 0.16 0.00	20.38 0.32 0.00	21.02 0.47 0.00	20.60 0.40 0.00	20.37 0.59 0.00	19.30 0.72 0.00	19.75 0.81 0.00	20.21 0.80 0.00	21.23 0.99 0.00	22.13 1.19 0.00	22.30 1.12 0.00	24.82 1.05 0.00	29.14 0.66 0.00	29.43 0.69 0.00	27.07 0.50 0.00	24.52 0.81 0.00	21.95 0.54 0.00	20.48 0.36 0.00	18.98 -0.10 0.00
MORTIMER_115KV_TB3 55949	19.37 0.12 0.00	17.39 0.03 0.00	17.08 -0.22 0.00	16.97 -0.24 0.00	17.16 -0.21 0.00	17.69 -0.16 0.00	19.98 -0.08 0.00	20.55 0.00 0.00	20.16 -0.04 0.00	19.83 0.06 0.00	18.73 0.15 0.00	19.13 0.19 0.00	19.59 0.17 0.00	20.51 0.26 0.00	21.29 0.36 0.00	21.47 0.30 0.00	23.97 0.19 0.00	28.37 -0.11 0.00	28.77 0.03 0.00	26.51 -0.05 0.00	23.90 0.19 0.00	21.48 0.06 0.00	20.16 0.04 0.00	18.86 -0.21 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.18 0.92 0.00	18.17 0.82 0.00	18.17 0.87 0.00	18.02 0.81 0.00	18.13 0.76 0.00	18.60 0.75 0.00	20.98 0.92 0.00	21.76 1.21 0.00	21.51 1.31 0.00	21.10 1.32 0.00	19.73 1.15 0.00	20.13 1.19 0.00	20.66 1.24 0.00	21.60 1.36 0.00	22.57 1.63 0.00	22.82 1.65 0.00	25.61 1.83 0.00	30.71 2.22 0.00	30.75 2.01 0.00	28.48 1.91 0.00	25.27 1.56 0.00	22.91 1.50 0.00	21.30 1.19 0.00	20.10 1.03 0.00
MUNSVILLE_WIND_PWR 323609	20.70 1.44 0.00	18.64 1.28 0.00	18.53 1.23 0.00	18.38 1.17 0.00	18.65 1.28 0.00	19.29 1.45 0.00	21.76 1.70 0.00	22.31 1.77 0.00	21.71 1.52 0.00	21.18 1.40 0.00	19.82 1.24 0.00	20.19 1.25 0.00	20.77 1.36 0.00	21.80 1.56 0.00	22.82 1.89 0.00	23.14 1.97 0.00	26.11 2.33 0.00	31.39 2.91 0.00	31.82 3.08 0.00	29.25 2.68 0.00	26.10 2.39 0.00	23.38 1.97 0.00	21.81 1.69 0.00	20.54 1.47 0.00
N SALMON___HYD 24042	19.22 -0.04 0.00	17.30 -0.05 0.00	17.24 -0.07 0.00	17.09 -0.12 0.00	17.28 -0.09 0.00	17.81 -0.04 0.00	19.92 -0.14 0.00	20.53 -0.02 0.00	20.14 -0.06 0.00	19.71 -0.06 0.00	18.58 0.00 0.00	18.92 -0.02 0.00	19.36 -0.06 0.00	20.26 0.02 0.00	20.81 -0.12 0.00	21.07 -0.11 0.00	23.85 0.07 0.00	28.43 -0.06 0.00	28.74 0.00 0.00	26.54 -0.03 0.00	23.62 -0.09 0.00	21.27 -0.15 0.00	20.10 -0.02 0.00	19.06 -0.02 0.00
N.AKRON__115KV_KNAPP 355671	19.54 0.29 0.00	17.56 0.21 0.00	17.12 -0.19 0.00	17.02 -0.19 0.00	17.12 -0.24 0.00	17.76 -0.09 0.00	20.00 -0.06 0.00	20.59 0.04 0.00	20.16 -0.04 0.00	19.87 0.10 0.00	18.80 0.22 0.00	19.24 0.30 0.00	19.69 0.27 0.00	20.67 0.43 0.00	21.52 0.59 0.00	21.68 0.51 0.00	24.09 0.31 0.00	28.34 -0.14 0.00	28.77 0.03 0.00	26.46 -0.11 0.00	23.97 0.26 0.00	21.50 0.09 0.00	20.18 0.06 0.00	18.77 -0.31 0.00
N.BELMOR_69_KV_BK1 55787	20.66 1.41 0.00	18.53 1.18 0.00	18.45 1.14 0.00	18.24 1.03 0.00	18.41 1.04 0.00	18.97 1.12 0.00	21.50 1.44 0.00	22.48 1.77 -0.17	25.32 1.84 -3.28	25.30 1.82 -3.71	26.03 1.58 -5.88	27.86 1.61 -7.31	28.30 1.63 -7.25	39.76 1.78 -17.73	34.53 2.09 -11.50	38.05 2.12 -14.76	43.81 2.33 -17.70	48.07 2.82 -16.77	41.32 2.67 -9.90	38.53 2.52 -9.44	34.73 2.13 -8.89	30.49 2.01 -7.06	25.86 1.75 -4.00	23.36 1.49 -2.80

N.E_GEN_SANDY PD 24062	19.99 0.73 0.00	18.05 0.69 0.00	18.02 0.71 0.00	17.95 0.74 0.00	18.08 0.71 0.00	18.58 0.73 0.00	20.90 0.84 0.00	21.41 0.86 0.00	21.11 0.91 0.00	20.58 0.81 0.00	19.30 0.72 0.00	19.66 0.72 0.00	20.15 0.74 0.00	21.03 0.79 0.00	21.90 0.96 0.00	22.13 0.95 0.00	24.80 1.02 0.00	29.91 1.42 0.00	30.15 1.41 0.00	27.97 1.41 0.00	24.89 1.18 0.00	22.55 1.13 0.00	20.98 0.86 0.00	19.89 0.82 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.08 0.83 0.00	18.08 0.73 0.00	18.05 0.74 0.00	17.93 0.72 0.00	18.04 0.68 0.00	18.53 0.68 0.00	20.90 0.84 0.00	21.57 1.03 0.00	21.31 1.11 0.00	20.86 1.09 0.00	19.54 0.97 0.00	19.94 1.00 0.00	20.45 1.03 0.00	21.40 1.15 0.00	22.34 1.40 0.00	22.59 1.42 0.00	25.35 1.57 0.00	30.40 1.91 0.00	30.50 1.75 0.00	28.24 1.67 0.00	25.11 1.40 0.00	22.79 1.37 0.00	21.16 1.05 0.00	19.97 0.90 0.00
N.QUEENS_27_KV_LOAD 356247	20.14 0.89 0.00	18.17 0.82 0.00	18.21 0.90 0.00	18.02 0.81 0.00	18.11 0.75 0.00	18.49 0.64 0.00	20.84 0.78 0.00	21.66 1.11 0.00	21.47 1.27 0.00	21.06 1.29 0.00	19.69 1.11 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.58 1.34 0.00	22.57 1.63 0.00	22.82 1.65 0.00	25.59 1.81 0.00	30.68 2.19 0.00	30.70 1.95 0.00	28.43 1.86 0.00	25.13 1.42 0.00	22.81 1.39 0.00	21.20 1.09 0.00	20.05 0.97 0.00
N.TROY____115KV_TB1 355778	19.95 0.69 0.00	18.00 0.64 0.00	17.98 0.67 0.00	17.90 0.69 0.00	18.04 0.68 0.00	18.54 0.70 0.00	20.84 0.78 0.00	21.31 0.76 0.00	21.04 0.85 0.00	20.49 0.71 0.00	19.23 0.65 0.00	19.58 0.64 0.00	20.06 0.64 0.00	20.93 0.69 0.00	21.80 0.86 0.00	22.02 0.85 0.00	24.73 0.95 0.00	29.85 1.37 0.00	30.15 1.41 0.00	27.95 1.38 0.00	24.90 1.19 0.00	22.51 1.09 0.00	20.96 0.84 0.00	19.86 0.78 0.00
NARROWS_GT1_1 24228	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
NARROWS_GT1_2 24229	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
NARROWS_GT1_3 24230	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
NARROWS_GT1_4 24231	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
NARROWS_GT1_5 24232	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
NARROWS_GT1_6 24233	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
NARROWS_GT1_7 24234	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
NARROWS_GT1_8 24235	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
NARROWS_GT2_1 24236	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
NARROWS_GT2_2 24237	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
NARROWS_GT2_3 24238	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00

NARROWS_GT2_4 24239	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
NARROWS_GT2_5 24240	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
NARROWS_GT2_6 24241	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
NARROWS_GT2_7 24242	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
NARROWS_GT2_8 24243	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.05 0.79 0.00	18.08 0.73 0.00	18.08 0.78 0.00	18.00 0.79 0.00	18.15 0.78 0.00	18.65 0.80 0.00	20.96 0.90 0.00	21.45 0.90 0.00	21.08 0.89 0.00	20.47 0.69 0.00	19.23 0.65 0.00	19.56 0.62 0.00	20.04 0.62 0.00	20.91 0.67 0.00	21.77 0.84 0.00	22.04 0.87 0.00	24.87 1.09 0.00	30.11 1.62 0.00	30.47 1.72 0.00	28.19 1.62 0.00	25.11 1.40 0.00	22.66 1.24 0.00	21.04 0.93 0.00	19.89 0.82 0.00
NCHELSEA_115KV_TR2 355582	20.22 0.96 0.00	18.20 0.85 0.00	18.19 0.88 0.00	18.07 0.86 0.00	18.18 0.82 0.00	18.65 0.80 0.00	21.04 0.98 0.00	21.66 1.11 0.00	21.35 1.15 0.00	20.86 1.09 0.00	19.54 0.97 0.00	19.94 1.00 0.00	20.43 1.01 0.00	21.40 1.15 0.00	22.32 1.38 0.00	22.59 1.42 0.00	25.40 1.62 0.00	30.51 2.02 0.00	30.67 1.93 0.00	28.40 1.83 0.00	25.25 1.54 0.00	22.89 1.48 0.00	21.24 1.13 0.00	20.07 0.99 0.00
NEG CAPITAL___MECHNVIL 23645	20.05 0.79 0.00	18.08 0.73 0.00	18.05 0.74 0.00	17.96 0.76 0.00	18.13 0.76 0.00	18.63 0.78 0.00	20.98 0.92 0.00	21.49 0.95 0.00	21.31 1.11 0.00	20.72 0.95 0.00	19.43 0.86 0.00	19.79 0.85 0.00	20.31 0.89 0.00	21.17 0.93 0.00	22.05 1.11 0.00	22.29 1.12 0.00	25.06 1.28 0.00	30.28 1.80 0.00	30.61 1.87 0.00	28.37 1.81 0.00	25.27 1.56 0.00	22.81 1.39 0.00	21.22 1.11 0.00	20.07 0.99 0.00
NEG CENTRAL_HIGH_ACRES 23767	19.06 -0.19 0.00	17.11 -0.24 0.00	16.96 -0.35 0.00	16.76 -0.45 0.00	16.95 -0.42 0.00	17.47 -0.38 0.00	19.74 -0.32 0.00	20.26 -0.29 0.00	19.85 -0.34 0.00	19.54 -0.24 0.00	18.41 -0.17 0.00	18.83 -0.11 0.00	19.30 -0.12 0.00	20.14 -0.10 0.00	20.94 0.00 0.00	21.13 -0.04 0.00	23.52 -0.26 0.00	27.92 -0.57 0.00	28.25 -0.49 0.00	26.04 -0.53 0.00	23.43 -0.28 0.00	21.05 -0.36 0.00	19.76 -0.36 0.00	18.58 -0.50 0.00
NEG CENTRAL___DRP 24199	19.47 0.21 0.00	17.47 0.12 0.00	17.31 0.00 0.00	17.19 -0.02 0.00	17.38 0.02 0.00	17.92 0.07 0.00	20.24 0.18 0.00	20.73 0.18 0.00	20.32 0.12 0.00	19.95 0.18 0.00	18.76 0.19 0.00	19.17 0.23 0.00	19.65 0.23 0.00	20.51 0.26 0.00	21.31 0.38 0.00	21.55 0.38 0.00	24.13 0.36 0.00	28.74 0.26 0.00	29.09 0.34 0.00	26.81 0.24 0.00	24.04 0.33 0.00	21.63 0.21 0.00	20.26 0.14 0.00	19.09 0.02 0.00
NEG CENTRAL___INDECK 23768	20.12 0.87 0.00	18.01 0.66 0.00	17.79 0.48 0.00	17.55 0.34 0.00	17.76 0.40 0.00	18.33 0.48 0.00	20.78 0.72 0.00	21.43 0.88 0.00	20.94 0.75 0.00	20.57 0.79 0.00	19.38 0.80 0.00	19.77 0.83 0.00	20.29 0.87 0.00	21.23 0.99 0.00	22.17 1.23 0.00	22.38 1.21 0.00	25.06 1.28 0.00	29.74 1.25 0.00	30.21 1.47 0.00	27.82 1.25 0.00	25.11 1.40 0.00	22.51 1.09 0.00	21.02 0.91 0.00	19.53 0.46 0.00
NEG CENTRAL___SENECA 23627	19.58 0.33 0.00	17.58 0.23 0.00	17.36 0.05 0.00	17.24 0.03 0.00	17.45 0.09 0.00	17.99 0.14 0.00	20.34 0.28 0.00	20.83 0.29 0.00	20.42 0.22 0.00	20.07 0.30 0.00	18.89 0.32 0.00	19.28 0.34 0.00	19.77 0.35 0.00	20.67 0.43 0.00	21.50 0.57 0.00	21.75 0.57 0.00	24.35 0.57 0.00	28.97 0.48 0.00	29.32 0.57 0.00	26.99 0.43 0.00	24.25 0.55 0.00	21.80 0.39 0.00	20.38 0.26 0.00	19.17 0.10 0.00
NEG CENTRAL___STATE_STREET 24147	19.49 0.23 0.00	17.51 0.16 0.00	17.37 0.07 0.00	17.28 0.07 0.00	17.45 0.09 0.00	17.97 0.12 0.00	20.30 0.24 0.00	20.92 0.37 0.00	20.52 0.32 0.00	20.11 0.34 0.00	18.91 0.33 0.00	19.32 0.38 0.00	19.80 0.39 0.00	20.65 0.40 0.00	21.44 0.50 0.00	21.70 0.53 0.00	24.25 0.48 0.00	28.97 0.48 0.00	29.32 0.57 0.00	26.99 0.43 0.00	24.18 0.47 0.00	21.78 0.36 0.00	20.40 0.28 0.00	19.17 0.10 0.00
NEG MILLWOOD___DRP 24198	20.26 1.00 0.00	18.24 0.89 0.00	18.22 0.92 0.00	18.10 0.89 0.00	18.20 0.83 0.00	18.67 0.82 0.00	21.08 1.02 0.00	21.76 1.21 0.00	21.51 1.31 0.00	21.02 1.25 0.00	19.69 1.11 0.00	20.15 1.21 0.00	20.66 1.24 0.00	21.62 1.38 0.00	22.59 1.65 0.00	22.85 1.67 0.00	25.66 1.88 0.00	30.85 2.36 0.00	30.98 2.24 0.00	28.67 2.10 0.00	25.51 1.80 0.00	23.15 1.73 0.00	21.32 1.21 0.00	20.12 1.05 0.00
NEG NORTH_FLCN_SEA 23793	19.39 0.13 0.00	17.53 0.17 0.00	17.46 0.16 0.00	17.33 0.12 0.00	17.49 0.12 0.00	18.01 0.16 0.00	20.18 0.12 0.00	20.83 0.29 0.00	20.48 0.28 0.00	20.09 0.32 0.00	18.88 0.30 0.00	19.20 0.27 0.00	19.75 0.33 0.00	20.59 0.34 0.00	21.17 0.23 0.00	21.43 0.25 0.00	24.21 0.43 0.00	28.89 0.40 0.00	29.17 0.43 0.00	26.94 0.37 0.00	23.99 0.28 0.00	21.61 0.19 0.00	20.40 0.28 0.00	19.26 0.19 0.00



NEG NORTH_KES_CHATEGAY 23792	19.16 -0.10 0.00	17.32 -0.03 0.00	17.27 -0.03 0.00	17.14 -0.07 0.00	17.29 -0.07 0.00	17.81 -0.04 0.00	19.94 -0.12 0.00	20.57 0.02 0.00	20.20 0.00 0.00	19.83 0.06 0.00	18.61 0.04 0.00	18.96 0.02 0.00	19.47 0.06 0.00	20.32 0.08 0.00	20.87 -0.06 0.00	21.13 -0.04 0.00	23.85 0.07 0.00	28.46 -0.03 0.00	28.77 0.03 0.00	26.57 0.00 0.00	23.66 -0.05 0.00	21.33 -0.09 0.00	20.14 0.02 0.00	19.06 -0.02 0.00
NEG NORTH___ALICE_FALLS 23915	19.37 0.12 0.00	17.51 0.16 0.00	17.44 0.14 0.00	17.29 0.09 0.00	17.47 0.10 0.00	18.01 0.16 0.00	20.18 0.12 0.00	20.86 0.31 0.00	20.46 0.26 0.00	20.09 0.32 0.00	18.86 0.28 0.00	19.20 0.27 0.00	19.73 0.31 0.00	20.59 0.34 0.00	21.17 0.23 0.00	21.43 0.25 0.00	24.25 0.48 0.00	28.91 0.43 0.00	29.20 0.46 0.00	26.96 0.40 0.00	24.02 0.31 0.00	21.61 0.19 0.00	20.40 0.28 0.00	19.26 0.19 0.00
NEG NORTH___LWR_SARANAC 23913	19.37 0.12 0.00	17.51 0.16 0.00	17.44 0.14 0.00	17.29 0.09 0.00	17.47 0.10 0.00	18.01 0.16 0.00	20.18 0.12 0.00	20.86 0.31 0.00	20.46 0.26 0.00	20.09 0.32 0.00	18.86 0.28 0.00	19.20 0.27 0.00	19.73 0.31 0.00	20.59 0.34 0.00	21.17 0.23 0.00	21.43 0.25 0.00	24.25 0.48 0.00	28.91 0.43 0.00	29.20 0.46 0.00	26.96 0.40 0.00	24.02 0.31 0.00	21.61 0.19 0.00	20.40 0.28 0.00	19.26 0.19 0.00
NEG NORTH___PLATTSBURG 23628	19.45 0.19 0.00	17.51 0.16 0.00	17.44 0.14 0.00	17.29 0.09 0.00	17.47 0.10 0.00	18.01 0.16 0.00	20.18 0.12 0.00	20.86 0.31 0.00	20.46 0.26 0.00	20.05 0.28 0.00	18.86 0.28 0.00	19.20 0.27 0.00	19.67 0.25 0.00	20.59 0.34 0.00	21.17 0.23 0.00	21.43 0.25 0.00	24.25 0.48 0.00	28.91 0.43 0.00	29.20 0.46 0.00	26.97 0.40 0.00	24.02 0.31 0.00	21.61 0.19 0.00	20.40 0.28 0.00	19.26 0.19 0.00
NEG WEST_LEA_LOCKPORT 23791	19.29 0.04 0.00	17.34 -0.02 0.00	16.89 -0.42 0.00	16.80 -0.41 0.00	16.88 -0.49 0.00	17.51 -0.34 0.00	19.70 -0.36 0.00	20.26 -0.29 0.00	19.83 -0.36 0.00	19.58 -0.20 0.00	18.52 -0.06 0.00	18.96 0.02 0.00	19.40 -0.02 0.00	20.36 0.12 0.00	21.19 0.25 0.00	21.34 0.17 0.00	23.71 -0.07 0.00	27.83 -0.66 0.00	28.22 -0.52 0.00	25.96 -0.61 0.00	23.54 -0.17 0.00	21.14 -0.28 0.00	19.86 -0.26 0.00	18.46 -0.61 0.00
NEG WEST___LANCASTR 23811	19.51 0.25 0.00	17.46 0.10 0.00	17.03 -0.28 0.00	16.92 -0.29 0.00	17.07 -0.30 0.00	17.69 -0.16 0.00	19.98 -0.08 0.00	20.51 -0.04 0.00	20.12 -0.08 0.00	19.87 0.10 0.00	18.80 0.22 0.00	19.24 0.30 0.00	19.69 0.27 0.00	20.69 0.45 0.00	21.57 0.63 0.00	21.72 0.55 0.00	24.21 0.43 0.00	28.40 -0.09 0.00	28.68 -0.06 0.00	26.41 -0.16 0.00	23.95 0.24 0.00	21.48 0.06 0.00	20.10 -0.02 0.00	18.73 -0.34 0.00
NEG_PENN_ALLEGHNY 23528	19.58 0.33 0.00	17.61 0.26 0.00	17.51 0.21 0.00	17.36 0.15 0.00	17.54 0.17 0.00	18.06 0.21 0.00	20.36 0.30 0.00	20.87 0.33 0.00	20.48 0.28 0.00	20.11 0.34 0.00	18.91 0.33 0.00	19.30 0.36 0.00	19.80 0.39 0.00	20.67 0.43 0.00	21.52 0.59 0.00	21.75 0.57 0.00	24.37 0.59 0.00	29.03 0.54 0.00	29.32 0.57 0.00	27.04 0.48 0.00	24.26 0.55 0.00	21.87 0.45 0.00	20.46 0.34 0.00	19.26 0.19 0.00
NEG___GEN_MONROE 24207	19.47 0.21 0.00	17.47 0.12 0.00	17.13 -0.17 0.00	17.02 -0.19 0.00	17.19 -0.17 0.00	17.76 -0.09 0.00	20.02 -0.04 0.00	20.55 0.00 0.00	20.14 -0.06 0.00	19.81 0.04 0.00	18.73 0.15 0.00	19.15 0.21 0.00	19.59 0.17 0.00	20.51 0.26 0.00	21.29 0.36 0.00	21.43 0.25 0.00	23.90 0.12 0.00	28.29 -0.20 0.00	28.68 -0.06 0.00	26.49 -0.08 0.00	23.88 0.17 0.00	21.48 0.06 0.00	20.16 0.04 0.00	18.90 -0.17 0.00
NEPA___ENERGY 23901	19.60 0.35 0.00	17.56 0.21 0.00	17.13 -0.17 0.00	17.02 -0.19 0.00	17.17 -0.19 0.00	17.79 -0.05 0.00	20.10 0.04 0.00	20.73 0.18 0.00	20.32 0.12 0.00	20.09 0.32 0.00	19.01 0.43 0.00	19.43 0.49 0.00	19.90 0.49 0.00	20.89 0.65 0.00	21.80 0.86 0.00	21.96 0.78 0.00	24.47 0.69 0.00	28.66 0.17 0.00	28.94 0.20 0.00	26.65 0.08 0.00	24.18 0.47 0.00	21.72 0.30 0.00	20.30 0.18 0.00	18.81 -0.27 0.00
NEVERSINK___HYD 23608	20.22 0.96 0.00	18.22 0.87 0.00	18.14 0.83 0.00	18.07 0.86 0.00	18.20 0.83 0.00	18.67 0.82 0.00	21.08 1.02 0.00	21.57 1.03 0.00	21.23 1.03 0.00	20.76 0.99 0.00	19.43 0.86 0.00	19.81 0.87 0.00	20.35 0.93 0.00	21.27 1.03 0.00	22.19 1.26 0.00	22.49 1.31 0.00	25.28 1.50 0.00	30.37 1.88 0.00	30.50 1.75 0.00	28.21 1.65 0.00	25.11 1.40 0.00	22.77 1.35 0.00	21.16 1.05 0.00	20.10 1.03 0.00
NEWKRMKL_115KV_TB1 55635	19.62 0.37 0.00	17.70 0.35 0.00	17.70 0.40 0.00	17.64 0.43 0.00	17.78 0.42 0.00	18.28 0.43 0.00	20.50 0.44 0.00	21.00 0.45 0.00	20.70 0.50 0.00	20.17 0.40 0.00	18.97 0.39 0.00	19.32 0.38 0.00	19.80 0.39 0.00	20.63 0.38 0.00	21.46 0.52 0.00	21.68 0.51 0.00	24.37 0.59 0.00	29.37 0.88 0.00	29.66 0.92 0.00	27.47 0.90 0.00	24.47 0.76 0.00	22.12 0.71 0.00	20.58 0.46 0.00	19.51 0.44 0.00
NEWTON___FALLS_HYD 23847	18.79 -0.46 0.00	16.99 -0.36 0.00	16.92 -0.38 0.00	16.81 -0.40 0.00	17.02 -0.35 0.00	17.54 -0.30 0.00	19.62 -0.44 0.00	20.12 -0.43 0.00	19.69 -0.50 0.00	19.24 -0.53 0.00	18.13 -0.45 0.00	18.46 -0.47 0.00	18.93 -0.49 0.00	19.68 -0.57 0.00	20.31 -0.63 0.00	20.56 -0.61 0.00	23.23 -0.55 0.00	27.89 -0.60 0.00	28.20 -0.55 0.00	25.98 -0.58 0.00	23.12 -0.59 0.00	20.90 -0.51 0.00	19.68 -0.44 0.00	18.77 -0.31 0.00
NGRID_A1_DSASP 323792	18.95 -0.31 0.00	16.94 -0.42 0.00	16.70 -0.61 0.00	16.55 -0.65 0.00	16.72 -0.64 0.00	17.24 -0.61 0.00	19.30 -0.76 0.00	19.87 -0.68 0.00	19.43 -0.77 0.00	19.16 -0.61 0.00	18.13 -0.45 0.00	18.54 -0.40 0.00	19.01 -0.41 0.00	19.92 -0.32 0.00	20.79 -0.15 0.00	20.88 -0.30 0.00	23.18 -0.59 0.00	27.15 -1.34 0.00	27.56 -1.18 0.00	25.37 -1.19 0.00	23.00 -0.71 0.00	20.71 -0.71 0.00	19.47 -0.64 0.00	18.10 -0.97 0.00
NGRID_A2_DSASP 323793	18.95 -0.31 0.00	16.94 -0.42 0.00	16.70 -0.61 0.00	16.55 -0.65 0.00	16.72 -0.64 0.00	17.24 -0.61 0.00	19.30 -0.76 0.00	19.87 -0.68 0.00	19.43 -0.77 0.00	19.16 -0.61 0.00	18.13 -0.45 0.00	18.54 -0.40 0.00	19.01 -0.41 0.00	19.92 -0.32 0.00	20.79 -0.15 0.00	20.88 -0.30 0.00	23.18 -0.59 0.00	27.15 -1.34 0.00	27.56 -1.18 0.00	25.37 -1.19 0.00	23.00 -0.71 0.00	20.71 -0.71 0.00	19.47 -0.64 0.00	18.10 -0.97 0.00
NGRID_A4_DSASP 323807	18.87 -0.39 0.00	16.94 -0.42 0.00	16.51 -0.80 0.00	16.40 -0.81 0.00	16.72 -0.64 0.00	17.12 -0.73 0.00	19.40 -0.66 0.00	19.85 -0.70 0.00	19.43 -0.77 0.00	19.16 -0.61 0.00	18.13 -0.45 0.00	18.54 -0.40 0.00	18.99 -0.43 0.00	19.92 -0.32 0.00	20.73 -0.21 0.00	20.88 -0.30 0.00	23.18 -0.59 0.00	27.15 -1.34 0.00	27.56 -1.18 0.00	25.34 -1.22 0.00	23.02 -0.69 0.00	20.69 -0.73 0.00	19.45 -0.66 0.00	18.10 -0.97 0.00

