

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/01/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	19.97	19.14	18.47	18.39	18.84	21.25	26.05	30.56	31.19	28.94	27.93	27.81	26.90	26.31	25.22	24.93	26.44	30.25	31.95	32.50	32.17	27.87	24.63	22.55
24138	0.84	0.77	0.73	0.71	0.65	0.60	0.86	1.26	1.46	1.53	1.43	1.47	1.64	1.63	1.58	1.50	1.52	1.79	1.81	2.04	1.91	1.20	1.13	0.81
	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	20.01	19.18	18.51	18.42	18.87	21.29	26.08	30.45	31.19	28.94	27.93	27.86	26.87	26.26	25.22	24.93	26.47	30.31	32.07	32.50	31.83	27.79	24.66	22.60
24260	0.88	0.81	0.76	0.74	0.69	0.64	0.88	1.14	1.46	1.53	1.43	1.53	1.62	1.58	1.58	1.50	1.55	1.85	1.93	2.04	1.57	1.12	1.15	0.85
	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	20.01	19.18	18.51	18.42	18.87	21.29	26.08	30.45	31.19	28.94	27.93	27.86	26.87	26.26	25.22	24.93	26.47	30.31	32.07	32.50	31.83	27.79	24.66	22.60
24261	0.88	0.81	0.76	0.74	0.69	0.64	0.88	1.14	1.46	1.53	1.43	1.53	1.62	1.58	1.58	1.50	1.55	1.85	1.93	2.04	1.57	1.12	1.15	0.85
	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	19.74	18.90	18.27	18.23	18.78	21.36	26.15	30.36	30.84	28.31	27.40	27.20	26.09	25.45	24.37	24.14	25.70	29.31	31.20	31.65	31.32	27.50	24.21	22.31
24011	0.61	0.53	0.53	0.55	0.60	0.70	0.96	1.05	1.10	0.90	0.90	0.87	0.83	0.77	0.73	0.70	0.77	0.85	1.05	1.19	1.06	0.83	0.71	0.57
	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	19.80	18.96	18.33	18.28	18.85	21.46	26.30	30.62	31.01	28.48	27.56	27.36	26.24	25.60	24.49	24.25	25.82	29.45	31.32	31.83	31.68	27.66	24.31	22.40
23798	0.67	0.59	0.58	0.60	0.67	0.80	1.11	1.32	1.28	1.07	1.06	1.03	0.98	0.91	0.85	0.82	0.90	1.00	1.17	1.37	1.42	0.99	0.80	0.65
	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	19.74	18.90	18.27	18.23	18.78	21.36	26.15	30.36	30.84	28.31</														

ALBANY___2 23572	19.67 0.54 0.00	18.86 0.50 0.00	18.22 0.48 0.00	18.15 0.48 0.00	18.67 0.49 0.00	21.19 0.54 0.00	25.82 0.63 0.00	29.98 0.67 0.00	30.51 0.77 0.00	28.04 0.63 0.00	27.13 0.64 0.00	26.96 0.63 0.00	25.89 0.63 0.00	25.30 0.62 0.00	24.28 0.64 0.00	24.06 0.63 0.00	25.60 0.67 0.00	29.20 0.74 0.00	30.96 0.81 0.00	31.46 1.01 0.00	31.05 0.79 0.00	27.31 0.64 0.00	24.09 0.59 0.00	22.29 0.54 0.00
ALBANY___3 23573	19.67 0.54 0.00	18.86 0.50 0.00	18.22 0.48 0.00	18.15 0.48 0.00	18.67 0.49 0.00	21.19 0.54 0.00	25.82 0.63 0.00	29.98 0.67 0.00	30.51 0.77 0.00	28.04 0.63 0.00	27.13 0.64 0.00	26.96 0.63 0.00	25.89 0.63 0.00	25.30 0.62 0.00	24.28 0.64 0.00	24.06 0.63 0.00	25.60 0.67 0.00	29.20 0.74 0.00	30.96 0.81 0.00	31.46 1.01 0.00	31.05 0.79 0.00	27.31 0.64 0.00	24.09 0.59 0.00	22.29 0.54 0.00
ALBANY___4 23574	19.67 0.54 0.00	18.86 0.50 0.00	18.22 0.48 0.00	18.15 0.48 0.00	18.67 0.49 0.00	21.19 0.54 0.00	25.82 0.63 0.00	29.98 0.67 0.00	30.51 0.77 0.00	28.04 0.63 0.00	27.13 0.64 0.00	26.96 0.63 0.00	25.89 0.63 0.00	25.30 0.62 0.00	24.28 0.64 0.00	24.06 0.63 0.00	25.60 0.67 0.00	29.20 0.74 0.00	30.96 0.81 0.00	31.46 1.01 0.00	31.05 0.79 0.00	27.31 0.64 0.00	24.09 0.59 0.00	22.29 0.54 0.00
ALBANY___LFGE 323615	19.78 0.65 0.00	18.97 0.61 0.00	18.33 0.58 0.00	18.26 0.58 0.00	18.80 0.62 0.00	21.31 0.66 0.00	26.00 0.81 0.00	30.30 1.00 0.00	30.72 0.98 0.00	28.26 0.85 0.00	27.35 0.85 0.00	27.18 0.84 0.00	26.09 0.83 0.00	25.52 0.84 0.00	24.44 0.80 0.00	24.23 0.80 0.00	25.77 0.85 0.00	29.37 0.91 0.00	31.14 0.99 0.00	31.71 1.25 0.00	31.47 1.21 0.00	27.52 0.85 0.00	24.24 0.73 0.00	22.40 0.65 0.00
ALCOA_PA_115KV_PL-6C 55860	19.11 -0.02 0.00	18.33 -0.04 0.00	17.71 -0.04 0.00	17.66 -0.02 0.00	18.18 0.00 0.00	20.72 0.06 0.00	25.14 -0.05 0.00	29.54 0.23 0.00	29.83 0.09 0.00	27.49 0.08 0.00	26.58 0.08 0.00	26.39 0.05 0.00	25.26 0.00 0.00	24.68 0.00 0.00	23.64 0.00 0.00	23.43 0.00 0.00	24.97 0.05 0.00	28.57 0.11 0.00	30.11 -0.03 0.00	30.15 -0.30 0.00	30.29 0.03 0.00	26.72 0.05 0.00	23.51 0.00 0.00	21.73 -0.02 0.00
ALCOA_RYNLDS___DRP 24188	19.11 -0.02 0.00	18.33 -0.04 0.00	17.71 -0.04 0.00	17.66 -0.02 0.00	18.18 0.00 0.00	20.72 0.06 0.00	25.14 -0.05 0.00	29.54 0.23 0.00	29.83 0.09 0.00	27.49 0.08 0.00	26.58 0.08 0.00	26.39 0.05 0.00	25.26 0.00 0.00	24.68 0.00 0.00	23.64 0.00 0.00	23.43 0.00 0.00	24.97 0.05 0.00	28.57 0.11 0.00	30.11 -0.03 0.00	30.15 -0.30 0.00	30.29 0.03 0.00	26.72 0.05 0.00	23.51 0.00 0.00	21.73 -0.02 0.00
ALCOA___DSASP 323711	19.11 -0.02 0.00	18.33 -0.04 0.00	17.71 -0.04 0.00	17.66 -0.02 0.00	18.18 0.00 0.00	20.72 0.06 0.00	25.14 -0.05 0.00	29.42 0.12 0.00	29.83 0.09 0.00	27.49 0.08 0.00	26.58 0.08 0.00	26.39 0.05 0.00	25.26 0.00 0.00	24.66 -0.02 0.00	23.62 -0.02 0.00	23.46 0.02 0.00	24.97 0.05 0.00	28.57 0.11 0.00	30.17 0.03 0.00	30.18 -0.27 0.00	29.96 -0.30 0.00	26.72 0.05 0.00	23.51 0.00 0.00	21.73 -0.02 0.00
ALLEGHENY___COGEN 23514	20.01 0.88 0.00	19.20 0.83 0.00	18.50 0.76 0.00	18.44 0.76 0.00	19.04 0.85 0.00	21.83 1.18 0.00	26.70 1.51 0.00	30.80 1.49 0.00	30.98 1.25 0.00	28.07 0.66 0.00	26.87 0.37 0.00	26.70 0.37 0.00	25.46 0.20 0.00	24.78 0.10 0.00	23.71 0.07 0.00	23.60 0.17 0.00	25.07 0.15 0.00	28.63 0.17 0.00	31.02 0.87 0.00	32.04 1.58 0.00	32.04 1.78 0.00	28.00 1.33 0.00	24.63 1.13 0.00	22.88 1.13 0.00
ALTAMONT_115KV_TB 2 55880	19.55 0.42 0.00	18.75 0.39 0.00	18.11 0.37 0.00	18.05 0.37 0.00	18.56 0.38 0.00	21.07 0.41 0.00	25.67 0.48 0.00	29.80 0.50 0.00	30.30 0.56 0.00	27.90 0.49 0.00	26.97 0.48 0.00	26.81 0.47 0.00	25.73 0.48 0.00	25.15 0.47 0.00	24.11 0.47 0.00	23.90 0.47 0.00	25.42 0.50 0.00	29.03 0.57 0.00	30.78 0.63 0.00	31.28 0.82 0.00	30.86 0.61 0.00	27.15 0.48 0.00	23.95 0.45 0.00	22.14 0.39 0.00
ALTONA_WT_PWR 323606	19.42 0.29 0.00	18.64 0.28 0.00	18.08 0.34 0.00	18.08 0.41 0.00	18.67 0.49 0.00	21.38 0.72 0.00	25.62 0.43 0.00	30.62 1.32 0.00	30.96 1.22 0.00	29.08 1.67 0.00	28.03 1.54 0.00	27.75 1.42 0.00	26.47 1.21 0.00	25.74 1.06 0.00	24.54 0.90 0.00	24.39 0.96 0.00	26.02 1.10 0.00	29.99 1.54 0.00	31.86 1.72 0.00	31.95 1.49 0.00	31.50 1.24 0.00	28.00 1.33 0.00	24.54 1.03 0.00	22.64 0.89 0.00
AMERICAN_REF_FUEL 24010	18.71 -0.42 0.00	18.09 -0.28 0.00	17.49 -0.25 0.00	17.43 -0.25 0.00	17.98 -0.20 0.00	20.53 -0.12 0.00	24.87 -0.33 0.00	28.57 -0.73 0.00	28.93 -0.80 0.00	26.51 -0.90 0.00	25.57 -0.93 0.00	25.49 -0.84 0.00	24.22 -1.04 0.00	23.62 -1.06 0.00	22.58 -1.06 0.00	22.35 -1.08 0.00	23.35 -1.57 0.00	26.41 -2.05 0.00	28.36 -1.78 0.00	29.15 -1.31 0.00	29.32 -0.94 0.00	25.66 -1.01 0.00	22.78 -0.73 0.00	21.29 -0.46 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.76 0.63 0.00	19.12 0.75 0.00	18.45 0.71 0.00	18.42 0.74 0.00	19.00 0.82 0.00	21.79 1.14 0.00	26.55 1.36 0.00	30.50 1.20 0.00	30.93 1.19 0.00	28.34 0.93 0.00	27.29 0.79 0.00	27.20 0.87 0.00	25.81 0.55 0.00	25.13 0.44 0.00	24.00 0.36 0.00	23.69 0.26 0.00	24.75 -0.17 0.00	28.03 -0.43 0.00	30.08 -0.06 0.00	31.01 0.55 0.00	31.11 0.85 0.00	27.15 0.48 0.00	24.05 0.54 0.00	22.51 0.76 0.00
ARTHUR KILL_GT_1 23520	20.05 0.92 0.00	19.16 0.79 0.00	18.49 0.75 0.00	18.39 0.71 0.00	18.82 0.64 0.00	21.07 0.41 0.00	25.75 0.55 0.00	30.21 0.91 0.00	30.84 1.10 0.00	28.64 1.23 0.00	27.61 1.11 0.00	27.54 1.21 0.00	26.74 1.49 0.00	26.19 1.51 0.00	25.13 1.49 0.00	24.86 1.43 0.00	26.42 1.50 0.00	30.28 1.82 0.00	32.01 1.87 0.00	32.47 2.01 0.00	32.14 1.88 0.00	27.81 1.15 0.00	24.59 1.08 0.00	22.53 0.78 0.00
ARTHUR_KILL_2 23512	19.99 0.86 0.00	19.12 0.75 0.00	18.43 0.69 0.00	18.33 0.65 0.00	18.78 0.60 0.00	21.00 0.35 0.00	25.67 0.48 0.00	30.15 0.85 0.00	30.75 1.01 0.00	28.56 1.15 0.00	27.53 1.03 0.00	27.46 1.13 0.00	26.67 1.41 0.00	26.14 1.46 0.00	25.06 1.42 0.00	24.79 1.36 0.00	26.34 1.42 0.00	30.16 1.71 0.00	31.92 1.78 0.00	32.38 1.92 0.00	32.04 1.78 0.00	27.74 1.07 0.00	24.52 1.01 0.00	22.49 0.74 0.00
ARTHUR_KILL_3 23513	19.80 0.67 0.00	18.99 0.62 0.00	18.33 0.58 0.00	18.24 0.57 0.00	18.69 0.51 0.00	21.09 0.43 0.00	25.82 0.63 0.00	30.30 1.00 0.00	30.93 1.19 0.00	28.67 1.26 0.00	27.66 1.16 0.00	27.57 1.24 0.00	26.64 1.39 0.00	26.09 1.41 0.00	24.99 1.35 0.00	24.72 1.29 0.00	26.22 1.30 0.00	29.99 1.54 0.00	31.68 1.54 0.00	32.22 1.77 0.00	31.92 1.66 0.00	27.66 0.99 0.00	24.42 0.92 0.00	22.38 0.63 0.00

ARTHUR_KILL_COGEN 323718	20.05 0.92 0.00	19.16 0.79 0.00	18.49 0.75 0.00	18.39 0.71 0.00	18.82 0.64 0.00	21.07 0.41 0.00	25.75 0.55 0.00	30.21 0.91 0.00	30.84 1.10 0.00	28.64 1.23 0.00	27.61 1.11 0.00	27.54 1.21 0.00	26.74 1.49 0.00	26.19 1.51 0.00	25.13 1.49 0.00	24.86 1.43 0.00	26.42 1.50 0.00	30.28 1.82 0.00	32.01 1.87 0.00	32.47 2.01 0.00	32.14 1.88 0.00	27.81 1.15 0.00	24.59 1.08 0.00	22.53 0.78 0.00
ASHOKAN____ 23654	19.88 0.75 0.00	19.07 0.70 0.00	18.36 0.62 0.00	18.33 0.65 0.00	18.87 0.69 0.00	21.38 0.72 0.00	25.98 0.78 0.00	30.21 0.91 0.00	30.51 0.77 0.00	27.96 0.55 0.00	27.03 0.53 0.00	26.70 0.37 0.00	25.71 0.46 0.00	25.13 0.44 0.00	24.07 0.43 0.00	23.88 0.44 0.00	25.42 0.50 0.00	29.08 0.63 0.00	30.96 0.81 0.00	31.52 1.07 0.00	31.35 1.09 0.00	27.36 0.69 0.00	24.12 0.61 0.00	22.31 0.56 0.00
ASTORIA_EAST_ENERGY_CC1 323581	20.01 0.88 0.00	19.12 0.75 0.00	18.49 0.75 0.00	18.42 0.74 0.00	18.80 0.62 0.00	21.00 0.35 0.00	25.64 0.45 0.01	30.09 0.79 0.01	30.71 0.98 0.01	28.50 1.10 0.01	27.47 0.98 0.01	27.39 1.05 0.00	26.62 1.36 0.00	26.09 1.41 0.00	24.99 1.35 0.00	24.72 1.29 0.00	26.22 1.30 0.00	29.79 1.34 0.00	31.62 1.48 0.00	32.06 1.61 0.01	31.76 1.51 0.01	27.52 0.85 0.00	24.40 0.89 0.00	22.42 0.67 0.00
ASTORIA_EAST_ENERGY_CC2 323582	20.01 0.88 0.00	19.12 0.75 0.00	18.49 0.75 0.00	18.42 0.74 0.00	18.80 0.62 0.00	21.00 0.35 0.00	25.64 0.45 0.01	30.09 0.79 0.01	30.71 0.98 0.01	28.50 1.10 0.01	27.47 0.98 0.01	27.39 1.05 0.00	26.62 1.36 0.00	26.09 1.41 0.00	24.99 1.35 0.00	24.72 1.29 0.00	26.22 1.30 0.00	29.79 1.34 0.00	31.62 1.48 0.00	32.06 1.61 0.01	31.76 1.51 0.01	27.52 0.85 0.00	24.40 0.89 0.00	22.42 0.67 0.00
ASTORIA_GT2_1 24094	20.03 0.90 0.00	19.14 0.77 0.00	18.43 0.69 0.00	18.35 0.67 0.00	18.80 0.62 0.00	21.03 0.37 0.00	25.65 0.45 0.00	29.98 0.67 0.00	30.72 0.98 0.00	28.53 1.12 0.00	27.50 1.01 0.00	27.44 1.11 0.00	26.64 1.39 0.00	26.04 1.36 0.00	24.99 1.35 0.00	24.70 1.27 0.00	26.22 1.30 0.00	30.02 1.57 0.00	31.74 1.60 0.00	32.04 1.58 0.00	31.41 1.15 0.00	27.34 0.67 0.00	24.42 0.92 0.00	22.42 0.67 0.00
ASTORIA_GT2_2 24095	20.03 0.90 0.00	19.14 0.77 0.00	18.43 0.69 0.00	18.35 0.67 0.00	18.80 0.62 0.00	21.03 0.37 0.00	25.65 0.45 0.00	29.98 0.67 0.00	30.72 0.98 0.00	28.53 1.12 0.00	27.50 1.01 0.00	27.44 1.11 0.00	26.64 1.39 0.00	26.04 1.36 0.00	24.99 1.35 0.00	24.70 1.27 0.00	26.22 1.30 0.00	30.02 1.57 0.00	31.74 1.60 0.00	32.04 1.58 0.00	31.41 1.15 0.00	27.34 0.67 0.00	24.42 0.92 0.00	22.42 0.67 0.00
ASTORIA_GT2_3 24096	20.03 0.90 0.00	19.14 0.77 0.00	18.43 0.69 0.00	18.35 0.67 0.00	18.80 0.62 0.00	21.03 0.37 0.00	25.65 0.45 0.00	29.98 0.67 0.00	30.72 0.98 0.00	28.53 1.12 0.00	27.50 1.01 0.00	27.44 1.11 0.00	26.64 1.39 0.00	26.04 1.36 0.00	24.99 1.35 0.00	24.70 1.27 0.00	26.22 1.30 0.00	30.02 1.57 0.00	31.74 1.60 0.00	32.04 1.58 0.00	31.41 1.15 0.00	27.34 0.67 0.00	24.42 0.92 0.00	22.42 0.67 0.00
ASTORIA_GT2_4 24097	20.03 0.90 0.00	19.14 0.77 0.00	18.43 0.69 0.00	18.35 0.67 0.00	18.80 0.62 0.00	21.03 0.37 0.00	25.65 0.45 0.00	29.98 0.67 0.00	30.72 0.98 0.00	28.53 1.12 0.00	27.50 1.01 0.00	27.44 1.11 0.00	26.64 1.39 0.00	26.04 1.36 0.00	24.99 1.35 0.00	24.70 1.27 0.00	26.22 1.30 0.00	30.02 1.57 0.00	31.74 1.60 0.00	32.04 1.58 0.00	31.41 1.15 0.00	27.34 0.67 0.00	24.42 0.92 0.00	22.42 0.67 0.00
ASTORIA_GT3_1 24098	20.03 0.90 0.00	19.14 0.77 0.00	18.43 0.69 0.00	18.35 0.67 0.00	18.80 0.62 0.00	21.03 0.37 0.00	25.65 0.45 0.00	29.98 0.67 0.00	30.72 0.98 0.00	28.53 1.12 0.00	27.50 1.01 0.00	27.44 1.11 0.00	26.64 1.39 0.00	26.04 1.36 0.00	24.99 1.35 0.00	24.70 1.27 0.00	26.22 1.30 0.00	30.02 1.57 0.00	31.74 1.60 0.00	32.04 1.58 0.00	31.41 1.15 0.00	27.34 0.67 0.00	24.42 0.92 0.00	22.42 0.67 0.00
ASTORIA_GT3_2 24099	20.03 0.90 0.00	19.14 0.77 0.00	18.43 0.69 0.00	18.35 0.67 0.00	18.80 0.62 0.00	21.03 0.37 0.00	25.65 0.45 0.00	29.98 0.67 0.00	30.72 0.98 0.00	28.53 1.12 0.00	27.50 1.01 0.00	27.44 1.11 0.00	26.64 1.39 0.00	26.04 1.36 0.00	24.99 1.35 0.00	24.70 1.27 0.00	26.22 1.30 0.00	30.02 1.57 0.00	31.74 1.60 0.00	32.04 1.58 0.00	31.41 1.15 0.00	27.34 0.67 0.00	24.42 0.92 0.00	22.42 0.67 0.00
ASTORIA_GT3_3 24100	20.03 0.90 0.00	19.14 0.77 0.00	18.43 0.69 0.00	18.35 0.67 0.00	18.80 0.62 0.00	21.03 0.37 0.00	25.65 0.45 0.00	29.98 0.67 0.00	30.72 0.98 0.00	28.53 1.12 0.00	27.50 1.01 0.00	27.44 1.11 0.00	26.64 1.39 0.00	26.04 1.36 0.00	24.99 1.35 0.00	24.70 1.27 0.00	26.22 1.30 0.00	30.02 1.57 0.00	31.74 1.60 0.00	32.04 1.58 0.00	31.41 1.15 0.00	27.34 0.67 0.00	24.42 0.92 0.00	22.42 0.67 0.00
ASTORIA_GT3_4 24101	20.03 0.90 0.00	19.14 0.77 0.00	18.43 0.69 0.00	18.35 0.67 0.00	18.80 0.62 0.00	21.03 0.37 0.00	25.65 0.45 0.00	29.98 0.67 0.00	30.72 0.98 0.00	28.53 1.12 0.00	27.50 1.01 0.00	27.44 1.11 0.00	26.64 1.39 0.00	26.04 1.36 0.00	24.99 1.35 0.00	24.70 1.27 0.00	26.22 1.30 0.00	30.02 1.57 0.00	31.74 1.60 0.00	32.04 1.58 0.00	31.41 1.15 0.00	27.34 0.67 0.00	24.42 0.92 0.00	22.42 0.67 0.00
ASTORIA_GT4_1 24102	20.03 0.90 0.00	19.14 0.77 0.00	18.43 0.69 0.00	18.35 0.67 0.00	18.80 0.62 0.00	21.03 0.37 0.00	25.65 0.45 0.00	29.98 0.67 0.00	30.72 0.98 0.00	28.53 1.12 0.00	27.50 1.01 0.00	27.44 1.11 0.00	26.64 1.39 0.00	26.04 1.36 0.00	24.99 1.35 0.00	24.70 1.27 0.00	26.22 1.30 0.00	30.02 1.57 0.00	31.74 1.60 0.00	32.04 1.58 0.00	31.41 1.15 0.00	27.34 0.67 0.00	24.42 0.92 0.00	22.42 0.67 0.00
ASTORIA_GT4_2 24103	20.03 0.90 0.00	19.14 0.77 0.00	18.43 0.69 0.00	18.35 0.67 0.00	18.80 0.62 0.00	21.03 0.37 0.00	25.65 0.45 0.00	29.98 0.67 0.00	30.72 0.98 0.00	28.53 1.12 0.00	27.50 1.01 0.00	27.44 1.11 0.00	26.64 1.39 0.00	26.04 1.36 0.00	24.99 1.35 0.00	24.70 1.27 0.00	26.22 1.30 0.00	30.02 1.57 0.00	31.74 1.60 0.00	32.04 1.58 0.00	31.41 1.15 0.00	27.34 0.67 0.00	24.42 0.92 0.00	22.42 0.67 0.00
ASTORIA_GT4_3 24104	20.03 0.90 0.00	19.14 0.77 0.00	18.43 0.69 0.00	18.35 0.67 0.00	18.80 0.62 0.00	21.03 0.37 0.00	25.65 0.45 0.00	29.98 0.67 0.00	30.72 0.98 0.00	28.53 1.12 0.00	27.50 1.01 0.00	27.44 1.11 0.00	26.64 1.39 0.00	26.04 1.36 0.00	24.99 1.35 0.00	24.70 1.27 0.00	26.22 1.30 0.00	30.02 1.57 0.00	31.74 1.60 0.00	32.04 1.58 0.00	31.41 1.15 0.00	27.34 0.67 0.00	24.42 0.92 0.00	22.42 0.67 0.00

ASTORIA_GT4_4 24105	20.03 0.90 0.00	19.14 0.77 0.00	18.43 0.69 0.00	18.35 0.67 0.00	18.80 0.62 0.00	21.03 0.37 0.00	25.65 0.45 0.00	29.98 0.67 0.00	30.72 0.98 0.00	28.53 1.12 0.00	27.50 1.01 0.00	27.44 1.11 0.00	26.64 1.39 0.00	26.04 1.36 0.00	24.99 1.35 0.00	24.70 1.27 0.00	26.22 1.30 0.00	30.02 1.57 0.00	31.74 1.60 0.00	32.04 1.58 0.00	31.41 1.15 0.00	27.34 0.67 0.00	24.42 0.92 0.00	22.42 0.67 0.00
ASTORIA_GT_1 23523	20.05 0.92 0.00	19.16 0.79 0.00	18.50 0.76 0.00	18.44 0.76 0.00	18.84 0.65 0.00	21.04 0.39 0.00	25.69 0.50 0.01	30.14 0.85 0.01	30.80 1.07 0.01	28.58 1.18 0.01	27.55 1.06 0.01	27.46 1.13 0.00	26.67 1.41 0.00	26.16 1.48 0.00	25.06 1.42 0.00	24.77 1.33 0.00	26.29 1.37 0.00	29.88 1.42 0.00	31.71 1.57 0.00	32.16 1.70 0.01	31.82 1.57 0.01	27.60 0.93 0.00	24.47 0.96 0.00	22.46 0.72 0.00
ASTORIA_GT_10 24110	20.01 0.88 0.00	19.14 0.77 0.00	18.47 0.73 0.00	18.37 0.69 0.00	18.84 0.65 0.00	21.13 0.48 0.00	25.85 0.66 0.00	30.18 0.88 0.00	30.96 1.22 0.00	28.72 1.32 0.00	27.72 1.22 0.00	27.68 1.34 0.00	26.77 1.52 0.00	26.14 1.46 0.00	25.11 1.47 0.00	24.81 1.38 0.00	26.34 1.42 0.00	30.16 1.71 0.00	31.92 1.78 0.00	32.29 1.83 0.00	31.62 1.36 0.00	27.58 0.91 0.00	24.52 1.01 0.00	22.49 0.74 0.00
ASTORIA_GT_11 24225	20.01 0.88 0.00	19.14 0.77 0.00	18.47 0.73 0.00	18.37 0.69 0.00	18.84 0.65 0.00	21.13 0.48 0.00	25.85 0.66 0.00	30.18 0.88 0.00	30.96 1.22 0.00	28.72 1.32 0.00	27.72 1.22 0.00	27.68 1.34 0.00	26.77 1.52 0.00	26.14 1.46 0.00	25.11 1.47 0.00	24.81 1.38 0.00	26.34 1.42 0.00	30.16 1.71 0.00	31.92 1.78 0.00	32.29 1.83 0.00	31.62 1.36 0.00	27.58 0.91 0.00	24.52 1.01 0.00	22.49 0.74 0.00
ASTORIA_GT_12 24226	20.01 0.88 0.00	19.14 0.77 0.00	18.47 0.73 0.00	18.37 0.69 0.00	18.84 0.65 0.00	21.13 0.48 0.00	25.85 0.66 0.00	30.18 0.88 0.00	30.96 1.22 0.00	28.72 1.32 0.00	27.72 1.22 0.00	27.68 1.34 0.00	26.77 1.52 0.00	26.14 1.46 0.00	25.11 1.47 0.00	24.81 1.38 0.00	26.34 1.42 0.00	30.16 1.71 0.00	31.92 1.78 0.00	32.29 1.83 0.00	31.62 1.36 0.00	27.58 0.91 0.00	24.52 1.01 0.00	22.49 0.74 0.00
ASTORIA_GT_13 24227	20.01 0.88 0.00	19.14 0.77 0.00	18.47 0.73 0.00	18.37 0.69 0.00	18.84 0.65 0.00	21.13 0.48 0.00	25.85 0.66 0.00	30.18 0.88 0.00	30.96 1.22 0.00	28.72 1.32 0.00	27.72 1.22 0.00	27.68 1.34 0.00	26.77 1.52 0.00	26.14 1.46 0.00	25.11 1.47 0.00	24.81 1.38 0.00	26.34 1.42 0.00	30.16 1.71 0.00	31.92 1.78 0.00	32.29 1.83 0.00	31.62 1.36 0.00	27.58 0.91 0.00	24.52 1.01 0.00	22.49 0.74 0.00
ASTORIA_GT_5 24106	20.05 0.92 0.00	19.16 0.79 0.00	18.47 0.73 0.00	18.37 0.69 0.00	18.84 0.65 0.00	21.05 0.39 0.00	25.70 0.50 0.00	30.03 0.73 0.00	30.78 1.04 0.00	28.59 1.18 0.00	27.56 1.06 0.00	27.49 1.16 0.00	26.69 1.44 0.00	26.09 1.41 0.00	25.04 1.39 0.00	24.74 1.31 0.00	26.27 1.35 0.00	30.08 1.62 0.00	31.80 1.66 0.00	32.10 1.64 0.00	31.47 1.21 0.00	27.39 0.72 0.00	24.47 0.96 0.00	22.47 0.72 0.00
ASTORIA_GT_7 24107	20.05 0.92 0.00	19.16 0.79 0.00	18.47 0.73 0.00	18.37 0.69 0.00	18.84 0.65 0.00	21.05 0.39 0.00	25.70 0.50 0.00	30.03 0.73 0.00	30.78 1.04 0.00	28.59 1.18 0.00	27.56 1.06 0.00	27.49 1.16 0.00	26.69 1.44 0.00	26.09 1.41 0.00	25.04 1.39 0.00	24.74 1.31 0.00	26.27 1.35 0.00	30.08 1.62 0.00	31.80 1.66 0.00	32.10 1.64 0.00	31.47 1.21 0.00	27.39 0.72 0.00	24.47 0.96 0.00	22.47 0.72 0.00
ASTORIA_GT_8 24108	20.05 0.92 0.00	19.16 0.79 0.00	18.47 0.73 0.00	18.37 0.69 0.00	18.84 0.65 0.00	21.05 0.39 0.00	25.70 0.50 0.00	30.03 0.73 0.00	30.78 1.04 0.00	28.59 1.18 0.00	27.56 1.06 0.00	27.49 1.16 0.00	26.69 1.44 0.00	26.09 1.41 0.00	25.04 1.39 0.00	24.74 1.31 0.00	26.27 1.35 0.00	30.08 1.62 0.00	31.80 1.66 0.00	32.10 1.64 0.00	31.47 1.21 0.00	27.39 0.72 0.00	24.47 0.96 0.00	22.47 0.72 0.00
ASTORIA___2 24149	20.03 0.90 0.00	19.14 0.77 0.00	18.49 0.75 0.00	18.42 0.74 0.00	18.80 0.62 0.00	21.03 0.37 0.00	25.66 0.48 0.01	30.11 0.82 0.01	30.74 1.01 0.01	28.53 1.12 0.01	27.50 1.01 0.01	27.41 1.08 0.00	26.62 1.36 0.00	26.11 1.43 0.00	25.01 1.37 0.00	24.72 1.29 0.00	26.24 1.32 0.00	29.82 1.37 0.00	31.65 1.51 0.00	32.09 1.64 0.01	31.76 1.51 0.01	27.55 0.88 0.00	24.42 0.92 0.00	22.42 0.67 0.00
ASTORIA___3 23516	20.01 0.88 0.00	19.14 0.77 0.00	18.49 0.75 0.00	18.39 0.71 0.00	18.84 0.65 0.00	21.13 0.48 0.00	25.85 0.65 0.00	30.33 1.03 0.00	30.98 1.25 0.00	28.72 1.32 0.00	27.72 1.22 0.00	27.62 1.29 0.00	26.77 1.52 0.00	26.21 1.53 0.00	25.13 1.49 0.00	24.84 1.41 0.00	26.37 1.45 0.00	30.08 1.62 0.00	31.83 1.69 0.00	32.32 1.86 0.00	32.01 1.75 0.00	27.74 1.07 0.00	24.52 1.01 0.00	22.49 0.74 0.00
ASTORIA___4 23517	20.01 0.88 0.00	19.14 0.77 0.00	18.47 0.73 0.00	18.37 0.69 0.00	18.84 0.65 0.00	21.13 0.48 0.00	25.85 0.66 0.00	30.18 0.88 0.00	30.96 1.22 0.00	28.72 1.32 0.00	27.72 1.22 0.00	27.68 1.34 0.00	26.77 1.52 0.00	26.14 1.46 0.00	25.11 1.47 0.00	24.81 1.38 0.00	26.34 1.42 0.00	30.16 1.71 0.00	31.92 1.78 0.00	32.29 1.83 0.00	31.62 1.36 0.00	27.58 0.91 0.00	24.52 1.01 0.00	22.49 0.74 0.00
ASTORIA___5 23518	20.01 0.88 0.00	19.14 0.77 0.00	18.49 0.75 0.00	18.39 0.71 0.00	18.84 0.65 0.00	21.13 0.48 0.00	25.85 0.65 0.00	30.33 1.03 0.00	30.98 1.25 0.00	28.72 1.32 0.00	27.72 1.22 0.00	27.62 1.29 0.00	26.77 1.52 0.00	26.21 1.53 0.00	25.13 1.49 0.00	24.84 1.41 0.00	26.37 1.45 0.00	30.08 1.62 0.00	31.83 1.69 0.00	32.32 1.86 0.00	32.01 1.75 0.00	27.74 1.07 0.00	24.52 1.01 0.00	22.49 0.74 0.00
AST_ENERGY_2_CC3 323677	19.88 0.75 0.00	19.05 0.68 0.00	18.38 0.64 0.00	18.30 0.62 0.00	18.75 0.56 0.00	21.13 0.48 0.00	25.87 0.68 0.00	30.36 1.05 0.00	30.96 1.22 0.00	28.70 1.29 0.00	27.72 1.22 0.00	27.62 1.29 0.00	26.69 1.44 0.00	26.14 1.46 0.00	25.04 1.39 0.00	24.77 1.33 0.00	26.27 1.34 0.00	30.05 1.59 0.00	31.74 1.60 0.00	32.29 1.83 0.00	31.98 1.72 0.00	27.71 1.04 0.00	24.47 0.96 0.00	22.44 0.70 0.00
AST_ENERGY_2_CC4 323678	19.88 0.75 0.00	19.05 0.68 0.00	18.38 0.64 0.00	18.30 0.62 0.00	18.75 0.56 0.00	21.13 0.48 0.00	25.87 0.68 0.00	30.36 1.05 0.00	30.96 1.22 0.00	28.70 1.29 0.00	27.72 1.22 0.00	27.62 1.29 0.00	26.69 1.44 0.00	26.14 1.46 0.00	25.04 1.39 0.00	24.77 1.33 0.00	26.27 1.34 0.00	30.05 1.59 0.00	31.74 1.60 0.00	32.29 1.83 0.00	31.98 1.72 0.00	27.71 1.04 0.00	24.47 0.96 0.00	22.44 0.70 0.00

ATHENS_STG_1 23668	19.53 0.40 0.00	18.76 0.39 0.00	18.12 0.37 0.00	18.03 0.35 0.00	18.53 0.34 0.00	20.98 0.33 0.00	25.62 0.43 0.00	29.86 0.56 0.00	30.36 0.63 0.00	27.99 0.58 0.00	27.08 0.58 0.00	26.91 0.58 0.00	25.89 0.63 0.00	25.32 0.64 0.00	24.28 0.64 0.00	24.04 0.61 0.00	25.55 0.62 0.00	29.17 0.71 0.00	30.90 0.75 0.00	31.43 0.97 0.00	31.20 0.94 0.00	27.20 0.53 0.00	24.00 0.49 0.00	22.14 0.39 0.00
ATHENS_STG_2 23670	19.53 0.40 0.00	18.76 0.39 0.00	18.12 0.37 0.00	18.03 0.35 0.00	18.53 0.34 0.00	20.98 0.33 0.00	25.62 0.43 0.00	29.86 0.56 0.00	30.36 0.63 0.00	27.99 0.58 0.00	27.08 0.58 0.00	26.91 0.58 0.00	25.89 0.63 0.00	25.32 0.64 0.00	24.28 0.64 0.00	24.04 0.61 0.00	25.55 0.62 0.00	29.17 0.71 0.00	30.90 0.75 0.00	31.43 0.97 0.00	31.20 0.94 0.00	27.20 0.53 0.00	24.00 0.49 0.00	22.14 0.39 0.00