NIAGARA_115E_LBMP 323715	18.91 -0.35 0.00	17.13 -0.23 0.00	16.89 -0.42 0.00	16.43 -0.77 0.00	16.60 -0.76 0.00	17.15 -0.70 0.00	19.44 -0.62 0.00	19.91 -0.64 0.00	19.47 -0.73 0.00	19.22 -0.55 0.00	18.19 -0.39 0.00	18.60 -0.34 0.00	19.07 -0.35 0.00	19.98 -0.26 0.00	20.85 -0.08 0.00	20.94 -0.23 0.00	23.25 -0.52 0.00	27.26 -1.22 0.00	27.65 -1.09 0.00	25.45 -1.11 0.00	23.09 -0.62 0.00	20.77 -0.64 0.00	19.51 -0.60 0.00	18.14 -0.93 0.00
NIAGARA_115W_LBMP 323714	18.91 -0.35 0.00	16.89 -0.47 0.00	16.65 -0.66 0.00	16.52 -0.69 0.00	16.69 -0.68 0.00	17.21 -0.64 0.00	19.26 -0.80 0.00	19.81 -0.74 0.00	19.37 -0.83 0.00	19.12 -0.65 0.00	18.08 -0.50 0.00	18.48 -0.45 0.00	18.95 -0.47 0.00	19.86 -0.39 0.00	20.73 -0.21 0.00	20.81 -0.36 0.00	23.11 -0.67 0.00	27.06 -1.42 0.00	27.48 -1.26 0.00	25.29 -1.27 0.00	22.95 -0.76 0.00	20.65 -0.77 0.00	19.41 -0.70 0.00	18.04 -1.03 0.00
NIAGARA_230_LBMP 323716	19.06 -0.19 0.00	17.13 -0.23 0.00	16.89 -0.42 0.00	16.61 -0.60 0.00	16.77 -0.59 0.00	17.33 -0.52 0.00	19.54 -0.52 0.00	20.08 -0.47 0.00	19.63 -0.57 0.00	19.38 -0.40 0.00	18.32 -0.26 0.00	18.73 -0.21 0.00	19.20 -0.21 0.00	20.12 -0.12 0.00	21.00 0.06 0.00	21.09 -0.08 0.00	23.42 -0.36 0.00	27.46 -1.02 0.00	27.85 -0.89 0.00	25.64 -0.93 0.00	23.26 -0.45 0.00	20.94 -0.47 0.00	19.68 -0.44 0.00	18.31 -0.76 0.00
NIAGARA__115KV_198_GIBSON 55903	18.81 -0.44 0.00	16.88 -0.47 0.00	16.46 -0.85 0.00	16.36 -0.84 0.00	16.69 -0.68 0.00	17.06 -0.79 0.00	19.36 -0.70 0.00	19.81 -0.74 0.00	19.37 -0.83 0.00	19.10 -0.67 0.00	18.08 -0.50 0.00	18.50 -0.44 0.00	18.93 -0.49 0.00	19.86 -0.38 0.00	20.66 -0.27 0.00	20.81 -0.36 0.00	23.11 -0.67 0.00	27.06 -1.42 0.00	27.48 -1.26 0.00	25.29 -1.28 0.00	22.95 -0.76 0.00	20.64 -0.77 0.00	19.41 -0.70 0.00	18.04 -1.03 0.00
NIAGARA____ 23760	19.06 -0.19 0.00	17.13 -0.23 0.00	16.89 -0.42 0.00	16.61 -0.60 0.00	16.77 -0.59 0.00	17.33 -0.52 0.00	19.54 -0.52 0.00	20.08 -0.47 0.00	19.63 -0.57 0.00	19.38 -0.40 0.00	18.32 -0.26 0.00	18.73 -0.21 0.00	19.20 -0.21 0.00	20.12 -0.12 0.00	21.00 0.06 0.00	21.09 -0.08 0.00	23.42 -0.36 0.00	27.46 -1.02 0.00	27.85 -0.89 0.00	25.64 -0.93 0.00	23.26 -0.45 0.00	20.94 -0.47 0.00	19.68 -0.44 0.00	18.31 -0.76 0.00
NINE_MILE_1 23575	18.87 -0.38 0.00	16.99 -0.37 0.00	16.91 -0.40 0.00	16.79 -0.41 0.00	16.97 -0.40 0.00	17.44 -0.41 0.00	19.62 -0.44 0.00	20.03 -0.51 0.00	19.65 -0.54 0.00	19.26 -0.51 0.00	18.11 -0.46 0.00	18.48 -0.45 0.00	18.95 -0.47 0.00	19.72 -0.53 0.00	20.39 -0.54 0.00	20.60 -0.57 0.00	23.11 -0.67 0.00	27.63 -0.85 0.00	27.94 -0.80 0.00	25.80 -0.77 0.00	23.05 -0.66 0.00	20.82 -0.60 0.00	19.59 -0.52 0.00	18.64 -0.44 0.00
NINE_MILE_2 23744	18.87 -0.38 0.00	16.99 -0.37 0.00	16.91 -0.40 0.00	16.79 -0.41 0.00	16.97 -0.40 0.00	17.44 -0.41 0.00	19.62 -0.44 0.00	20.03 -0.51 0.00	19.65 -0.54 0.00	19.26 -0.51 0.00	18.11 -0.46 0.00	18.48 -0.45 0.00	18.95 -0.47 0.00	19.72 -0.53 0.00	20.39 -0.54 0.00	20.60 -0.57 0.00	23.11 -0.67 0.00	27.66 -0.83 0.00	27.94 -0.80 0.00	25.80 -0.77 0.00	23.05 -0.66 0.00	20.82 -0.60 0.00	19.59 -0.52 0.00	18.64 -0.44 0.00
NM_CAPITAL____DRP 24208	19.68 0.42 0.00	17.77 0.42 0.00	17.77 0.47 0.00	17.69 0.48 0.00	17.83 0.47 0.00	18.33 0.48 0.00	20.56 0.50 0.00	21.06 0.51 0.00	20.74 0.55 0.00	20.21 0.44 0.00	19.01 0.43 0.00	19.35 0.42 0.00	19.84 0.43 0.00	20.67 0.43 0.00	21.50 0.57 0.00	21.75 0.57 0.00	24.42 0.64 0.00	29.46 0.97 0.00	29.72 0.98 0.00	27.55 0.98 0.00	24.54 0.83 0.00	22.16 0.75 0.00	20.64 0.52 0.00	19.57 0.50 0.00
NM_CENTRAL____DRP 24181	19.22 -0.04 0.00	17.28 -0.07 0.00	17.18 -0.12 0.00	17.07 -0.14 0.00	17.24 -0.12 0.00	17.74 -0.11 0.00	20.00 -0.06 0.00	20.42 -0.12 0.00	20.03 -0.16 0.00	19.65 -0.12 0.00	18.48 -0.09 0.00	18.86 -0.08 0.00	19.34 -0.08 0.00	20.14 -0.10 0.00	20.85 -0.08 0.00	21.09 -0.08 0.00	23.66 -0.12 0.00	28.29 -0.20 0.00	28.57 -0.17 0.00	26.35 -0.21 0.00	23.59 -0.12 0.00	21.27 -0.15 0.00	19.98 -0.14 0.00	18.96 -0.11 0.00
NM_FRONTIER____DRP 24179	18.81 -0.44 0.00	16.88 -0.47 0.00	16.46 -0.85 0.00	16.36 -0.84 0.00	16.69 -0.68 0.00	17.06 -0.79 0.00	19.36 -0.70 0.00	19.81 -0.74 0.00	19.37 -0.83 0.00	19.10 -0.67 0.00	18.08 -0.50 0.00	18.50 -0.44 0.00	18.93 -0.49 0.00	19.86 -0.38 0.00	20.66 -0.27 0.00	20.81 -0.36 0.00	23.11 -0.67 0.00	27.06 -1.42 0.00	27.48 -1.26 0.00	25.29 -1.28 0.00	22.95 -0.76 0.00	20.64 -0.77 0.00	19.41 -0.70 0.00	18.04 -1.03 0.00
NM_ST_REGIS____HYD 24053	18.68 -0.58 0.00	16.92 -0.43 0.00	16.87 -0.43 0.00	16.74 -0.46 0.00	16.93 -0.43 0.00	17.46 -0.39 0.00	19.44 -0.62 0.00	19.95 -0.60 0.00	19.55 -0.65 0.00	19.14 -0.63 0.00	18.08 -0.50 0.00	18.39 -0.55 0.00	18.89 -0.52 0.00	19.62 -0.63 0.00	20.16 -0.77 0.00	20.41 -0.76 0.00	23.09 -0.69 0.00	27.60 -0.88 0.00	27.88 -0.86 0.00	25.74 -0.82 0.00	22.90 -0.81 0.00	20.69 -0.73 0.00	19.53 -0.58 0.00	18.71 -0.36 0.00
NORTHPORT____1 23551	20.68 1.42 0.00	18.60 1.25 0.00	18.43 1.12 0.00	18.28 1.07 0.00	18.46 1.09 0.00	19.04 1.20 0.00	21.58 1.52 0.00	22.57 1.85 -0.17	25.40 1.92 -3.28	25.36 1.88 -3.71	26.03 1.58 -5.88	27.90 1.65 -7.31	28.37 1.71 -7.25	39.82 1.84 -17.73	34.59 2.16 -11.50	38.16 2.22 -14.76	43.93 2.45 -17.70	48.24 2.99 -16.77	41.47 2.82 -9.90	38.66 2.66 -9.44	34.90 2.30 -8.89	30.61 2.14 -7.06	25.96 1.85 -4.00	23.44 1.56 -2.80
NORTHPORT____2 23552	20.68 1.42 0.00	18.60 1.25 0.00	18.43 1.12 0.00	18.28 1.07 0.00	18.46 1.09 0.00	19.04 1.20 0.00	21.58 1.52 0.00	22.57 1.85 -0.17	25.40 1.92 -3.28	25.36 1.88 -3.71	26.03 1.58 -5.88	27.90 1.65 -7.31	28.37 1.71 -7.25	39.82 1.84 -17.73	34.59 2.16 -11.50	38.16 2.22 -14.76	43.93 2.45 -17.70	48.24 2.99 -16.77	41.47 2.82 -9.90	38.66 2.66 -9.44	34.90 2.30 -8.89	30.61 2.14 -7.06	25.96 1.85 -4.00	23.44 1.56 -2.80
NORTHPORT____3 23553	20.70 1.44 0.00	18.62 1.27 0.00	18.45 1.14 0.00	18.31 1.10 0.00	18.48 1.11 0.00	19.06 1.21 0.00	21.58 1.52 0.00	22.57 1.85 -0.17	25.42 1.94 -3.28	25.42 1.94 -3.71	26.13 1.67 -5.88	27.98 1.72 -7.32	28.46 1.79 -7.26	39.87 1.88 -17.74	34.62 2.18 -11.51	38.17 2.22 -14.77	43.96 2.47 -17.71	48.23 2.96 -16.78	41.50 2.85 -9.91	38.67 2.66 -9.45	34.90 2.30 -8.90	30.62 2.14 -7.07	25.97 1.85 -4.00	23.46 1.58 -2.80
NORTHPORT____4 23650	20.70 1.44 0.00	18.62 1.27 0.00	18.45 1.14 0.00	18.31 1.10 0.00	18.48 1.11 0.00	19.06 1.21 0.00	21.58 1.52 0.00	22.57 1.85 -0.17	25.42 1.94 -3.28	25.42 1.94 -3.71	26.13 1.67 -5.88	27.98 1.72 -7.32	28.46 1.79 -7.26	39.87 1.88 -17.74	34.62 2.18 -11.51	38.17 2.22 -14.77	43.96 2.47 -17.71	48.23 2.96 -16.78	41.50 2.85 -9.91	38.67 2.66 -9.45	34.90 2.30 -8.90	30.62 2.14 -7.07	25.97 1.85 -4.00	23.46 1.58 -2.80

NORTHPORT___IC 23718	20.68 1.42 0.00	18.60 1.25 0.00	18.43 1.12 0.00	18.28 1.07 0.00	18.46 1.09 0.00	19.04 1.20 0.00	21.58 1.52 0.00	22.57 1.85 -0.17	25.40 1.92 -3.28	25.36 1.88 -3.71	26.03 1.58 -5.88	27.90 1.65 -7.31	28.37 1.71 -7.25	39.82 1.84 -17.73	34.59 2.16 -11.50	38.16 2.22 -14.76	43.93 2.45 -17.70	48.24 2.99 -16.77	41.47 2.82 -9.90	38.66 2.66 -9.44	34.90 2.30 -8.89	30.61 2.14 -7.06	25.96 1.85 -4.00	23.44 1.56 -2.80
NORTH___COUNTRY_ESR 323785	19.18 -0.08 0.00	17.27 -0.09 0.00	17.22 -0.09 0.00	17.09 -0.12 0.00	17.24 -0.12 0.00	17.76 -0.09 0.00	19.88 -0.18 0.00	20.49 -0.06 0.00	20.14 -0.06 0.00	19.73 -0.04 0.00	18.58 0.00 0.00	18.92 -0.02 0.00	19.36 -0.06 0.00	20.24 0.00 0.00	20.81 -0.12 0.00	21.05 -0.13 0.00	23.75 -0.02 0.00	28.37 -0.11 0.00	28.66 -0.09 0.00	26.46 -0.11 0.00	23.57 -0.14 0.00	21.24 -0.17 0.00	20.08 -0.04 0.00	19.00 -0.08 0.00
NPX_GEN_1385_PROXY 323591	20.49 1.23 0.00	18.43 1.08 0.00	18.26 0.95 0.00	18.07 0.86 0.00	18.28 0.92 0.00	18.87 1.02 0.00	21.46 1.40 0.00	22.05 1.33 -0.17	24.81 1.33 -3.28	24.69 1.21 -3.71	23.69 0.82 -4.30	24.31 0.87 -4.50	24.89 0.91 -4.56	26.10 1.03 -4.83	27.32 1.34 -5.04	25.66 1.40 -3.09	29.06 1.50 -3.78	34.70 1.91 -4.30	36.98 1.72 -6.51	37.71 1.70 -9.44	34.02 1.42 -8.89	29.80 1.33 -7.06	25.40 1.29 -4.00	23.11 1.24 -2.80
NPX_GEN_CSC 323557	21.09 1.83 0.00	18.97 1.61 0.00	18.78 1.47 0.00	18.60 1.39 0.00	18.79 1.42 0.00	19.40 1.55 0.00	21.98 1.93 0.00	23.06 2.34 -0.17	25.94 2.46 -3.28	25.92 2.43 -3.71	26.52 2.06 -5.88	28.41 2.16 -7.31	28.88 2.21 -7.25	40.36 2.39 -17.73	35.20 2.76 -11.50	38.82 2.88 -14.76	44.66 3.19 -17.70	49.16 3.90 -16.77	42.38 3.73 -9.91	39.49 3.48 -9.44	35.66 3.06 -8.89	31.28 2.80 -7.06	26.55 2.43 -4.00	23.88 2.00 -2.80
NSINS_S_GLNS_FALLS 23858	19.83 0.58 0.00	17.87 0.52 0.00	17.84 0.54 0.00	17.74 0.53 0.00	17.92 0.56 0.00	18.42 0.57 0.00	20.78 0.72 0.00	21.33 0.78 0.00	21.49 1.29 0.00	20.78 1.01 0.00	19.47 0.89 0.00	19.83 0.89 0.00	20.33 0.91 0.00	21.23 0.99 0.00	22.13 1.19 0.00	22.36 1.19 0.00	25.18 1.40 0.00	30.45 1.97 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.49 1.78 0.00	23.02 1.61 0.00	21.37 1.25 0.00	20.16 1.09 0.00
NUCOR_STEEL___DRP 24197	19.53 0.27 0.00	17.54 0.19 0.00	17.43 0.12 0.00	17.31 0.10 0.00	17.50 0.14 0.00	18.01 0.16 0.00	20.32 0.26 0.00	20.79 0.25 0.00	20.40 0.20 0.00	19.99 0.22 0.00	18.80 0.22 0.00	19.20 0.27 0.00	19.69 0.27 0.00	20.53 0.28 0.00	21.29 0.36 0.00	21.55 0.38 0.00	24.06 0.29 0.00	28.77 0.28 0.00	29.09 0.34 0.00	26.78 0.21 0.00	23.99 0.28 0.00	21.63 0.21 0.00	20.28 0.16 0.00	19.19 0.11 0.00
NUMBER_THREE_WT_PWR 323818	19.26 0.00 0.00	17.32 -0.03 0.00	17.27 -0.03 0.00	17.16 -0.05 0.00	17.36 0.00 0.00	17.90 0.05 0.00	20.12 0.06 0.00	20.61 0.06 0.00	20.16 -0.04 0.00	19.68 -0.10 0.00	18.49 -0.09 0.00	18.83 -0.11 0.00	19.28 -0.13 0.00	20.14 -0.10 0.00	20.90 -0.04 0.00	21.13 -0.04 0.00	23.85 0.07 0.00	28.69 0.20 0.00	29.00 0.26 0.00	26.73 0.16 0.00	23.78 0.07 0.00	21.44 0.02 0.00	20.12 0.00 0.00	19.09 0.02 0.00
NYISO_LBMP_REFERENCE 24008	19.26 0.00 0.00	17.35 0.00 0.00	17.31 0.00 0.00	17.21 0.00 0.00	17.36 0.00 0.00	17.85 0.00 0.00	20.06 0.00 0.00	20.55 0.00 0.00	20.20 0.00 0.00	19.77 0.00 0.00	18.58 0.00 0.00	18.94 0.00 0.00	19.42 0.00 0.00	20.24 0.00 0.00	20.94 0.00 0.00	21.17 0.00 0.00	23.78 0.00 0.00	28.49 0.00 0.00	28.74 0.00 0.00	26.57 0.00 0.00	23.71 0.00 0.00	21.42 0.00 0.00	20.12 0.00 0.00	19.07 0.00 0.00
NYPA_BRENTWD___GT 24164	20.93 1.67 0.00	18.81 1.46 0.00	18.64 1.33 0.00	18.46 1.26 0.00	18.67 1.30 0.00	19.26 1.41 0.00	21.84 1.78 0.00	22.87 2.16 -0.17	25.70 2.22 -3.28	25.68 2.19 -3.71	26.35 1.90 -5.88	28.20 1.95 -7.32	28.68 2.02 -7.25	40.16 2.19 -17.73	34.99 2.55 -11.50	38.56 2.62 -14.76	44.38 2.90 -17.70	48.79 3.53 -16.77	42.01 3.36 -9.91	39.14 3.13 -9.44	35.32 2.73 -8.89	31.00 2.53 -7.06	26.31 2.19 -4.00	23.71 1.83 -2.80
NYPA_GOWANUS___GT5 24156	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
NYPA_GOWANUS___GT6 24157	20.22 0.96 0.00	18.22 0.87 0.00	18.10 0.80 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.59 1.05 0.00	21.43 1.23 0.00	21.08 1.30 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.60 1.36 0.00	22.61 1.68 0.00	22.89 1.71 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.12 1.05 0.00
NYPA_HARLEM__RVR_GT1 24160	20.03 0.77 0.00	18.13 0.78 0.00	18.03 0.73 0.00	17.98 0.78 0.00	18.08 0.71 0.00	18.45 0.61 0.01	20.81 0.76 0.01	21.61 1.07 0.01	21.40 1.21 0.01	21.01 1.25 0.01	19.65 1.08 0.01	20.05 1.12 0.01	20.63 1.22 0.01	21.51 1.28 0.01	22.48 1.55 0.01	22.77 1.61 0.01	25.53 1.76 0.01	30.62 2.14 0.01	30.63 1.90 0.01	28.34 1.78 0.01	25.08 1.37 0.01	22.76 1.35 0.01	21.16 1.05 0.01	20.05 0.97 0.00
NYPA_HARLEM__RVR_GT2 24161	20.03 0.77 0.00	18.13 0.78 0.00	18.03 0.73 0.00	17.98 0.78 0.00	18.08 0.71 0.00	18.45 0.61 0.01	20.81 0.76 0.01	21.61 1.07 0.01	21.40 1.21 0.01	21.01 1.25 0.01	19.65 1.08 0.01	20.05 1.12 0.01	20.63 1.22 0.01	21.51 1.28 0.01	22.48 1.55 0.01	22.77 1.61 0.01	25.53 1.76 0.01	30.62 2.14 0.01	30.63 1.90 0.01	28.34 1.78 0.01	25.08 1.37 0.01	22.76 1.35 0.01	21.16 1.05 0.01	20.05 0.97 0.00
NYPA_KENT___GT 24152	20.10 0.85 0.00	18.17 0.82 0.00	18.07 0.76 0.00	18.02 0.81 0.00	18.11 0.75 0.00	18.54 0.70 0.00	20.92 0.86 0.00	21.72 1.17 0.00	21.51 1.31 0.00	21.12 1.35 0.00	19.73 1.15 0.00	20.13 1.19 0.00	20.72 1.30 0.00	21.62 1.38 0.00	22.59 1.65 0.00	22.87 1.69 0.00	25.66 1.88 0.00	30.74 2.25 0.00	30.78 2.04 0.00	28.48 1.91 0.00	25.20 1.49 0.00	22.85 1.43 0.00	21.26 1.15 0.00	20.10 1.03 0.00
NYPA_POUCH1___GT 24155	20.20 0.94 0.00	18.20 0.85 0.00	18.08 0.78 0.00	18.05 0.84 0.00	18.13 0.76 0.00	18.44 0.59 0.00	20.72 0.66 0.00	21.54 0.99 0.00	21.35 1.15 0.00	21.00 1.23 0.00	19.60 1.02 0.00	20.02 1.08 0.00	20.62 1.20 0.00	21.52 1.28 0.00	22.55 1.61 0.00	22.83 1.65 0.00	25.64 1.86 0.00	30.77 2.28 0.00	30.82 2.07 0.00	28.48 1.91 0.00	25.04 1.33 0.00	22.75 1.33 0.00	21.20 1.09 0.00	20.08 1.01 0.00