ATHENS_STG_3 23677	19.53 0.40 0.00	18.76 0.39 0.00	18.12 0.37 0.00	18.03 0.35 0.00	18.53 0.34 0.00	20.98 0.33 0.00	25.62 0.43 0.00	29.86 0.56 0.00	30.36 0.63 0.00	27.99 0.58 0.00	27.08 0.58 0.00	26.91 0.58 0.00	25.89 0.63 0.00	25.32 0.64 0.00	24.28 0.64 0.00	24.04 0.61 0.00	25.55 0.62 0.00	29.17 0.71 0.00	30.90 0.75 0.00	31.43 0.97 0.00	31.20 0.94 0.00	27.20 0.53 0.00	24.00 0.49 0.00	22.14 0.39 0.00
AUBURN___LFGE 323710	19.11 -0.02 0.00	18.37 0.00 0.00	17.74 0.00 0.00	17.68 0.00 0.00	18.20 0.02 0.00	20.74 0.08 0.00	25.37 0.18 0.00	29.51 0.21 0.00	29.65 -0.09 0.00	27.35 -0.05 0.00	26.39 -0.11 0.00	26.23 -0.11 0.00	25.10 -0.15 0.00	24.51 -0.17 0.00	23.43 -0.21 0.00	23.24 -0.19 0.00	24.70 -0.22 0.00	28.17 -0.28 0.00	30.02 -0.12 0.00	30.55 0.09 0.00	30.23 -0.03 0.00	26.64 -0.03 0.00	23.39 -0.12 0.00	21.73 -0.02 0.00
BABYLON_RES_REC 323704	20.26 1.13 0.00	19.27 0.90 0.00	18.59 0.85 0.00	18.51 0.83 0.00	19.00 0.82 0.00	21.67 1.01 0.00	26.23 1.03 0.00	30.50 1.20 0.00	31.31 1.57 0.00	29.37 1.95 -0.01	31.26 1.72 -3.04	31.15 1.71 -3.11	30.45 1.82 -3.38	30.39 1.80 -3.91	29.94 1.75 -4.55	30.48 1.71 -5.34	30.92 1.77 -4.22	31.49 2.11 -0.93	33.32 2.17 -1.01	33.18 2.50 -0.23	32.67 2.39 -0.02	31.37 1.71 -3.00	28.63 1.58 -3.55	23.11 1.35 -0.01
BABYLON__69_KV_BK2 356345	20.55 1.42 0.00	19.53 1.16 0.00	18.84 1.10 0.00	18.76 1.08 0.00	19.25 1.07 0.00	22.00 1.34 0.00	26.70 1.51 0.00	31.00 1.70 0.00	31.91 2.17 0.00	29.83 2.41 -0.01	31.74 2.20 -3.04	31.68 2.24 -3.11	30.88 2.25 -3.38	30.79 2.20 -3.91	30.32 2.13 -4.55	30.88 2.11 -5.34	31.37 2.22 -4.22	32.04 2.65 -0.93	33.88 2.71 -1.02	34.07 2.92 -0.69	32.77 2.48 -0.03	31.82 2.16 -3.00	29.05 2.00 -3.55	23.48 1.72 -0.01
BALL_HILL_WT_PWR 323825	19.42 0.29 0.00	18.81 0.44 0.00	18.15 0.41 0.00	18.10 0.42 0.00	18.67 0.49 0.00	21.36 0.70 0.00	26.02 0.83 0.00	29.86 0.56 0.00	30.27 0.54 0.00	27.76 0.36 0.00	26.74 0.24 0.00	26.65 0.32 0.00	25.33 0.08 0.00	24.66 -0.02 0.00	23.57 -0.07 0.00	23.29 -0.14 0.00	24.38 -0.55 0.00	27.60 -0.85 0.00	29.60 -0.54 0.00	30.52 0.06 0.00	30.62 0.36 0.00	26.75 0.08 0.00	23.74 0.24 0.00	22.21 0.46 0.00
BARON_WINDS___WT_PWR 323822	19.69 0.56 0.00	19.01 0.64 0.00	18.33 0.58 0.00	18.24 0.57 0.00	18.78 0.60 0.00	21.50 0.85 0.00	26.38 1.18 0.00	30.44 1.14 0.00	31.16 1.43 0.00	28.56 1.15 0.00	27.48 0.98 0.00	27.28 0.95 0.00	26.06 0.81 0.00	25.40 0.72 0.00	24.28 0.64 0.00	24.02 0.59 0.00	25.42 0.50 0.00	28.97 0.51 0.00	30.99 0.84 0.00	31.92 1.46 0.00	31.68 1.42 0.00	27.60 0.93 0.00	24.38 0.87 0.00	22.73 0.98 0.00
BARRETT_IC_1 23704	20.01 0.88 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.80 0.62 0.00	21.42 0.76 0.00	25.95 0.76 0.00	30.18 0.88 0.00	30.93 1.19 0.00	29.01 1.59 -0.01	30.89 1.35 -3.04	30.83 1.39 -3.11	30.12 1.49 -3.38	30.12 1.53 -3.91	29.66 1.47 -4.55	30.18 1.41 -5.34	30.57 1.42 -4.22	31.04 1.65 -0.93	32.83 1.69 -1.00	32.48 2.01 -0.01	32.18 1.91 -0.01	30.92 1.25 -3.00	28.27 1.22 -3.54	22.78 1.02 -0.01
BARRETT_IC_10 23701	20.01 0.88 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.80 0.62 0.00	21.42 0.76 0.00	25.95 0.76 0.00	30.18 0.88 0.00	30.93 1.19 0.00	29.01 1.59 -0.01	30.89 1.35 -3.04	30.83 1.39 -3.11	30.12 1.49 -3.38	30.12 1.53 -3.91	29.66 1.47 -4.55	30.18 1.41 -5.34	30.57 1.42 -4.22	31.04 1.65 -0.93	32.83 1.69 -1.00	32.48 2.01 -0.01	32.18 1.91 -0.01	30.92 1.25 -3.00	28.27 1.22 -3.54	22.78 1.02 -0.01
BARRETT_IC_11 23702	20.01 0.88 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.80 0.62 0.00	21.42 0.76 0.00	25.95 0.76 0.00	30.18 0.88 0.00	30.93 1.19 0.00	29.01 1.59 -0.01	30.89 1.35 -3.04	30.83 1.39 -3.11	30.12 1.49 -3.38	30.12 1.53 -3.91	29.66 1.47 -4.55	30.18 1.41 -5.34	30.57 1.42 -4.22	31.04 1.65 -0.93	32.83 1.69 -1.00	32.48 2.01 -0.01	32.18 1.91 -0.01	30.92 1.25 -3.00	28.27 1.22 -3.54	22.78 1.02 -0.01
BARRETT_IC_12 23703	20.01 0.88 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.80 0.62 0.00	21.42 0.76 0.00	25.95 0.76 0.00	30.18 0.88 0.00	30.93 1.19 0.00	29.01 1.59 -0.01	30.89 1.35 -3.04	30.83 1.39 -3.11	30.12 1.49 -3.38	30.12 1.53 -3.91	29.66 1.47 -4.55	30.18 1.41 -5.34	30.57 1.42 -4.22	31.04 1.65 -0.93	32.83 1.69 -1.00	32.48 2.01 -0.01	32.18 1.91 -0.01	30.92 1.25 -3.00	28.27 1.22 -3.54	22.78 1.02 -0.01
BARRETT_IC_2 23705	20.01 0.88 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.80 0.62 0.00	21.42 0.76 0.00	25.95 0.76 0.00	30.18 0.88 0.00	30.93 1.19 0.00	29.01 1.59 -0.01	30.89 1.35 -3.04	30.83 1.39 -3.11	30.12 1.49 -3.38	30.12 1.53 -3.91	29.66 1.47 -4.55	30.18 1.41 -5.34	30.57 1.42 -4.22	31.04 1.65 -0.93	32.83 1.69 -1.00	32.48 2.01 -0.01	32.18 1.91 -0.01	30.92 1.25 -3.00	28.27 1.22 -3.54	22.78 1.02 -0.01
BARRETT_IC_3 23706	20.01 0.88 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.80 0.62 0.00	21.42 0.76 0.00	25.95 0.76 0.00	30.18 0.88 0.00	30.93 1.19 0.00	29.01 1.59 -0.01	30.89 1.35 -3.04	30.83 1.39 -3.11	30.12 1.49 -3.38	30.12 1.53 -3.91	29.66 1.47 -4.55	30.18 1.41 -5.34	30.57 1.42 -4.22	31.04 1.65 -0.93	32.83 1.69 -1.00	32.48 2.01 -0.01	32.18 1.91 -0.01	30.92 1.25 -3.00	28.27 1.22 -3.54	22.78 1.02 -0.01
BARRETT_IC_4 23707	20.01 0.88 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.80 0.62 0.00	21.42 0.76 0.00	25.95 0.76 0.00	30.18 0.88 0.00	30.93 1.19 0.00	29.01 1.59 -0.01	30.89 1.35 -3.04	30.83 1.39 -3.11	30.12 1.49 -3.38	30.12 1.53 -3.91	29.66 1.47 -4.55	30.18 1.41 -5.34	30.57 1.42 -4.22	31.04 1.65 -0.93	32.83 1.69 -1.00	32.48 2.01 -0.01	32.18 1.91 -0.01	30.92 1.25 -3.00	28.27 1.22 -3.54	22.78 1.02 -0.01

BARRETT_IC_5 23708	20.01 0.88 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.80 0.62 0.00	21.42 0.76 0.00	25.95 0.76 0.00	30.18 0.88 0.00	30.93 1.19 0.00	29.01 1.59 -0.01	30.89 1.35 -3.04	30.83 1.39 -3.11	30.12 1.49 -3.38	30.12 1.53 -3.91	29.66 1.47 -4.55	30.18 1.41 -5.34	30.57 1.42 -4.22	31.04 1.65 -0.93	32.83 1.69 -1.00	32.48 2.01 -0.01	32.18 1.91 -0.01	30.92 1.25 -3.00	28.27 1.22 -3.54	22.78 1.02 -0.01
BARRETT_IC_6 23709	20.01 0.88 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.80 0.62 0.00	21.42 0.76 0.00	25.95 0.76 0.00	30.18 0.88 0.00	30.93 1.19 0.00	29.01 1.59 -0.01	30.89 1.35 -3.04	30.83 1.39 -3.11	30.12 1.49 -3.38	30.12 1.53 -3.91	29.66 1.47 -4.55	30.18 1.41 -5.34	30.57 1.42 -4.22	31.04 1.65 -0.93	32.83 1.69 -1.00	32.48 2.01 -0.01	32.18 1.91 -0.01	30.92 1.25 -3.00	28.27 1.22 -3.54	22.78 1.02 -0.01
BARRETT_IC_7 23710	20.01 0.88 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.80 0.62 0.00	21.42 0.76 0.00	26.02 0.83 0.00	30.18 0.88 0.00	31.01 1.28 0.00	29.01 1.59 -0.01	30.89 1.35 -3.04	30.84 1.40 -3.11	30.10 1.46 -3.38	30.05 1.46 -3.91	29.64 1.44 -4.55	30.13 1.36 -5.34	30.54 1.40 -4.22	31.04 1.65 -0.93	32.90 1.75 -1.00	32.42 1.95 -0.01	31.78 1.51 -0.01	30.84 1.17 -3.00	28.27 1.22 -3.54	22.78 1.02 -0.01
BARRETT_IC_8 23711	20.01 0.88 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.80 0.62 0.00	21.42 0.76 0.00	25.95 0.76 0.00	30.18 0.88 0.00	30.93 1.19 0.00	29.01 1.59 -0.01	30.89 1.35 -3.04	30.83 1.39 -3.11	30.12 1.49 -3.38	30.12 1.53 -3.91	29.66 1.47 -4.55	30.18 1.41 -5.34	30.57 1.42 -4.22	31.04 1.65 -0.93	32.83 1.69 -1.00	32.48 2.01 -0.01	32.18 1.91 -0.01	30.92 1.25 -3.00	28.27 1.22 -3.54	22.78 1.02 -0.01
BARRETT_IC_9 23700	20.01 0.88 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.80 0.62 0.00	21.42 0.76 0.00	25.95 0.76 0.00	30.18 0.88 0.00	30.93 1.19 0.00	29.01 1.59 -0.01	30.89 1.35 -3.04	30.83 1.39 -3.11	30.12 1.49 -3.38	30.12 1.53 -3.91	29.66 1.47 -4.55	30.18 1.41 -5.34	30.57 1.42 -4.22	31.04 1.65 -0.93	32.83 1.69 -1.00	32.48 2.01 -0.01	32.18 1.91 -0.01	30.92 1.25 -3.00	28.27 1.22 -3.54	22.78 1.02 -0.01
BARRETT___1 23545	20.01 0.88 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.80 0.62 0.00	21.42 0.76 0.00	25.95 0.76 0.00	30.18 0.88 0.00	30.93 1.19 0.00	29.01 1.59 -0.01	30.89 1.35 -3.04	30.83 1.39 -3.11	30.12 1.49 -3.38	30.12 1.53 -3.91	29.66 1.47 -4.55	30.18 1.41 -5.34	30.57 1.42 -4.22	31.04 1.65 -0.93	32.83 1.69 -1.00	32.48 2.01 -0.01	32.18 1.91 -0.01	30.92 1.25 -3.00	28.27 1.22 -3.54	22.78 1.02 -0.01
BARRETT___2 23546	20.01 0.88 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.80 0.62 0.00	21.42 0.76 0.00	25.95 0.76 0.00	30.18 0.88 0.00	30.93 1.19 0.00	29.01 1.59 -0.01	30.89 1.35 -3.04	30.83 1.39 -3.11	30.12 1.49 -3.38	30.12 1.53 -3.91	29.66 1.47 -4.55	30.18 1.41 -5.34	30.57 1.42 -4.22	31.04 1.65 -0.93	32.83 1.69 -1.00	32.48 2.01 -0.01	32.18 1.91 -0.01	30.92 1.25 -3.00	28.27 1.22 -3.54	22.78 1.02 -0.01
BATAVIA___115KV_TB1 55881	19.27 0.13 0.00	18.57 0.20 0.00	17.94 0.20 0.00	17.89 0.21 0.00	18.47 0.29 0.00	21.15 0.50 0.00	25.72 0.53 0.00	29.54 0.23 0.00	30.12 0.39 0.00	27.60 0.19 0.00	26.60 0.11 0.00	26.46 0.13 0.00	25.28 0.03 0.00	24.63 -0.05 0.00	23.38 -0.26 0.00	23.15 -0.28 0.00	24.38 -0.55 0.00	27.52 -0.94 0.00	29.66 -0.48 0.00	30.67 0.21 0.00	30.23 -0.03 0.00	26.94 0.27 0.00	23.55 0.05 0.00	21.97 0.22 0.00
BAYONEEC___CTG1 323682	19.90 0.77 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.76 0.58 0.00	21.17 0.52 0.00	25.92 0.73 0.00	30.39 1.08 0.00	31.01 1.28 0.00	28.75 1.34 0.00	27.77 1.27 0.00	27.65 1.32 0.00	26.74 1.49 0.00	26.16 1.48 0.00	25.08 1.44 0.00	24.79 1.36 0.00	26.32 1.39 0.00	30.08 1.62 0.00	31.80 1.66 0.00	32.35 1.89 0.00	32.01 1.75 0.00	27.74 1.07 0.00	24.52 1.01 0.00	22.46 0.72 0.00
BAYONEEC___CTG10 323750	19.90 0.77 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.76 0.58 0.00	21.17 0.52 0.00	25.92 0.73 0.00	30.39 1.08 0.00	31.01 1.28 0.00	28.75 1.34 0.00	27.77 1.27 0.00	27.65 1.32 0.00	26.74 1.49 0.00	26.16 1.48 0.00	25.08 1.44 0.00	24.79 1.36 0.00	26.32 1.39 0.00	30.08 1.62 0.00	31.80 1.66 0.00	32.35 1.89 0.00	32.01 1.75 0.00	27.74 1.07 0.00	24.52 1.01 0.00	22.46 0.72 0.00
BAYONEEC___CTG2 323683	19.90 0.77 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.76 0.58 0.00	21.17 0.52 0.00	25.92 0.73 0.00	30.39 1.08 0.00	31.01 1.28 0.00	28.75 1.34 0.00	27.77 1.27 0.00	27.65 1.32 0.00	26.74 1.49 0.00	26.16 1.48 0.00	25.08 1.44 0.00	24.79 1.36 0.00	26.32 1.39 0.00	30.08 1.62 0.00	31.80 1.66 0.00	32.35 1.89 0.00	32.01 1.75 0.00	27.74 1.07 0.00	24.52 1.01 0.00	22.46 0.72 0.00
BAYONEEC___CTG3 323684	19.90 0.77 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.76 0.58 0.00	21.17 0.52 0.00	25.92 0.73 0.00	30.39 1.08 0.00	31.01 1.28 0.00	28.75 1.34 0.00	27.77 1.27 0.00	27.65 1.32 0.00	26.74 1.49 0.00	26.16 1.48 0.00	25.08 1.44 0.00	24.79 1.36 0.00	26.32 1.39 0.00	30.08 1.62 0.00	31.80 1.66 0.00	32.35 1.89 0.00	32.01 1.75 0.00	27.74 1.07 0.00	24.52 1.01 0.00	22.46 0.72 0.00