NYPA_VERNON____GT2 24162	20.10 0.85 0.00	18.17 0.82 0.00	18.07 0.76 0.00	18.02 0.81 0.00	18.11 0.75 0.00	18.54 0.70 0.00	20.92 0.86 0.00	21.72 1.17 0.00	21.51 1.31 0.00	21.12 1.35 0.00	19.73 1.15 0.00	20.13 1.19 0.00	20.72 1.30 0.00	21.62 1.38 0.00	22.59 1.65 0.00	22.87 1.69 0.00	25.66 1.88 0.00	30.74 2.25 0.00	30.78 2.04 0.00	28.48 1.91 0.00	25.20 1.49 0.00	22.87 1.46 0.00	21.26 1.15 0.00	20.10 1.03 0.00
NYPA_VERNON____GT3 24163	20.10 0.85 0.00	18.17 0.82 0.00	18.07 0.76 0.00	18.02 0.81 0.00	18.11 0.75 0.00	18.54 0.70 0.00	20.92 0.86 0.00	21.72 1.17 0.00	21.51 1.31 0.00	21.12 1.35 0.00	19.73 1.15 0.00	20.13 1.19 0.00	20.72 1.30 0.00	21.62 1.38 0.00	22.59 1.65 0.00	22.87 1.69 0.00	25.66 1.88 0.00	30.74 2.25 0.00	30.78 2.04 0.00	28.48 1.91 0.00	25.20 1.49 0.00	22.87 1.46 0.00	21.26 1.15 0.00	20.10 1.03 0.00
NYPA____ASTORIA_CC1 323568	20.06 0.81 0.00	18.13 0.78 0.00	18.03 0.73 0.00	18.00 0.79 0.00	18.09 0.73 0.00	18.51 0.66 0.00	20.88 0.82 0.00	21.68 1.13 0.00	21.47 1.27 0.00	21.08 1.30 0.00	19.69 1.11 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.58 1.34 0.00	22.55 1.61 0.00	22.83 1.65 0.00	25.61 1.83 0.00	30.68 2.19 0.00	30.72 1.98 0.00	28.43 1.86 0.00	25.16 1.45 0.00	22.81 1.39 0.00	21.22 1.11 0.00	20.07 0.99 0.00
NYPA____ASTORIA_CC2 323569	20.06 0.81 0.00	18.13 0.78 0.00	18.03 0.73 0.00	18.00 0.79 0.00	18.09 0.73 0.00	18.51 0.66 0.00	20.88 0.82 0.00	21.68 1.13 0.00	21.47 1.27 0.00	21.08 1.30 0.00	19.69 1.11 0.00	20.09 1.16 0.00	20.68 1.26 0.00	21.58 1.34 0.00	22.55 1.61 0.00	22.83 1.65 0.00	25.61 1.83 0.00	30.68 2.19 0.00	30.72 1.98 0.00	28.43 1.86 0.00	25.16 1.45 0.00	22.81 1.39 0.00	21.22 1.11 0.00	20.07 0.99 0.00
NYPA____HOLTSVILL 23794	20.89 1.64 0.00	18.79 1.44 0.00	18.60 1.30 0.00	18.45 1.24 0.00	18.63 1.27 0.00	19.22 1.37 0.00	21.78 1.73 0.00	22.83 2.12 -0.17	25.68 2.20 -3.28	25.64 2.16 -3.71	26.29 1.84 -5.88	28.19 1.93 -7.31	28.65 1.98 -7.25	40.12 2.14 -17.73	34.93 2.49 -11.50	38.52 2.58 -14.76	44.31 2.83 -17.70	48.73 3.47 -16.77	41.95 3.30 -9.91	39.09 3.08 -9.44	35.30 2.70 -8.89	30.98 2.50 -7.06	26.27 2.15 -4.00	23.67 1.79 -2.80
NYPA____HELLGATE_GT1 24158	20.03 0.77 0.00	18.13 0.78 0.00	18.03 0.73 0.00	17.98 0.78 0.00	18.08 0.71 0.00	18.45 0.61 0.01	20.81 0.76 0.01	21.61 1.07 0.01	21.40 1.21 0.01	21.01 1.25 0.01	19.65 1.08 0.01	20.05 1.12 0.01	20.63 1.22 0.01	21.51 1.28 0.01	22.48 1.55 0.01	22.77 1.61 0.01	25.53 1.76 0.01	30.62 2.14 0.01	30.63 1.90 0.01	28.34 1.78 0.01	25.08 1.37 0.01	22.76 1.35 0.01	21.16 1.05 0.01	20.05 0.97 0.00
NYPA____HELLGATE_GT2 24159	20.03 0.77 0.00	18.13 0.78 0.00	18.03 0.73 0.00	17.98 0.78 0.00	18.08 0.71 0.00	18.45 0.61 0.01	20.81 0.76 0.01	21.61 1.07 0.01	21.40 1.21 0.01	21.01 1.25 0.01	19.65 1.08 0.01	20.05 1.12 0.01	20.63 1.22 0.01	21.51 1.28 0.01	22.48 1.55 0.01	22.77 1.61 0.01	25.53 1.76 0.01	30.62 2.14 0.01	30.63 1.90 0.01	28.34 1.78 0.01	25.08 1.37 0.01	22.76 1.35 0.01	21.16 1.05 0.01	20.05 0.97 0.00
NYS_BARGE____HYD 23848	19.24 -0.02 0.00	17.34 -0.02 0.00	17.10 -0.21 0.00	16.69 -0.52 0.00	16.88 -0.49 0.00	17.44 -0.41 0.00	19.74 -0.32 0.00	20.26 -0.29 0.00	19.83 -0.36 0.00	19.56 -0.22 0.00	18.52 -0.06 0.00	18.94 0.00 0.00	19.42 0.00 0.00	20.34 0.10 0.00	21.25 0.31 0.00	21.34 0.17 0.00	23.71 -0.07 0.00	27.83 -0.65 0.00	28.23 -0.52 0.00	25.98 -0.58 0.00	23.54 -0.16 0.00	21.14 -0.28 0.00	19.86 -0.26 0.00	18.45 -0.63 0.00
OAK ORCHARD____HYD 24046	19.35 0.10 0.00	17.39 0.03 0.00	17.19 -0.12 0.00	16.97 -0.24 0.00	17.16 -0.21 0.00	17.69 -0.16 0.00	19.98 -0.08 0.00	20.55 0.00 0.00	20.16 -0.04 0.00	19.83 0.06 0.00	18.73 0.15 0.00	19.13 0.19 0.00	19.61 0.19 0.00	20.51 0.26 0.00	21.31 0.38 0.00	21.47 0.30 0.00	23.97 0.19 0.00	28.37 -0.11 0.00	28.77 0.03 0.00	26.51 -0.05 0.00	23.88 0.17 0.00	21.48 0.06 0.00	20.16 0.04 0.00	18.86 -0.21 0.00
OAKDALE__35_KV_LOAD 356122	19.53 0.27 0.00	17.56 0.21 0.00	17.43 0.12 0.00	17.33 0.12 0.00	17.49 0.12 0.00	18.01 0.16 0.00	20.28 0.22 0.00	20.79 0.25 0.00	20.40 0.20 0.00	20.03 0.26 0.00	18.84 0.26 0.00	19.22 0.28 0.00	19.71 0.29 0.00	20.59 0.34 0.00	21.42 0.48 0.00	21.66 0.49 0.00	24.28 0.50 0.00	28.89 0.40 0.00	29.17 0.43 0.00	26.91 0.35 0.00	24.16 0.45 0.00	21.78 0.36 0.00	20.38 0.26 0.00	19.19 0.11 0.00
OCC_CHEM____DRP 24175	18.87 -0.39 0.00	16.94 -0.42 0.00	16.51 -0.80 0.00	16.40 -0.81 0.00	16.72 -0.64 0.00	17.12 -0.73 0.00	19.40 -0.66 0.00	19.85 -0.70 0.00	19.43 -0.77 0.00	19.16 -0.61 0.00	18.13 -0.45 0.00	18.54 -0.40 0.00	18.99 -0.43 0.00	19.92 -0.32 0.00	20.73 -0.21 0.00	20.88 -0.30 0.00	23.18 -0.59 0.00	27.15 -1.34 0.00	27.56 -1.18 0.00	25.34 -1.22 0.00	23.02 -0.69 0.00	20.69 -0.73 0.00	19.45 -0.66 0.00	18.10 -0.97 0.00
OH_GEN_PROXY 24063	19.06 -0.19 0.00	17.13 -0.23 0.00	16.89 -0.42 0.00	16.61 -0.60 0.00	16.77 -0.59 0.00	17.33 -0.52 0.00	19.54 -0.52 0.00	20.10 -0.45 0.00	19.67 -0.53 0.00	19.40 -0.38 0.00	18.36 -0.22 0.00	18.77 -0.17 0.00	19.22 -0.19 0.00	20.14 -0.10 0.00	21.02 0.08 0.00	21.11 -0.06 0.00	23.47 -0.31 0.00	27.52 -0.97 0.00	27.91 -0.83 0.00	25.69 -0.88 0.00	23.31 -0.40 0.00	20.96 -0.45 0.00	19.72 -0.40 0.00	18.33 -0.74 0.00
OLIN_CORP_DRP 24177	19.02 -0.23 0.00	17.14 -0.21 0.00	16.70 -0.61 0.00	16.61 -0.60 0.00	16.63 -0.73 0.00	17.31 -0.54 0.00	19.40 -0.66 0.00	19.95 -0.60 0.00	19.53 -0.67 0.00	19.26 -0.51 0.00	18.22 -0.35 0.00	18.64 -0.30 0.00	19.09 -0.33 0.00	20.02 -0.22 0.00	20.85 -0.08 0.00	20.98 -0.19 0.00	23.30 -0.48 0.00	27.32 -1.17 0.00	27.71 -1.03 0.00	25.50 -1.06 0.00	23.14 -0.57 0.00	20.79 -0.62 0.00	19.55 -0.56 0.00	18.18 -0.90 0.00
OLIN_CORP_DSASP 323712	18.95 -0.31 0.00	16.94 -0.42 0.00	16.70 -0.61 0.00	16.55 -0.65 0.00	16.72 -0.64 0.00	17.24 -0.61 0.00	19.30 -0.76 0.00	19.87 -0.68 0.00	19.43 -0.77 0.00	19.16 -0.61 0.00	18.13 -0.45 0.00	18.54 -0.40 0.00	19.01 -0.41 0.00	19.92 -0.32 0.00	20.79 -0.15 0.00	20.88 -0.30 0.00	23.18 -0.59 0.00	27.15 -1.34 0.00	27.56 -1.18 0.00	25.37 -1.19 0.00	23.00 -0.71 0.00	20.71 -0.71 0.00	19.47 -0.64 0.00	18.10 -0.97 0.00
ONEIDA_HERK_LFGE 323681	19.49 0.23 0.00	17.56 0.21 0.00	17.50 0.19 0.00	17.40 0.19 0.00	17.59 0.23 0.00	18.12 0.27 0.00	20.38 0.32 0.00	20.83 0.29 0.00	20.42 0.22 0.00	19.95 0.18 0.00	18.73 0.15 0.00	19.09 0.15 0.00	19.57 0.15 0.00	20.45 0.20 0.00	21.21 0.27 0.00	21.45 0.27 0.00	24.16 0.38 0.00	29.00 0.51 0.00	29.29 0.54 0.00	27.02 0.45 0.00	24.07 0.36 0.00	21.71 0.30 0.00	20.34 0.22 0.00	19.32 0.25 0.00

ONEIDA___115KV_TB4 55905	19.72 0.46 0.00	17.75 0.40 0.00	17.67 0.36 0.00	17.57 0.36 0.00	17.76 0.40 0.00	18.29 0.45 0.00	20.60 0.54 0.00	21.04 0.49 0.00	20.62 0.42 0.00	20.17 0.40 0.00	18.93 0.35 0.00	19.30 0.36 0.00	19.80 0.39 0.00	20.69 0.45 0.00	21.48 0.54 0.00	21.70 0.53 0.00	24.40 0.62 0.00	29.23 0.74 0.00	29.52 0.78 0.00	27.23 0.66 0.00	24.30 0.59 0.00	21.89 0.47 0.00	20.52 0.40 0.00	19.49 0.42 0.00
ONONDAGA_REF_OCCRA 23987	19.28 0.02 0.00	17.34 -0.02 0.00	17.24 -0.07 0.00	17.12 -0.09 0.00	17.31 -0.05 0.00	17.79 -0.05 0.00	20.06 0.00 0.00	20.51 -0.04 0.00	20.12 -0.08 0.00	19.73 -0.04 0.00	18.56 -0.02 0.00	18.94 0.00 0.00	19.42 0.00 0.00	20.22 -0.02 0.00	20.96 0.02 0.00	21.19 0.02 0.00	23.78 0.00 0.00	28.43 -0.06 0.00	28.71 -0.03 0.00	26.51 -0.05 0.00	23.71 0.00 0.00	21.37 -0.04 0.00	20.08 -0.04 0.00	19.04 -0.04 0.00
ONONDAGA___COGEN 23986	19.31 0.06 0.00	17.37 0.02 0.00	17.27 -0.03 0.00	17.17 -0.03 0.00	17.35 -0.02 0.00	17.83 -0.02 0.00	20.10 0.04 0.00	20.53 -0.02 0.00	20.14 -0.06 0.00	19.73 -0.04 0.00	18.56 -0.02 0.00	18.96 0.02 0.00	19.42 0.00 0.00	20.24 0.00 0.00	20.96 0.02 0.00	21.22 0.04 0.00	23.78 0.00 0.00	28.43 -0.06 0.00	28.74 0.00 0.00	26.51 -0.05 0.00	23.71 0.00 0.00	21.37 -0.04 0.00	20.08 -0.04 0.00	19.06 -0.02 0.00
ONTARIO___LFGE 23819	19.58 0.33 0.00	17.58 0.23 0.00	17.43 0.12 0.00	17.24 0.03 0.00	17.45 0.09 0.00	17.99 0.14 0.00	20.34 0.28 0.00	20.83 0.29 0.00	20.42 0.22 0.00	20.07 0.30 0.00	18.89 0.32 0.00	19.28 0.34 0.00	19.78 0.37 0.00	20.67 0.43 0.00	21.52 0.59 0.00	21.75 0.57 0.00	24.35 0.57 0.00	28.97 0.48 0.00	29.32 0.57 0.00	26.99 0.42 0.00	24.26 0.55 0.00	21.80 0.39 0.00	20.38 0.26 0.00	19.17 0.10 0.00
ORANGEVILLE_WT_PWR 323706	19.53 0.27 0.00	17.51 0.16 0.00	17.27 -0.03 0.00	17.00 -0.21 0.00	17.17 -0.19 0.00	17.76 -0.09 0.00	20.06 0.00 0.00	20.63 0.08 0.00	20.20 0.00 0.00	19.93 0.16 0.00	18.84 0.26 0.00	19.26 0.32 0.00	19.75 0.33 0.00	20.69 0.44 0.00	21.61 0.67 0.00	21.75 0.57 0.00	24.23 0.45 0.00	28.52 0.03 0.00	28.83 0.09 0.00	26.54 -0.03 0.00	24.02 0.31 0.00	21.59 0.17 0.00	20.18 0.06 0.00	18.73 -0.34 0.00
ORANGEVILLE___ESR 323794	19.53 0.27 0.00	17.51 0.16 0.00	17.27 -0.03 0.00	17.00 -0.21 0.00	17.17 -0.19 0.00	17.76 -0.09 0.00	20.06 0.00 0.00	20.63 0.08 0.00	20.20 0.00 0.00	19.93 0.16 0.00	18.84 0.26 0.00	19.26 0.32 0.00	19.75 0.33 0.00	20.69 0.44 0.00	21.61 0.67 0.00	21.75 0.57 0.00	24.23 0.45 0.00	28.52 0.03 0.00	28.83 0.09 0.00	26.54 -0.03 0.00	24.02 0.31 0.00	21.59 0.17 0.00	20.18 0.06 0.00	18.73 -0.34 0.00
OSWEGATCHIE___HYD 24044	18.89 -0.37 0.00	16.99 -0.37 0.00	16.92 -0.38 0.00	16.81 -0.40 0.00	17.02 -0.35 0.00	17.54 -0.30 0.00	19.62 -0.44 0.00	20.11 -0.43 0.00	19.69 -0.50 0.00	19.22 -0.55 0.00	18.13 -0.45 0.00	18.47 -0.47 0.00	18.81 -0.60 0.00	19.68 -0.57 0.00	20.31 -0.63 0.00	20.56 -0.61 0.00	23.23 -0.55 0.00	27.89 -0.60 0.00	28.19 -0.55 0.00	25.98 -0.58 0.00	23.12 -0.59 0.00	20.90 -0.51 0.00	19.68 -0.44 0.00	18.77 -0.31 0.00
OSWEGO___5 23606	18.99 -0.27 0.00	17.09 -0.26 0.00	17.03 -0.28 0.00	16.90 -0.31 0.00	17.07 -0.30 0.00	17.54 -0.30 0.00	19.76 -0.30 0.00	20.18 -0.37 0.00	19.79 -0.40 0.00	19.42 -0.36 0.00	18.26 -0.32 0.00	18.62 -0.32 0.00	19.09 -0.33 0.00	19.88 -0.36 0.00	20.58 -0.36 0.00	20.79 -0.38 0.00	23.33 -0.45 0.00	27.89 -0.60 0.00	28.17 -0.57 0.00	26.01 -0.56 0.00	23.26 -0.45 0.00	20.99 -0.43 0.00	19.73 -0.38 0.00	18.75 -0.32 0.00
OSWEGO___6 23613	18.99 -0.27 0.00	17.09 -0.26 0.00	17.03 -0.28 0.00	16.90 -0.31 0.00	17.07 -0.30 0.00	17.54 -0.30 0.00	19.76 -0.30 0.00	20.18 -0.37 0.00	19.79 -0.40 0.00	19.42 -0.36 0.00	18.26 -0.32 0.00	18.62 -0.32 0.00	19.09 -0.33 0.00	19.88 -0.36 0.00	20.58 -0.36 0.00	20.79 -0.38 0.00	23.33 -0.45 0.00	27.89 -0.60 0.00	28.17 -0.57 0.00	26.01 -0.56 0.00	23.26 -0.45 0.00	20.99 -0.43 0.00	19.73 -0.38 0.00	18.75 -0.32 0.00
OUTOKUMPU-AB___DRP 24206	19.39 0.13 0.00	17.39 0.03 0.00	16.94 -0.36 0.00	16.83 -0.38 0.00	17.03 -0.33 0.00	17.56 -0.29 0.00	19.86 -0.20 0.00	20.38 -0.16 0.00	19.95 -0.24 0.00	19.69 -0.08 0.00	18.65 0.07 0.00	19.09 0.15 0.00	19.53 0.12 0.00	20.51 0.26 0.00	21.36 0.42 0.00	21.49 0.32 0.00	23.90 0.12 0.00	28.03 -0.46 0.00	28.43 -0.32 0.00	26.14 -0.43 0.00	23.69 -0.02 0.00	21.27 -0.15 0.00	19.98 -0.14 0.00	18.56 -0.51 0.00
OXBOW___ 24026	19.24 -0.02 0.00	17.20 -0.16 0.00	16.94 -0.36 0.00	16.74 -0.46 0.00	16.91 -0.45 0.00	17.46 -0.39 0.00	19.62 -0.44 0.00	20.18 -0.37 0.00	19.73 -0.46 0.00	19.48 -0.30 0.00	18.43 -0.15 0.00	18.86 -0.08 0.00	19.32 -0.10 0.00	20.26 0.02 0.00	21.17 0.23 0.00	21.24 0.06 0.00	23.59 -0.19 0.00	27.69 -0.80 0.00	28.05 -0.69 0.00	25.82 -0.74 0.00	23.40 -0.31 0.00	21.05 -0.36 0.00	19.76 -0.36 0.00	18.37 -0.71 0.00
OXY_CHEM_DSASP 323612	18.87 -0.39 0.00	16.94 -0.42 0.00	16.51 -0.80 0.00	16.40 -0.81 0.00	16.72 -0.64 0.00	17.12 -0.73 0.00	19.40 -0.66 0.00	19.85 -0.70 0.00	19.43 -0.77 0.00	19.16 -0.61 0.00	18.13 -0.45 0.00	18.54 -0.40 0.00	18.99 -0.43 0.00	19.92 -0.32 0.00	20.73 -0.21 0.00	20.88 -0.30 0.00	23.18 -0.59 0.00	27.15 -1.34 0.00	27.56 -1.18 0.00	25.34 -1.22 0.00	23.02 -0.69 0.00	20.69 -0.73 0.00	19.45 -0.66 0.00	18.10 -0.97 0.00
OZONE_PARK_ESR 323760	20.31 1.06 0.00	18.27 0.92 0.00	18.27 0.97 0.00	18.12 0.91 0.00	18.23 0.87 0.00	18.71 0.86 0.00	21.12 1.06 0.00	21.94 1.40 0.00	21.69 1.49 0.00	21.28 1.50 0.00	19.90 1.32 0.00	20.32 1.38 0.00	20.85 1.44 0.00	21.80 1.56 0.00	22.80 1.86 0.00	23.06 1.88 0.00	25.87 2.09 0.00	30.99 2.51 0.00	31.07 2.33 0.00	28.74 2.18 0.00	25.46 1.75 0.00	23.11 1.69 0.00	21.49 1.37 0.00	20.24 1.16 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.87 -0.39 0.00	16.94 -0.42 0.00	16.51 -0.80 0.00	16.40 -0.81 0.00	16.72 -0.64 0.00	17.12 -0.73 0.00	19.40 -0.66 0.00	19.85 -0.70 0.00	19.43 -0.77 0.00	19.16 -0.61 0.00	18.13 -0.45 0.00	18.54 -0.40 0.00	18.99 -0.43 0.00	19.92 -0.32 0.00	20.73 -0.21 0.00	20.88 -0.30 0.00	23.18 -0.59 0.00	27.15 -1.34 0.00	27.56 -1.18 0.00	25.34 -1.22 0.00	23.02 -0.69 0.00	20.69 -0.73 0.00	19.45 -0.66 0.00	18.10 -0.97 0.00
PACKARD___115KV_DUPONT_184 80571	18.87 -0.39 0.00	16.94 -0.42 0.00	16.51 -0.80 0.00	16.40 -0.81 0.00	16.72 -0.64 0.00	17.12 -0.73 0.00	19.40 -0.66 0.00	19.85 -0.70 0.00	19.43 -0.77 0.00	19.16 -0.61 0.00	18.13 -0.45 0.00	18.54 -0.40 0.00	18.99 -0.43 0.00	19.92 -0.32 0.00	20.73 -0.21 0.00	20.88 -0.30 0.00	23.18 -0.59 0.00	27.15 -1.34 0.00	27.56 -1.18 0.00	25.34 -1.22 0.00	23.02 -0.69 0.00	20.69 -0.73 0.00	19.45 -0.66 0.00	18.10 -0.97 0.00

PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.08 0.83 0.00	18.12 0.76 0.00	18.14 0.83 0.00	17.97 0.76 0.00	18.06 0.69 0.00	18.42 0.57 0.00	20.78 0.72 0.00	21.60 1.05 0.00	21.39 1.19 0.00	20.98 1.21 0.00	19.62 1.04 0.00	20.02 1.08 0.00	20.54 1.13 0.00	21.50 1.26 0.00	22.47 1.53 0.00	22.74 1.57 0.00	25.51 1.74 0.00	30.57 2.08 0.00	30.61 1.87 0.00	28.35 1.78 0.00	25.04 1.33 0.00	22.72 1.31 0.00	21.14 1.03 0.00	20.01 0.93 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.33 1.08 0.00	18.32 0.97 0.00	18.41 1.11 0.00	18.19 0.98 0.00	18.27 0.90 0.00	18.63 0.79 0.00	21.02 0.96 0.00	21.76 1.21 0.00	21.53 1.33 0.00	21.12 1.34 0.00	19.75 1.17 0.00	20.13 1.19 0.00	20.66 1.24 0.00	21.62 1.38 0.00	22.61 1.67 0.00	22.87 1.69 0.00	25.66 1.88 0.00	30.74 2.25 0.00	30.78 2.04 0.00	28.51 1.94 0.00	25.18 1.47 0.00	22.85 1.43 0.00	21.26 1.15 0.00	20.24 1.16 0.00
PATROON__115KV_TB1 80586	19.66 0.40 0.00	17.75 0.40 0.00	17.76 0.45 0.00	17.67 0.46 0.00	17.82 0.45 0.00	18.33 0.48 0.00	20.56 0.50 0.00	21.06 0.51 0.00	20.76 0.57 0.00	20.23 0.45 0.00	19.02 0.45 0.00	19.35 0.42 0.00	19.86 0.45 0.00	20.69 0.45 0.00	21.52 0.59 0.00	21.75 0.57 0.00	24.44 0.67 0.00	29.46 0.97 0.00	29.75 1.01 0.00	27.55 0.98 0.00	24.54 0.83 0.00	22.19 0.77 0.00	20.64 0.52 0.00	19.57 0.50 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	19.58 0.33 0.00	17.53 0.17 0.00	17.08 -0.22 0.00	16.97 -0.24 0.00	17.12 -0.24 0.00	17.74 -0.11 0.00	20.04 -0.02 0.00	20.59 0.04 0.00	20.18 -0.02 0.00	19.93 0.16 0.00	18.88 0.30 0.00	19.32 0.38 0.00	19.77 0.35 0.00	20.77 0.53 0.00	21.67 0.73 0.00	21.81 0.64 0.00	24.28 0.50 0.00	28.52 0.03 0.00	28.83 0.09 0.00	26.51 -0.05 0.00	24.04 0.33 0.00	21.57 0.15 0.00	20.18 0.06 0.00	18.79 -0.29 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.26 1.00 0.00	18.24 0.89 0.00	18.22 0.92 0.00	18.10 0.89 0.00	18.20 0.83 0.00	18.67 0.82 0.00	21.08 1.02 0.00	21.76 1.21 0.00	21.51 1.31 0.00	21.02 1.25 0.00	19.69 1.11 0.00	20.15 1.21 0.00	20.66 1.24 0.00	21.62 1.38 0.00	22.59 1.65 0.00	22.85 1.67 0.00	25.66 1.88 0.00	30.85 2.36 0.00	30.98 2.24 0.00	28.67 2.10 0.00	25.51 1.80 0.00	23.15 1.73 0.00	21.32 1.21 0.00	20.12 1.05 0.00
PEEKSKILL____ 23653	20.05 0.79 0.00	18.10 0.75 0.00	18.02 0.71 0.00	17.95 0.74 0.00	18.06 0.70 0.00	18.54 0.70 0.00	20.92 0.86 0.00	21.61 1.07 0.00	21.37 1.17 0.00	20.92 1.15 0.00	19.58 1.00 0.00	20.00 1.06 0.00	20.54 1.13 0.00	21.44 1.19 0.00	22.38 1.44 0.00	22.66 1.48 0.00	25.40 1.62 0.00	30.48 1.99 0.00	30.58 1.84 0.00	28.29 1.73 0.00	25.18 1.47 0.00	22.83 1.41 0.00	21.18 1.07 0.00	19.99 0.92 0.00
PGE MADISON__WINDPWR 24146	20.70 1.44 0.00	18.64 1.28 0.00	18.53 1.23 0.00	18.38 1.17 0.00	18.65 1.28 0.00	19.29 1.45 0.00	21.76 1.70 0.00	22.31 1.77 0.00	21.71 1.52 0.00	21.18 1.40 0.00	19.82 1.24 0.00	20.19 1.25 0.00	20.77 1.36 0.00	21.80 1.56 0.00	22.82 1.89 0.00	23.14 1.97 0.00	26.11 2.33 0.00	31.39 2.91 0.00	31.82 3.08 0.00	29.25 2.68 0.00	26.10 2.39 0.00	23.38 1.97 0.00	21.81 1.69 0.00	20.54 1.47 0.00
PIERCEFIELD__HYD 23852	18.56 -0.69 0.00	16.82 -0.54 0.00	16.77 -0.54 0.00	16.64 -0.57 0.00	16.84 -0.52 0.00	17.35 -0.50 0.00	19.30 -0.76 0.00	19.77 -0.78 0.00	19.35 -0.85 0.00	18.94 -0.83 0.00	17.91 -0.67 0.00	18.24 -0.70 0.00	18.72 -0.70 0.00	19.41 -0.83 0.00	19.95 -0.98 0.00	20.20 -0.97 0.00	22.85 -0.93 0.00	27.35 -1.14 0.00	27.62 -1.12 0.00	25.50 -1.06 0.00	22.67 -1.04 0.00	20.49 -0.92 0.00	19.37 -0.74 0.00	18.62 -0.46 0.00
PINELAWN_CC_1 323563	20.78 1.52 0.00	18.67 1.32 0.00	18.50 1.19 0.00	18.34 1.14 0.00	18.53 1.16 0.00	19.12 1.27 0.00	21.66 1.61 0.00	22.69 1.97 -0.17	25.54 2.06 -3.28	25.50 2.02 -3.71	26.20 1.75 -5.88	28.03 1.78 -7.32	28.51 1.85 -7.25	39.98 2.00 -17.73	34.76 2.32 -11.50	38.14 2.20 -14.76	43.78 2.31 -17.70	48.10 2.85 -16.77	41.43 2.79 -9.91	38.61 2.61 -9.44	34.87 2.28 -8.89	30.79 2.31 -7.06	26.11 1.99 -4.00	23.53 1.66 -2.80
PJM_GEN_HTP_PROXY 323702	20.10 0.85 0.00	18.15 0.80 0.00	18.07 0.76 0.00	18.02 0.81 0.00	18.11 0.75 0.00	18.58 0.73 0.00	20.98 0.92 0.00	21.76 1.21 0.00	21.51 1.31 0.00	21.10 1.32 0.00	19.73 1.15 0.00	20.13 1.19 0.00	20.72 1.30 0.00	21.62 1.38 0.00	22.57 1.63 0.00	22.85 1.67 0.00	25.63 1.86 0.00	30.71 2.22 0.00	30.75 2.01 0.00	28.45 1.89 0.00	25.25 1.54 0.00	22.91 1.50 0.00	21.30 1.19 0.00	20.10 1.03 0.00
PJM_GEN_KEystone 24065	19.58 0.33 0.00	17.63 0.28 0.00	17.46 0.16 0.00	17.31 0.10 0.00	17.45 0.09 0.00	17.99 0.14 0.00	20.30 0.24 0.00	20.92 0.37 0.00	20.60 0.40 0.00	20.27 0.49 0.00	19.04 0.46 0.00	19.45 0.51 0.00	19.96 0.54 0.00	20.87 0.63 0.00	21.78 0.84 0.00	22.00 0.82 0.00	24.61 0.83 0.00	29.20 0.71 0.00	29.37 0.63 0.00	27.15 0.58 0.00	24.35 0.64 0.00	22.01 0.60 0.00	20.52 0.40 0.00	19.25 0.17 0.00
PJM_GEN_NEPTUNE_PROXY 323594	20.45 1.19 0.00	18.39 1.04 0.00	18.24 0.93 0.00	18.10 0.89 0.00	18.27 0.90 0.00	18.83 0.98 0.00	21.32 1.26 0.00	22.26 1.54 -0.17	25.11 1.64 -3.28	25.11 1.62 -3.71	25.83 1.37 -5.88	27.67 1.42 -7.31	28.16 1.50 -7.25	39.55 1.58 -17.73	34.30 1.86 -11.50	37.84 1.91 -14.76	43.57 2.09 -17.70	47.82 2.56 -16.77	41.06 2.41 -9.90	38.26 2.26 -9.44	34.52 1.92 -8.89	30.29 1.82 -7.06	25.64 1.53 -3.99	23.19 1.32 -2.80
PJM_GEN_VFT_PROXY 323633	19.99 0.73 0.00	18.08 0.73 0.00	17.98 0.67 0.00	17.93 0.72 0.00	18.04 0.68 0.00	18.49 0.64 0.00	20.88 0.82 0.00	21.66 1.11 0.00	21.41 1.21 0.00	21.02 1.25 0.00	19.67 1.10 0.00	20.07 1.14 0.00	20.64 1.22 0.00	21.52 1.28 0.00	22.46 1.53 0.00	22.74 1.57 0.00	25.51 1.73 0.00	30.54 2.05 0.00	30.61 1.87 0.00	28.35 1.78 0.00	25.13 1.42 0.00	22.81 1.39 0.00	21.22 1.11 0.00	20.03 0.95 0.00
PLATSBRG_115KV_PMLD1 355749	19.37 0.12 0.00	17.51 0.16 0.00	17.46 0.16 0.00	17.31 0.10 0.00	17.47 0.10 0.00	18.01 0.16 0.00	20.16 0.10 0.00	20.81 0.27 0.00	20.46 0.26 0.00	20.07 0.30 0.00	18.86 0.28 0.00	19.20 0.27 0.00	19.73 0.31 0.00	20.59 0.34 0.00	21.15 0.21 0.00	21.41 0.23 0.00	24.18 0.40 0.00	28.86 0.37 0.00	29.14 0.40 0.00	26.91 0.35 0.00	23.97 0.26 0.00	21.59 0.17 0.00	20.38 0.26 0.00	19.25 0.17 0.00
PLEASANTVLY__LBMP 24000	20.05 0.79 0.00	18.06 0.71 0.00	18.05 0.74 0.00	17.93 0.72 0.00	18.06 0.69 0.00	18.54 0.70 0.00	20.90 0.84 0.00	21.53 0.99 0.00	21.25 1.05 0.00	20.78 1.01 0.00	19.47 0.89 0.00	19.87 0.93 0.00	20.35 0.93 0.00	21.28 1.03 0.00	22.19 1.26 0.00	22.44 1.27 0.00	25.16 1.38 0.00	30.22 1.74 0.00	30.38 1.64 0.00	28.13 1.57 0.00	25.04 1.33 0.00	22.70 1.28 0.00	21.10 0.99 0.00	19.93 0.86 0.00

PLSNTVLE_13_KV_13.8KVDIST 80602	20.16 0.91 0.00	18.17 0.82 0.00	18.15 0.85 0.00	18.02 0.81 0.00	18.13 0.76 0.00	18.62 0.77 0.00	21.00 0.94 0.00	21.72 1.17 0.00	21.45 1.25 0.00	21.00 1.23 0.00	19.66 1.08 0.00	20.06 1.12 0.00	20.56 1.15 0.00	21.50 1.26 0.00	22.44 1.51 0.00	22.70 1.52 0.00	25.47 1.69 0.00	30.57 2.08 0.00	30.70 1.95 0.00	28.43 1.86 0.00	25.25 1.54 0.00	22.91 1.50 0.00	21.26 1.15 0.00	20.07 0.99 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.16 0.91 0.00	18.17 0.82 0.00	18.15 0.85 0.00	18.02 0.81 0.00	18.13 0.76 0.00	18.62 0.77 0.00	21.00 0.94 0.00	21.72 1.17 0.00	21.45 1.25 0.00	21.00 1.23 0.00	19.66 1.08 0.00	20.06 1.12 0.00	20.56 1.15 0.00	21.50 1.26 0.00	22.44 1.51 0.00	22.70 1.52 0.00	25.47 1.69 0.00	30.57 2.08 0.00	30.70 1.95 0.00	28.43 1.86 0.00	25.25 1.54 0.00	22.91 1.50 0.00	21.26 1.15 0.00	20.07 0.99 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.16 0.91 0.00	18.15 0.80 0.00	18.15 0.85 0.00	18.03 0.83 0.00	18.15 0.78 0.00	18.63 0.79 0.00	21.00 0.94 0.00	21.62 1.07 0.00	21.31 1.11 0.00	20.82 1.05 0.00	19.49 0.91 0.00	19.89 0.95 0.00	20.37 0.95 0.00	21.32 1.07 0.00	22.24 1.30 0.00	22.51 1.33 0.00	25.28 1.50 0.00	30.40 1.91 0.00	30.55 1.81 0.00	28.29 1.73 0.00	25.18 1.47 0.00	22.83 1.41 0.00	21.20 1.09 0.00	20.03 0.95 0.00
POLETTI____ 23519	20.14 0.89 0.00	18.13 0.78 0.00	18.14 0.83 0.00	17.98 0.77 0.00	18.09 0.73 0.00	18.56 0.71 0.00	20.94 0.88 0.00	21.74 1.19 0.00	21.49 1.29 0.00	21.08 1.31 0.00	19.71 1.13 0.00	20.11 1.17 0.00	20.64 1.22 0.00	21.60 1.36 0.00	22.57 1.63 0.00	22.82 1.65 0.00	25.61 1.83 0.00	30.68 2.19 0.00	30.73 1.98 0.00	28.45 1.89 0.00	25.23 1.52 0.00	22.87 1.46 0.00	21.28 1.17 0.00	20.07 0.99 0.00
POMONA____ESR 323819	20.03 0.77 0.00	18.08 0.73 0.00	18.00 0.69 0.00	17.93 0.72 0.00	18.04 0.68 0.00	18.53 0.68 0.00	20.90 0.84 0.00	21.57 1.03 0.00	21.31 1.11 0.00	20.88 1.11 0.00	19.54 0.97 0.00	19.94 1.00 0.00	20.48 1.07 0.00	21.40 1.15 0.00	22.32 1.38 0.00	22.59 1.42 0.00	25.35 1.57 0.00	30.40 1.91 0.00	30.50 1.75 0.00	28.24 1.67 0.00	25.11 1.40 0.00	22.77 1.35 0.00	21.16 1.05 0.00	19.97 0.90 0.00
PORT_JEFF_3 23555	20.93 1.67 0.00	18.83 1.47 0.00	18.66 1.35 0.00	18.48 1.27 0.00	18.67 1.30 0.00	19.28 1.43 0.00	21.84 1.78 0.00	22.89 2.18 -0.17	25.74 2.26 -3.28	25.72 2.23 -3.71	26.37 1.91 -5.88	28.24 1.99 -7.31	28.72 2.06 -7.25	40.18 2.21 -17.73	35.01 2.57 -11.50	38.61 2.67 -14.76	44.35 2.88 -17.70	48.79 3.53 -16.77	41.98 3.33 -9.91	39.14 3.13 -9.44	35.35 2.75 -8.89	31.04 2.57 -7.06	26.35 2.23 -4.00	23.73 1.85 -2.80
PORT_JEFF_4 23616	20.93 1.67 0.00	18.83 1.47 0.00	18.66 1.35 0.00	18.48 1.27 0.00	18.67 1.30 0.00	19.28 1.43 0.00	21.84 1.78 0.00	22.89 2.18 -0.17	25.74 2.26 -3.28	25.72 2.23 -3.71	26.37 1.91 -5.88	28.24 1.99 -7.31	28.72 2.06 -7.25	40.18 2.21 -17.73	35.01 2.57 -11.50	38.61 2.67 -14.76	44.35 2.88 -17.70	48.79 3.53 -16.77	41.98 3.33 -9.91	39.14 3.13 -9.44	35.35 2.75 -8.89	31.04 2.57 -7.06	26.35 2.23 -4.00	23.73 1.85 -2.80
PORT_JEFF_IC 23713	20.97 1.71 0.00	18.86 1.51 0.00	18.67 1.37 0.00	18.52 1.31 0.00	18.70 1.34 0.00	19.29 1.45 0.00	21.88 1.83 0.00	22.93 2.22 -0.17	25.78 2.30 -3.28	25.76 2.27 -3.71	26.41 1.95 -5.88	28.30 2.05 -7.32	28.78 2.12 -7.25	40.24 2.27 -17.73	35.07 2.64 -11.50	38.67 2.73 -14.76	44.33 2.85 -17.70	48.76 3.50 -16.77	41.98 3.33 -9.91	39.09 3.08 -9.44	35.39 2.80 -8.89	31.11 2.63 -7.06	26.41 2.29 -4.00	23.76 1.89 -2.80
PPL PILGRIM_ST_GT1 24216	20.93 1.67 0.00	18.81 1.46 0.00	18.64 1.33 0.00	18.46 1.26 0.00	18.67 1.30 0.00	19.26 1.41 0.00	21.84 1.78 0.00	22.87 2.16 -0.17	25.70 2.22 -3.28	25.68 2.19 -3.71	26.35 1.90 -5.88	28.20 1.95 -7.32	28.68 2.02 -7.25	40.16 2.19 -17.73	34.99 2.55 -11.50	38.56 2.62 -14.76	44.38 2.90 -17.70	48.79 3.53 -16.77	42.01 3.36 -9.91	39.14 3.13 -9.44	35.32 2.73 -8.89	31.00 2.53 -7.06	26.31 2.19 -4.00	23.71 1.83 -2.80
PPL PILGRIM_ST_GT2 24217	20.93 1.67 0.00	18.81 1.46 0.00	18.64 1.33 0.00	18.46 1.26 0.00	18.67 1.30 0.00	19.26 1.41 0.00	21.84 1.78 0.00	22.87 2.16 -0.17	25.70 2.22 -3.28	25.68 2.19 -3.71	26.35 1.90 -5.88	28.20 1.95 -7.32	28.68 2.02 -7.25	40.16 2.19 -17.73	34.99 2.55 -11.50	38.56 2.62 -14.76	44.38 2.90 -17.70	48.79 3.53 -16.77	42.01 3.36 -9.91	39.14 3.13 -9.44	35.32 2.73 -8.89	31.00 2.53 -7.06	26.31 2.19 -4.00	23.71 1.83 -2.80
PPL_SHRM_GT3 24213	21.09 1.83 0.00	18.97 1.61 0.00	18.78 1.47 0.00	18.60 1.39 0.00	18.80 1.44 0.00	19.40 1.55 0.00	21.98 1.93 0.00	23.06 2.34 -0.17	25.94 2.46 -3.28	25.92 2.43 -3.71	26.50 2.04 -5.88	28.41 2.16 -7.32	28.88 2.21 -7.25	40.36 2.39 -17.73	35.20 2.76 -11.50	38.82 2.88 -14.76	44.69 3.21 -17.70	49.19 3.93 -16.77	42.41 3.76 -9.91	39.52 3.51 -9.44	35.66 3.06 -8.89	31.28 2.80 -7.06	26.55 2.43 -4.00	23.90 2.02 -2.80
PPL_SHRM_GT4 24214	21.09 1.83 0.00	18.97 1.61 0.00	18.78 1.47 0.00	18.60 1.39 0.00	18.80 1.44 0.00	19.40 1.55 0.00	21.98 1.93 0.00	23.06 2.34 -0.17	25.94 2.46 -3.28	25.92 2.43 -3.71	26.50 2.04 -5.88	28.41 2.16 -7.32	28.88 2.21 -7.25	40.36 2.39 -17.73	35.20 2.76 -11.50	38.82 2.88 -14.76	44.69 3.21 -17.70	49.19 3.93 -16.77	42.41 3.76 -9.91	39.52 3.51 -9.44	35.66 3.06 -8.89	31.28 2.80 -7.06	26.55 2.43 -4.00	23.90 2.02 -2.80
PROJECT____ORANGE 1 24174	19.24 -0.02 0.00	17.28 -0.07 0.00	17.18 -0.12 0.00	17.09 -0.12 0.00	17.26 -0.10 0.00	17.74 -0.11 0.00	20.00 -0.06 0.00	20.44 -0.10 0.00	20.05 -0.14 0.00	19.65 -0.12 0.00	18.48 -0.09 0.00	18.86 -0.08 0.00	19.34 -0.08 0.00	20.16 -0.08 0.00	20.87 -0.06 0.00	21.11 -0.06 0.00	23.68 -0.10 0.00	28.29 -0.20 0.00	28.60 -0.14 0.00	26.38 -0.19 0.00	23.61 -0.09 0.00	21.29 -0.13 0.00	20.00 -0.12 0.00	18.98 -0.10 0.00
PROJECT____ORANGE 2 24166	19.24 -0.02 0.00	17.28 -0.07 0.00	17.18 -0.12 0.00	17.09 -0.12 0.00	17.26 -0.10 0.00	17.74 -0.11 0.00	20.00 -0.06 0.00	20.44 -0.10 0.00	20.05 -0.14 0.00	19.65 -0.12 0.00	18.48 -0.09 0.00	18.86 -0.08 0.00	19.34 -0.08 0.00	20.16 -0.08 0.00	20.87 -0.06 0.00	21.11 -0.06 0.00	23.68 -0.10 0.00	28.29 -0.20 0.00	28.60 -0.14 0.00	26.38 -0.19 0.00	23.61 -0.09 0.00	21.29 -0.13 0.00	20.00 -0.12 0.00	18.98 -0.10 0.00
PUCKETT____SOLAR 323809	19.81 0.56 0.00	17.84 0.49 0.00	17.74 0.43 0.00	17.60 0.40 0.00	17.78 0.42 0.00	18.33 0.48 0.00	20.66 0.60 0.00	21.16 0.62 0.00	20.68 0.48 0.00	20.23 0.46 0.00	18.97 0.39 0.00	19.34 0.40 0.00	19.84 0.43 0.00	20.73 0.49 0.00	21.61 0.67 0.00	21.87 0.70 0.00	24.59 0.81 0.00	29.43 0.94 0.00	29.81 1.06 0.00	27.50 0.93 0.00	24.63 0.92 0.00	22.19 0.77 0.00	20.74 0.62 0.00	19.53 0.46 0.00

PYRITES___HYD 24023	18.87 -0.39 0.00	17.11 -0.24 0.00	17.06 -0.24 0.00	16.93 -0.28 0.00	17.14 -0.23 0.00	17.67 -0.18 0.00	19.68 -0.38 0.00	20.14 -0.41 0.00	19.69 -0.50 0.00	19.28 -0.49 0.00	18.21 -0.37 0.00	18.52 -0.42 0.00	19.05 -0.37 0.00	19.78 -0.47 0.00	20.33 -0.61 0.00	20.58 -0.59 0.00	23.30 -0.48 0.00	27.92 -0.57 0.00	28.20 -0.55 0.00	26.01 -0.56 0.00	23.12 -0.59 0.00	20.86 -0.56 0.00	19.72 -0.40 0.00	18.92 -0.15 0.00
QUAKERRD_115KV_BK1 80622	18.89 -0.37 0.00	16.97 -0.38 0.00	16.72 -0.59 0.00	16.62 -0.59 0.00	16.81 -0.56 0.00	17.31 -0.54 0.00	19.56 -0.50 0.00	20.05 -0.49 0.00	19.67 -0.53 0.00	19.34 -0.44 0.00	18.24 -0.33 0.00	18.64 -0.30 0.00	19.09 -0.33 0.00	19.94 -0.30 0.00	20.69 -0.25 0.00	20.90 -0.28 0.00	23.37 -0.40 0.00	27.75 -0.74 0.00	28.11 -0.63 0.00	25.90 -0.66 0.00	23.31 -0.40 0.00	20.94 -0.47 0.00	19.68 -0.44 0.00	18.50 -0.57 0.00
QUENSBRY_115KV_TB8 356137	19.85 0.60 0.00	17.89 0.54 0.00	17.84 0.54 0.00	17.74 0.53 0.00	17.92 0.56 0.00	18.44 0.59 0.00	20.82 0.76 0.00	21.41 0.86 0.00	21.59 1.39 0.00	20.90 1.13 0.00	19.56 0.98 0.00	19.92 0.98 0.00	20.43 1.01 0.00	21.34 1.09 0.00	22.24 1.30 0.00	22.46 1.29 0.00	25.32 1.55 0.00	30.62 2.14 0.00	31.04 2.30 0.00	28.72 2.15 0.00	25.63 1.92 0.00	23.13 1.71 0.00	21.47 1.35 0.00	20.22 1.14 0.00
RAMAPO___LBMP 323565	20.03 0.77 0.00	18.03 0.68 0.00	18.00 0.69 0.00	17.86 0.65 0.00	17.99 0.63 0.00	18.47 0.62 0.00	20.84 0.78 0.00	21.51 0.97 0.00	21.25 1.05 0.00	20.82 1.05 0.00	19.49 0.91 0.00	19.89 0.95 0.00	20.39 0.97 0.00	21.34 1.09 0.00	22.26 1.32 0.00	22.53 1.36 0.00	25.25 1.47 0.00	30.28 1.79 0.00	30.38 1.64 0.00	28.13 1.57 0.00	25.04 1.33 0.00	22.70 1.28 0.00	21.08 0.97 0.00	19.89 0.82 0.00
RANKINE____ 23646	19.54 0.29 0.00	17.51 0.16 0.00	17.08 -0.22 0.00	16.97 -0.24 0.00	17.12 -0.24 0.00	17.72 -0.12 0.00	20.02 -0.04 0.00	20.59 0.04 0.00	20.18 -0.02 0.00	19.89 0.12 0.00	18.84 0.26 0.00	19.28 0.34 0.00	19.73 0.31 0.00	20.73 0.49 0.00	21.59 0.65 0.00	21.75 0.57 0.00	24.18 0.40 0.00	28.37 -0.11 0.00	28.74 0.00 0.00	26.43 -0.13 0.00	23.97 0.26 0.00	21.50 0.09 0.00	20.16 0.04 0.00	18.73 -0.34 0.00
RAVENSWOOD_GT2_1 24244	20.16 0.91 0.00	18.15 0.80 0.00	18.15 0.85 0.00	18.02 0.81 0.00	18.11 0.75 0.00	18.58 0.73 0.00	20.96 0.90 0.00	21.76 1.21 0.00	21.51 1.31 0.00	21.08 1.31 0.00	19.73 1.15 0.00	20.13 1.19 0.00	20.66 1.24 0.00	21.60 1.36 0.00	22.57 1.63 0.00	22.82 1.65 0.00	25.61 1.83 0.00	30.71 2.22 0.00	30.75 2.01 0.00	28.48 1.91 0.00	25.25 1.54 0.00	22.91 1.50 0.00	21.30 1.19 0.00	20.09 1.01 0.00
RAVENSWOOD_GT2_2 24245	20.16 0.91 0.00	18.15 0.80 0.00	18.15 0.85 0.00	18.02 0.81 0.00	18.11 0.75 0.00	18.58 0.73 0.00	20.96 0.90 0.00	21.76 1.21 0.00	21.51 1.31 0.00	21.08 1.31 0.00	19.73 1.15 0.00	20.13 1.19 0.00	20.66 1.24 0.00	21.60 1.36 0.00	22.57 1.63 0.00	22.82 1.65 0.00	25.61 1.83 0.00	30.71 2.22 0.00	30.75 2.01 0.00	28.48 1.91 0.00	25.25 1.54 0.00	22.91 1.50 0.00	21.30 1.19 0.00	20.09 1.01 0.00
RAVENSWOOD_GT2_3 24246	20.18 0.92 0.00	18.17 0.82 0.00	18.17 0.87 0.00	18.02 0.81 0.00	18.13 0.76 0.00	18.58 0.73 0.00	20.98 0.92 0.00	21.76 1.21 0.00	21.53 1.33 0.00	21.10 1.32 0.00	19.73 1.15 0.00	20.15 1.21 0.00	20.66 1.24 0.00	21.62 1.38 0.00	22.59 1.65 0.00	22.85 1.67 0.00	25.63 1.85 0.00	30.71 2.22 0.00	30.78 2.04 0.00	28.48 1.91 0.00	25.25 1.54 0.00	22.91 1.50 0.00	21.30 1.19 0.00	20.10 1.03 0.00
RAVENSWOOD_GT2_4 24247	20.18 0.92 0.00	18.17 0.82 0.00	18.17 0.87 0.00	18.02 0.81 0.00	18.13 0.76 0.00	18.58 0.73 0.00	20.98 0.92 0.00	21.76 1.21 0.00	21.53 1.33 0.00	21.10 1.32 0.00	19.73 1.15 0.00	20.15 1.21 0.00	20.66 1.24 0.00	21.62 1.38 0.00	22.59 1.65 0.00	22.85 1.67 0.00	25.63 1.85 0.00	30.71 2.22 0.00	30.78 2.04 0.00	28.48 1.91 0.00	25.25 1.54 0.00	22.91 1.50 0.00	21.30 1.19 0.00	20.10 1.03 0.00
RAVENSWOOD_GT3_1 24248	20.16 0.91 0.00	18.17 0.82 0.00	18.15 0.85 0.00	18.02 0.81 0.00	18.11 0.75 0.00	18.58 0.73 0.00	20.98 0.92 0.00	21.76 1.21 0.00	21.51 1.31 0.00	21.08 1.31 0.00	19.73 1.15 0.00	20.13 1.19 0.00	20.66 1.24 0.00	21.60 1.36 0.00	22.57 1.63 0.00	22.82 1.65 0.00	25.61 1.83 0.00	30.71 2.22 0.00	30.75 2.01 0.00	28.48 1.91 0.00	25.25 1.54 0.00	22.91 1.50 0.00	21.30 1.19 0.00	20.09 1.01 0.00
RAVENSWOOD_GT3_2 24249	20.16 0.91 0.00	18.17 0.82 0.00	18.15 0.85 0.00	18.02 0.81 0.00	18.11 0.75 0.00	18.58 0.73 0.00	20.98 0.92 0.00	21.76 1.21 0.00	21.51 1.31 0.00	21.08 1.31 0.00	19.73 1.15 0.00	20.13 1.19 0.00	20.66 1.24 0.00	21.60 1.36 0.00	22.57 1.63 0.00	22.82 1.65 0.00	25.61 1.83 0.00	30.71 2.22 0.00	30.75 2.01 0.00	28.48 1.91 0.00	25.25 1.54 0.00	22.91 1.50 0.00	21.30 1.19 0.00	20.09 1.01 0.00
RAVENSWOOD_GT3_3 24250	20.20 0.94 0.00	18.19 0.83 0.00	18.17 0.87 0.00	18.03 0.83 0.00	18.15 0.78 0.00	18.60 0.75 0.00	21.00 0.94 0.00	21.78 1.23 0.00	21.55 1.35 0.00	21.12 1.34 0.00	19.75 1.17 0.00	20.17 1.23 0.00	20.68 1.26 0.00	21.64 1.40 0.00	22.61 1.67 0.00	22.87 1.69 0.00	25.66 1.88 0.00	30.74 2.25 0.00	30.81 2.07 0.00	28.53 1.97 0.00	25.27 1.56 0.00	22.94 1.52 0.00	21.32 1.21 0.00	20.10 1.03 0.00
RAVENSWOOD_GT3_4 24251	20.20 0.94 0.00	18.19 0.83 0.00	18.17 0.87 0.00	18.03 0.83 0.00	18.15 0.78 0.00	18.60 0.75 0.00	21.00 0.94 0.00	21.78 1.23 0.00	21.55 1.35 0.00	21.12 1.34 0.00	19.75 1.17 0.00	20.17 1.23 0.00	20.68 1.26 0.00	21.64 1.40 0.00	22.61 1.67 0.00	22.87 1.69 0.00	25.66 1.88 0.00	30.74 2.25 0.00	30.81 2.07 0.00	28.53 1.97 0.00	25.27 1.56 0.00	22.94 1.52 0.00	21.32 1.21 0.00	20.10 1.03 0.00
RAVENSWOOD_GT_1 23729	20.10 0.85 0.00	18.17 0.82 0.00	18.07 0.76 0.00	18.02 0.81 0.00	18.11 0.75 0.00	18.54 0.70 0.00	20.92 0.86 0.00	21.72 1.17 0.00	21.51 1.31 0.00	21.12 1.35 0.00	19.73 1.15 0.00	20.13 1.19 0.00	20.72 1.30 0.00	21.62 1.38 0.00	22.59 1.65 0.00	22.87 1.69 0.00	25.66 1.88 0.00	30.74 2.25 0.00	30.78 2.04 0.00	28.48 1.91 0.00	25.20 1.49 0.00	22.87 1.46 0.00	21.26 1.15 0.00	20.10 1.03 0.00
RAVENSWOOD_GT_10 24258	20.16 0.91 0.00	18.17 0.82 0.00	18.15 0.85 0.00	18.02 0.81 0.00	18.13 0.76 0.00	18.58 0.73 0.00	20.98 0.92 0.00	21.76 1.21 0.00	21.51 1.31 0.00	21.10 1.32 0.00	19.73 1.15 0.00	20.13 1.19 0.00	20.66 1.24 0.00	21.60 1.36 0.00	22.57 1.63 0.00	22.82 1.65 0.00	25.61 1.83 0.00	30.71 2.22 0.00	30.75 2.01 0.00	28.48 1.91 0.00	25.25 1.54 0.00	22.91 1.50 0.00	21.30 1.19 0.00	20.09 1.01 0.00