BAYONEEC___CTG4 323685	19.90 0.77 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.76 0.58 0.00	21.17 0.52 0.00	25.92 0.73 0.00	30.39 1.08 0.00	31.01 1.28 0.00	28.75 1.34 0.00	27.77 1.27 0.00	27.65 1.32 0.00	26.74 1.49 0.00	26.16 1.48 0.00	25.08 1.44 0.00	24.79 1.36 0.00	26.32 1.39 0.00	30.08 1.62 0.00	31.80 1.66 0.00	32.35 1.89 0.00	32.01 1.75 0.00	27.74 1.07 0.00	24.52 1.01 0.00	22.46 0.72 0.00
BAYONEEC___CTG5 323686	19.90 0.77 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.76 0.58 0.00	21.17 0.52 0.00	25.92 0.73 0.00	30.39 1.08 0.00	31.01 1.28 0.00	28.75 1.34 0.00	27.77 1.27 0.00	27.65 1.32 0.00	26.74 1.49 0.00	26.16 1.48 0.00	25.08 1.44 0.00	24.79 1.36 0.00	26.32 1.39 0.00	30.08 1.62 0.00	31.80 1.66 0.00	32.35 1.89 0.00	32.01 1.75 0.00	27.74 1.07 0.00	24.52 1.01 0.00	22.46 0.72 0.00
BAYONEEC___CTG6 323687	19.90 0.77 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.76 0.58 0.00	21.17 0.52 0.00	25.92 0.73 0.00	30.39 1.08 0.00	31.01 1.28 0.00	28.75 1.34 0.00	27.77 1.27 0.00	27.65 1.32 0.00	26.74 1.49 0.00	26.16 1.48 0.00	25.08 1.44 0.00	24.79 1.36 0.00	26.32 1.39 0.00	30.08 1.62 0.00	31.80 1.66 0.00	32.35 1.89 0.00	32.01 1.75 0.00	27.74 1.07 0.00	24.52 1.01 0.00	22.46 0.72 0.00

BAYONEEC___CTG7 323688	19.90 0.77 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.76 0.58 0.00	21.17 0.52 0.00	25.92 0.73 0.00	30.39 1.08 0.00	31.01 1.28 0.00	28.75 1.34 0.00	27.77 1.27 0.00	27.65 1.32 0.00	26.74 1.49 0.00	26.16 1.48 0.00	25.08 1.44 0.00	24.79 1.36 0.00	26.32 1.39 0.00	30.08 1.62 0.00	31.80 1.66 0.00	32.35 1.89 0.00	32.01 1.75 0.00	27.74 1.07 0.00	24.52 1.01 0.00	22.46 0.72 0.00
BAYONEEC___CTG8 323689	19.90 0.77 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.76 0.58 0.00	21.17 0.52 0.00	25.92 0.73 0.00	30.39 1.08 0.00	31.01 1.28 0.00	28.75 1.34 0.00	27.77 1.27 0.00	27.65 1.32 0.00	26.74 1.49 0.00	26.16 1.48 0.00	25.08 1.44 0.00	24.79 1.36 0.00	26.32 1.39 0.00	30.08 1.62 0.00	31.80 1.66 0.00	32.35 1.89 0.00	32.01 1.75 0.00	27.74 1.07 0.00	24.52 1.01 0.00	22.46 0.72 0.00
BAYONEEC___CTG9 323749	19.90 0.77 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.76 0.58 0.00	21.17 0.52 0.00	25.92 0.73 0.00	30.39 1.08 0.00	31.01 1.28 0.00	28.75 1.34 0.00	27.77 1.27 0.00	27.65 1.32 0.00	26.74 1.49 0.00	26.16 1.48 0.00	25.08 1.44 0.00	24.79 1.36 0.00	26.32 1.39 0.00	30.08 1.62 0.00	31.80 1.66 0.00	32.35 1.89 0.00	32.01 1.75 0.00	27.74 1.07 0.00	24.52 1.01 0.00	22.46 0.72 0.00
BEACON___LESR 323632	19.86 0.73 0.00	19.03 0.66 0.00	18.40 0.66 0.00	18.33 0.65 0.00	18.85 0.67 0.00	21.42 0.76 0.00	26.15 0.96 0.00	30.44 1.14 0.00	30.87 1.13 0.00	28.37 0.96 0.00	27.45 0.95 0.00	27.28 0.95 0.00	26.21 0.96 0.00	25.64 0.96 0.00	24.54 0.90 0.00	24.32 0.89 0.00	25.90 0.97 0.00	29.51 1.05 0.00	31.29 1.15 0.00	31.83 1.37 0.00	31.62 1.36 0.00	27.66 0.99 0.00	24.35 0.84 0.00	22.49 0.74 0.00
BEAVER RIVER___HYD 24048	18.90 -0.23 0.00	18.11 -0.26 0.00	17.48 -0.27 0.00	17.43 -0.25 0.00	17.98 -0.20 0.00	20.51 -0.14 0.00	25.07 -0.13 0.00	29.42 0.12 0.00	29.65 -0.09 0.00	27.13 -0.27 0.00	26.13 -0.37 0.00	25.94 -0.39 0.00	24.77 -0.48 0.00	24.16 -0.52 0.00	23.14 -0.50 0.00	22.96 -0.47 0.00	24.58 -0.35 0.00	28.23 -0.23 0.00	29.78 -0.36 0.00	30.12 -0.33 0.00	29.93 -0.33 0.00	26.48 -0.19 0.00	23.32 -0.19 0.00	21.68 -0.07 0.00
BEEBEE_GT_13 23619	18.96 -0.17 0.00	18.24 -0.13 0.00	17.62 -0.12 0.00	17.55 -0.12 0.00	18.11 -0.07 0.00	20.67 0.02 0.00	25.19 0.00 0.00	29.10 -0.21 0.00	29.62 -0.12 0.00	27.22 -0.19 0.00	26.29 -0.21 0.00	26.15 -0.18 0.00	25.00 -0.25 0.00	24.39 -0.30 0.00	23.22 -0.43 0.00	23.01 -0.42 0.00	24.30 -0.62 0.00	27.52 -0.94 0.00	29.45 -0.69 0.00	30.25 -0.21 0.00	29.87 -0.39 0.00	26.51 -0.16 0.00	23.22 -0.28 0.00	21.60 -0.15 0.00
BENSHRST_27_KV_BENSHRST_1 355998	20.13 0.99 0.00	19.25 0.88 0.00	18.56 0.82 0.00	18.46 0.78 0.00	18.91 0.73 0.00	21.21 0.56 0.00	25.95 0.76 0.00	30.39 1.08 0.00	31.16 1.43 0.00	28.94 1.53 0.00	27.93 1.43 0.00	27.89 1.55 0.00	27.00 1.74 0.00	26.38 1.70 0.00	25.34 1.70 0.00	25.05 1.62 0.00	26.59 1.67 0.00	30.51 2.05 0.00	32.28 2.14 0.00	32.62 2.16 0.00	31.95 1.69 0.00	27.82 1.15 0.00	24.70 1.20 0.00	22.64 0.89 0.00
BETHLEHEM___GRP 23843	19.67 0.54 0.00	18.86 0.50 0.00	18.22 0.48 0.00	18.15 0.48 0.00	18.67 0.49 0.00	21.19 0.54 0.00	25.82 0.63 0.00	29.98 0.67 0.00	30.51 0.77 0.00	28.04 0.63 0.00	27.13 0.64 0.00	26.96 0.63 0.00	25.89 0.63 0.00	25.30 0.62 0.00	24.28 0.64 0.00	24.06 0.63 0.00	25.60 0.67 0.00	29.20 0.74 0.00	30.96 0.81 0.00	31.46 1.01 0.00	31.05 0.79 0.00	27.31 0.64 0.00	24.09 0.59 0.00	22.29 0.54 0.00
BETHLEHEM___GS1 323560	19.67 0.53 0.00	18.87 0.50 0.00	18.22 0.48 0.00	18.16 0.48 0.00	18.67 0.49 0.00	21.19 0.54 0.00	25.85 0.65 0.00	30.09 0.79 0.00	30.51 0.77 0.00	28.07 0.66 0.00	27.16 0.66 0.00	26.99 0.66 0.00	25.91 0.66 0.00	25.35 0.67 0.00	24.30 0.66 0.00	24.07 0.63 0.00	25.62 0.70 0.00	29.20 0.74 0.00	30.96 0.81 0.00	31.52 1.07 0.00	31.29 1.03 0.00	27.36 0.69 0.00	24.09 0.59 0.00	22.29 0.54 0.00
BETHLEHEM___GS2 323561	19.67 0.53 0.00	18.87 0.50 0.00	18.22 0.48 0.00	18.16 0.48 0.00	18.67 0.49 0.00	21.19 0.54 0.00	25.85 0.65 0.00	30.09 0.79 0.00	30.51 0.77 0.00	28.07 0.66 0.00	27.16 0.66 0.00	26.99 0.66 0.00	25.91 0.66 0.00	25.35 0.67 0.00	24.30 0.66 0.00	24.07 0.63 0.00	25.62 0.70 0.00	29.20 0.74 0.00	30.96 0.81 0.00	31.52 1.07 0.00	31.29 1.03 0.00	27.36 0.69 0.00	24.09 0.59 0.00	22.29 0.54 0.00
BETHLEHEM___GS3 323562	19.67 0.53 0.00	18.87 0.50 0.00	18.22 0.48 0.00	18.16 0.48 0.00	18.67 0.49 0.00	21.19 0.54 0.00	25.85 0.65 0.00	30.09 0.79 0.00	30.51 0.77 0.00	28.07 0.66 0.00	27.16 0.66 0.00	26.99 0.66 0.00	25.91 0.66 0.00	25.35 0.67 0.00	24.30 0.66 0.00	24.07 0.63 0.00	25.62 0.70 0.00	29.20 0.74 0.00	30.96 0.81 0.00	31.52 1.07 0.00	31.29 1.03 0.00	27.36 0.69 0.00	24.09 0.59 0.00	22.29 0.54 0.00
BETHLEHEM___STEEL 23779	19.32 0.19 0.00	18.70 0.33 0.00	18.06 0.32 0.00	18.00 0.32 0.00	18.56 0.38 0.00	21.23 0.58 0.00	25.87 0.68 0.00	29.60 0.29 0.00	30.21 0.48 0.00	27.68 0.27 0.00	26.68 0.19 0.00	26.60 0.26 0.00	25.43 0.18 0.00	24.78 0.10 0.00	23.52 -0.12 0.00	23.22 -0.21 0.00	24.40 -0.52 0.00	27.57 -0.88 0.00	29.63 -0.51 0.00	30.70 0.24 0.00	30.17 -0.09 0.00	26.94 0.27 0.00	23.55 0.05 0.00	22.05 0.30 0.00
BETHLHEM_115KV_TB1 79974	19.65 0.52 0.00	18.85 0.48 0.00	18.20 0.46 0.00	18.14 0.46 0.00	18.65 0.47 0.00	21.17 0.52 0.00	25.80 0.60 0.00	30.01 0.70 0.00	30.51 0.77 0.00	28.07 0.66 0.00	27.16 0.66 0.00	26.99 0.66 0.00	25.91 0.66 0.00	25.32 0.64 0.00	24.28 0.64 0.00	24.06 0.63 0.00	25.60 0.67 0.00	29.20 0.74 0.00	30.99 0.84 0.00	31.49 1.04 0.00	31.08 0.82 0.00	27.34 0.67 0.00	24.12 0.61 0.00	22.31 0.57 0.00
BETHPAGE_CC_5 323564	20.18 1.05 0.00	19.23 0.86 0.00	18.54 0.80 0.00	18.45 0.78 0.00	18.95 0.76 0.00	21.58 0.93 0.00	26.13 0.93 0.00	30.39 1.08 0.00	31.19 1.46 0.00	29.23 1.81 -0.01	31.15 1.62 -3.04	31.07 1.63 -3.11	30.37 1.74 -3.38	30.34 1.75 -3.91	29.87 1.68 -4.55	30.39 1.62 -5.34	30.82 1.67 -4.22	31.35 1.96 -0.93	33.17 2.02 -1.00	32.82 2.35 -0.01	32.48 2.21 -0.01	31.21 1.55 -3.00	28.46 1.41 -3.54	22.96 1.20 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.38 0.25 0.00	18.75 0.39 0.00	18.11 0.37 0.00	18.07 0.39 0.00	18.64 0.45 0.00	21.31 0.66 0.00	25.97 0.78 0.00	29.71 0.41 0.00	30.33 0.59 0.00	27.82 0.41 0.00	26.79 0.29 0.00	26.70 0.37 0.00	25.53 0.28 0.00	24.88 0.20 0.00	23.62 -0.02 0.00	23.31 -0.12 0.00	24.48 -0.45 0.00	27.66 -0.80 0.00	29.75 -0.39 0.00	30.82 0.37 0.00	30.26 0.00 0.00	27.04 0.37 0.00	23.65 0.14 0.00	22.14 0.39 0.00

BINGHAMTON___COGEN 23790	19.36 0.23 0.00	18.63 0.26 0.00	17.99 0.25 0.00	17.91 0.23 0.00	18.44 0.25 0.00	21.00 0.35 0.00	25.72 0.53 0.00	29.80 0.50 0.00	30.87 1.13 0.00	28.40 0.99 0.00	27.35 0.85 0.00	27.18 0.84 0.00	26.04 0.78 0.00	25.40 0.72 0.00	24.30 0.66 0.00	24.02 0.59 0.00	25.50 0.57 0.00	29.05 0.60 0.00	30.96 0.81 0.00	31.74 1.28 0.00	31.11 0.85 0.00	27.58 0.91 0.00	24.26 0.75 0.00	22.53 0.78 0.00
BIXINCNT_115KV_LOAD 355685	19.69 0.55 0.00	19.09 0.72 0.00	18.42 0.67 0.00	18.35 0.67 0.00	18.93 0.75 0.00	21.67 1.01 0.00	26.53 1.34 0.00	30.36 1.05 0.00	30.93 1.19 0.00	28.40 0.99 0.00	27.29 0.79 0.00	27.20 0.87 0.00	25.96 0.71 0.00	25.22 0.54 0.00	23.90 0.26 0.00	23.57 0.14 0.00	24.75 -0.17 0.00	27.97 -0.48 0.00	30.08 -0.06 0.00	31.19 0.73 0.00	30.47 0.21 0.00	27.23 0.56 0.00	23.79 0.28 0.00	22.31 0.57 0.00
BLACK RIVER___HYD 24047	18.90 -0.23 0.00	18.11 -0.26 0.00	17.46 -0.28 0.00	17.41 -0.26 0.00	17.98 -0.20 0.00	20.51 -0.14 0.00	25.12 -0.08 0.00	29.57 0.26 0.00	29.65 -0.09 0.00	27.05 -0.36 0.00	26.02 -0.48 0.00	25.83 -0.50 0.00	24.65 -0.61 0.00	24.04 -0.64 0.00	23.03 -0.61 0.00	22.80 -0.63 0.00	24.43 -0.50 0.00	28.12 -0.34 0.00	29.90 -0.24 0.00	30.34 -0.12 0.00	30.20 -0.06 0.00	26.64 -0.03 0.00	23.41 -0.09 0.00	21.73 -0.02 0.00
BLACKRVR_115KV_TB2 79977	18.90 -0.23 0.00	18.11 -0.26 0.00	17.46 -0.28 0.00	17.41 -0.27 0.00	17.98 -0.20 0.00	20.51 -0.14 0.00	25.12 -0.08 0.00	29.57 0.26 0.00	29.68 -0.06 0.00	27.05 -0.36 0.00	26.05 -0.45 0.00	25.86 -0.47 0.00	24.67 -0.58 0.00	24.09 -0.59 0.00	23.03 -0.61 0.00	22.80 -0.63 0.00	24.45 -0.47 0.00	28.12 -0.34 0.00	29.90 -0.24 0.00	30.37 -0.09 0.00	30.20 -0.06 0.00	26.67 0.00 0.00	23.41 -0.09 0.00	21.73 -0.02 0.00
BLISS_WT_PWR 323608	19.71 0.57 0.00	19.08 0.72 0.00	18.42 0.67 0.00	18.37 0.69 0.00	18.93 0.75 0.00	21.69 1.03 0.00	26.48 1.28 0.00	30.42 1.11 0.00	30.78 1.04 0.00	28.23 0.82 0.00	27.16 0.66 0.00	27.07 0.74 0.00	25.68 0.43 0.00	24.95 0.27 0.00	23.78 0.14 0.00	23.48 0.05 0.00	24.52 -0.40 0.00	27.72 -0.74 0.00	29.75 -0.39 0.00	30.73 0.27 0.00	30.68 0.42 0.00	26.75 0.08 0.00	23.74 0.24 0.00	22.25 0.50 0.00
BLUESTONE___WT_PWR 323821	20.34 1.21 0.00	19.55 1.18 0.00	18.82 1.08 0.00	18.76 1.08 0.00	19.35 1.16 0.00	22.12 1.47 0.00	27.21 2.02 0.00	31.85 2.55 0.00	32.50 2.77 0.00	29.88 2.47 0.00	28.70 2.20 0.00	28.49 2.16 0.00	27.17 1.92 0.00	26.48 1.80 0.00	25.37 1.72 0.00	25.12 1.69 0.00	26.74 1.82 0.00	30.42 1.96 0.00	32.50 2.35 0.00	33.20 2.74 0.00	32.98 2.72 0.00	28.83 2.16 0.00	25.39 1.88 0.00	23.49 1.74 0.00
BLUE_CIRC_CHEM_DRP 24182	19.69 0.55 0.00	18.90 0.53 0.00	18.26 0.51 0.00	18.21 0.53 0.00	18.73 0.55 0.00	21.25 0.60 0.00	25.90 0.71 0.00	30.01 0.70 0.00	30.51 0.77 0.00	28.04 0.63 0.00	27.11 0.61 0.00	26.94 0.61 0.00	25.84 0.58 0.00	25.25 0.57 0.00	24.21 0.57 0.00	23.99 0.56 0.00	25.52 0.60 0.00	29.11 0.65 0.00	30.87 0.72 0.00	31.37 0.91 0.00	30.99 0.73 0.00	27.26 0.59 0.00	24.07 0.56 0.00	22.27 0.52 0.00
BOC_GAS_DRP 24189	19.51 0.38 0.00	18.74 0.37 0.00	18.10 0.35 0.00	18.03 0.35 0.00	18.53 0.35 0.00	21.00 0.35 0.00	25.62 0.43 0.00	29.71 0.41 0.00	30.24 0.51 0.00	27.85 0.44 0.00	26.92 0.42 0.00	26.75 0.42 0.00	25.71 0.45 0.00	25.13 0.44 0.00	24.11 0.47 0.00	23.88 0.45 0.00	25.40 0.47 0.00	28.97 0.51 0.00	30.72 0.57 0.00	31.22 0.76 0.00	30.80 0.54 0.00	27.10 0.43 0.00	23.91 0.40 0.00	22.10 0.35 0.00
BOONVILLE_115KV_TB1 79983	19.40 0.27 0.00	18.59 0.22 0.00	17.96 0.21 0.00	17.89 0.21 0.00	18.44 0.25 0.00	21.00 0.35 0.00	25.70 0.50 0.00	30.03 0.73 0.00	30.42 0.68 0.00	27.93 0.52 0.00	26.95 0.45 0.00	26.78 0.45 0.00	25.61 0.35 0.00	25.03 0.35 0.00	23.97 0.33 0.00	23.76 0.33 0.00	25.40 0.47 0.00	29.00 0.54 0.00	30.69 0.54 0.00	31.07 0.61 0.00	30.80 0.54 0.00	27.18 0.51 0.00	23.93 0.42 0.00	22.18 0.43 0.00
BORALEX_4TH_BRANCH 23824	19.67 0.54 0.00	18.86 0.50 0.00	18.22 0.48 0.00	18.15 0.48 0.00	18.67 0.49 0.00	21.23 0.58 0.00	25.87 0.68 0.00	29.86 0.56 0.00	30.33 0.59 0.00	27.79 0.38 0.00	26.95 0.45 0.00	26.70 0.37 0.00	25.61 0.35 0.00	25.08 0.39 0.00	24.09 0.45 0.00	23.90 0.47 0.00	25.50 0.57 0.00	29.05 0.60 0.00	30.78 0.63 0.00	31.46 1.01 0.00	30.96 0.70 0.00	27.23 0.56 0.00	24.02 0.52 0.00	22.20 0.46 0.00
BOWLINE___1 23526	19.74 0.61 0.00	18.96 0.59 0.00	18.29 0.55 0.00	18.21 0.53 0.00	18.67 0.49 0.00	21.13 0.48 0.00	25.87 0.68 0.00	30.27 0.97 0.00	30.78 1.04 0.00	28.48 1.07 0.00	27.53 1.03 0.00	27.39 1.05 0.00	26.42 1.16 0.00	25.87 1.18 0.00	24.78 1.13 0.00	24.51 1.08 0.00	26.02 1.10 0.00	29.71 1.25 0.00	31.44 1.30 0.00	32.07 1.61 0.00	31.74 1.48 0.00	27.58 0.91 0.00	24.38 0.87 0.00	22.40 0.65 0.00
BOWLINE___2 23595	19.74 0.61 0.00	18.96 0.59 0.00	18.29 0.55 0.00	18.21 0.53 0.00	18.67 0.49 0.00	21.13 0.48 0.00	25.87 0.68 0.00	30.27 0.97 0.00	30.78 1.04 0.00	28.48 1.07 0.00	27.53 1.03 0.00	27.39 1.05 0.00	26.42 1.16 0.00	25.87 1.18 0.00	24.78 1.13 0.00	24.51 1.08 0.00	26.02 1.10 0.00	29.71 1.25 0.00	31.44 1.30 0.00	32.07 1.61 0.00	31.74 1.48 0.00	27.58 0.91 0.00	24.38 0.87 0.00	22.40 0.65 0.00
BRADY___115KV_TB2 356060	19.11 -0.02 0.00	18.33 -0.04 0.00	17.71 -0.04 0.00	17.66 -0.02 0.00	18.20 0.02 0.00	20.76 0.10 0.00	25.24 0.05 0.00	29.74 0.44 0.00	29.97 0.24 0.00	27.63 0.22 0.00	26.66 0.16 0.00	26.46 0.13 0.00	25.31 0.05 0.00	24.73 0.05 0.00	23.66 0.02 0.00	23.46 0.02 0.00	25.02 0.10 0.00	28.66 0.20 0.00	30.23 0.09 0.00	30.28 -0.18 0.00	30.41 0.15 0.00	26.86 0.19 0.00	23.60 0.09 0.00	21.79 0.04 0.00
BRANSCOMB___SOLAR 323811	19.69 0.56 0.00	18.87 0.50 0.00	18.24 0.50 0.00	18.19 0.51 0.00	18.73 0.54 0.00	21.27 0.62 0.00	26.00 0.81 0.00	30.24 0.94 0.00	30.63 0.89 0.00	28.15 0.74 0.00	27.24 0.74 0.00	27.04 0.71 0.00	25.96 0.71 0.00	25.35 0.67 0.00	24.28 0.64 0.00	24.07 0.63 0.00	25.62 0.70 0.00	29.23 0.77 0.00	31.02 0.87 0.00	31.55 1.09 0.00	31.35 1.09 0.00	27.41 0.75 0.00	24.12 0.61 0.00	22.27 0.52 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	20.53 1.40 0.00	19.51 1.14 0.00	18.82 1.08 0.00	18.74 1.06 0.00	19.24 1.05 0.00	21.98 1.32 0.00	26.68 1.49 0.00	30.97 1.67 0.00	31.88 2.14 0.00	29.81 2.38 -0.01	31.68 2.15 -3.04	31.63 2.19 -3.11	30.80 2.17 -3.38	30.71 2.12 -3.91	30.27 2.08 -4.55	30.81 2.04 -5.34	31.29 2.14 -4.22	31.95 2.56 -0.93	33.69 2.53 -1.02	33.75 2.77 -0.52	32.61 2.33 -0.02	31.77 2.11 -3.00	29.00 1.95 -3.55	23.43 1.67 -0.01

BRISTLHL_115KV_TB1 79998	18.71 -0.42 0.00	17.98 -0.39 0.00	17.37 -0.37 0.00	17.31 -0.37 0.00	17.80 -0.38 0.00	20.26 -0.39 0.00	24.74 -0.45 0.00	28.75 -0.56 0.00	29.02 -0.71 0.00	26.72 -0.69 0.00	25.84 -0.66 0.00	25.65 -0.68 0.00	24.57 -0.68 0.00	23.99 -0.69 0.00	22.96 -0.69 0.00	22.78 -0.66 0.00	24.23 -0.70 0.00	27.63 -0.83 0.00	29.39 -0.75 0.00	29.85 -0.61 0.00	29.56 -0.70 0.00	26.08 -0.59 0.00	22.94 -0.56 0.00	21.31 -0.43 0.00
BROOKHAVEN___DRP 24191	20.41 1.28 0.00	19.42 1.05 0.00	18.72 0.98 0.00	18.65 0.97 0.00	19.15 0.96 0.00	21.87 1.22 0.00	26.40 1.21 0.00	30.62 1.32 0.00	31.46 1.72 0.00	29.45 2.03 -0.01	31.39 1.85 -3.04	31.20 1.76 -3.11	30.42 1.79 -3.38	30.27 1.68 -3.91	29.83 1.63 -4.55	30.39 1.62 -5.34	30.82 1.67 -4.22	31.60 2.19 -0.95	33.48 2.20 -1.13	38.07 2.50 -5.11	32.46 2.06 -0.14	31.45 1.79 -3.00	28.77 1.72 -3.55	23.22 1.46 -0.01
BROOKLYN_NAVY_YARD 23515	19.88 0.75 0.00	19.05 0.68 0.00	18.38 0.64 0.00	18.28 0.60 0.00	18.75 0.56 0.00	21.15 0.49 0.00	25.92 0.73 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.78 1.37 0.00	27.77 1.27 0.00	27.67 1.34 0.00	26.77 1.52 0.00	26.19 1.51 0.00	25.08 1.44 0.00	24.81 1.38 0.00	26.34 1.42 0.00	30.11 1.65 0.00	31.83 1.69 0.00	32.38 1.92 0.00	32.04 1.78 0.00	27.76 1.09 0.00	24.52 1.01 0.00	22.44 0.70 0.00
BROOKLYN___ARMY_DRP 323595	20.05 0.92 0.00	19.18 0.81 0.00	18.51 0.76 0.00	18.38 0.71 0.00	18.85 0.67 0.00	21.15 0.50 0.00	25.87 0.68 0.00	30.27 0.97 0.00	31.04 1.31 0.00	28.83 1.43 0.00	27.80 1.30 0.00	27.78 1.45 0.00	26.87 1.62 0.00	26.26 1.58 0.00	25.22 1.58 0.00	24.93 1.50 0.00	26.49 1.57 0.00	30.36 1.91 0.00	32.13 1.99 0.00	32.47 2.01 0.00	31.80 1.54 0.00	27.71 1.04 0.00	24.61 1.10 0.00	22.55 0.80 0.00
BROOKVLE_69_KV_TB1 55790	20.13 0.99 0.00	19.21 0.84 0.00	18.52 0.78 0.00	18.46 0.78 0.00	18.93 0.75 0.00	21.50 0.85 0.00	26.20 1.01 0.00	30.50 1.20 0.00	31.31 1.58 0.00	29.18 1.75 -0.01	31.18 1.64 -3.04	31.15 1.71 -3.11	30.40 1.77 -3.38	30.32 1.73 -3.91	29.90 1.70 -4.55	30.41 1.64 -5.34	30.82 1.67 -4.22	31.35 1.96 -0.93	33.23 2.08 -1.00	32.72 2.25 -0.01	32.09 1.82 -0.01	31.08 1.41 -3.00	28.41 1.36 -3.54	22.89 1.13 -0.01
BROOME_2_LFGE 323671	19.36 0.23 0.00	18.63 0.26 0.00	17.99 0.25 0.00	17.91 0.23 0.00	18.44 0.25 0.00	21.00 0.35 0.00	25.70 0.50 0.00	29.86 0.56 0.00	30.81 1.07 0.00	28.31 0.90 0.00	27.29 0.79 0.00	27.12 0.79 0.00	25.96 0.71 0.00	25.35 0.67 0.00	24.25 0.61 0.00	23.99 0.56 0.00	25.42 0.50 0.00	28.97 0.51 0.00	30.84 0.69 0.00	31.62 1.16 0.00	31.41 1.15 0.00	27.41 0.75 0.00	24.26 0.75 0.00	22.53 0.78 0.00
BROOME___LFGE 323600	19.36 0.23 0.00	18.63 0.26 0.00	17.99 0.25 0.00	17.91 0.23 0.00	18.44 0.25 0.00	21.00 0.35 0.00	25.70 0.50 0.00	29.86 0.56 0.00	30.81 1.07 0.00	28.31 0.90 0.00	27.29 0.79 0.00	27.12 0.79 0.00	25.96 0.71 0.00	25.35 0.67 0.00	24.25 0.61 0.00	23.99 0.56 0.00	25.42 0.50 0.00	28.97 0.51 0.00	30.84 0.69 0.00	31.62 1.16 0.00	31.41 1.15 0.00	27.41 0.75 0.00	24.26 0.75 0.00	22.53 0.78 0.00
BROWNFLS_115KV_TB_3_5 80003	18.69 -0.44 0.00	17.91 -0.46 0.00	17.28 -0.46 0.00	17.24 -0.44 0.00	17.78 -0.40 0.00	20.28 -0.37 0.00	24.69 -0.50 0.00	29.07 -0.23 0.00	29.26 -0.48 0.00	26.89 -0.52 0.00	25.91 -0.58 0.00	25.73 -0.61 0.00	24.57 -0.68 0.00	24.02 -0.67 0.00	22.98 -0.66 0.00	22.78 -0.66 0.00	24.35 -0.57 0.00	27.94 -0.51 0.00	29.48 -0.66 0.00	29.67 -0.79 0.00	29.62 -0.64 0.00	26.22 -0.45 0.00	23.04 -0.47 0.00	21.36 -0.39 0.00
BROWNSV1_27_KV_LOAD 356125	20.07 0.94 0.00	19.23 0.86 0.00	18.56 0.82 0.00	18.46 0.78 0.00	18.91 0.73 0.00	21.34 0.68 0.00	26.15 0.96 0.00	30.53 1.23 0.00	31.31 1.58 0.00	29.05 1.64 0.00	28.03 1.54 0.00	27.97 1.63 0.00	27.00 1.74 0.00	26.38 1.70 0.00	25.32 1.68 0.00	25.03 1.59 0.00	26.57 1.65 0.00	30.42 1.96 0.00	32.22 2.08 0.00	32.62 2.16 0.00	31.95 1.69 0.00	27.90 1.23 0.00	24.75 1.25 0.00	22.66 0.91 0.00
BURROWS___LYONSDAL 23803	19.30 0.17 0.00	18.50 0.13 0.00	17.87 0.12 0.00	17.80 0.12 0.00	18.35 0.16 0.00	20.90 0.25 0.00	25.57 0.38 0.00	29.95 0.64 0.00	30.27 0.54 0.00	27.77 0.36 0.00	26.79 0.29 0.00	26.60 0.26 0.00	25.43 0.18 0.00	24.88 0.20 0.00	23.81 0.17 0.00	23.60 0.16 0.00	25.22 0.30 0.00	28.86 0.40 0.00	30.47 0.33 0.00	30.82 0.37 0.00	30.59 0.33 0.00	27.02 0.35 0.00	23.79 0.28 0.00	22.10 0.35 0.00
CAITHNESS_CC_1 323624	20.36 1.23 0.00	19.36 0.99 0.00	18.66 0.92 0.00	18.60 0.92 0.00	19.09 0.91 0.00	21.79 1.14 0.00	26.15 0.96 0.00	30.50 1.20 0.00	31.31 1.57 0.00	29.40 1.97 -0.01	31.26 1.72 -3.04	31.15 1.71 -3.11	30.42 1.79 -3.38	30.32 1.73 -3.91	29.82 1.63 -4.55	30.39 1.62 -5.34	30.87 1.72 -4.22	31.48 2.08 -0.95	33.36 2.08 -1.14	38.04 2.47 -5.12	32.73 2.33 -0.14	31.45 1.79 -3.00	28.70 1.64 -3.55	23.15 1.39 -0.01
CALPINE BETH_PAGE_GT4 24209	20.18 1.05 0.00	19.21 0.84 0.00	18.52 0.78 0.00	18.46 0.78 0.00	18.95 0.76 0.00	21.58 0.93 0.00	26.15 0.96 0.00	30.33 1.03 0.00	31.16 1.43 0.00	29.15 1.73 -0.01	31.08 1.54 -3.04	31.02 1.58 -3.11	30.27 1.64 -3.38	30.19 1.60 -3.91	29.80 1.61 -4.55	30.32 1.55 -5.34	30.74 1.60 -4.22	31.27 1.88 -0.93	33.17 2.02 -1.00	32.69 2.22 -0.01	32.03 1.76 -0.01	31.02 1.36 -3.00	28.39 1.34 -3.54	22.89 1.13 -0.01
CALPINE_BETH_PAGE_GT_4 323586	20.18 1.05 0.00	19.21 0.85 0.00	18.52 0.78 0.00	18.45 0.78 0.00	18.95 0.76 0.00	21.58 0.93 0.00	26.07 0.88 0.00	30.30 1.00 0.00	31.10 1.37 0.00	29.15 1.73 -0.01	31.07 1.54 -3.04	31.02 1.58 -3.11	30.32 1.69 -3.38	30.27 1.68 -3.91	29.80 1.61 -4.55	30.34 1.57 -5.34	30.74 1.60 -4.22	31.27 1.88 -0.93	33.11 1.96 -1.00	32.76 2.29 -0.01	32.42 2.15 -0.01	31.10 1.44 -3.00	28.39 1.34 -3.54	22.89 1.13 -0.01
CALPINE_BP_GT1 23823	20.18 1.05 0.00	19.21 0.85 0.00	18.52 0.78 0.00	18.45 0.78 0.00	18.95 0.76 0.00	21.58 0.93 0.00	26.07 0.88 0.00	30.30 1.00 0.00	31.10 1.37 0.00	29.15 1.73 -0.01	31.07 1.54 -3.04	31.02 1.58 -3.11	30.32 1.69 -3.38	30.27 1.68 -3.91	29.80 1.61 -4.55	30.34 1.57 -5.34	30.74 1.60 -4.22	31.27 1.88 -0.93	33.11 1.96 -1.00	32.76 2.29 -0.01	32.42 2.15 -0.01	31.10 1.44 -3.00	28.39 1.34 -3.54	22.89 1.13 -0.01
CALSPAN___DRP 24200	19.32 0.19 0.00	18.70 0.33 0.00	18.06 0.32 0.00	18.00 0.32 0.00	18.56 0.38 0.00	21.23 0.58 0.00	25.87 0.68 0.00	29.60 0.29 0.00	30.21 0.48 0.00	27.68 0.27 0.00	26.68 0.19 0.00	26.60 0.26 0.00	25.43 0.18 0.00	24.78 0.10 0.00	23.52 -0.12 0.00	23.22 -0.21 0.00	24.40 -0.52 0.00	27.57 -0.88 0.00	29.63 -0.51 0.00	30.70 0.24 0.00	30.17 -0.09 0.00	26.94 0.27 0.00	23.55 0.05 0.00	22.05 0.30 0.00

CALVERTON___SOLAR 323806	20.49 1.36 0.00	19.47 1.10 0.00	18.79 1.05 0.00	18.72 1.04 0.00	19.22 1.04 0.00	21.96 1.30 0.00	26.25 1.06 0.00	30.68 1.38 0.00	31.49 1.75 0.00	29.56 2.14 -0.01	31.42 1.88 -3.04	31.28 1.84 -3.11	30.55 1.92 -3.38	30.39 1.80 -3.91	29.90 1.70 -4.55	30.46 1.69 -5.34	30.94 1.80 -4.22	31.63 2.22 -0.95	33.57 2.29 -1.13	38.25 2.68 -5.11	32.97 2.57 -0.14	31.64 1.97 -3.00	28.86 1.81 -3.55	23.30 1.54 -0.01
CANDIGU_WT_PWR 323617	19.69 0.56 0.00	19.01 0.64 0.00	18.33 0.58 0.00	18.24 0.57 0.00	18.78 0.60 0.00	21.50 0.85 0.00	26.38 1.18 0.00	30.44 1.14 0.00	31.16 1.43 0.00	28.56 1.15 0.00	27.48 0.98 0.00	27.28 0.95 0.00	26.06 0.81 0.00	25.40 0.72 0.00	24.28 0.64 0.00	24.02 0.59 0.00	25.42 0.50 0.00	28.97 0.51 0.00	30.99 0.84 0.00	31.92 1.46 0.00	31.68 1.42 0.00	27.60 0.93 0.00	24.38 0.87 0.00	22.73 0.98 0.00
CARR STREET_E_SYR 24060	18.88 -0.25 0.00	18.15 -0.22 0.00	17.53 -0.21 0.00	17.45 -0.23 0.00	17.96 -0.22 0.00	20.45 -0.21 0.00	24.97 -0.23 0.00	29.07 -0.24 0.00	29.26 -0.48 0.00	26.94 -0.47 0.00	26.05 -0.45 0.00	25.88 -0.45 0.00	24.77 -0.48 0.00	24.19 -0.49 0.00	23.17 -0.47 0.00	22.96 -0.47 0.00	24.40 -0.52 0.00	27.83 -0.63 0.00	29.60 -0.54 0.00	30.03 -0.43 0.00	29.90 -0.36 0.00	26.24 -0.43 0.00	23.13 -0.38 0.00	21.49 -0.26 0.00