RAVENSWOOD_GT_11 24259	20.10 0.85 0.00	18.17 0.82 0.00	18.07 0.76 0.00	18.02 0.81 0.00	18.13 0.76 0.00	18.58 0.73 0.00	20.98 0.92 0.00	21.76 1.21 0.00	21.51 1.31 0.00	21.10 1.32 0.00	19.73 1.15 0.00	20.13 1.19 0.00	20.72 1.30 0.00	21.60 1.36 0.00	22.57 1.63 0.00	22.83 1.65 0.00	25.61 1.83 0.00	30.71 2.22 0.00	30.75 2.01 0.00	28.48 1.91 0.00	25.25 1.54 0.00	22.91 1.50 0.00	21.30 1.19 0.00	20.10 1.03 0.00
RAVENSWOOD_GT_4 24252	20.18 0.92 0.00	18.17 0.82 0.00	18.15 0.85 0.00	18.02 0.81 0.00	18.13 0.76 0.00	18.60 0.75 0.00	21.00 0.94 0.00	21.78 1.23 0.00	21.53 1.33 0.00	21.10 1.32 0.00	19.73 1.15 0.00	20.13 1.19 0.00	20.66 1.24 0.00	21.62 1.38 0.00	22.57 1.63 0.00	22.85 1.67 0.00	25.61 1.83 0.00	30.71 2.22 0.00	30.75 2.01 0.00	28.48 1.91 0.00	25.27 1.56 0.00	22.94 1.52 0.00	21.32 1.21 0.00	20.10 1.03 0.00
RAVENSWOOD_GT_5 24254	20.18 0.92 0.00	18.17 0.82 0.00	18.15 0.85 0.00	18.02 0.81 0.00	18.13 0.76 0.00	18.60 0.75 0.00	21.00 0.94 0.00	21.78 1.23 0.00	21.53 1.33 0.00	21.10 1.32 0.00	19.73 1.15 0.00	20.13 1.19 0.00	20.66 1.24 0.00	21.62 1.38 0.00	22.57 1.63 0.00	22.85 1.67 0.00	25.61 1.83 0.00	30.71 2.22 0.00	30.75 2.01 0.00	28.48 1.91 0.00	25.27 1.56 0.00	22.94 1.52 0.00	21.32 1.21 0.00	20.10 1.03 0.00
RAVENSWOOD_GT_6 24253	20.18 0.92 0.00	18.17 0.82 0.00	18.15 0.85 0.00	18.02 0.81 0.00	18.13 0.76 0.00	18.60 0.75 0.00	21.00 0.94 0.00	21.78 1.23 0.00	21.53 1.33 0.00	21.10 1.32 0.00	19.73 1.15 0.00	20.13 1.19 0.00	20.66 1.24 0.00	21.62 1.38 0.00	22.57 1.63 0.00	22.85 1.67 0.00	25.61 1.83 0.00	30.71 2.22 0.00	30.75 2.01 0.00	28.48 1.91 0.00	25.27 1.56 0.00	22.94 1.52 0.00	21.32 1.21 0.00	20.10 1.03 0.00
RAVENSWOOD_GT_7 24255	20.18 0.92 0.00	18.17 0.82 0.00	18.15 0.85 0.00	18.02 0.81 0.00	18.13 0.76 0.00	18.60 0.75 0.00	21.00 0.94 0.00	21.78 1.23 0.00	21.53 1.33 0.00	21.10 1.32 0.00	19.73 1.15 0.00	20.13 1.19 0.00	20.66 1.24 0.00	21.62 1.38 0.00	22.57 1.63 0.00	22.85 1.67 0.00	25.61 1.83 0.00	30.71 2.22 0.00	30.75 2.01 0.00	28.48 1.91 0.00	25.27 1.56 0.00	22.94 1.52 0.00	21.32 1.21 0.00	20.10 1.03 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.16 0.91 0.00	18.17 0.82 0.00	18.15 0.85 0.00	18.02 0.81 0.00	18.13 0.76 0.00	18.58 0.73 0.00	20.98 0.92 0.00	21.76 1.21 0.00	21.51 1.31 0.00	21.10 1.32 0.00	19.73 1.15 0.00	20.13 1.19 0.00	20.66 1.24 0.00	21.60 1.36 0.00	22.57 1.63 0.00	22.82 1.65 0.00	25.61 1.83 0.00	30.71 2.22 0.00	30.75 2.01 0.00	28.48 1.91 0.00	25.25 1.54 0.00	22.91 1.50 0.00	21.30 1.19 0.00	20.09 1.01 0.00
RAVENSWOOD_GT_9 24257	20.16 0.91 0.00	18.17 0.82 0.00	18.15 0.85 0.00	18.02 0.81 0.00	18.13 0.76 0.00	18.58 0.73 0.00	20.98 0.92 0.00	21.76 1.21 0.00	21.51 1.31 0.00	21.10 1.32 0.00	19.73 1.15 0.00	20.13 1.19 0.00	20.66 1.24 0.00	21.60 1.36 0.00	22.57 1.63 0.00	22.82 1.65 0.00	25.61 1.83 0.00	30.71 2.22 0.00	30.75 2.01 0.00	28.48 1.91 0.00	25.25 1.54 0.00	22.91 1.50 0.00	21.30 1.19 0.00	20.09 1.01 0.00
RAVENSWOOD___1 23533	20.08 0.83 0.00	18.15 0.80 0.00	18.05 0.74 0.00	18.02 0.81 0.00	18.11 0.75 0.00	18.53 0.68 0.00	20.90 0.84 0.00	21.72 1.17 0.00	21.49 1.29 0.00	21.10 1.32 0.00	19.73 1.15 0.00	20.13 1.19 0.00	20.70 1.28 0.00	21.60 1.36 0.00	22.57 1.63 0.00	22.85 1.67 0.00	25.63 1.86 0.00	30.74 2.25 0.00	30.78 2.04 0.00	28.48 1.91 0.00	25.18 1.47 0.00	22.85 1.43 0.00	21.26 1.15 0.00	20.08 1.01 0.00
RAVENSWOOD___2 23534	20.08 0.83 0.00	18.15 0.80 0.00	18.05 0.74 0.00	18.00 0.79 0.00	18.09 0.73 0.00	18.53 0.68 0.00	20.90 0.84 0.00	21.70 1.15 0.00	21.49 1.29 0.00	21.10 1.32 0.00	19.71 1.13 0.00	20.11 1.17 0.00	20.70 1.28 0.00	21.60 1.36 0.00	22.57 1.63 0.00	22.85 1.67 0.00	25.63 1.86 0.00	30.71 2.22 0.00	30.75 2.01 0.00	28.45 1.89 0.00	25.18 1.47 0.00	22.85 1.43 0.00	21.24 1.13 0.00	20.08 1.01 0.00
RAVENSWOOD___3 23535	20.10 0.85 0.00	18.17 0.82 0.00	18.07 0.76 0.00	18.02 0.81 0.00	18.11 0.75 0.00	18.58 0.73 0.00	20.98 0.92 0.00	21.76 1.21 0.00	21.51 1.31 0.00	21.10 1.32 0.00	19.73 1.15 0.00	20.13 1.19 0.00	20.72 1.30 0.00	21.60 1.36 0.00	22.57 1.63 0.00	22.85 1.67 0.00	25.61 1.83 0.00	30.71 2.22 0.00	30.75 2.01 0.00	28.48 1.91 0.00	25.25 1.54 0.00	22.91 1.50 0.00	21.30 1.19 0.00	20.10 1.03 0.00
RAVENSWOOD___4 23820	20.08 0.83 0.00	18.15 0.80 0.00	18.05 0.74 0.00	18.00 0.79 0.00	18.09 0.73 0.00	18.53 0.68 0.00	20.90 0.84 0.00	21.70 1.15 0.00	21.49 1.29 0.00	21.08 1.30 0.00	19.71 1.13 0.00	20.11 1.17 0.00	20.70 1.28 0.00	21.60 1.36 0.00	22.57 1.63 0.00	22.85 1.67 0.00	25.63 1.86 0.00	30.71 2.22 0.00	30.75 2.01 0.00	28.45 1.89 0.00	25.18 1.47 0.00	22.83 1.41 0.00	21.24 1.13 0.00	20.08 1.01 0.00
RCPI_TRUST___DRP 24196	20.20 0.94 0.00	18.19 0.83 0.00	18.17 0.87 0.00	18.03 0.83 0.00	18.15 0.78 0.00	18.62 0.77 0.00	21.02 0.96 0.00	21.80 1.25 0.00	21.55 1.35 0.00	21.14 1.36 0.00	19.77 1.19 0.00	20.17 1.23 0.00	20.70 1.28 0.00	21.66 1.42 0.00	22.61 1.67 0.00	22.89 1.72 0.00	25.68 1.90 0.00	30.77 2.28 0.00	30.78 2.04 0.00	28.51 1.94 0.00	25.30 1.59 0.00	22.94 1.52 0.00	21.34 1.23 0.00	20.12 1.05 0.00
RED___ROCHESTER 323720	19.47 0.21 0.00	17.46 0.10 0.00	17.27 -0.03 0.00	17.05 -0.16 0.00	17.24 -0.12 0.00	17.78 -0.07 0.00	20.08 0.02 0.00	20.67 0.12 0.00	20.28 0.08 0.00	19.95 0.18 0.00	18.84 0.26 0.00	19.26 0.32 0.00	19.73 0.31 0.00	20.65 0.40 0.00	21.46 0.52 0.00	21.62 0.45 0.00	24.14 0.36 0.00	28.60 0.11 0.00	28.97 0.23 0.00	26.73 0.16 0.00	24.07 0.36 0.00	21.63 0.21 0.00	20.28 0.16 0.00	18.96 -0.11 0.00
REGAN___SOLAR 323812	20.57 1.31 0.00	18.53 1.18 0.00	18.41 1.11 0.00	18.31 1.10 0.00	18.53 1.16 0.00	19.08 1.23 0.00	21.62 1.57 0.00	22.01 1.46 0.00	21.69 1.49 0.00	21.04 1.27 0.00	19.65 1.08 0.00	20.00 1.06 0.00	20.50 1.09 0.00	21.44 1.19 0.00	22.42 1.49 0.00	22.76 1.59 0.00	25.73 1.95 0.00	31.16 2.68 0.00	31.64 2.90 0.00	29.17 2.60 0.00	26.01 2.30 0.00	23.41 1.99 0.00	21.71 1.59 0.00	20.56 1.49 0.00
RENSSELAER___COGEN 23796	19.56 0.31 0.00	17.68 0.33 0.00	17.69 0.38 0.00	17.62 0.41 0.00	17.76 0.40 0.00	18.26 0.41 0.00	20.48 0.42 0.00	20.98 0.43 0.00	20.66 0.46 0.00	20.17 0.40 0.00	18.93 0.35 0.00	19.28 0.34 0.00	19.78 0.37 0.00	20.59 0.34 0.00	21.40 0.46 0.00	21.64 0.47 0.00	24.30 0.52 0.00	29.31 0.83 0.00	29.60 0.86 0.00	27.42 0.85 0.00	24.42 0.71 0.00	22.08 0.66 0.00	20.54 0.42 0.00	19.48 0.40 0.00

REPUBLIC_115KV_BARTNBRK 55605	20.76 1.50 0.00	18.71 1.35 0.00	18.60 1.30 0.00	18.46 1.26 0.00	18.70 1.34 0.00	19.24 1.39 0.00	21.80 1.75 0.00	22.38 1.83 0.00	22.56 2.36 0.00	21.77 2.00 0.00	20.38 1.80 0.00	20.70 1.76 0.00	21.14 1.73 0.00	22.11 1.86 0.00	23.07 2.14 0.00	23.31 2.14 0.00	26.37 2.59 0.00	31.99 3.50 0.00	32.51 3.77 0.00	30.02 3.45 0.00	26.96 3.25 0.00	24.20 2.78 0.00	22.37 2.25 0.00	21.08 2.00 0.00
REVERE_CPPR_DRP 24186	19.78 0.52 0.00	17.80 0.45 0.00	17.74 0.43 0.00	17.62 0.41 0.00	17.83 0.47 0.00	18.37 0.52 0.00	20.68 0.62 0.00	21.12 0.58 0.00	20.68 0.48 0.00	20.21 0.44 0.00	18.97 0.39 0.00	19.34 0.40 0.00	19.84 0.43 0.00	20.73 0.49 0.00	21.52 0.59 0.00	21.79 0.61 0.00	24.52 0.74 0.00	29.40 0.91 0.00	29.72 0.98 0.00	27.39 0.82 0.00	24.42 0.71 0.00	21.99 0.58 0.00	20.60 0.48 0.00	19.57 0.50 0.00
REYNOLDS_115KV_TB3 80639	19.76 0.50 0.00	17.82 0.47 0.00	17.82 0.52 0.00	17.76 0.55 0.00	17.88 0.52 0.00	18.40 0.55 0.00	20.64 0.58 0.00	21.12 0.58 0.00	20.80 0.61 0.00	20.27 0.49 0.00	19.06 0.48 0.00	19.41 0.47 0.00	19.88 0.47 0.00	20.73 0.49 0.00	21.57 0.63 0.00	21.79 0.61 0.00	24.47 0.69 0.00	29.51 1.03 0.00	29.81 1.06 0.00	27.60 1.04 0.00	24.61 0.90 0.00	22.25 0.84 0.00	20.70 0.58 0.00	19.63 0.55 0.00
RIVERBAY____ 323610	20.33 1.08 0.00	18.32 0.97 0.00	18.41 1.11 0.00	18.19 0.98 0.00	18.27 0.90 0.00	18.63 0.79 0.00	21.02 0.96 0.00	21.76 1.21 0.00	21.53 1.33 0.00	21.12 1.34 0.00	19.75 1.17 0.00	20.13 1.19 0.00	20.66 1.24 0.00	21.62 1.38 0.00	22.61 1.67 0.00	22.87 1.69 0.00	25.66 1.88 0.00	30.74 2.25 0.00	30.78 2.04 0.00	28.51 1.94 0.00	25.18 1.47 0.00	22.85 1.43 0.00	21.26 1.15 0.00	20.24 1.16 0.00
RIVERSDE_115KV_TB3 55908	19.68 0.42 0.00	17.77 0.42 0.00	17.77 0.47 0.00	17.69 0.48 0.00	17.83 0.47 0.00	18.33 0.48 0.00	20.56 0.50 0.00	21.06 0.51 0.00	20.74 0.55 0.00	20.21 0.44 0.00	19.01 0.43 0.00	19.35 0.42 0.00	19.84 0.43 0.00	20.67 0.43 0.00	21.50 0.57 0.00	21.75 0.57 0.00	24.42 0.64 0.00	29.46 0.97 0.00	29.72 0.98 0.00	27.55 0.98 0.00	24.54 0.83 0.00	22.16 0.75 0.00	20.64 0.52 0.00	19.57 0.50 0.00
ROARING____BROOK_WT_PWR 323790	19.24 -0.02 0.00	17.34 -0.02 0.00	17.31 0.00 0.00	17.21 0.00 0.00	17.38 0.02 0.00	17.87 0.02 0.00	20.10 0.04 0.00	20.59 0.04 0.00	20.24 0.04 0.00	19.81 0.04 0.00	18.62 0.04 0.00	18.98 0.04 0.00	19.45 0.04 0.00	20.28 0.04 0.00	21.02 0.08 0.00	21.24 0.06 0.00	23.85 0.07 0.00	28.57 0.09 0.00	28.83 0.09 0.00	26.65 0.08 0.00	23.76 0.05 0.00	21.42 0.00 0.00	19.98 -0.14 0.00	18.81 -0.27 0.00
ROCHESRG_115KV_T4 355643	19.28 0.02 0.00	17.32 -0.03 0.00	17.01 -0.29 0.00	16.92 -0.29 0.00	17.09 -0.28 0.00	17.62 -0.23 0.00	19.90 -0.16 0.00	20.44 -0.10 0.00	20.05 -0.14 0.00	19.73 -0.04 0.00	18.61 0.04 0.00	19.03 0.09 0.00	19.49 0.08 0.00	20.38 0.14 0.00	21.17 0.23 0.00	21.36 0.19 0.00	23.83 0.05 0.00	28.23 -0.26 0.00	28.60 -0.14 0.00	26.35 -0.21 0.00	23.76 0.05 0.00	21.35 -0.06 0.00	20.06 -0.06 0.00	18.79 -0.29 0.00
ROCHESTER_9_IC 23652	19.39 0.13 0.00	17.41 0.05 0.00	17.10 -0.21 0.00	16.98 -0.22 0.00	17.17 -0.19 0.00	17.71 -0.14 0.00	20.00 -0.06 0.00	20.57 0.02 0.00	20.18 -0.02 0.00	19.85 0.08 0.00	18.74 0.17 0.00	19.15 0.21 0.00	19.61 0.19 0.00	20.53 0.28 0.00	21.31 0.38 0.00	21.49 0.32 0.00	23.99 0.21 0.00	28.43 -0.06 0.00	28.80 0.06 0.00	26.54 -0.03 0.00	23.92 0.21 0.00	21.50 0.09 0.00	20.18 0.06 0.00	18.88 -0.19 0.00
ROCKVIEW_13_KV_LD 356306	20.24 0.98 0.00	18.22 0.87 0.00	18.21 0.90 0.00	18.05 0.84 0.00	18.18 0.82 0.00	18.67 0.82 0.00	21.06 1.00 0.00	21.82 1.27 0.00	21.55 1.35 0.00	21.12 1.34 0.00	19.77 1.19 0.00	20.17 1.23 0.00	20.68 1.26 0.00	21.62 1.38 0.00	22.59 1.65 0.00	22.85 1.67 0.00	25.63 1.85 0.00	30.74 2.25 0.00	30.84 2.10 0.00	28.56 1.99 0.00	25.37 1.66 0.00	23.02 1.61 0.00	21.37 1.25 0.00	20.14 1.07 0.00
ROME____115KV_TB2 80656	19.78 0.52 0.00	17.80 0.45 0.00	17.74 0.43 0.00	17.62 0.41 0.00	17.83 0.47 0.00	18.37 0.52 0.00	20.68 0.62 0.00	21.12 0.58 0.00	20.68 0.48 0.00	20.21 0.44 0.00	18.97 0.39 0.00	19.34 0.40 0.00	19.84 0.43 0.00	20.73 0.49 0.00	21.52 0.59 0.00	21.79 0.61 0.00	24.52 0.74 0.00	29.40 0.91 0.00	29.72 0.98 0.00	27.39 0.82 0.00	24.42 0.71 0.00	21.99 0.58 0.00	20.60 0.48 0.00	19.57 0.50 0.00
ROSETON____1 23587	19.99 0.73 0.00	18.03 0.68 0.00	17.96 0.66 0.00	17.90 0.69 0.00	18.02 0.66 0.00	18.51 0.66 0.00	20.86 0.80 0.00	21.51 0.97 0.00	21.23 1.03 0.00	20.78 1.01 0.00	19.45 0.87 0.00	19.83 0.89 0.00	20.37 0.95 0.00	21.25 1.01 0.00	22.15 1.21 0.00	22.42 1.25 0.00	25.16 1.38 0.00	30.20 1.71 0.00	30.35 1.61 0.00	28.08 1.51 0.00	24.99 1.28 0.00	22.66 1.24 0.00	21.08 0.97 0.00	19.91 0.84 0.00
ROSETON____2 23588	19.99 0.73 0.00	18.03 0.68 0.00	17.96 0.66 0.00	17.90 0.69 0.00	18.02 0.66 0.00	18.51 0.66 0.00	20.86 0.80 0.00	21.51 0.97 0.00	21.23 1.03 0.00	20.78 1.01 0.00	19.45 0.87 0.00	19.83 0.89 0.00	20.37 0.95 0.00	21.25 1.01 0.00	22.15 1.21 0.00	22.42 1.25 0.00	25.16 1.38 0.00	30.20 1.71 0.00	30.35 1.61 0.00	28.08 1.51 0.00	24.99 1.28 0.00	22.66 1.24 0.00	21.08 0.97 0.00	19.91 0.84 0.00
ROTTRDAM_115KV_TB3 80664	19.87 0.62 0.00	17.91 0.56 0.00	17.89 0.59 0.00	17.81 0.60 0.00	17.95 0.59 0.00	18.46 0.61 0.00	20.74 0.68 0.00	21.25 0.70 0.00	20.98 0.79 0.00	20.47 0.69 0.00	19.19 0.61 0.00	19.54 0.61 0.00	20.04 0.62 0.00	20.91 0.67 0.00	21.75 0.82 0.00	22.00 0.83 0.00	24.71 0.93 0.00	29.77 1.28 0.00	30.04 1.29 0.00	27.81 1.25 0.00	24.80 1.09 0.00	22.42 1.01 0.00	20.88 0.76 0.00	19.78 0.71 0.00
RUSSELL____1 23602	19.47 0.21 0.00	17.46 0.10 0.00	17.15 -0.16 0.00	17.05 -0.15 0.00	17.24 -0.12 0.00	17.78 -0.07 0.00	20.08 0.02 0.00	20.67 0.12 0.00	20.28 0.08 0.00	19.95 0.18 0.00	18.84 0.26 0.00	19.26 0.32 0.00	19.73 0.31 0.00	20.65 0.40 0.00	21.44 0.50 0.00	21.62 0.44 0.00	24.13 0.36 0.00	28.60 0.11 0.00	28.97 0.23 0.00	26.70 0.13 0.00	24.07 0.36 0.00	21.61 0.19 0.00	20.28 0.16 0.00	18.96 -0.11 0.00
RUSSELL____2 23532	19.47 0.21 0.00	17.46 0.10 0.00	17.15 -0.16 0.00	17.05 -0.15 0.00	17.24 -0.12 0.00	17.78 -0.07 0.00	20.08 0.02 0.00	20.67 0.12 0.00	20.28 0.08 0.00	19.95 0.18 0.00	18.84 0.26 0.00	19.26 0.32 0.00	19.73 0.31 0.00	20.65 0.40 0.00	21.44 0.50 0.00	21.62 0.44 0.00	24.13 0.36 0.00	28.60 0.11 0.00	28.97 0.23 0.00	26.70 0.13 0.00	24.07 0.36 0.00	21.61 0.19 0.00	20.28 0.16 0.00	18.96 -0.11 0.00