CARTHAGE___PAPER 23857	18.85 -0.29 0.00	18.04 -0.33 0.00	17.42 -0.32 0.00	17.36 -0.32 0.00	17.91 -0.27 0.00	20.45 -0.21 0.00	25.02 -0.18 0.00	29.39 0.09 0.00	29.56 -0.18 0.00	26.97 -0.44 0.00	25.97 -0.53 0.00	25.75 -0.58 0.00	24.60 -0.66 0.00	23.99 -0.69 0.00	22.98 -0.66 0.00	22.78 -0.66 0.00	24.43 -0.50 0.00	28.12 -0.34 0.00	29.81 -0.33 0.00	30.18 -0.27 0.00	30.02 -0.24 0.00	26.54 -0.13 0.00	23.32 -0.19 0.00	21.66 -0.09 0.00
CASSADAGA_WT_PWR 323784	19.92 0.78 0.00	19.29 0.92 0.00	18.59 0.85 0.00	18.58 0.90 0.00	19.18 1.00 0.00	22.00 1.34 0.00	26.86 1.66 0.00	30.85 1.55 0.00	31.28 1.55 0.00	28.67 1.26 0.00	27.58 1.09 0.00	27.49 1.16 0.00	26.09 0.83 0.00	25.37 0.69 0.00	24.23 0.59 0.00	23.92 0.49 0.00	25.00 0.07 0.00	28.32 -0.14 0.00	30.38 0.24 0.00	31.34 0.88 0.00	31.44 1.18 0.00	27.47 0.80 0.00	24.28 0.77 0.00	22.75 1.00 0.00
CE_DUNWOOD___DRP 24194	19.86 0.73 0.00	19.05 0.68 0.00	18.38 0.64 0.00	18.30 0.62 0.00	18.75 0.56 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.24 0.94 0.00	30.93 1.19 0.00	28.64 1.23 0.00	27.66 1.17 0.00	27.57 1.24 0.00	26.54 1.29 0.00	25.97 1.28 0.00	24.92 1.28 0.00	24.65 1.22 0.00	26.17 1.25 0.00	29.94 1.48 0.00	31.71 1.57 0.00	32.19 1.74 0.00	31.56 1.30 0.00	27.63 0.96 0.00	24.47 0.96 0.00	22.47 0.72 0.00
CE_MILLWOOD___DRP 24193	19.82 0.69 0.00	19.01 0.64 0.00	18.35 0.60 0.00	18.26 0.58 0.00	18.73 0.55 0.00	21.17 0.52 0.00	25.92 0.73 0.00	30.18 0.88 0.00	30.84 1.10 0.00	28.56 1.15 0.00	27.58 1.09 0.00	27.47 1.13 0.00	26.47 1.21 0.00	25.89 1.21 0.00	24.85 1.21 0.00	24.58 1.15 0.00	26.10 1.17 0.00	29.82 1.37 0.00	31.62 1.48 0.00	32.07 1.61 0.00	31.47 1.21 0.00	27.58 0.91 0.00	24.42 0.92 0.00	22.42 0.67 0.00
CE_NYC2_DRP 24202	19.99 0.86 0.00	19.14 0.77 0.00	18.47 0.73 0.00	18.37 0.69 0.00	18.84 0.65 0.00	21.15 0.50 0.00	25.87 0.68 0.00	30.21 0.91 0.00	30.99 1.25 0.00	28.75 1.34 0.00	27.74 1.25 0.00	27.70 1.37 0.00	26.77 1.52 0.00	26.16 1.48 0.00	25.13 1.49 0.00	24.84 1.41 0.00	26.37 1.45 0.00	30.19 1.74 0.00	31.95 1.81 0.00	32.32 1.86 0.00	31.65 1.39 0.00	27.60 0.93 0.00	24.54 1.03 0.00	22.51 0.76 0.00
CE_NYC_DRP 24195	19.90 0.77 0.00	19.07 0.70 0.00	18.42 0.67 0.00	18.33 0.65 0.00	18.78 0.60 0.00	21.17 0.52 0.00	25.92 0.73 0.00	30.27 0.97 0.00	31.01 1.28 0.00	28.78 1.37 0.00	27.77 1.27 0.00	27.70 1.37 0.00	26.75 1.49 0.00	26.14 1.46 0.00	25.08 1.44 0.00	24.79 1.36 0.00	26.32 1.40 0.00	30.14 1.68 0.00	31.92 1.78 0.00	32.32 1.86 0.00	31.65 1.39 0.00	27.66 0.99 0.00	24.54 1.03 0.00	22.49 0.74 0.00
CHAFFEE___LFGE 323603	19.34 0.21 0.00	18.72 0.35 0.00	18.08 0.34 0.00	18.03 0.35 0.00	18.58 0.40 0.00	21.27 0.62 0.00	25.87 0.68 0.00	29.68 0.38 0.00	30.12 0.39 0.00	27.63 0.22 0.00	26.63 0.13 0.00	26.57 0.24 0.00	25.23 -0.03 0.00	24.58 -0.10 0.00	23.50 -0.14 0.00	23.24 -0.19 0.00	24.30 -0.62 0.00	27.52 -0.94 0.00	29.51 -0.63 0.00	30.40 -0.06 0.00	30.53 0.27 0.00	26.67 0.00 0.00	23.65 0.14 0.00	22.14 0.39 0.00
CHATEAUG_35_KV_LOAD 355732	19.34 0.21 0.00	18.57 0.20 0.00	17.99 0.25 0.00	17.98 0.30 0.00	18.58 0.40 0.00	21.23 0.58 0.00	25.55 0.35 0.00	30.12 0.82 0.00	30.36 0.62 0.00	28.23 0.82 0.00	27.24 0.74 0.00	26.99 0.66 0.00	25.79 0.53 0.00	25.15 0.47 0.00	24.02 0.38 0.00	23.83 0.40 0.00	25.42 0.50 0.00	29.28 0.83 0.00	30.99 0.84 0.00	31.07 0.61 0.00	31.02 0.76 0.00	27.34 0.67 0.00	24.00 0.49 0.00	22.14 0.39 0.00
CHATEAUG_WT_PWR 323614	19.32 0.19 0.00	18.55 0.18 0.00	17.97 0.23 0.00	17.98 0.30 0.00	18.56 0.38 0.00	21.23 0.58 0.00	25.52 0.33 0.00	30.04 0.73 0.00	30.42 0.68 0.00	28.37 0.96 0.00	27.37 0.87 0.00	27.10 0.76 0.00	25.89 0.63 0.00	25.22 0.54 0.00	24.09 0.45 0.00	23.90 0.47 0.00	25.50 0.57 0.00	29.34 0.88 0.00	31.11 0.96 0.00	31.16 0.70 0.00	30.77 0.51 0.00	27.39 0.72 0.00	24.05 0.54 0.00	22.18 0.43 0.00
CHAT_HIGH_FALL_HYD 323578	19.34 0.21 0.00	18.57 0.20 0.00	17.99 0.25 0.00	17.98 0.30 0.00	18.58 0.40 0.00	21.23 0.58 0.00	25.55 0.35 0.00	30.12 0.82 0.00	30.36 0.62 0.00	28.23 0.82 0.00	27.24 0.74 0.00	26.99 0.66 0.00	25.79 0.53 0.00	25.15 0.47 0.00	24.02 0.38 0.00	23.83 0.40 0.00	25.42 0.50 0.00	29.28 0.83 0.00	30.99 0.84 0.00	31.07 0.61 0.00	31.02 0.76 0.00	27.34 0.67 0.00	24.00 0.49 0.00	22.14 0.39 0.00
CHAUTAUQUA___LFGE 323629	19.67 0.53 0.00	19.05 0.68 0.00	18.38 0.64 0.00	18.33 0.65 0.00	18.91 0.73 0.00	21.67 1.01 0.00	26.43 1.23 0.00	30.33 1.03 0.00	30.75 1.01 0.00	28.18 0.77 0.00	27.13 0.63 0.00	27.04 0.71 0.00	25.68 0.43 0.00	25.00 0.32 0.00	23.88 0.24 0.00	23.60 0.17 0.00	24.68 -0.25 0.00	27.95 -0.51 0.00	29.96 -0.18 0.00	30.94 0.49 0.00	31.02 0.76 0.00	27.09 0.43 0.00	24.02 0.52 0.00	22.49 0.74 0.00
CHERRYST_13_KV_LD 356241	19.95 0.82 0.00	19.12 0.75 0.00	18.45 0.71 0.00	18.37 0.69 0.00	18.82 0.64 0.00	21.23 0.58 0.00	26.00 0.81 0.00	30.39 1.08 0.00	31.13 1.40 0.00	28.89 1.48 0.00	27.88 1.38 0.00	27.81 1.47 0.00	26.82 1.57 0.00	26.21 1.53 0.00	25.18 1.54 0.00	24.88 1.45 0.00	26.42 1.50 0.00	30.22 1.76 0.00	32.01 1.87 0.00	32.41 1.95 0.00	31.74 1.48 0.00	27.71 1.04 0.00	24.59 1.08 0.00	22.53 0.78 0.00

CHESTROR_138KV_BK263 355645	19.67 0.54 0.00	18.88 0.51 0.00	18.22 0.48 0.00	18.14 0.46 0.00	18.62 0.44 0.00	21.07 0.41 0.00	25.77 0.58 0.00	29.98 0.67 0.00	30.60 0.86 0.00	28.29 0.88 0.00	27.35 0.85 0.00	27.23 0.90 0.00	26.19 0.93 0.00	25.62 0.94 0.00	24.56 0.92 0.00	24.32 0.89 0.00	25.82 0.90 0.00	29.51 1.05 0.00	31.29 1.15 0.00	31.80 1.34 0.00	31.23 0.97 0.00	27.42 0.75 0.00	24.23 0.73 0.00	22.29 0.54 0.00
CH_MIDHUDSON___DRP 24192	20.01 0.88 0.00	19.20 0.83 0.00	18.51 0.76 0.00	18.44 0.76 0.00	18.93 0.75 0.00	21.42 0.76 0.00	26.18 0.98 0.00	30.47 1.17 0.00	31.13 1.40 0.00	28.75 1.34 0.00	27.82 1.32 0.00	27.65 1.32 0.00	26.64 1.39 0.00	26.06 1.38 0.00	24.99 1.35 0.00	24.74 1.31 0.00	26.27 1.35 0.00	30.02 1.57 0.00	31.86 1.72 0.00	32.32 1.86 0.00	31.80 1.54 0.00	27.84 1.17 0.00	24.59 1.08 0.00	22.60 0.85 0.00
CH_MISC_IPPS 23765	19.99 0.86 0.00	19.18 0.81 0.00	18.49 0.75 0.00	18.42 0.74 0.00	18.91 0.73 0.00	21.40 0.74 0.00	26.17 0.98 0.00	30.59 1.29 0.00	31.13 1.40 0.00	28.75 1.34 0.00	27.80 1.30 0.00	27.65 1.32 0.00	26.69 1.44 0.00	26.11 1.43 0.00	24.99 1.35 0.00	24.77 1.33 0.00	26.27 1.34 0.00	30.02 1.56 0.00	31.80 1.66 0.00	32.35 1.89 0.00	32.11 1.85 0.00	27.87 1.20 0.00	24.56 1.06 0.00	22.57 0.83 0.00
CH_RES_BVR_FALLS 23983	19.04 -0.10 0.00	18.28 -0.09 0.00	17.65 -0.09 0.00	17.61 -0.07 0.00	18.13 -0.05 0.00	20.59 -0.06 0.00	25.07 -0.13 0.00	29.16 -0.15 0.00	29.65 -0.09 0.00	27.35 -0.05 0.00	26.44 -0.05 0.00	26.28 -0.05 0.00	25.18 -0.08 0.00	24.61 -0.07 0.00	23.57 -0.07 0.00	23.36 -0.07 0.00	24.85 -0.07 0.00	28.40 -0.06 0.00	30.02 -0.12 0.00	30.12 -0.33 0.00	29.87 -0.39 0.00	26.51 -0.16 0.00	23.34 -0.16 0.00	21.60 -0.15 0.00
CH_RES_NIAGARA 23895	18.50 -0.63 0.00	17.89 -0.48 0.00	17.30 -0.44 0.00	17.25 -0.42 0.00	17.78 -0.40 0.00	20.30 -0.35 0.00	24.64 -0.55 0.00	28.22 -1.08 0.00	28.75 -0.98 0.00	26.34 -1.07 0.00	25.38 -1.11 0.00	25.31 -1.03 0.00	24.24 -1.01 0.00	23.62 -1.06 0.00	22.41 -1.23 0.00	22.17 -1.27 0.00	23.25 -1.67 0.00	26.24 -2.22 0.00	28.21 -1.93 0.00	29.24 -1.22 0.00	28.81 -1.45 0.00	25.68 -0.99 0.00	22.52 -0.99 0.00	21.05 -0.70 0.00
CH_RES_SYRACUSE 23985	18.98 -0.15 0.00	18.24 -0.13 0.00	17.62 -0.12 0.00	17.55 -0.12 0.00	18.07 -0.11 0.00	20.57 -0.08 0.00	25.12 -0.08 0.00	29.24 -0.06 0.00	29.44 -0.30 0.00	27.11 -0.30 0.00	26.21 -0.29 0.00	26.04 -0.29 0.00	24.90 -0.35 0.00	24.31 -0.37 0.00	23.29 -0.35 0.00	23.08 -0.35 0.00	24.55 -0.37 0.00	28.00 -0.46 0.00	29.78 -0.36 0.00	30.18 -0.27 0.00	30.05 -0.21 0.00	26.40 -0.27 0.00	23.25 -0.26 0.00	21.60 -0.15 0.00
CLINTON_WT_PWR 323605	19.32 0.19 0.00	18.55 0.18 0.00	17.97 0.23 0.00	17.98 0.30 0.00	18.56 0.38 0.00	21.23 0.58 0.00	25.52 0.33 0.00	30.04 0.73 0.00	30.42 0.68 0.00	28.37 0.96 0.00	27.37 0.87 0.00	27.10 0.76 0.00	25.89 0.63 0.00	25.22 0.54 0.00	24.09 0.45 0.00	23.90 0.47 0.00	25.50 0.57 0.00	29.34 0.88 0.00	31.11 0.96 0.00	31.16 0.70 0.00	30.77 0.51 0.00	27.39 0.72 0.00	24.05 0.54 0.00	22.18 0.43 0.00
CLINTON___LFGE 323618	19.59 0.46 0.00	18.79 0.42 0.00	18.20 0.46 0.00	18.21 0.53 0.00	18.82 0.64 0.00	21.54 0.89 0.00	25.80 0.60 0.00	30.71 1.41 0.00	31.01 1.28 0.00	29.03 1.62 0.00	28.01 1.51 0.00	27.73 1.39 0.00	26.47 1.21 0.00	25.72 1.04 0.00	24.56 0.92 0.00	24.42 0.98 0.00	26.07 1.15 0.00	30.05 1.59 0.00	31.92 1.78 0.00	32.01 1.55 0.00	31.56 1.30 0.00	28.08 1.41 0.00	24.59 1.08 0.00	22.66 0.91 0.00
COBBLENY_34_KV_TB1 80064	19.34 0.21 0.00	18.72 0.35 0.00	18.08 0.34 0.00	18.03 0.35 0.00	18.58 0.40 0.00	21.27 0.62 0.00	25.92 0.73 0.00	29.65 0.35 0.00	30.30 0.56 0.00	27.79 0.38 0.00	26.76 0.26 0.00	26.70 0.37 0.00	25.53 0.28 0.00	24.88 0.20 0.00	23.62 -0.02 0.00	23.31 -0.12 0.00	24.48 -0.45 0.00	27.69 -0.77 0.00	29.78 -0.36 0.00	30.85 0.40 0.00	30.29 0.03 0.00	27.07 0.40 0.00	23.65 0.14 0.00	22.14 0.39 0.00
COFFEEN___115KV_TB3 355620	19.02 -0.11 0.00	18.20 -0.17 0.00	17.56 -0.18 0.00	17.50 -0.18 0.00	18.07 -0.11 0.00	20.63 -0.02 0.00	25.29 0.10 0.00	29.77 0.47 0.00	29.86 0.12 0.00	27.19 -0.22 0.00	26.15 -0.34 0.00	25.94 -0.39 0.00	24.75 -0.51 0.00	24.16 -0.52 0.00	23.10 -0.54 0.00	22.87 -0.56 0.00	24.55 -0.37 0.00	28.26 -0.20 0.00	30.14 0.00 0.00	30.64 0.18 0.00	30.44 0.18 0.00	26.88 0.21 0.00	23.60 0.09 0.00	21.88 0.13 0.00
COLDSPRG_115KV_BK1 355956	20.09 0.96 0.00	19.47 1.10 0.00	18.77 1.03 0.00	18.72 1.04 0.00	19.33 1.15 0.00	22.18 1.53 0.00	27.21 2.02 0.00	31.12 1.82 0.00	31.79 2.05 0.00	29.14 1.73 0.00	28.03 1.54 0.00	27.91 1.58 0.00	26.64 1.39 0.00	25.92 1.23 0.00	24.59 0.95 0.00	24.23 0.80 0.00	25.47 0.55 0.00	28.86 0.40 0.00	31.02 0.87 0.00	32.19 1.74 0.00	31.50 1.24 0.00	28.22 1.55 0.00	24.61 1.10 0.00	23.07 1.33 0.00
COLONIE_LFGE___ 323577	19.61 0.48 0.00	18.79 0.42 0.00	18.17 0.43 0.00	18.10 0.42 0.00	18.62 0.44 0.00	21.15 0.49 0.00	25.80 0.60 0.00	29.98 0.67 0.00	30.36 0.63 0.00	27.90 0.49 0.00	27.03 0.53 0.00	26.83 0.50 0.00	25.73 0.48 0.00	25.20 0.52 0.00	24.14 0.50 0.00	23.95 0.51 0.00	25.50 0.57 0.00	29.06 0.60 0.00	30.81 0.66 0.00	31.40 0.95 0.00	31.17 0.91 0.00	27.23 0.56 0.00	23.98 0.47 0.00	22.18 0.43 0.00
COOPERNY_115KV_TB1 80082	19.53 0.40 0.00	18.75 0.39 0.00	18.10 0.35 0.00	18.01 0.34 0.00	18.51 0.33 0.00	20.96 0.31 0.00	25.67 0.48 0.00	29.83 0.53 0.00	30.45 0.71 0.00	28.15 0.74 0.00	27.21 0.72 0.00	27.07 0.74 0.00	26.01 0.76 0.00	25.42 0.74 0.00	24.37 0.73 0.00	24.14 0.70 0.00	25.65 0.72 0.00	29.28 0.83 0.00	31.05 0.90 0.00	31.55 1.10 0.00	31.02 0.76 0.00	27.28 0.61 0.00	24.12 0.61 0.00	22.20 0.46 0.00
COPENHAGEN_WT_PWR 323753	18.88 -0.25 0.00	18.07 -0.29 0.00	17.44 -0.30 0.00	17.39 -0.28 0.00	17.94 -0.24 0.00	20.47 -0.19 0.00	25.07 -0.13 0.00	29.45 0.15 0.00	29.56 -0.18 0.00	27.00 -0.41 0.00	25.99 -0.50 0.00	25.81 -0.53 0.00	24.62 -0.63 0.00	24.02 -0.67 0.00	23.00 -0.64 0.00	22.78 -0.66 0.00	24.38 -0.55 0.00	28.03 -0.43 0.00	29.81 -0.33 0.00	30.28 -0.18 0.00	30.11 -0.15 0.00	26.56 -0.11 0.00	23.37 -0.14 0.00	21.66 -0.09 0.00
CORNELL_____ 23752	19.50 0.36 0.00	18.75 0.39 0.00	18.10 0.35 0.00	18.03 0.35 0.00	18.56 0.38 0.00	21.17 0.52 0.00	25.95 0.76 0.00	30.12 0.82 0.00	29.91 0.18 0.00	27.49 0.08 0.00	26.44 -0.05 0.00	26.23 -0.11 0.00	25.08 -0.18 0.00	24.48 -0.20 0.00	23.40 -0.24 0.00	23.24 -0.19 0.00	24.77 -0.15 0.00	28.31 -0.14 0.00	30.23 0.09 0.00	30.73 0.27 0.00	30.47 0.21 0.00	26.88 0.21 0.00	23.58 0.07 0.00	21.88 0.13 0.00

CORONA__69_KV_TB1 355595	20.11 0.98 0.00	19.16 0.79 0.00	18.49 0.75 0.00	18.40 0.72 0.00	18.89 0.71 0.00	21.50 0.85 0.00	26.18 0.98 0.00	30.39 1.08 0.00	31.22 1.49 0.00	29.15 1.73 -0.01	31.05 1.51 -3.04	31.02 1.58 -3.11	30.27 1.64 -3.38	30.19 1.60 -3.91	29.78 1.58 -4.55	30.30 1.52 -5.34	30.72 1.57 -4.22	31.24 1.85 -0.93	33.11 1.96 -1.00	32.63 2.16 -0.01	32.00 1.72 -0.01	31.00 1.33 -3.00	28.38 1.34 -3.54	22.89 1.13 -0.01
CORTLAND__115KV_TB3 80093	19.48 0.34 0.00	18.70 0.33 0.00	18.06 0.32 0.00	18.00 0.32 0.00	18.53 0.35 0.00	21.11 0.45 0.00	25.87 0.68 0.00	30.15 0.85 0.00	30.45 0.71 0.00	27.98 0.58 0.00	27.00 0.50 0.00	26.81 0.47 0.00	25.66 0.40 0.00	25.05 0.37 0.00	23.97 0.33 0.00	23.78 0.35 0.00	25.35 0.42 0.00	28.94 0.48 0.00	30.81 0.66 0.00	31.28 0.82 0.00	30.99 0.73 0.00	27.34 0.67 0.00	24.00 0.49 0.00	22.23 0.48 0.00
COXSACKIE__GT 23611	20.34 1.21 0.00	19.51 1.14 0.00	18.81 1.06 0.00	18.77 1.10 0.00	19.36 1.18 0.00	22.06 1.41 0.00	26.88 1.69 0.00	31.27 1.96 0.00	31.58 1.84 0.00	28.75 1.34 0.00	27.74 1.25 0.00	27.44 1.11 0.00	26.34 1.09 0.00	25.74 1.06 0.00	24.63 0.99 0.00	24.46 1.03 0.00	26.10 1.17 0.00	29.85 1.39 0.00	31.83 1.69 0.00	32.38 1.92 0.00	32.26 2.00 0.00	28.16 1.49 0.00	24.73 1.22 0.00	22.88 1.13 0.00
CPV_VALLEY__CC1 323721	19.55 0.42 0.00	18.76 0.39 0.00	18.10 0.35 0.00	18.03 0.35 0.00	18.49 0.31 0.00	20.94 0.29 0.00	25.65 0.45 0.00	29.92 0.62 0.00	30.42 0.68 0.00	28.12 0.71 0.00	27.21 0.72 0.00	27.07 0.74 0.00	26.06 0.81 0.00	25.52 0.84 0.00	24.44 0.80 0.00	24.18 0.75 0.00	25.67 0.75 0.00	29.31 0.85 0.00	31.02 0.87 0.00	31.62 1.16 0.00	31.35 1.09 0.00	27.28 0.61 0.00	24.09 0.59 0.00	22.18 0.43 0.00
CPV_VALLEY__CC2 323722	19.55 0.42 0.00	18.76 0.39 0.00	18.10 0.35 0.00	18.03 0.35 0.00	18.49 0.31 0.00	20.94 0.29 0.00	25.65 0.45 0.00	29.92 0.62 0.00	30.42 0.68 0.00	28.12 0.71 0.00	27.21 0.72 0.00	27.07 0.74 0.00	26.06 0.81 0.00	25.52 0.84 0.00	24.44 0.80 0.00	24.18 0.75 0.00	25.67 0.75 0.00	29.31 0.85 0.00	31.02 0.87 0.00	31.62 1.16 0.00	31.35 1.09 0.00	27.28 0.61 0.00	24.09 0.59 0.00	22.18 0.43 0.00
CRESCENT__HYD 24018	19.61 0.48 0.00	18.79 0.42 0.00	18.17 0.43 0.00	18.10 0.42 0.00	18.62 0.44 0.00	21.15 0.49 0.00	25.80 0.60 0.00	29.98 0.67 0.00	30.36 0.63 0.00	27.90 0.49 0.00	27.03 0.53 0.00	26.83 0.50 0.00	25.73 0.48 0.00	25.20 0.52 0.00	24.14 0.50 0.00	23.95 0.51 0.00	25.50 0.57 0.00	29.06 0.60 0.00	30.81 0.66 0.00	31.40 0.95 0.00	31.17 0.91 0.00	27.23 0.56 0.00	23.98 0.47 0.00	22.18 0.43 0.00
CRICKET__VALLEY_CC1 323756	19.61 0.48 0.00	18.83 0.46 0.00	18.19 0.44 0.00	18.12 0.44 0.00	18.58 0.40 0.00	21.00 0.35 0.00	25.65 0.45 0.00	29.89 0.59 0.00	30.33 0.59 0.00	27.99 0.58 0.00	27.08 0.58 0.00	26.91 0.58 0.00	25.91 0.66 0.00	25.40 0.72 0.00	24.35 0.71 0.00	24.11 0.68 0.00	25.62 0.70 0.00	29.25 0.80 0.00	30.96 0.81 0.00	31.62 1.16 0.00	31.32 1.06 0.00	27.23 0.56 0.00	24.02 0.52 0.00	22.12 0.37 0.00
CRICKET__VALLEY_CC2 323757	19.61 0.48 0.00	18.83 0.46 0.00	18.19 0.44 0.00	18.12 0.44 0.00	18.58 0.40 0.00	21.00 0.35 0.00	25.65 0.45 0.00	29.89 0.59 0.00	30.33 0.59 0.00	27.99 0.58 0.00	27.08 0.58 0.00	26.91 0.58 0.00	25.91 0.66 0.00	25.40 0.72 0.00	24.35 0.71 0.00	24.11 0.68 0.00	25.62 0.70 0.00	29.25 0.80 0.00	30.96 0.81 0.00	31.62 1.16 0.00	31.32 1.06 0.00	27.23 0.56 0.00	24.02 0.52 0.00	22.12 0.37 0.00
CRICKET__VALLEY_CC3 323758	19.61 0.48 0.00	18.83 0.46 0.00	18.19 0.44 0.00	18.12 0.44 0.00	18.58 0.40 0.00	21.00 0.35 0.00	25.65 0.45 0.00	29.89 0.59 0.00	30.33 0.59 0.00	27.99 0.58 0.00	27.08 0.58 0.00	26.91 0.58 0.00	25.91 0.66 0.00	25.40 0.72 0.00	24.35 0.71 0.00	24.11 0.68 0.00	25.62 0.70 0.00	29.25 0.80 0.00	30.96 0.81 0.00	31.62 1.16 0.00	31.32 1.06 0.00	27.23 0.56 0.00	24.02 0.52 0.00	22.12 0.37 0.00
CRUCIBLE__METL_DRP 24180	18.98 -0.15 0.00	18.24 -0.13 0.00	17.62 -0.12 0.00	17.55 -0.12 0.00	18.07 -0.11 0.00	20.57 -0.08 0.00	25.14 -0.05 0.00	29.21 -0.09 0.00	29.44 -0.30 0.00	27.13 -0.27 0.00	26.23 -0.26 0.00	26.07 -0.26 0.00	24.95 -0.30 0.00	24.36 -0.32 0.00	23.31 -0.33 0.00	23.10 -0.33 0.00	24.58 -0.35 0.00	28.03 -0.43 0.00	29.81 -0.33 0.00	30.28 -0.18 0.00	29.99 -0.27 0.00	26.46 -0.21 0.00	23.25 -0.26 0.00	21.60 -0.15 0.00
DAHOWA__HYDRO 323763	19.69 0.56 0.00	18.87 0.50 0.00	18.24 0.50 0.00	18.17 0.49 0.00	18.73 0.54 0.00	21.29 0.64 0.00	26.02 0.83 0.00	30.27 0.97 0.00	30.66 0.92 0.00	28.15 0.74 0.00	27.27 0.77 0.00	27.07 0.74 0.00	25.96 0.71 0.00	25.35 0.67 0.00	24.28 0.64 0.00	24.07 0.63 0.00	25.62 0.70 0.00	29.23 0.77 0.00	31.05 0.90 0.00	31.59 1.13 0.00	31.38 1.12 0.00	27.41 0.75 0.00	24.12 0.61 0.00	22.25 0.50 0.00
DANC__LFGE 323619	18.79 -0.34 0.00	18.00 -0.37 0.00	17.39 -0.35 0.00	17.32 -0.35 0.00	17.86 -0.33 0.00	20.32 -0.33 0.00	24.84 -0.35 0.00	29.10 -0.20 0.00	29.26 -0.48 0.00	26.78 -0.63 0.00	25.84 -0.66 0.00	25.65 -0.68 0.00	24.50 -0.76 0.00	23.92 -0.77 0.00	22.91 -0.73 0.00	22.68 -0.75 0.00	24.23 -0.70 0.00	27.77 -0.68 0.00	29.57 -0.57 0.00	30.00 -0.46 0.00	29.87 -0.39 0.00	26.27 -0.40 0.00	23.15 -0.35 0.00	21.49 -0.26 0.00
DANSKAMMER__1 23586	19.99 0.86 0.00	19.18 0.81 0.00	18.49 0.75 0.00	18.42 0.74 0.00	18.91 0.73 0.00	21.40 0.74 0.00	26.17 0.98 0.00	30.59 1.29 0.00	31.13 1.40 0.00	28.75 1.34 0.00	27.80 1.30 0.00	27.65 1.32 0.00	26.69 1.44 0.00	26.11 1.43 0.00	24.99 1.35 0.00	24.77 1.33 0.00	26.27 1.34 0.00	30.02 1.56 0.00	31.80 1.66 0.00	32.35 1.89 0.00	32.11 1.85 0.00	27.87 1.20 0.00	24.56 1.06 0.00	22.57 0.83 0.00
DANSKAMMER__2 23589	19.99 0.86 0.00	19.18 0.81 0.00	18.49 0.75 0.00	18.42 0.74 0.00	18.91 0.73 0.00	21.40 0.74 0.00	26.17 0.98 0.00	30.59 1.29 0.00	31.13 1.40 0.00	28.75 1.34 0.00	27.80 1.30 0.00	27.65 1.32 0.00	26.69 1.44 0.00	26.11 1.43 0.00	24.99 1.35 0.00	24.77 1.33 0.00	26.27 1.34 0.00	30.02 1.56 0.00	31.80 1.66 0.00	32.35 1.89 0.00	32.11 1.85 0.00	27.87 1.20 0.00	24.56 1.06 0.00	22.57 0.83 0.00
DANSKAMMER__3 23590	19.99 0.86 0.00	19.18 0.81 0.00	18.49 0.75 0.00	18.42 0.74 0.00	18.91 0.73 0.00	21.40 0.74 0.00	26.17 0.98 0.00	30.59 1.29 0.00	31.13 1.40 0.00	28.75 1.34 0.00	27.80 1.30 0.00	27.65 1.32 0.00	26.69 1.44 0.00	26.11 1.43 0.00	24.99 1.35 0.00	24.77 1.33 0.00	26.27 1.34 0.00	30.02 1.56 0.00	31.80 1.66 0.00	32.35 1.89 0.00	32.11 1.85 0.00	27.87 1.20 0.00	24.56 1.06 0.00	22.57 0.83 0.00

DANSKAMMER___4 23591	19.99 0.86 0.00	19.18 0.81 0.00	18.49 0.75 0.00	18.42 0.74 0.00	18.91 0.73 0.00	21.40 0.74 0.00	26.17 0.98 0.00	30.59 1.29 0.00	31.13 1.40 0.00	28.75 1.34 0.00	27.80 1.30 0.00	27.65 1.32 0.00	26.69 1.44 0.00	26.11 1.43 0.00	24.99 1.35 0.00	24.77 1.33 0.00	26.27 1.34 0.00	30.02 1.56 0.00	31.80 1.66 0.00	32.35 1.89 0.00	32.11 1.85 0.00	27.87 1.20 0.00	24.56 1.06 0.00	22.57 0.83 0.00
DANSKAMMER___DIESEL 23592	19.99 0.86 0.00	19.18 0.81 0.00	18.49 0.75 0.00	18.42 0.74 0.00	18.91 0.73 0.00	21.40 0.74 0.00	26.15 0.96 0.00	30.45 1.14 0.00	31.10 1.37 0.00	28.72 1.32 0.00	27.82 1.32 0.00	27.65 1.32 0.00	26.64 1.39 0.00	26.06 1.38 0.00	24.99 1.35 0.00	24.72 1.29 0.00	26.25 1.32 0.00	29.99 1.54 0.00	31.83 1.69 0.00	32.29 1.83 0.00	31.74 1.48 0.00	27.82 1.15 0.00	24.56 1.06 0.00	22.57 0.83 0.00
DARBY___SOLAR 323810	19.71 0.57 0.00	18.88 0.51 0.00	18.26 0.51 0.00	18.19 0.51 0.00	18.73 0.54 0.00	21.29 0.64 0.00	26.02 0.83 0.00	30.27 0.97 0.00	30.66 0.92 0.00	28.18 0.77 0.00	27.27 0.77 0.00	27.07 0.74 0.00	25.99 0.73 0.00	25.37 0.69 0.00	24.30 0.66 0.00	24.09 0.66 0.00	25.65 0.72 0.00	29.23 0.77 0.00	31.05 0.90 0.00	31.59 1.13 0.00	31.38 1.12 0.00	27.44 0.77 0.00	24.14 0.63 0.00	22.29 0.54 0.00
DASHVILLE___HYD 23610	19.69 0.55 0.00	18.90 0.53 0.00	18.22 0.48 0.00	18.14 0.46 0.00	18.62 0.44 0.00	21.00 0.35 0.00	25.65 0.45 0.00	29.83 0.53 0.00	30.42 0.68 0.00	28.15 0.74 0.00	27.24 0.74 0.00	27.07 0.74 0.00	26.09 0.83 0.00	25.52 0.84 0.00	24.49 0.85 0.00	24.23 0.80 0.00	25.72 0.80 0.00	29.42 0.97 0.00	31.20 1.05 0.00	31.68 1.22 0.00	31.11 0.85 0.00	27.28 0.61 0.00	24.16 0.66 0.00	22.23 0.48 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	20.93 1.80 0.00	19.89 1.52 0.00	19.18 1.44 0.00	19.11 1.43 0.00	19.62 1.44 0.00	22.45 1.80 0.00	27.06 1.86 0.00	31.50 2.20 0.00	32.44 2.71 0.00	30.35 2.93 -0.01	32.35 2.81 -3.04	32.10 2.66 -3.11	31.28 2.65 -3.38	31.03 2.44 -3.91	30.51 2.32 -4.55	31.09 2.32 -5.34	31.57 2.42 -4.22	32.48 3.07 -0.95	34.44 3.16 -1.13	39.00 3.44 -5.10	33.37 2.97 -0.14	32.25 2.59 -3.00	29.45 2.40 -3.55	23.83 2.07 -0.01
DELAWARE___LFGE 323621	19.63 0.50 0.00	18.85 0.48 0.00	18.20 0.46 0.00	18.12 0.44 0.00	18.64 0.45 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.18 0.88 0.00	30.96 1.22 0.00	28.53 1.12 0.00	27.53 1.03 0.00	27.39 1.05 0.00	26.24 0.98 0.00	25.64 0.96 0.00	24.56 0.92 0.00	24.30 0.87 0.00	25.85 0.92 0.00	29.45 1.00 0.00	31.29 1.15 0.00	31.86 1.40 0.00	31.35 1.09 0.00	27.63 0.96 0.00	24.35 0.85 0.00	22.51 0.76 0.00
DERFIELD_115KV_TB7 355931	19.21 0.08 0.00	18.44 0.07 0.00	17.81 0.07 0.00	17.75 0.07 0.00	18.25 0.07 0.00	20.72 0.06 0.00	25.29 0.10 0.00	29.39 0.09 0.00	29.86 0.12 0.00	27.52 0.11 0.00	26.60 0.11 0.00	26.44 0.11 0.00	25.38 0.13 0.00	24.81 0.12 0.00	23.76 0.12 0.00	23.55 0.12 0.00	25.05 0.12 0.00	28.60 0.14 0.00	30.32 0.18 0.00	30.70 0.24 0.00	30.38 0.12 0.00	26.78 0.11 0.00	23.60 0.09 0.00	21.84 0.09 0.00
DOGLEVILLE___HYD 23807	19.57 0.44 0.00	18.77 0.40 0.00	18.12 0.37 0.00	18.05 0.37 0.00	18.55 0.36 0.00	21.04 0.39 0.00	25.67 0.48 0.00	29.83 0.53 0.00	30.27 0.54 0.00	27.90 0.49 0.00	27.00 0.50 0.00	26.89 0.55 0.00	25.79 0.53 0.00	25.20 0.52 0.00	24.11 0.47 0.00	23.92 0.49 0.00	25.47 0.55 0.00	29.06 0.60 0.00	30.78 0.63 0.00	31.13 0.67 0.00	30.86 0.60 0.00	27.09 0.43 0.00	23.86 0.35 0.00	22.01 0.26 0.00