RUSSELL___3 23549	19.47 0.21 0.00	17.46 0.10 0.00	17.15 -0.16 0.00	17.05 -0.15 0.00	17.24 -0.12 0.00	17.78 -0.07 0.00	20.08 0.02 0.00	20.67 0.12 0.00	20.28 0.08 0.00	19.95 0.18 0.00	18.84 0.26 0.00	19.26 0.32 0.00	19.73 0.31 0.00	20.65 0.40 0.00	21.44 0.50 0.00	21.62 0.44 0.00	24.13 0.36 0.00	28.60 0.11 0.00	28.97 0.23 0.00	26.70 0.13 0.00	24.07 0.36 0.00	21.61 0.19 0.00	20.28 0.16 0.00	18.96 -0.11 0.00
RUSSELL___4 23556	19.47 0.21 0.00	17.46 0.10 0.00	17.15 -0.16 0.00	17.05 -0.15 0.00	17.24 -0.12 0.00	17.78 -0.07 0.00	20.08 0.02 0.00	20.67 0.12 0.00	20.28 0.08 0.00	19.95 0.18 0.00	18.84 0.26 0.00	19.26 0.32 0.00	19.73 0.31 0.00	20.65 0.40 0.00	21.44 0.50 0.00	21.62 0.44 0.00	24.13 0.36 0.00	28.60 0.11 0.00	28.97 0.23 0.00	26.70 0.13 0.00	24.07 0.36 0.00	21.61 0.19 0.00	20.28 0.16 0.00	18.96 -0.11 0.00
RUSSELL___STATION 23914	19.47 0.21 0.00	17.46 0.10 0.00	17.15 -0.16 0.00	17.05 -0.15 0.00	17.24 -0.12 0.00	17.78 -0.07 0.00	20.08 0.02 0.00	20.67 0.12 0.00	20.28 0.08 0.00	19.95 0.18 0.00	18.84 0.26 0.00	19.26 0.32 0.00	19.73 0.31 0.00	20.65 0.40 0.00	21.44 0.50 0.00	21.62 0.44 0.00	24.13 0.36 0.00	28.60 0.11 0.00	28.97 0.23 0.00	26.70 0.13 0.00	24.07 0.36 0.00	21.61 0.19 0.00	20.28 0.16 0.00	18.96 -0.11 0.00
S SALMON___HYD 24043	19.12 -0.13 0.00	17.20 -0.16 0.00	17.13 -0.17 0.00	17.02 -0.19 0.00	17.21 -0.16 0.00	17.70 -0.14 0.00	19.96 -0.10 0.00	20.40 -0.14 0.00	19.99 -0.20 0.00	19.58 -0.20 0.00	18.39 -0.19 0.00	18.75 -0.19 0.00	19.20 -0.21 0.00	20.00 -0.24 0.00	20.73 -0.21 0.00	20.96 -0.21 0.00	23.54 -0.24 0.00	28.20 -0.28 0.00	28.54 -0.20 0.00	26.30 -0.27 0.00	23.50 -0.21 0.00	21.16 -0.26 0.00	19.88 -0.24 0.00	18.85 -0.23 0.00
S.PERRY___115KV_TB1 80734	20.12 0.87 0.00	18.01 0.66 0.00	17.67 0.36 0.00	17.55 0.34 0.00	17.76 0.40 0.00	18.35 0.50 0.00	20.78 0.72 0.00	21.43 0.88 0.00	20.94 0.75 0.00	20.56 0.79 0.00	19.38 0.80 0.00	19.79 0.85 0.00	20.27 0.85 0.00	21.23 0.99 0.00	22.15 1.21 0.00	22.38 1.21 0.00	25.06 1.28 0.00	29.74 1.25 0.00	30.21 1.47 0.00	27.81 1.25 0.00	25.11 1.40 0.00	22.51 1.09 0.00	21.02 0.91 0.00	19.53 0.46 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.33 0.08 0.00	17.34 -0.02 0.00	16.91 -0.40 0.00	16.80 -0.41 0.00	16.96 -0.40 0.00	17.54 -0.30 0.00	19.80 -0.26 0.00	20.36 -0.18 0.00	19.93 -0.26 0.00	19.67 -0.10 0.00	18.61 0.04 0.00	19.05 0.11 0.00	19.49 0.08 0.00	20.47 0.22 0.00	21.31 0.38 0.00	21.45 0.28 0.00	23.85 0.07 0.00	27.97 -0.51 0.00	28.37 -0.37 0.00	26.11 -0.45 0.00	23.69 -0.02 0.00	21.27 -0.15 0.00	19.96 -0.16 0.00	18.56 -0.51 0.00
SAWYER___23_KV_LOAD 55526	19.33 0.08 0.00	17.34 -0.02 0.00	16.91 -0.40 0.00	16.80 -0.41 0.00	16.96 -0.40 0.00	17.54 -0.30 0.00	19.80 -0.26 0.00	20.36 -0.18 0.00	19.93 -0.26 0.00	19.67 -0.10 0.00	18.61 0.04 0.00	19.05 0.11 0.00	19.49 0.08 0.00	20.47 0.22 0.00	21.31 0.38 0.00	21.45 0.28 0.00	23.85 0.07 0.00	27.97 -0.51 0.00	28.37 -0.37 0.00	26.11 -0.45 0.00	23.69 -0.02 0.00	21.27 -0.15 0.00	19.96 -0.16 0.00	18.56 -0.51 0.00
SELKIRK___I 23801	19.81 0.56 0.00	17.91 0.56 0.00	17.91 0.61 0.00	17.85 0.64 0.00	17.99 0.62 0.00	18.47 0.62 0.00	20.72 0.66 0.00	21.22 0.68 0.00	20.90 0.71 0.00	20.39 0.61 0.00	19.13 0.56 0.00	19.49 0.55 0.00	20.00 0.58 0.00	20.83 0.59 0.00	21.65 0.71 0.00	21.89 0.72 0.00	24.61 0.83 0.00	29.66 1.17 0.00	29.95 1.21 0.00	27.73 1.17 0.00	24.73 1.02 0.00	22.34 0.92 0.00	20.82 0.70 0.00	19.70 0.63 0.00
SELKIRK___II 23799	19.68 0.42 0.00	17.77 0.42 0.00	17.77 0.47 0.00	17.71 0.50 0.00	17.85 0.49 0.00	18.35 0.50 0.00	20.58 0.52 0.00	21.08 0.53 0.00	20.76 0.56 0.00	20.27 0.49 0.00	19.02 0.45 0.00	19.37 0.44 0.00	19.88 0.47 0.00	20.69 0.44 0.00	21.52 0.59 0.00	21.77 0.59 0.00	24.44 0.66 0.00	29.46 0.97 0.00	29.72 0.98 0.00	27.52 0.95 0.00	24.52 0.81 0.00	22.16 0.75 0.00	20.66 0.54 0.00	19.57 0.50 0.00
SENECA OSWGO___HYD 24041	19.14 -0.11 0.00	17.21 -0.14 0.00	17.15 -0.16 0.00	17.02 -0.19 0.00	17.19 -0.17 0.00	17.69 -0.16 0.00	19.92 -0.14 0.00	20.30 -0.25 0.00	19.91 -0.28 0.00	19.52 -0.26 0.00	18.36 -0.22 0.00	18.73 -0.21 0.00	19.20 -0.21 0.00	19.98 -0.26 0.00	20.69 -0.25 0.00	20.92 -0.25 0.00	23.47 -0.31 0.00	28.09 -0.40 0.00	28.37 -0.37 0.00	26.19 -0.37 0.00	23.43 -0.28 0.00	21.12 -0.30 0.00	19.86 -0.26 0.00	18.90 -0.17 0.00
SENECA___115KV_TB3 355854	19.58 0.33 0.00	17.54 0.19 0.00	17.10 -0.21 0.00	16.98 -0.22 0.00	17.14 -0.23 0.00	17.74 -0.11 0.00	20.04 -0.02 0.00	20.63 0.08 0.00	20.20 0.00 0.00	19.93 0.16 0.00	18.88 0.30 0.00	19.32 0.38 0.00	19.78 0.37 0.00	20.77 0.53 0.00	21.65 0.71 0.00	21.79 0.61 0.00	24.23 0.45 0.00	28.46 -0.03 0.00	28.80 0.06 0.00	26.49 -0.08 0.00	24.02 0.31 0.00	21.54 0.13 0.00	20.20 0.08 0.00	18.77 -0.31 0.00
SENECA___ENERGY 23797	19.29 0.04 0.00	17.34 -0.02 0.00	17.22 -0.09 0.00	17.07 -0.14 0.00	17.26 -0.10 0.00	17.78 -0.07 0.00	20.08 0.02 0.00	20.59 0.04 0.00	20.18 -0.02 0.00	19.79 0.02 0.00	18.63 0.06 0.00	19.03 0.10 0.00	19.51 0.10 0.00	20.37 0.12 0.00	21.15 0.21 0.00	21.39 0.21 0.00	23.92 0.14 0.00	28.54 0.06 0.00	28.86 0.12 0.00	26.59 0.03 0.00	23.85 0.14 0.00	21.48 0.06 0.00	20.12 0.00 0.00	18.96 -0.11 0.00
SHOEMAKER___GT 23640	19.87 0.62 0.00	17.93 0.57 0.00	17.86 0.55 0.00	17.79 0.59 0.00	17.92 0.56 0.00	18.40 0.55 0.00	20.74 0.68 0.00	21.37 0.82 0.00	21.06 0.87 0.00	20.62 0.85 0.00	19.30 0.72 0.00	19.70 0.76 0.00	20.21 0.80 0.00	21.11 0.87 0.00	21.98 1.05 0.00	22.25 1.08 0.00	24.97 1.19 0.00	29.97 1.48 0.00	30.15 1.41 0.00	27.89 1.33 0.00	24.85 1.14 0.00	22.51 1.09 0.00	20.96 0.84 0.00	19.78 0.71 0.00
SHOEMAKR_138KV_BK 111 55601	19.91 0.65 0.00	17.93 0.57 0.00	17.91 0.61 0.00	17.79 0.59 0.00	17.92 0.56 0.00	18.40 0.55 0.00	20.74 0.68 0.00	21.35 0.80 0.00	21.04 0.85 0.00	20.60 0.83 0.00	19.30 0.72 0.00	19.68 0.74 0.00	20.17 0.76 0.00	21.09 0.85 0.00	21.98 1.05 0.00	22.25 1.08 0.00	24.97 1.19 0.00	29.97 1.48 0.00	30.12 1.38 0.00	27.87 1.30 0.00	24.82 1.11 0.00	22.51 1.09 0.00	20.94 0.82 0.00	19.76 0.69 0.00
SHOREHAM_IC_1 23715	21.09 1.83 0.00	18.97 1.61 0.00	18.78 1.47 0.00	18.60 1.39 0.00	18.80 1.44 0.00	19.40 1.55 0.00	21.98 1.93 0.00	23.06 2.34 -0.17	25.94 2.46 -3.28	25.92 2.43 -3.71	26.50 2.04 -5.88	28.41 2.16 -7.32	28.88 2.21 -7.25	40.36 2.39 -17.73	35.20 2.76 -11.50	38.82 2.88 -14.76	44.69 3.21 -17.70	49.19 3.93 -16.77	42.41 3.76 -9.91	39.52 3.51 -9.44	35.66 3.06 -8.89	31.28 2.80 -7.06	26.55 2.43 -4.00	23.90 2.02 -2.80

SHOREHAM_IC_2 23716	21.09 1.83 0.00	18.97 1.61 0.00	18.78 1.47 0.00	18.60 1.39 0.00	18.80 1.44 0.00	19.40 1.55 0.00	21.98 1.93 0.00	23.06 2.34 -0.17	25.94 2.46 -3.28	25.92 2.43 -3.71	26.50 2.04 -5.88	28.41 2.16 -7.32	28.88 2.21 -7.25	40.36 2.39 -17.73	35.20 2.76 -11.50	38.82 2.88 -14.76	44.69 3.21 -17.70	49.19 3.93 -16.77	42.41 3.76 -9.91	39.52 3.51 -9.44	35.66 3.06 -8.89	31.28 2.80 -7.06	26.55 2.43 -4.00	23.90 2.02 -2.80
SISSONVILLE____ 23735	18.56 -0.69 0.00	16.82 -0.54 0.00	16.77 -0.54 0.00	16.64 -0.57 0.00	16.84 -0.52 0.00	17.35 -0.50 0.00	19.30 -0.76 0.00	19.77 -0.78 0.00	19.35 -0.85 0.00	18.94 -0.83 0.00	17.91 -0.67 0.00	18.24 -0.70 0.00	18.72 -0.70 0.00	19.41 -0.83 0.00	19.95 -0.98 0.00	20.20 -0.97 0.00	22.85 -0.93 0.00	27.35 -1.14 0.00	27.62 -1.12 0.00	25.50 -1.06 0.00	22.67 -1.04 0.00	20.49 -0.92 0.00	19.37 -0.74 0.00	18.62 -0.46 0.00
SITHE_IND_GS1 24169	18.87 -0.38 0.00	17.01 -0.35 0.00	16.92 -0.38 0.00	16.81 -0.40 0.00	16.97 -0.40 0.00	17.46 -0.39 0.00	19.64 -0.42 0.00	20.03 -0.51 0.00	19.65 -0.54 0.00	19.28 -0.49 0.00	18.13 -0.45 0.00	18.48 -0.45 0.00	18.95 -0.47 0.00	19.72 -0.53 0.00	20.37 -0.56 0.00	20.60 -0.57 0.00	23.11 -0.67 0.00	27.63 -0.85 0.00	27.91 -0.83 0.00	25.77 -0.80 0.00	23.05 -0.66 0.00	20.79 -0.62 0.00	19.59 -0.52 0.00	18.65 -0.42 0.00
SITHE_IND_GS2 24170	18.87 -0.38 0.00	17.01 -0.35 0.00	16.92 -0.38 0.00	16.81 -0.40 0.00	16.97 -0.40 0.00	17.46 -0.39 0.00	19.64 -0.42 0.00	20.03 -0.51 0.00	19.65 -0.54 0.00	19.28 -0.49 0.00	18.13 -0.45 0.00	18.48 -0.45 0.00	18.95 -0.47 0.00	19.72 -0.53 0.00	20.37 -0.56 0.00	20.60 -0.57 0.00	23.11 -0.67 0.00	27.63 -0.85 0.00	27.91 -0.83 0.00	25.77 -0.80 0.00	23.05 -0.66 0.00	20.79 -0.62 0.00	19.59 -0.52 0.00	18.65 -0.42 0.00
SITHE_IND_GS3 24171	18.87 -0.38 0.00	17.01 -0.35 0.00	16.92 -0.38 0.00	16.81 -0.40 0.00	16.97 -0.40 0.00	17.46 -0.39 0.00	19.64 -0.42 0.00	20.03 -0.51 0.00	19.65 -0.54 0.00	19.28 -0.49 0.00	18.13 -0.45 0.00	18.48 -0.45 0.00	18.95 -0.47 0.00	19.72 -0.53 0.00	20.37 -0.56 0.00	20.60 -0.57 0.00	23.11 -0.67 0.00	27.63 -0.85 0.00	27.91 -0.83 0.00	25.77 -0.80 0.00	23.05 -0.66 0.00	20.79 -0.62 0.00	19.59 -0.52 0.00	18.65 -0.42 0.00
SITHE_IND_GS4 24172	18.87 -0.38 0.00	17.01 -0.35 0.00	16.92 -0.38 0.00	16.81 -0.40 0.00	16.97 -0.40 0.00	17.46 -0.39 0.00	19.64 -0.42 0.00	20.03 -0.51 0.00	19.65 -0.54 0.00	19.28 -0.49 0.00	18.13 -0.45 0.00	18.48 -0.45 0.00	18.95 -0.47 0.00	19.72 -0.53 0.00	20.37 -0.56 0.00	20.60 -0.57 0.00	23.11 -0.67 0.00	27.63 -0.85 0.00	27.91 -0.83 0.00	25.77 -0.80 0.00	23.05 -0.66 0.00	20.79 -0.62 0.00	19.59 -0.52 0.00	18.65 -0.42 0.00
SITHE____BATAVIA 24024	19.64 0.38 0.00	17.68 0.33 0.00	17.43 0.12 0.00	17.09 -0.12 0.00	17.26 -0.10 0.00	17.83 -0.02 0.00	20.22 0.16 0.00	20.77 0.23 0.00	20.34 0.14 0.00	20.07 0.30 0.00	18.97 0.39 0.00	19.39 0.45 0.00	19.86 0.45 0.00	20.83 0.59 0.00	21.73 0.80 0.00	21.85 0.68 0.00	24.30 0.52 0.00	28.66 0.17 0.00	29.09 0.35 0.00	26.78 0.21 0.00	24.21 0.50 0.00	21.74 0.32 0.00	20.36 0.24 0.00	18.96 -0.11 0.00
SITHE____INDEPEND 23800	18.89 -0.37 0.00	17.01 -0.35 0.00	16.91 -0.40 0.00	16.81 -0.40 0.00	16.96 -0.40 0.00	17.46 -0.39 0.00	19.64 -0.42 0.00	20.03 -0.51 0.00	19.65 -0.55 0.00	19.26 -0.51 0.00	18.13 -0.45 0.00	18.48 -0.45 0.00	18.95 -0.47 0.00	19.72 -0.53 0.00	20.37 -0.57 0.00	20.60 -0.57 0.00	23.11 -0.67 0.00	27.63 -0.85 0.00	27.91 -0.83 0.00	25.77 -0.80 0.00	23.05 -0.66 0.00	20.79 -0.62 0.00	19.59 -0.52 0.00	18.65 -0.42 0.00
SITHE____MASSENA 23902	19.14 -0.11 0.00	17.23 -0.12 0.00	17.17 -0.14 0.00	17.05 -0.16 0.00	17.22 -0.14 0.00	17.74 -0.11 0.00	19.76 -0.30 0.00	20.28 -0.27 0.00	19.87 -0.32 0.00	19.44 -0.34 0.00	18.39 -0.19 0.00	18.73 -0.21 0.00	19.09 -0.33 0.00	19.96 -0.28 0.00	20.50 -0.44 0.00	20.75 -0.42 0.00	23.42 -0.36 0.00	27.97 -0.51 0.00	28.25 -0.49 0.00	26.11 -0.45 0.00	23.26 -0.45 0.00	20.99 -0.43 0.00	19.84 -0.28 0.00	18.96 -0.11 0.00
SITHE____OGDNSBRG 24021	18.97 -0.29 0.00	17.21 -0.14 0.00	17.17 -0.14 0.00	17.04 -0.17 0.00	17.24 -0.12 0.00	17.76 -0.09 0.00	19.78 -0.28 0.00	20.28 -0.27 0.00	19.83 -0.36 0.00	19.42 -0.36 0.00	18.34 -0.24 0.00	18.67 -0.27 0.00	19.18 -0.23 0.00	19.92 -0.32 0.00	20.50 -0.44 0.00	20.75 -0.42 0.00	23.47 -0.31 0.00	28.12 -0.37 0.00	28.40 -0.34 0.00	26.19 -0.37 0.00	23.31 -0.40 0.00	21.01 -0.41 0.00	19.84 -0.28 0.00	19.02 -0.06 0.00
SITHE____STERLING 23777	19.72 0.46 0.00	17.75 0.40 0.00	17.69 0.38 0.00	17.57 0.36 0.00	17.76 0.40 0.00	18.29 0.45 0.00	20.60 0.54 0.00	21.04 0.49 0.00	20.62 0.42 0.00	20.17 0.40 0.00	18.93 0.35 0.00	19.30 0.36 0.00	19.80 0.39 0.00	20.69 0.44 0.00	21.48 0.54 0.00	21.70 0.53 0.00	24.40 0.62 0.00	29.23 0.74 0.00	29.52 0.78 0.00	27.23 0.66 0.00	24.30 0.59 0.00	21.89 0.47 0.00	20.52 0.40 0.00	19.49 0.42 0.00
SLEIGHT__34_KV_TB1 80719	19.78 0.52 0.00	17.73 0.38 0.00	17.57 0.26 0.00	17.45 0.24 0.00	17.66 0.30 0.00	18.19 0.34 0.00	20.58 0.52 0.00	21.10 0.55 0.00	20.68 0.48 0.00	20.29 0.51 0.00	19.10 0.52 0.00	19.53 0.59 0.00	20.00 0.58 0.00	20.87 0.63 0.00	21.69 0.75 0.00	21.94 0.76 0.00	23.85 0.07 0.00	28.34 -0.14 0.00	28.71 -0.03 0.00	26.43 -0.13 0.00	23.76 0.05 0.00	21.35 -0.06 0.00	20.04 -0.08 0.00	18.85 -0.23 0.00
SOUTH CAIRO____GT 23612	20.20 0.94 0.00	18.22 0.87 0.00	18.24 0.93 0.00	18.15 0.95 0.00	18.30 0.94 0.00	18.79 0.95 0.00	21.16 1.10 0.00	21.61 1.07 0.00	21.21 1.01 0.00	20.60 0.83 0.00	19.30 0.72 0.00	19.66 0.72 0.00	20.15 0.74 0.00	21.03 0.79 0.00	21.88 0.94 0.00	22.17 1.00 0.00	25.06 1.28 0.00	30.40 1.91 0.00	30.75 2.01 0.00	28.48 1.91 0.00	25.34 1.63 0.00	22.85 1.43 0.00	21.22 1.11 0.00	20.03 0.95 0.00
SOUTH HAMPTN____IC 23720	21.35 2.10 0.00	19.19 1.84 0.00	19.00 1.70 0.00	18.83 1.62 0.00	19.01 1.65 0.00	19.63 1.78 0.00	22.26 2.21 0.00	23.39 2.67 -0.17	26.28 2.81 -3.28	26.25 2.77 -3.71	26.83 2.38 -5.88	28.75 2.50 -7.31	29.25 2.58 -7.25	40.75 2.77 -17.73	35.62 3.18 -11.50	39.24 3.30 -14.76	45.14 3.66 -17.70	49.75 4.50 -16.77	42.96 4.31 -9.91	40.02 4.01 -9.44	36.11 3.51 -8.89	31.67 3.19 -7.06	26.89 2.78 -4.00	24.16 2.29 -2.80
SOUTHDOW_115KV_TB1 355954	19.97 0.71 0.00	17.86 0.50 0.00	17.41 0.10 0.00	17.29 0.09 0.00	17.47 0.10 0.00	18.12 0.27 0.00	20.50 0.44 0.00	21.14 0.60 0.00	20.72 0.53 0.00	20.49 0.71 0.00	19.40 0.82 0.00	19.85 0.91 0.00	20.31 0.89 0.00	21.34 1.09 0.00	22.26 1.32 0.00	22.42 1.25 0.00	24.99 1.21 0.00	29.31 0.83 0.00	29.60 0.86 0.00	27.23 0.66 0.00	24.66 0.95 0.00	22.10 0.69 0.00	20.62 0.50 0.00	19.13 0.06 0.00

SOUTHOLD_69_KV_BK 2 55809	21.72 2.46 0.00	19.47 2.12 0.00	19.33 2.02 0.00	19.07 1.86 0.00	19.27 1.91 0.00	19.92 2.07 0.00	22.59 2.53 0.00	23.76 3.04 -0.17	26.63 3.15 -3.28	26.59 3.10 -3.71	27.17 2.71 -5.88	29.11 2.86 -7.31	29.56 2.89 -7.25	41.11 3.14 -17.73	36.04 3.60 -11.50	39.60 3.66 -14.76	45.57 4.09 -17.70	50.24 4.99 -16.77	43.53 4.89 -9.91	40.58 4.57 -9.44	36.58 3.98 -8.89	31.96 3.49 -7.06	27.13 3.02 -4.00	24.43 2.56 -2.80
SOUTHOLD____IC 23719	21.66 2.41 0.00	19.47 2.12 0.00	19.26 1.95 0.00	19.07 1.86 0.00	19.27 1.91 0.00	19.92 2.07 0.00	22.59 2.53 0.00	23.74 3.02 -0.17	26.63 3.15 -3.28	26.61 3.12 -3.71	27.17 2.71 -5.88	29.11 2.86 -7.31	29.60 2.93 -7.25	41.13 3.16 -17.73	36.04 3.60 -11.50	39.69 3.75 -14.76	45.66 4.19 -17.70	50.38 5.13 -16.77	43.59 4.95 -9.91	40.58 4.57 -9.44	36.63 4.03 -8.89	32.07 3.60 -7.06	27.23 3.12 -4.00	24.53 2.65 -2.80
SPIERFLS_115KV_TB 1 80737	19.64 0.39 0.00	17.72 0.36 0.00	17.67 0.36 0.00	17.57 0.36 0.00	17.75 0.38 0.00	18.24 0.39 0.00	20.58 0.52 0.00	21.16 0.62 0.00	21.39 1.19 0.00	20.68 0.91 0.00	19.38 0.80 0.00	19.71 0.78 0.00	20.23 0.82 0.00	21.13 0.89 0.00	22.00 1.07 0.00	22.23 1.06 0.00	25.06 1.28 0.00	30.28 1.79 0.00	30.67 1.93 0.00	28.40 1.83 0.00	25.32 1.61 0.00	22.89 1.48 0.00	21.26 1.15 0.00	20.05 0.97 0.00
ST LAWRENCE____ 23600	18.93 -0.33 0.00	17.06 -0.30 0.00	17.01 -0.29 0.00	16.90 -0.31 0.00	17.07 -0.30 0.00	17.56 -0.29 0.00	19.64 -0.42 0.00	20.16 -0.39 0.00	19.79 -0.40 0.00	19.38 -0.40 0.00	18.24 -0.33 0.00	18.60 -0.34 0.00	19.01 -0.41 0.00	19.86 -0.39 0.00	20.41 -0.52 0.00	20.64 -0.53 0.00	23.25 -0.52 0.00	27.83 -0.65 0.00	28.08 -0.66 0.00	25.96 -0.61 0.00	23.14 -0.57 0.00	20.88 -0.53 0.00	19.73 -0.38 0.00	18.77 -0.31 0.00
STATE_CA_115KV_115_LB 55624	19.66 0.40 0.00	17.75 0.40 0.00	17.76 0.45 0.00	17.67 0.46 0.00	17.82 0.45 0.00	18.33 0.48 0.00	20.56 0.50 0.00	21.06 0.51 0.00	20.76 0.57 0.00	20.23 0.45 0.00	19.02 0.45 0.00	19.37 0.44 0.00	19.86 0.45 0.00	20.69 0.45 0.00	21.52 0.59 0.00	21.75 0.57 0.00	24.44 0.67 0.00	29.46 0.97 0.00	29.75 1.01 0.00	27.55 0.98 0.00	24.54 0.83 0.00	22.19 0.77 0.00	20.64 0.52 0.00	19.57 0.50 0.00
STATE_ST_34_KV_LOAD 55959	19.49 0.23 0.00	17.51 0.16 0.00	17.37 0.07 0.00	17.28 0.07 0.00	17.45 0.09 0.00	17.97 0.12 0.00	20.30 0.24 0.00	20.92 0.37 0.00	20.52 0.32 0.00	20.11 0.34 0.00	18.91 0.33 0.00	19.32 0.38 0.00	19.80 0.39 0.00	20.65 0.40 0.00	21.44 0.50 0.00	21.70 0.53 0.00	24.25 0.48 0.00	28.97 0.48 0.00	29.32 0.57 0.00	26.99 0.43 0.00	24.18 0.47 0.00	21.78 0.36 0.00	20.40 0.28 0.00	19.17 0.10 0.00
STATION 5_MISC_HYD 23604	19.37 0.12 0.00	17.41 0.05 0.00	17.20 -0.10 0.00	16.98 -0.22 0.00	17.17 -0.19 0.00	17.70 -0.14 0.00	20.00 -0.06 0.00	20.57 0.02 0.00	20.18 -0.02 0.00	19.85 0.08 0.00	18.74 0.17 0.00	19.15 0.21 0.00	19.63 0.21 0.00	20.53 0.28 0.00	21.36 0.42 0.00	21.49 0.32 0.00	23.99 0.21 0.00	28.43 -0.06 0.00	28.80 0.06 0.00	26.54 -0.03 0.00	23.92 0.21 0.00	21.50 0.09 0.00	20.18 0.06 0.00	18.88 -0.19 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.47 0.21 0.00	17.47 0.12 0.00	17.22 -0.09 0.00	17.12 -0.09 0.00	17.31 -0.05 0.00	17.85 0.00 0.00	20.18 0.12 0.00	20.69 0.14 0.00	20.30 0.10 0.00	19.95 0.18 0.00	18.80 0.22 0.00	19.22 0.28 0.00	19.69 0.27 0.00	20.59 0.34 0.00	21.38 0.44 0.00	21.60 0.42 0.00	24.13 0.36 0.00	28.69 0.20 0.00	29.06 0.32 0.00	26.78 0.21 0.00	24.07 0.36 0.00	21.63 0.21 0.00	20.28 0.16 0.00	19.07 0.00 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	19.28 0.02 0.00	17.30 -0.05 0.00	17.01 -0.29 0.00	16.90 -0.31 0.00	17.09 -0.28 0.00	17.62 -0.23 0.00	19.90 -0.16 0.00	20.47 -0.08 0.00	20.05 -0.14 0.00	19.73 -0.04 0.00	18.63 0.06 0.00	19.03 0.09 0.00	19.49 0.08 0.00	20.40 0.16 0.00	21.19 0.25 0.00	21.36 0.19 0.00	23.87 0.10 0.00	28.32 -0.17 0.00	28.68 -0.06 0.00	26.43 -0.13 0.00	23.80 0.09 0.00	21.39 -0.02 0.00	20.08 -0.04 0.00	18.81 -0.27 0.00
STA_56____34_KV_BUS2 355983	19.28 0.02 0.00	17.30 -0.05 0.00	17.01 -0.29 0.00	16.90 -0.31 0.00	17.09 -0.28 0.00	17.62 -0.23 0.00	19.90 -0.16 0.00	20.47 -0.08 0.00	20.05 -0.14 0.00	19.73 -0.04 0.00	18.63 0.06 0.00	19.03 0.09 0.00	19.49 0.08 0.00	20.40 0.16 0.00	21.19 0.25 0.00	21.36 0.19 0.00	23.87 0.10 0.00	28.32 -0.17 0.00	28.68 -0.06 0.00	26.43 -0.13 0.00	23.80 0.09 0.00	21.39 -0.02 0.00	20.08 -0.04 0.00	18.81 -0.27 0.00
STA_67____115KV_BK2 355882	19.35 0.10 0.00	17.37 0.02 0.00	17.06 -0.24 0.00	16.97 -0.24 0.00	17.14 -0.23 0.00	17.67 -0.18 0.00	19.96 -0.10 0.00	20.53 -0.02 0.00	20.12 -0.08 0.00	19.81 0.04 0.00	18.69 0.11 0.00	19.11 0.17 0.00	19.57 0.16 0.00	20.47 0.22 0.00	21.25 0.31 0.00	21.45 0.28 0.00	23.92 0.14 0.00	28.34 -0.14 0.00	28.74 0.00 0.00	26.49 -0.08 0.00	23.85 0.14 0.00	21.44 0.02 0.00	20.14 0.02 0.00	18.85 -0.23 0.00
STA_7____115KV_9TRANS 80674	19.47 0.21 0.00	17.46 0.10 0.00	17.15 -0.16 0.00	17.05 -0.15 0.00	17.24 -0.12 0.00	17.78 -0.07 0.00	20.08 0.02 0.00	20.67 0.12 0.00	20.28 0.08 0.00	19.95 0.18 0.00	18.84 0.26 0.00	19.26 0.32 0.00	19.73 0.31 0.00	20.65 0.40 0.00	21.44 0.50 0.00	21.62 0.44 0.00	24.13 0.36 0.00	28.60 0.11 0.00	28.97 0.23 0.00	26.70 0.13 0.00	24.07 0.36 0.00	21.61 0.19 0.00	20.28 0.16 0.00	18.96 -0.11 0.00
STA_82____115KV_TB1 80780	19.35 0.10 0.00	17.37 0.02 0.00	17.06 -0.24 0.00	16.97 -0.24 0.00	17.16 -0.21 0.00	17.69 -0.16 0.00	19.98 -0.08 0.00	20.55 0.00 0.00	20.14 -0.06 0.00	19.81 0.04 0.00	18.71 0.13 0.00	19.13 0.19 0.00	19.57 0.16 0.00	20.49 0.24 0.00	21.27 0.33 0.00	21.47 0.30 0.00	23.94 0.17 0.00	28.37 -0.11 0.00	28.74 0.00 0.00	26.49 -0.08 0.00	23.88 0.17 0.00	21.46 0.04 0.00	20.16 0.04 0.00	18.86 -0.21 0.00
STEEL____WIND 323596	19.55 0.29 0.00	17.53 0.17 0.00	17.25 -0.05 0.00	16.95 -0.26 0.00	17.12 -0.24 0.00	17.72 -0.12 0.00	20.02 -0.04 0.00	20.61 0.06 0.00	20.18 -0.02 0.00	19.91 0.14 0.00	18.86 0.28 0.00	19.30 0.36 0.00	19.77 0.35 0.00	20.73 0.49 0.00	21.65 0.71 0.00	21.77 0.59 0.00	24.21 0.43 0.00	28.40 -0.09 0.00	28.74 0.00 0.00	26.46 -0.11 0.00	23.97 0.26 0.00	21.52 0.11 0.00	20.18 0.06 0.00	18.75 -0.32 0.00
STEPHTWN_115KV_BK_2 55603	19.79 0.54 0.00	17.86 0.50 0.00	17.84 0.54 0.00	17.78 0.57 0.00	17.92 0.56 0.00	18.44 0.59 0.00	20.72 0.66 0.00	21.23 0.68 0.00	20.90 0.71 0.00	20.37 0.59 0.00	19.14 0.56 0.00	19.49 0.55 0.00	20.00 0.58 0.00	20.83 0.59 0.00	21.69 0.75 0.00	21.91 0.74 0.00	24.66 0.88 0.00	29.77 1.28 0.00	30.06 1.32 0.00	27.84 1.28 0.00	24.82 1.11 0.00	22.40 0.99 0.00	20.82 0.70 0.00	19.72 0.65 0.00

STEUBEN_REC_LFGE 323667	20.10 0.85 0.00	18.00 0.64 0.00	17.65 0.35 0.00	17.53 0.33 0.00	17.73 0.36 0.00	18.33 0.48 0.00	20.74 0.68 0.00	21.33 0.78 0.00	20.86 0.67 0.00	20.54 0.77 0.00	19.36 0.78 0.00	19.79 0.85 0.00	20.29 0.87 0.00	21.26 1.01 0.00	22.21 1.28 0.00	22.44 1.27 0.00	25.09 1.31 0.00	29.63 1.14 0.00	30.01 1.26 0.00	27.60 1.04 0.00	24.94 1.23 0.00	22.34 0.92 0.00	20.84 0.72 0.00	19.36 0.29 0.00
STONY__BROOK 24151	20.99 1.73 0.00	18.86 1.51 0.00	18.67 1.37 0.00	18.52 1.31 0.00	18.70 1.34 0.00	19.29 1.45 0.00	21.88 1.83 0.00	23.00 2.28 -0.17	25.84 2.36 -3.28	25.84 2.35 -3.71	26.48 2.03 -5.88	28.37 2.12 -7.32	28.86 2.19 -7.25	40.32 2.35 -17.73	35.16 2.72 -11.50	38.75 2.82 -14.77	44.47 3.00 -17.70	48.93 3.68 -16.77	42.12 3.48 -9.91	39.25 3.24 -9.44	35.49 2.89 -8.89	31.19 2.72 -7.06	26.45 2.33 -4.00	23.76 1.89 -2.80
STURGEON_POOL_HYD 23609	20.12 0.87 0.00	18.12 0.76 0.00	18.12 0.81 0.00	17.98 0.77 0.00	18.09 0.73 0.00	18.56 0.71 0.00	20.92 0.86 0.00	21.47 0.92 0.00	21.17 0.97 0.00	20.72 0.95 0.00	19.38 0.80 0.00	19.77 0.83 0.00	20.25 0.83 0.00	21.21 0.97 0.00	22.13 1.19 0.00	22.40 1.23 0.00	25.16 1.38 0.00	30.20 1.71 0.00	30.32 1.58 0.00	28.08 1.51 0.00	24.97 1.26 0.00	22.68 1.26 0.00	21.06 0.95 0.00	19.97 0.90 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.97 0.71 0.00	18.00 0.64 0.00	17.96 0.66 0.00	17.84 0.64 0.00	17.97 0.61 0.00	18.46 0.61 0.00	20.80 0.74 0.00	21.43 0.88 0.00	21.13 0.93 0.00	20.68 0.91 0.00	19.38 0.80 0.00	19.75 0.81 0.00	20.25 0.83 0.00	21.19 0.95 0.00	22.11 1.17 0.00	22.36 1.19 0.00	25.11 1.33 0.00	30.11 1.62 0.00	30.24 1.49 0.00	27.97 1.41 0.00	24.92 1.21 0.00	22.59 1.18 0.00	21.02 0.91 0.00	19.86 0.78 0.00
SWANROAD_115KV_TB1 355699	19.04 -0.21 0.00	17.16 -0.19 0.00	16.72 -0.59 0.00	16.62 -0.59 0.00	16.63 -0.73 0.00	17.31 -0.54 0.00	19.42 -0.64 0.00	19.95 -0.60 0.00	19.53 -0.67 0.00	19.26 -0.51 0.00	18.22 -0.35 0.00	18.65 -0.28 0.00	19.09 -0.33 0.00	20.04 -0.20 0.00	20.85 -0.08 0.00	21.00 -0.17 0.00	23.33 -0.45 0.00	27.35 -1.14 0.00	27.74 -1.01 0.00	25.53 -1.04 0.00	23.16 -0.55 0.00	20.82 -0.60 0.00	19.55 -0.56 0.00	18.20 -0.88 0.00
SYNERGY__BIOGAS 323694	19.64 0.38 0.00	17.68 0.33 0.00	17.43 0.12 0.00	17.09 -0.12 0.00	17.26 -0.10 0.00	17.83 -0.02 0.00	20.22 0.16 0.00	20.77 0.23 0.00	20.34 0.14 0.00	20.07 0.30 0.00	18.97 0.39 0.00	19.39 0.45 0.00	19.86 0.45 0.00	20.83 0.59 0.00	21.73 0.80 0.00	21.85 0.68 0.00	24.30 0.52 0.00	28.66 0.17 0.00	29.09 0.35 0.00	26.78 0.21 0.00	24.21 0.50 0.00	21.74 0.32 0.00	20.36 0.24 0.00	18.96 -0.11 0.00
SYRACUSE__ENERGY_ST1 323597	19.31 0.06 0.00	17.37 0.02 0.00	17.27 -0.03 0.00	17.17 -0.03 0.00	17.35 -0.02 0.00	17.83 -0.02 0.00	20.10 0.04 0.00	20.53 -0.02 0.00	20.14 -0.06 0.00	19.73 -0.04 0.00	18.56 -0.02 0.00	18.96 0.02 0.00	19.42 0.00 0.00	20.24 0.00 0.00	20.96 0.02 0.00	21.22 0.04 0.00	23.78 0.00 0.00	28.43 -0.06 0.00	28.74 0.00 0.00	26.51 -0.05 0.00	23.71 0.00 0.00	21.37 -0.04 0.00	20.08 -0.04 0.00	19.06 -0.02 0.00
SYRACUSE__ENERGY_ST2 323598	19.31 0.06 0.00	17.37 0.02 0.00	17.27 -0.03 0.00	17.17 -0.03 0.00	17.35 -0.02 0.00	17.83 -0.02 0.00	20.10 0.04 0.00	20.53 -0.02 0.00	20.14 -0.06 0.00	19.73 -0.04 0.00	18.56 -0.02 0.00	18.96 0.02 0.00	19.42 0.00 0.00	20.24 0.00 0.00	20.96 0.02 0.00	21.22 0.04 0.00	23.78 0.00 0.00	28.43 -0.06 0.00	28.74 0.00 0.00	26.51 -0.05 0.00	23.71 0.00 0.00	21.37 -0.04 0.00	20.08 -0.04 0.00	19.06 -0.02 0.00
SYRACUSE__POWER 24017	19.28 0.02 0.00	17.32 -0.03 0.00	17.22 -0.09 0.00	17.12 -0.09 0.00	17.29 -0.07 0.00	17.79 -0.05 0.00	20.06 0.00 0.00	20.51 -0.04 0.00	20.12 -0.08 0.00	19.71 -0.06 0.00	18.54 -0.04 0.00	18.92 -0.02 0.00	19.40 -0.02 0.00	20.20 -0.04 0.00	20.94 0.00 0.00	21.19 0.02 0.00	23.75 -0.02 0.00	28.40 -0.09 0.00	28.71 -0.03 0.00	26.49 -0.08 0.00	23.69 -0.02 0.00	21.37 -0.04 0.00	20.06 -0.06 0.00	19.02 -0.06 0.00
TALLMAN__138KV_BK151 55660	20.06 0.81 0.00	18.06 0.71 0.00	18.03 0.73 0.00	17.90 0.69 0.00	18.02 0.66 0.00	18.51 0.66 0.00	20.88 0.82 0.00	21.55 1.01 0.00	21.29 1.09 0.00	20.86 1.09 0.00	19.53 0.95 0.00	19.92 0.98 0.00	20.43 1.01 0.00	21.38 1.13 0.00	22.32 1.38 0.00	22.59 1.42 0.00	25.35 1.57 0.00	30.37 1.88 0.00	30.47 1.72 0.00	28.21 1.65 0.00	25.08 1.38 0.00	22.76 1.35 0.00	21.14 1.03 0.00	19.95 0.88 0.00
TEALLAVE_115KV_TB7 355573	19.22 -0.04 0.00	17.28 -0.07 0.00	17.18 -0.12 0.00	17.07 -0.14 0.00	17.24 -0.12 0.00	17.74 -0.11 0.00	20.00 -0.06 0.00	20.42 -0.12 0.00	20.03 -0.16 0.00	19.65 -0.12 0.00	18.48 -0.09 0.00	18.86 -0.08 0.00	19.34 -0.08 0.00	20.14 -0.10 0.00	20.85 -0.08 0.00	21.09 -0.08 0.00	23.66 -0.12 0.00	28.29 -0.20 0.00	28.57 -0.17 0.00	26.35 -0.21 0.00	23.59 -0.12 0.00	21.27 -0.15 0.00	19.98 -0.14 0.00	18.96 -0.11 0.00
TELGRAPH_34_KV_EAST 80808	19.45 0.19 0.00	17.47 0.12 0.00	17.05 -0.26 0.00	16.93 -0.28 0.00	17.03 -0.33 0.00	17.67 -0.18 0.00	19.90 -0.16 0.00	20.47 -0.08 0.00	20.03 -0.16 0.00	19.77 0.00 0.00	18.71 0.13 0.00	19.13 0.19 0.00	19.57 0.16 0.00	20.55 0.30 0.00	21.40 0.46 0.00	21.55 0.38 0.00	23.97 0.19 0.00	28.17 -0.31 0.00	28.57 -0.17 0.00	26.30 -0.27 0.00	23.83 0.12 0.00	21.37 -0.04 0.00	20.06 -0.06 0.00	18.65 -0.42 0.00
TEMPLE__115KV_TB 2 55572	19.24 -0.02 0.00	17.28 -0.07 0.00	17.18 -0.12 0.00	17.09 -0.12 0.00	17.26 -0.10 0.00	17.74 -0.11 0.00	20.00 -0.06 0.00	20.44 -0.10 0.00	20.05 -0.14 0.00	19.65 -0.12 0.00	18.48 -0.09 0.00	18.86 -0.08 0.00	19.34 -0.08 0.00	20.16 -0.08 0.00	20.87 -0.06 0.00	21.11 -0.06 0.00	23.68 -0.10 0.00	28.29 -0.20 0.00	28.60 -0.14 0.00	26.38 -0.19 0.00	23.61 -0.09 0.00	21.29 -0.13 0.00	20.00 -0.12 0.00	18.98 -0.10 0.00
TIANA____69_KV_BK 1 55817	21.32 2.06 0.00	19.12 1.77 0.00	19.00 1.70 0.00	18.74 1.53 0.00	18.94 1.58 0.00	19.56 1.71 0.00	22.16 2.11 0.00	23.30 2.59 -0.17	26.20 2.73 -3.28	26.15 2.67 -3.71	26.72 2.27 -5.88	28.64 2.39 -7.31	29.07 2.41 -7.25	40.61 2.63 -17.73	35.47 3.04 -11.50	39.01 3.07 -14.76	44.88 3.40 -17.70	49.41 4.16 -16.77	42.70 4.05 -9.91	39.83 3.83 -9.44	35.92 3.32 -8.89	31.41 2.93 -7.06	26.67 2.55 -4.00	23.99 2.12 -2.80
TILDEN__115KV_TB1 80814	19.28 0.02 0.00	17.32 -0.03 0.00	17.22 -0.09 0.00	17.12 -0.09 0.00	17.29 -0.07 0.00	17.79 -0.05 0.00	20.06 0.00 0.00	20.51 -0.04 0.00	20.12 -0.08 0.00	19.71 -0.06 0.00	18.54 -0.04 0.00	18.92 -0.02 0.00	19.40 -0.02 0.00	20.20 -0.04 0.00	20.94 0.00 0.00	21.19 0.02 0.00	23.75 -0.02 0.00	28.40 -0.09 0.00	28.71 -0.03 0.00	26.49 -0.08 0.00	23.69 -0.02 0.00	21.37 -0.04 0.00	20.06 -0.06 0.00	19.02 -0.06 0.00

TRIGEN___CC 323695	20.51 1.25 0.00	18.41 1.06 0.00	18.34 1.04 0.00	18.14 0.93 0.00	18.30 0.94 0.00	18.87 1.02 0.00	21.34 1.28 0.00	22.30 1.58 -0.17	25.13 1.66 -3.28	25.12 1.64 -3.71	25.87 1.41 -5.88	27.69 1.44 -7.31	28.12 1.46 -7.25	39.57 1.60 -17.73	34.32 1.88 -11.50	37.86 1.93 -14.76	43.59 2.12 -17.70	47.82 2.56 -16.77	41.06 2.41 -9.90	38.29 2.28 -9.44	34.54 1.94 -8.89	30.29 1.82 -7.06	25.66 1.55 -3.99	23.19 1.32 -2.80
TRINITY___115KV___4 BK 55933	19.62 0.37 0.00	17.72 0.36 0.00	17.72 0.42 0.00	17.64 0.43 0.00	17.78 0.42 0.00	18.29 0.45 0.00	20.50 0.44 0.00	21.00 0.45 0.00	20.70 0.50 0.00	20.17 0.40 0.00	18.97 0.39 0.00	19.32 0.38 0.00	19.78 0.37 0.00	20.61 0.36 0.00	21.44 0.50 0.00	21.68 0.51 0.00	24.35 0.57 0.00	29.37 0.88 0.00	29.63 0.89 0.00	27.47 0.90 0.00	24.47 0.76 0.00	22.10 0.69 0.00	20.58 0.46 0.00	19.51 0.44 0.00
UNION___PROCESSING_DRP 323587	19.37 0.12 0.00	17.39 0.03 0.00	17.08 -0.22 0.00	16.97 -0.24 0.00	17.16 -0.21 0.00	17.69 -0.16 0.00	19.98 -0.08 0.00	20.55 0.00 0.00	20.16 -0.04 0.00	19.83 0.06 0.00	18.73 0.15 0.00	19.13 0.19 0.00	19.59 0.17 0.00	20.51 0.26 0.00	21.29 0.36 0.00	21.47 0.30 0.00	23.97 0.19 0.00	28.37 -0.11 0.00	28.77 0.03 0.00	26.51 -0.05 0.00	23.90 0.19 0.00	21.48 0.06 0.00	20.16 0.04 0.00	18.86 -0.21 0.00
UPPER HUDSON___HYD 24058	19.62 0.36 0.00	17.72 0.36 0.00	17.65 0.35 0.00	17.57 0.36 0.00	17.75 0.38 0.00	18.24 0.39 0.00	20.58 0.52 0.00	21.16 0.62 0.00	21.39 1.19 0.00	20.70 0.93 0.00	19.38 0.80 0.00	19.72 0.78 0.00	20.25 0.83 0.00	21.13 0.89 0.00	22.00 1.07 0.00	22.23 1.06 0.00	25.06 1.28 0.00	30.28 1.80 0.00	30.67 1.93 0.00	28.40 1.83 0.00	25.32 1.61 0.00	22.89 1.48 0.00	21.26 1.15 0.00	20.05 0.97 0.00
UPPER RAQUET___HYD 24056	18.74 -0.52 0.00	16.82 -0.54 0.00	16.77 -0.54 0.00	16.64 -0.57 0.00	16.84 -0.52 0.00	17.35 -0.50 0.00	19.30 -0.76 0.00	19.77 -0.78 0.00	19.35 -0.85 0.00	18.90 -0.87 0.00	17.91 -0.67 0.00	18.24 -0.70 0.00	18.54 -0.87 0.00	19.41 -0.83 0.00	19.95 -0.98 0.00	20.20 -0.97 0.00	22.85 -0.93 0.00	27.35 -1.14 0.00	27.62 -1.12 0.00	25.50 -1.06 0.00	22.67 -1.04 0.00	20.52 -0.90 0.00	19.37 -0.74 0.00	18.62 -0.46 0.00
VALLEY44_115KV_TB2 355964	19.53 0.27 0.00	17.47 0.12 0.00	17.05 -0.26 0.00	16.93 -0.28 0.00	17.09 -0.28 0.00	17.72 -0.12 0.00	20.02 -0.04 0.00	20.61 0.06 0.00	20.20 0.00 0.00	19.95 0.18 0.00	18.89 0.32 0.00	19.30 0.36 0.00	19.77 0.35 0.00	20.77 0.53 0.00	21.67 0.73 0.00	21.85 0.68 0.00	24.35 0.57 0.00	28.57 0.09 0.00	28.83 0.09 0.00	26.57 0.00 0.00	24.09 0.38 0.00	21.61 0.19 0.00	20.20 0.08 0.00	18.79 -0.29 0.00
VALLEY___115KV_TB 1-4 80826	19.66 0.40 0.00	17.72 0.36 0.00	17.69 0.38 0.00	17.59 0.38 0.00	17.75 0.38 0.00	18.26 0.41 0.00	20.54 0.48 0.00	20.94 0.39 0.00	20.58 0.38 0.00	20.13 0.36 0.00	18.91 0.33 0.00	19.26 0.32 0.00	19.77 0.35 0.00	20.63 0.38 0.00	21.38 0.44 0.00	21.62 0.44 0.00	24.28 0.50 0.00	29.11 0.63 0.00	29.37 0.63 0.00	27.12 0.56 0.00	24.21 0.50 0.00	21.87 0.45 0.00	20.52 0.40 0.00	19.51 0.44 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.24 0.98 0.00	18.22 0.87 0.00	18.21 0.90 0.00	18.10 0.89 0.00	18.30 0.94 0.00	18.83 0.98 0.00	21.18 1.12 0.00	21.80 1.25 0.00	21.37 1.17 0.00	20.88 1.11 0.00	19.58 1.00 0.00	19.96 1.02 0.00	20.48 1.07 0.00	21.48 1.23 0.00	22.42 1.49 0.00	22.66 1.48 0.00	25.47 1.69 0.00	30.59 2.11 0.00	30.87 2.13 0.00	28.43 1.86 0.00	25.35 1.64 0.00	22.83 1.41 0.00	21.28 1.17 0.00	20.10 1.03 0.00
VISCHER___FERRY HYD 24020	19.91 0.66 0.00	18.00 0.64 0.00	17.96 0.66 0.00	17.90 0.69 0.00	18.04 0.68 0.00	18.54 0.70 0.00	20.84 0.78 0.00	21.31 0.76 0.00	21.04 0.85 0.00	20.51 0.73 0.00	19.23 0.65 0.00	19.58 0.64 0.00	20.10 0.68 0.00	20.93 0.69 0.00	21.78 0.84 0.00	22.02 0.85 0.00	24.73 0.95 0.00	29.85 1.37 0.00	30.15 1.41 0.00	27.95 1.38 0.00	24.89 1.18 0.00	22.51 1.09 0.00	20.96 0.84 0.00	19.86 0.78 0.00
V_A_10_SYNC_DSASP 323832	19.12 -0.13 0.00	17.18 -0.17 0.00	16.96 -0.35 0.00	16.71 -0.50 0.00	16.88 -0.49 0.00	17.42 -0.43 0.00	19.64 -0.42 0.00	20.22 -0.33 0.00	19.79 -0.40 0.00	19.50 -0.28 0.00	18.43 -0.15 0.00	18.84 -0.09 0.00	19.30 -0.12 0.00	20.20 -0.04 0.00	21.06 0.13 0.00	21.17 0.00 0.00	23.56 -0.21 0.00	27.75 -0.74 0.00	28.11 -0.63 0.00	25.90 -0.66 0.00	23.43 -0.28 0.00	21.09 -0.32 0.00	19.82 -0.30 0.00	18.46 -0.61 0.00
V_CMM_10_SYNC_DSASP 323787	19.00 -0.25 0.00	17.11 -0.24 0.00	17.06 -0.24 0.00	16.95 -0.26 0.00	17.12 -0.24 0.00	17.62 -0.23 0.00	19.72 -0.34 0.00	20.22 -0.33 0.00	19.85 -0.34 0.00	19.44 -0.34 0.00	18.30 -0.28 0.00	18.65 -0.28 0.00	19.07 -0.35 0.00	19.92 -0.32 0.00	20.48 -0.46 0.00	20.71 -0.47 0.00	23.35 -0.43 0.00	27.92 -0.57 0.00	28.19 -0.55 0.00	26.04 -0.53 0.00	23.21 -0.50 0.00	20.94 -0.47 0.00	19.80 -0.32 0.00	18.83 -0.25 0.00
V_CMP_10_SYNC_DSASP 323788	19.45 0.19 0.00	17.51 0.16 0.00	17.46 0.16 0.00	17.31 0.10 0.00	17.47 0.10 0.00	18.01 0.16 0.00	20.16 0.10 0.00	20.81 0.27 0.00	20.46 0.26 0.00	20.03 0.26 0.00	18.86 0.28 0.00	19.20 0.27 0.00	19.67 0.25 0.00	20.59 0.34 0.00	21.15 0.21 0.00	21.41 0.23 0.00	24.18 0.40 0.00	28.86 0.37 0.00	29.14 0.40 0.00	26.91 0.34 0.00	23.97 0.26 0.00	21.59 0.17 0.00	20.38 0.26 0.00	19.25 0.17 0.00
V_E_10_SYNC_DSASP 323830	20.70 1.44 0.00	18.64 1.28 0.00	18.53 1.23 0.00	18.38 1.17 0.00	18.65 1.28 0.00	19.29 1.45 0.00	21.76 1.70 0.00	22.31 1.77 0.00	21.71 1.52 0.00	21.18 1.40 0.00	19.82 1.24 0.00	20.19 1.25 0.00	20.77 1.36 0.00	21.80 1.56 0.00	22.82 1.89 0.00	23.14 1.97 0.00	26.11 2.33 0.00	31.39 2.91 0.00	31.82 3.08 0.00	29.25 2.68 0.00	26.10 2.39 0.00	23.38 1.97 0.00	21.81 1.69 0.00	20.54 1.47 0.00
V_F_30_NSYNC___DSASP 323816	20.03 0.77 0.00	18.08 0.73 0.00	18.03 0.73 0.00	17.95 0.74 0.00	18.11 0.75 0.00	18.62 0.77 0.00	20.96 0.90 0.00	21.49 0.95 0.00	21.33 1.13 0.00	20.74 0.97 0.00	19.43 0.86 0.00	19.79 0.85 0.00	20.33 0.91 0.00	21.19 0.95 0.00	22.05 1.11 0.00	22.29 1.12 0.00	25.09 1.31 0.00	30.28 1.80 0.00	30.61 1.87 0.00	28.37 1.81 0.00	25.30 1.59 0.00	22.83 1.41 0.00	21.24 1.13 0.00	20.07 0.99 0.00
V_F_30_SYNC_DSASP 323786	19.66 0.40 0.00	17.75 0.40 0.00	17.76 0.45 0.00	17.67 0.46 0.00	17.82 0.45 0.00	18.33 0.48 0.00	20.56 0.50 0.00	21.06 0.51 0.00	20.76 0.57 0.00	20.23 0.45 0.00	19.02 0.45 0.00	19.35 0.42 0.00	19.86 0.45 0.00	20.69 0.45 0.00	21.52 0.59 0.00	21.75 0.57 0.00	24.44 0.67 0.00	29.46 0.97 0.00	29.75 1.01 0.00	27.55 0.98 0.00	24.54 0.83 0.00	22.19 0.77 0.00	20.64 0.52 0.00	19.57 0.50 0.00

V_XM10_SYNC_DSASP 323789	19.45 0.19 0.00	17.51 0.16 0.00	17.46 0.16 0.00	17.31 0.10 0.00	17.47 0.10 0.00	18.01 0.16 0.00	20.16 0.10 0.00	20.81 0.27 0.00	20.46 0.26 0.00	20.03 0.26 0.00	18.86 0.28 0.00	19.20 0.27 0.00	19.67 0.25 0.00	20.59 0.34 0.00	21.15 0.21 0.00	21.41 0.23 0.00	24.18 0.40 0.00	28.86 0.37 0.00	29.14 0.40 0.00	26.91 0.34 0.00	23.97 0.26 0.00	21.59 0.17 0.00	20.38 0.26 0.00	19.25 0.17 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.12 0.87 0.00	18.12 0.76 0.00	18.08 0.78 0.00	17.95 0.74 0.00	18.08 0.71 0.00	18.56 0.71 0.00	20.94 0.88 0.00	21.62 1.07 0.00	21.35 1.15 0.00	20.90 1.13 0.00	19.58 1.00 0.00	19.98 1.04 0.00	20.48 1.07 0.00	21.44 1.19 0.00	22.38 1.44 0.00	22.63 1.46 0.00	25.42 1.64 0.00	30.45 1.97 0.00	30.55 1.81 0.00	28.29 1.73 0.00	25.16 1.45 0.00	22.83 1.41 0.00	21.20 1.09 0.00	20.01 0.93 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.20 0.94 0.00	18.19 0.83 0.00	18.17 0.87 0.00	18.03 0.83 0.00	18.15 0.78 0.00	18.62 0.77 0.00	21.02 0.96 0.00	21.80 1.25 0.00	21.55 1.35 0.00	21.14 1.36 0.00	19.77 1.19 0.00	20.17 1.23 0.00	20.70 1.28 0.00	21.66 1.42 0.00	22.61 1.67 0.00	22.89 1.72 0.00	25.68 1.90 0.00	30.77 2.28 0.00	30.78 2.04 0.00	28.51 1.94 0.00	25.30 1.59 0.00	22.94 1.52 0.00	21.34 1.23 0.00	20.12 1.05 0.00
W50THST__13_KV_LOAD 356117	20.28 1.02 0.00	18.26 0.90 0.00	18.26 0.95 0.00	18.10 0.89 0.00	18.21 0.85 0.00	18.69 0.84 0.00	21.10 1.04 0.00	21.90 1.36 0.00	21.67 1.47 0.00	21.26 1.48 0.00	19.88 1.30 0.00	20.28 1.34 0.00	20.81 1.40 0.00	21.78 1.54 0.00	22.76 1.82 0.00	23.02 1.84 0.00	25.82 2.04 0.00	30.94 2.45 0.00	30.96 2.21 0.00	28.67 2.10 0.00	25.39 1.68 0.00	23.04 1.63 0.00	21.43 1.31 0.00	20.20 1.13 0.00
WADING RIVER_IC_1 23522	21.09 1.83 0.00	18.97 1.61 0.00	18.78 1.47 0.00	18.60 1.39 0.00	18.80 1.44 0.00	19.40 1.55 0.00	21.98 1.93 0.00	23.08 2.36 -0.17	25.96 2.48 -3.28	25.94 2.45 -3.71	26.52 2.06 -5.88	28.43 2.18 -7.31	28.90 2.23 -7.25	40.38 2.41 -17.73	35.22 2.78 -11.50	38.84 2.90 -14.76	44.66 3.19 -17.70	49.19 3.93 -16.77	42.41 3.76 -9.91	39.49 3.48 -9.44	35.66 3.06 -8.89	31.28 2.80 -7.06	26.55 2.43 -4.00	23.90 2.02 -2.80
WADING RIVER_IC_2 23547	21.09 1.83 0.00	18.97 1.61 0.00	18.78 1.47 0.00	18.60 1.39 0.00	18.80 1.44 0.00	19.40 1.55 0.00	21.98 1.93 0.00	23.08 2.36 -0.17	25.96 2.48 -3.28	25.94 2.45 -3.71	26.52 2.06 -5.88	28.43 2.18 -7.31	28.90 2.23 -7.25	40.38 2.41 -17.73	35.22 2.78 -11.50	38.84 2.90 -14.76	44.66 3.19 -17.70	49.19 3.93 -16.77	42.41 3.76 -9.91	39.49 3.48 -9.44	35.66 3.06 -8.89	31.28 2.80 -7.06	26.55 2.43 -4.00	23.90 2.02 -2.80
WADING RIVER_IC_3 23601	21.09 1.83 0.00	18.97 1.61 0.00	18.78 1.47 0.00	18.60 1.39 0.00	18.80 1.44 0.00	19.40 1.55 0.00	21.98 1.93 0.00	23.08 2.36 -0.17	25.96 2.48 -3.28	25.94 2.45 -3.71	26.52 2.06 -5.88	28.43 2.18 -7.31	28.90 2.23 -7.25	40.38 2.41 -17.73	35.22 2.78 -11.50	38.84 2.90 -14.76	44.66 3.19 -17.70	49.19 3.93 -16.77	42.41 3.76 -9.91	39.49 3.48 -9.44	35.66 3.06 -8.89	31.28 2.80 -7.06	26.55 2.43 -4.00	23.90 2.02 -2.80
WALDENNY_12_KV_BK2 80841	19.56 0.31 0.00	17.53 0.17 0.00	17.08 -0.22 0.00	16.97 -0.24 0.00	17.10 -0.26 0.00	17.72 -0.12 0.00	20.00 -0.06 0.00	20.59 0.04 0.00	20.16 -0.04 0.00	19.89 0.12 0.00	18.84 0.26 0.00	19.28 0.34 0.00	19.75 0.33 0.00	20.73 0.49 0.00	21.61 0.67 0.00	21.75 0.57 0.00	24.18 0.40 0.00	28.40 -0.09 0.00	28.74 0.00 0.00	26.43 -0.13 0.00	23.97 0.26 0.00	21.50 0.09 0.00	20.16 0.04 0.00	18.73 -0.34 0.00
WALDEN__HYDRO 24148	20.05 0.79 0.00	18.06 0.71 0.00	18.00 0.69 0.00	17.93 0.72 0.00	18.04 0.68 0.00	18.53 0.68 0.00	20.90 0.84 0.00	21.51 0.97 0.00	21.21 1.01 0.00	20.76 0.99 0.00	19.43 0.86 0.00	19.81 0.87 0.00	20.35 0.93 0.00	21.25 1.01 0.00	22.17 1.23 0.00	22.44 1.27 0.00	25.20 1.43 0.00	30.28 1.80 0.00	30.44 1.70 0.00	28.19 1.62 0.00	25.08 1.37 0.00	22.74 1.33 0.00	21.12 1.01 0.00	19.95 0.88 0.00
WARRENSBURG____ 23737	19.62 0.36 0.00	17.72 0.36 0.00	17.65 0.35 0.00	17.57 0.36 0.00	17.75 0.38 0.00	18.24 0.39 0.00	20.58 0.52 0.00	21.16 0.62 0.00	21.39 1.19 0.00	20.70 0.93 0.00	19.38 0.80 0.00	19.72 0.78 0.00	20.25 0.83 0.00	21.13 0.89 0.00	22.00 1.07 0.00	22.23 1.06 0.00	25.06 1.28 0.00	30.28 1.80 0.00	30.67 1.93 0.00	28.40 1.83 0.00	25.32 1.61 0.00	22.89 1.48 0.00	21.26 1.15 0.00	20.05 0.97 0.00
WATERSIDE____6 8 9 23538	20.16 0.91 0.00	18.15 0.80 0.00	18.15 0.85 0.00	18.00 0.79 0.00	18.09 0.73 0.00	18.53 0.68 0.00	20.88 0.82 0.00	21.70 1.15 0.00	21.49 1.29 0.00	21.08 1.31 0.00	19.71 1.13 0.00	20.11 1.17 0.00	20.64 1.22 0.00	21.60 1.36 0.00	22.57 1.63 0.00	22.85 1.67 0.00	25.63 1.85 0.00	30.71 2.22 0.00	30.75 2.01 0.00	28.45 1.89 0.00	25.18 1.47 0.00	22.85 1.43 0.00	21.24 1.13 0.00	20.07 0.99 0.00
WATKINRD_115KV_LN8_ILLION 55919	19.56 0.31 0.00	17.63 0.28 0.00	17.60 0.29 0.00	17.50 0.29 0.00	17.66 0.30 0.00	18.15 0.30 0.00	20.42 0.36 0.00	20.86 0.31 0.00	20.48 0.28 0.00	20.05 0.28 0.00	18.82 0.24 0.00	19.18 0.25 0.00	19.67 0.25 0.00	20.53 0.28 0.00	21.27 0.33 0.00	21.51 0.34 0.00	24.16 0.38 0.00	28.97 0.48 0.00	29.23 0.49 0.00	27.02 0.45 0.00	24.09 0.38 0.00	21.78 0.36 0.00	20.42 0.30 0.00	19.40 0.32 0.00
WATSON__69_KV_BK 1 55734	21.16 1.91 0.00	18.97 1.61 0.00	18.85 1.54 0.00	18.60 1.39 0.00	18.80 1.44 0.00	19.40 1.55 0.00	22.00 1.95 0.00	23.06 2.34 -0.17	25.88 2.40 -3.28	25.86 2.37 -3.71	26.52 2.06 -5.88	28.41 2.16 -7.32	28.84 2.17 -7.25	40.36 2.39 -17.73	35.18 2.74 -11.50	38.75 2.82 -14.76	44.59 3.11 -17.70	49.04 3.79 -16.77	42.30 3.65 -9.91	39.46 3.45 -9.44	35.59 2.99 -8.89	31.15 2.68 -7.06	26.43 2.31 -4.00	23.82 1.95 -2.80
WDELAWARE__HYD 323627	20.22 0.96 0.00	18.22 0.87 0.00	18.15 0.85 0.00	18.07 0.86 0.00	18.20 0.83 0.00	18.67 0.82 0.00	21.08 1.02 0.00	21.57 1.03 0.00	21.23 1.03 0.00	20.78 1.01 0.00	19.43 0.86 0.00	19.83 0.89 0.00	20.35 0.93 0.00	21.27 1.03 0.00	22.19 1.26 0.00	22.49 1.31 0.00	25.30 1.52 0.00	30.37 1.88 0.00	30.52 1.78 0.00	28.21 1.65 0.00	25.11 1.40 0.00	22.77 1.35 0.00	21.16 1.05 0.00	20.10 1.03 0.00
WEST BABYLON__IC 23714	21.03 1.77 0.00	18.85 1.49 0.00	18.74 1.44 0.00	18.52 1.31 0.00	18.70 1.34 0.00	19.29 1.45 0.00	21.86 1.81 0.00	22.91 2.20 -0.17	25.74 2.26 -3.28	25.72 2.23 -3.71	26.41 1.95 -5.88	28.26 2.01 -7.32	28.68 2.02 -7.25	40.20 2.23 -17.73	35.01 2.58 -11.50	38.58 2.65 -14.76	44.40 2.92 -17.70	48.79 3.53 -16.77	42.04 3.39 -9.91	39.20 3.19 -9.44	35.37 2.77 -8.89	30.98 2.51 -7.06	26.29 2.17 -4.00	23.71 1.83 -2.80



WEST CANADA___HYD 24049	19.33 0.08 0.00	17.42 0.07 0.00	17.38 0.07 0.00	17.29 0.09 0.00	17.45 0.09 0.00	17.94 0.09 0.00	20.16 0.10 0.00	20.63 0.08 0.00	20.30 0.10 0.00	19.85 0.08 0.00	18.65 0.07 0.00	19.00 0.06 0.00	19.49 0.08 0.00	20.32 0.08 0.00	21.04 0.11 0.00	21.28 0.11 0.00	23.90 0.12 0.00	28.66 0.17 0.00	28.92 0.17 0.00	26.73 0.16 0.00	23.83 0.12 0.00	21.54 0.13 0.00	20.20 0.08 0.00	19.15 0.08 0.00
WESTERN_NY_WIND 24143	19.62 0.36 0.00	17.67 0.31 0.00	17.41 0.10 0.00	17.05 -0.16 0.00	17.24 -0.12 0.00	17.81 -0.04 0.00	20.20 0.14 0.00	20.75 0.21 0.00	20.32 0.12 0.00	20.03 0.26 0.00	18.95 0.37 0.00	19.37 0.44 0.00	19.84 0.43 0.00	20.81 0.57 0.00	21.71 0.78 0.00	21.83 0.66 0.00	24.28 0.50 0.00	28.63 0.14 0.00	29.03 0.29 0.00	26.75 0.19 0.00	24.18 0.47 0.00	21.69 0.28 0.00	20.34 0.22 0.00	18.92 -0.15 0.00
WESTOVER___LESR 323668	19.58 0.33 0.00	17.60 0.24 0.00	17.46 0.16 0.00	17.35 0.14 0.00	17.52 0.16 0.00	18.04 0.20 0.00	20.32 0.26 0.00	20.83 0.29 0.00	20.44 0.24 0.00	20.07 0.30 0.00	18.88 0.30 0.00	19.26 0.32 0.00	19.75 0.33 0.00	20.65 0.40 0.00	21.48 0.54 0.00	21.72 0.55 0.00	24.33 0.55 0.00	28.97 0.48 0.00	29.23 0.49 0.00	26.99 0.43 0.00	24.21 0.50 0.00	21.82 0.41 0.00	20.42 0.30 0.00	19.23 0.15 0.00
WETHRSFD_WT_PWR 323626	19.53 0.27 0.00	17.53 0.17 0.00	17.29 -0.02 0.00	17.02 -0.19 0.00	17.19 -0.17 0.00	17.76 -0.09 0.00	20.06 0.00 0.00	20.65 0.10 0.00	20.22 0.02 0.00	19.93 0.16 0.00	18.84 0.26 0.00	19.26 0.32 0.00	19.77 0.35 0.00	20.69 0.44 0.00	21.61 0.67 0.00	21.77 0.59 0.00	24.25 0.48 0.00	28.52 0.03 0.00	28.86 0.12 0.00	26.57 0.00 0.00	24.04 0.33 0.00	21.61 0.19 0.00	20.20 0.08 0.00	18.75 -0.32 0.00
WHAVSTOR_138KV_BK127 55557	20.05 0.79 0.00	18.06 0.71 0.00	18.03 0.73 0.00	17.90 0.69 0.00	18.02 0.66 0.00	18.51 0.66 0.00	20.88 0.82 0.00	21.55 1.01 0.00	21.29 1.09 0.00	20.84 1.07 0.00	19.53 0.95 0.00	19.92 0.98 0.00	20.43 1.01 0.00	21.38 1.13 0.00	22.32 1.38 0.00	22.57 1.40 0.00	25.32 1.55 0.00	30.34 1.85 0.00	30.44 1.70 0.00	28.19 1.62 0.00	25.08 1.38 0.00	22.74 1.33 0.00	21.12 1.01 0.00	19.95 0.88 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.05 0.79 0.00	18.06 0.71 0.00	18.03 0.73 0.00	17.90 0.69 0.00	18.02 0.66 0.00	18.51 0.66 0.00	20.88 0.82 0.00	21.55 1.01 0.00	21.29 1.09 0.00	20.84 1.07 0.00	19.53 0.95 0.00	19.92 0.98 0.00	20.43 1.01 0.00	21.38 1.13 0.00	22.32 1.38 0.00	22.57 1.40 0.00	25.32 1.55 0.00	30.34 1.85 0.00	30.44 1.70 0.00	28.19 1.62 0.00	25.08 1.38 0.00	22.74 1.33 0.00	21.12 1.01 0.00	19.95 0.88 0.00
WHITEHAL_115KV_TB1 80871	20.14 0.89 0.00	18.15 0.80 0.00	18.08 0.78 0.00	17.97 0.76 0.00	18.16 0.80 0.00	18.69 0.84 0.00	21.14 1.08 0.00	21.76 1.21 0.00	21.91 1.72 0.00	21.18 1.40 0.00	19.82 1.24 0.00	20.17 1.23 0.00	20.64 1.22 0.00	21.58 1.34 0.00	22.51 1.57 0.00	22.74 1.57 0.00	25.68 1.90 0.00	31.11 2.62 0.00	31.56 2.82 0.00	29.17 2.60 0.00	26.10 2.39 0.00	23.51 2.10 0.00	21.77 1.65 0.00	20.47 1.39 0.00
WHITEPLN_13_KV_LOAD 356215	20.30 1.04 0.00	18.27 0.92 0.00	18.26 0.95 0.00	18.10 0.89 0.00	18.23 0.87 0.00	18.71 0.86 0.00	21.14 1.08 0.00	21.82 1.27 0.00	21.55 1.35 0.00	21.12 1.34 0.00	19.77 1.19 0.00	20.17 1.23 0.00	20.68 1.26 0.00	21.62 1.38 0.00	22.59 1.65 0.00	22.85 1.67 0.00	25.63 1.85 0.00	30.74 2.25 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.37 1.66 0.00	23.02 1.61 0.00	21.39 1.27 0.00	20.22 1.14 0.00
WM_FLOYD_69_KV_BK2 356380	21.12 1.87 0.00	18.95 1.60 0.00	18.83 1.52 0.00	18.58 1.38 0.00	18.79 1.42 0.00	19.38 1.53 0.00	21.96 1.91 0.00	23.04 2.32 -0.17	25.88 2.40 -3.28	25.84 2.35 -3.71	26.46 2.01 -5.88	28.36 2.10 -7.31	28.76 2.10 -7.25	40.28 2.31 -17.73	35.07 2.64 -11.50	38.65 2.71 -14.76	44.47 3.00 -17.70	48.93 3.67 -16.77	42.24 3.59 -9.91	39.41 3.40 -9.44	35.54 2.94 -8.89	31.09 2.61 -7.06	26.37 2.25 -4.00	23.76 1.89 -2.80
WOODARD__115KV_TB2 355635	19.18 -0.08 0.00	17.25 -0.10 0.00	17.15 -0.16 0.00	17.05 -0.15 0.00	17.22 -0.14 0.00	17.71 -0.14 0.00	19.96 -0.10 0.00	20.38 -0.16 0.00	19.99 -0.20 0.00	19.60 -0.18 0.00	18.43 -0.15 0.00	18.81 -0.13 0.00	19.28 -0.14 0.00	20.08 -0.16 0.00	20.79 -0.15 0.00	21.05 -0.13 0.00	23.59 -0.19 0.00	28.20 -0.28 0.00	28.48 -0.26 0.00	26.30 -0.27 0.00	23.52 -0.19 0.00	21.22 -0.19 0.00	19.94 -0.18 0.00	18.92 -0.15 0.00
YORK___WARBASSE 23770	20.30 1.04 0.00	18.22 0.87 0.00	18.24 0.93 0.00	18.07 0.86 0.00	18.16 0.80 0.00	18.47 0.62 0.00	20.78 0.72 0.00	21.62 1.07 0.00	21.43 1.23 0.00	21.06 1.29 0.00	19.67 1.10 0.00	20.09 1.16 0.00	20.62 1.20 0.00	21.60 1.36 0.00	22.61 1.67 0.00	22.89 1.72 0.00	25.70 1.93 0.00	30.85 2.36 0.00	30.87 2.13 0.00	28.56 1.99 0.00	25.13 1.42 0.00	22.83 1.41 0.00	21.26 1.15 0.00	20.10 1.03 0.00