DUNKIRK___115KV_TB_200 55889	19.63 0.50 0.00	19.01 0.64 0.00	18.35 0.60 0.00	18.30 0.62 0.00	18.87 0.69 0.00	21.62 0.97 0.00	26.43 1.23 0.00	30.24 0.94 0.00	30.84 1.10 0.00	28.29 0.88 0.00	27.21 0.72 0.00	27.12 0.79 0.00	25.91 0.66 0.00	25.22 0.54 0.00	23.95 0.31 0.00	23.62 0.19 0.00	24.82 -0.10 0.00	28.09 -0.37 0.00	30.20 0.06 0.00	31.31 0.85 0.00	30.68 0.42 0.00	27.44 0.77 0.00	23.98 0.47 0.00	22.44 0.70 0.00
DUNKIRK___1 23563	19.63 0.50 0.00	19.01 0.64 0.00	18.35 0.60 0.00	18.30 0.62 0.00	18.87 0.69 0.00	21.62 0.97 0.00	26.43 1.23 0.00	30.24 0.94 0.00	30.84 1.10 0.00	28.29 0.88 0.00	27.21 0.72 0.00	27.12 0.79 0.00	25.91 0.66 0.00	25.22 0.54 0.00	23.95 0.31 0.00	23.62 0.19 0.00	24.82 -0.10 0.00	28.09 -0.37 0.00	30.20 0.06 0.00	31.31 0.85 0.00	30.68 0.42 0.00	27.44 0.77 0.00	23.98 0.47 0.00	22.44 0.70 0.00
DUNKIRK___2 23564	19.63 0.50 0.00	19.01 0.64 0.00	18.35 0.60 0.00	18.30 0.62 0.00	18.87 0.69 0.00	21.62 0.97 0.00	26.43 1.23 0.00	30.24 0.94 0.00	30.84 1.10 0.00	28.29 0.88 0.00	27.21 0.72 0.00	27.12 0.79 0.00	25.91 0.66 0.00	25.22 0.54 0.00	23.95 0.31 0.00	23.62 0.19 0.00	24.82 -0.10 0.00	28.09 -0.37 0.00	30.20 0.06 0.00	31.31 0.85 0.00	30.68 0.42 0.00	27.44 0.77 0.00	23.98 0.47 0.00	22.44 0.70 0.00
DUNKIRK___3 23565	19.50 0.36 0.00	18.86 0.50 0.00	18.22 0.48 0.00	18.15 0.48 0.00	18.73 0.55 0.00	21.44 0.78 0.00	26.20 1.01 0.00	29.98 0.67 0.00	30.60 0.86 0.00	28.07 0.66 0.00	27.00 0.50 0.00	26.91 0.58 0.00	25.71 0.45 0.00	25.03 0.35 0.00	23.78 0.14 0.00	23.46 0.02 0.00	24.65 -0.27 0.00	27.89 -0.57 0.00	29.99 -0.15 0.00	31.10 0.64 0.00	30.47 0.21 0.00	27.26 0.59 0.00	23.83 0.33 0.00	22.31 0.57 0.00
DUNKIRK___4 23566	19.50 0.36 0.00	18.86 0.50 0.00	18.22 0.48 0.00	18.15 0.48 0.00	18.73 0.55 0.00	21.44 0.78 0.00	26.20 1.01 0.00	29.98 0.67 0.00	30.60 0.86 0.00	28.07 0.66 0.00	27.00 0.50 0.00	26.91 0.58 0.00	25.71 0.45 0.00	25.03 0.35 0.00	23.78 0.14 0.00	23.46 0.02 0.00	24.65 -0.27 0.00	27.89 -0.57 0.00	29.99 -0.15 0.00	31.10 0.64 0.00	30.47 0.21 0.00	27.26 0.59 0.00	23.83 0.33 0.00	22.31 0.57 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.88 0.75 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.78 0.60 0.00	21.21 0.56 0.00	25.97 0.78 0.00	30.27 0.97 0.00	30.96 1.22 0.00	28.70 1.29 0.00	27.72 1.22 0.00	27.62 1.29 0.00	26.62 1.36 0.00	26.01 1.33 0.00	24.96 1.32 0.00	24.70 1.27 0.00	26.22 1.30 0.00	29.99 1.54 0.00	31.77 1.63 0.00	32.22 1.77 0.00	31.62 1.36 0.00	27.68 1.01 0.00	24.52 1.01 0.00	22.51 0.76 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.80 0.67 0.00	19.01 0.64 0.00	18.33 0.59 0.00	18.26 0.58 0.00	18.73 0.55 0.00	21.21 0.56 0.00	25.95 0.76 0.00	30.18 0.88 0.00	30.81 1.07 0.00	28.48 1.07 0.00	27.56 1.06 0.00	27.41 1.08 0.00	26.39 1.14 0.00	25.79 1.11 0.00	24.75 1.11 0.00	24.49 1.05 0.00	26.00 1.07 0.00	29.74 1.28 0.00	31.53 1.39 0.00	32.01 1.55 0.00	31.47 1.21 0.00	27.60 0.93 0.00	24.38 0.87 0.00	22.42 0.67 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	20.03 0.90 0.00	19.16 0.79 0.00	18.47 0.73 0.00	18.37 0.69 0.00	18.82 0.64 0.00	21.07 0.41 0.00	25.72 0.53 0.00	30.06 0.76 0.00	30.81 1.07 0.00	28.61 1.21 0.00	27.61 1.11 0.00	27.57 1.24 0.00	26.72 1.46 0.00	26.09 1.41 0.00	25.06 1.42 0.00	24.77 1.34 0.00	26.30 1.37 0.00	30.11 1.65 0.00	31.83 1.69 0.00	32.13 1.68 0.00	31.50 1.24 0.00	27.47 0.80 0.00	24.49 0.99 0.00	22.47 0.72 0.00
E179THST_13_KV_LOAD 356214	20.11 0.98 0.00	19.23 0.86 0.00	18.54 0.80 0.00	18.44 0.76 0.00	18.89 0.71 0.00	21.13 0.48 0.00	25.82 0.63 0.00	30.18 0.88 0.00	30.96 1.22 0.00	28.75 1.34 0.00	27.74 1.25 0.00	27.70 1.37 0.00	26.85 1.59 0.00	26.24 1.55 0.00	25.18 1.54 0.00	24.88 1.45 0.00	26.42 1.50 0.00	30.25 1.79 0.00	31.98 1.84 0.00	32.29 1.83 0.00	31.65 1.39 0.00	27.58 0.91 0.00	24.59 1.08 0.00	22.55 0.80 0.00
EAST HAMPTON___GT 23717	21.12 1.99 0.00	20.06 1.69 0.00	19.36 1.61 0.00	19.30 1.63 0.00	19.80 1.62 0.00	22.66 2.00 0.00	27.08 1.89 0.00	31.76 2.46 0.00	32.74 3.00 0.00	30.71 3.29 -0.01	32.61 3.07 -3.04	32.44 3.00 -3.11	31.63 3.00 -3.38	31.40 2.81 -3.91	30.79 2.60 -4.55	31.37 2.60 -5.34	31.91 2.77 -4.22	32.70 3.30 -0.95	34.74 3.46 -1.13	39.40 3.84 -5.10	34.09 3.69 -0.14	32.60 2.93 -3.00	29.71 2.66 -3.55	24.04 2.28 -0.01
EAST RIVER___6 23660	19.88 0.75 0.00	19.05 0.68 0.00	18.38 0.64 0.00	18.30 0.62 0.00	18.75 0.56 0.00	21.13 0.48 0.00	25.92 0.73 0.00	30.42 1.11 0.00	31.08 1.34 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.82 1.57 0.00	26.24 1.56 0.00	25.13 1.49 0.00	24.86 1.43 0.00	26.37 1.45 0.00	30.14 1.68 0.00	31.83 1.69 0.00	32.35 1.89 0.00	32.01 1.75 0.00	27.74 1.07 0.00	24.52 1.01 0.00	22.44 0.70 0.00
EAST RIVER___7 23524	19.88 0.75 0.00	19.05 0.68 0.00	18.38 0.64 0.00	18.30 0.62 0.00	18.75 0.56 0.00	21.13 0.48 0.00	25.92 0.73 0.00	30.42 1.11 0.00	31.08 1.34 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.82 1.57 0.00	26.24 1.56 0.00	25.13 1.49 0.00	24.86 1.43 0.00	26.37 1.45 0.00	30.14 1.68 0.00	31.83 1.69 0.00	32.35 1.89 0.00	32.01 1.75 0.00	27.74 1.07 0.00	24.52 1.01 0.00	22.44 0.70 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.86 0.73 0.00	19.05 0.68 0.00	18.38 0.64 0.00	18.30 0.62 0.00	18.75 0.56 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.24 0.94 0.00	30.93 1.19 0.00	28.64 1.23 0.00	27.66 1.17 0.00	27.57 1.24 0.00	26.54 1.29 0.00	25.97 1.28 0.00	24.92 1.28 0.00	24.65 1.22 0.00	26.17 1.25 0.00	29.94 1.48 0.00	31.71 1.57 0.00	32.19 1.74 0.00	31.56 1.30 0.00	27.63 0.96 0.00	24.47 0.96 0.00	22.47 0.72 0.00
EAST_HAMPTON___DIESEL 23722	21.12 1.99 0.00	20.08 1.71 0.00	19.36 1.61 0.00	19.30 1.63 0.00	19.80 1.62 0.00	22.66 2.00 0.00	27.08 1.89 0.00	31.79 2.49 0.00	32.74 3.00 0.00	30.71 3.29 -0.01	32.61 3.07 -3.04	32.47 3.03 -3.11	31.63 3.00 -3.38	31.40 2.81 -3.91	30.79 2.60 -4.55	31.40 2.62 -5.34	31.91 2.77 -4.22	32.73 3.33 -0.95	34.74 3.46 -1.13	39.40 3.84 -5.10	34.12 3.72 -0.14	32.62 2.96 -3.00	29.71 2.66 -3.55	24.04 2.28 -0.01
EAST_POINT___SOLAR 323840	19.94 0.80 0.00	19.12 0.75 0.00	18.49 0.75 0.00	18.42 0.74 0.00	18.98 0.80 0.00	21.64 0.99 0.00	26.58 1.39 0.00	30.65 1.35 0.00	31.19 1.46 0.00	28.56 1.15 0.00	27.53 1.03 0.00	27.31 0.97 0.00	26.14 0.88 0.00	25.50 0.81 0.00	24.42 0.78 0.00	24.18 0.75 0.00	25.82 0.90 0.00	29.54 1.08 0.00	31.62 1.48 0.00	32.13 1.68 0.00	31.74 1.48 0.00	27.92 1.25 0.00	24.70 1.20 0.00	22.77 1.02 0.00
EAST_PULASKI___ESR 323781	18.73 -0.40 0.00	17.98 -0.39 0.00	17.37 -0.37 0.00	17.29 -0.39 0.00	17.82 -0.36 0.00	20.26 -0.39 0.00	24.74 -0.45 0.00	28.86 -0.44 0.00	29.05 -0.68 0.00	26.70 -0.71 0.00	25.78 -0.71 0.00	25.60 -0.74 0.00	24.47 -0.78 0.00	23.89 -0.79 0.00	22.88 -0.76 0.00	22.68 -0.75 0.00	24.15 -0.77 0.00	27.63 -0.83 0.00	29.39 -0.75 0.00	29.85 -0.61 0.00	29.68 -0.58 0.00	26.08 -0.59 0.00	23.01 -0.49 0.00	21.38 -0.37 0.00
EAST_RIVER___1 323558	19.90 0.77 0.00	19.07 0.70 0.00	18.42 0.67 0.00	18.31 0.64 0.00	18.78 0.60 0.00	21.17 0.52 0.00	25.95 0.76 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.78 1.37 0.00	27.80 1.30 0.00	27.67 1.34 0.00	26.77 1.52 0.00	26.21 1.53 0.00	25.11 1.47 0.00	24.81 1.38 0.00	26.34 1.42 0.00	30.11 1.65 0.00	31.83 1.69 0.00	32.35 1.89 0.00	32.04 1.78 0.00	27.76 1.09 0.00	24.54 1.03 0.00	22.49 0.74 0.00
EAST_RIVER___2 323559	19.88 0.75 0.00	19.05 0.68 0.00	18.38 0.64 0.00	18.30 0.62 0.00	18.75 0.56 0.00	21.13 0.48 0.00	25.92 0.73 0.00	30.42 1.11 0.00	31.08 1.34 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.82 1.57 0.00	26.24 1.56 0.00	25.13 1.49 0.00	24.86 1.43 0.00	26.37 1.45 0.00	30.14 1.68 0.00	31.83 1.69 0.00	32.35 1.89 0.00	32.01 1.75 0.00	27.74 1.07 0.00	24.52 1.01 0.00	22.44 0.70 0.00
EAST___DELAWARE_HYD 23607	19.97 0.84 0.00	19.18 0.81 0.00	18.47 0.73 0.00	18.39 0.71 0.00	18.89 0.71 0.00	21.40 0.74 0.00	26.20 1.01 0.00	30.62 1.32 0.00	31.19 1.46 0.00	28.78 1.37 0.00	27.87 1.38 0.00	27.67 1.34 0.00	26.64 1.39 0.00	26.06 1.38 0.00	24.94 1.30 0.00	24.72 1.29 0.00	26.24 1.32 0.00	30.02 1.56 0.00	31.86 1.72 0.00	32.44 1.98 0.00	32.20 1.94 0.00	27.95 1.28 0.00	24.63 1.13 0.00	22.64 0.89 0.00
EIGHT_POINT___WT_PWR 323820	20.01 0.88 0.00	19.31 0.94 0.00	18.61 0.87 0.00	18.53 0.85 0.00	19.09 0.91 0.00	21.87 1.22 0.00	26.86 1.66 0.00	30.91 1.61 0.00	31.64 1.90 0.00	28.97 1.56 0.00	27.82 1.32 0.00	27.62 1.29 0.00	26.39 1.14 0.00	25.74 1.06 0.00	24.59 0.95 0.00	24.35 0.91 0.00	25.82 0.90 0.00	29.43 0.97 0.00	31.50 1.36 0.00	32.47 2.01 0.00	32.23 1.97 0.00	28.05 1.39 0.00	24.73 1.22 0.00	23.03 1.28 0.00
ELBRIDGE_115KV_TB2 80188	18.92 -0.21 0.00	18.19 -0.18 0.00	17.56 -0.18 0.00	17.50 -0.18 0.00	18.00 -0.18 0.00	20.49 -0.17 0.00	25.04 -0.15 0.00	29.10 -0.21 0.00	29.29 -0.45 0.00	26.97 -0.44 0.00	26.07 -0.42 0.00	25.89 -0.45 0.00	24.80 -0.45 0.00	24.21 -0.47 0.00	23.14 -0.50 0.00	22.96 -0.47 0.00	24.40 -0.52 0.00	27.86 -0.60 0.00	29.63 -0.51 0.00	30.12 -0.34 0.00	29.81 -0.45 0.00	26.30 -0.37 0.00	23.13 -0.38 0.00	21.49 -0.26 0.00
ELEC_TRO_TEK 24086	20.01 0.88 0.00	19.09 0.72 0.00	18.40 0.66 0.00	18.33 0.65 0.00	18.80 0.62 0.00	21.40 0.74 0.00	26.05 0.86 0.00	30.24 0.94 0.00	31.04 1.31 0.00	28.98 1.56 -0.01	30.92 1.38 -3.04	30.86 1.42 -3.11	30.12 1.49 -3.38	30.05 1.46 -3.91	29.66 1.47 -4.55	30.15 1.38 -5.34	30.57 1.42 -4.22	31.07 1.68 -0.93	32.96 1.81 -1.00	32.48 2.01 -0.01	31.81 1.54 -0.01	30.84 1.17 -3.00	28.24 1.20 -3.54	22.78 1.02 -0.01

ELLENBURG_WT_PWR 323604	19.32 0.19 0.00	18.55 0.18 0.00	17.97 0.23 0.00	17.98 0.30 0.00	18.56 0.38 0.00	21.23 0.58 0.00	25.52 0.33 0.00	30.04 0.73 0.00	30.42 0.68 0.00	28.37 0.96 0.00	27.37 0.87 0.00	27.10 0.76 0.00	25.89 0.63 0.00	25.22 0.54 0.00	24.09 0.45 0.00	23.90 0.47 0.00	25.50 0.57 0.00	29.34 0.88 0.00	31.11 0.96 0.00	31.16 0.70 0.00	30.77 0.51 0.00	27.39 0.72 0.00	24.05 0.54 0.00	22.18 0.43 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.17 0.04 0.00	18.55 0.18 0.00	17.92 0.18 0.00	17.85 0.18 0.00	18.42 0.24 0.00	21.07 0.41 0.00	25.65 0.45 0.00	29.36 0.06 0.00	29.94 0.21 0.00	27.46 0.05 0.00	26.44 -0.05 0.00	26.36 0.03 0.00	25.23 -0.03 0.00	24.58 -0.10 0.00	23.33 -0.31 0.00	23.03 -0.40 0.00	24.20 -0.72 0.00	27.35 -1.11 0.00	29.39 -0.75 0.00	30.46 0.00 0.00	29.93 -0.33 0.00	26.72 0.05 0.00	23.36 -0.14 0.00	21.88 0.13 0.00
EMPIRE_CC_1 323656	19.49 0.36 0.00	18.72 0.35 0.00	18.08 0.34 0.00	18.01 0.34 0.00	18.51 0.33 0.00	21.00 0.35 0.00	25.52 0.33 0.00	29.63 0.32 0.00	30.03 0.30 0.00	27.60 0.19 0.00	26.74 0.24 0.00	26.54 0.21 0.00	25.48 0.23 0.00	24.95 0.27 0.00	23.93 0.28 0.00	23.71 0.28 0.00	25.27 0.35 0.00	28.77 0.31 0.00	30.47 0.33 0.00	31.10 0.64 0.00	30.83 0.57 0.00	26.96 0.29 0.00	23.74 0.24 0.00	22.03 0.28 0.00
EMPIRE_CC_2 323658	19.49 0.36 0.00	18.72 0.35 0.00	18.08 0.34 0.00	18.01 0.34 0.00	18.51 0.33 0.00	21.00 0.35 0.00	25.52 0.33 0.00	29.63 0.32 0.00	30.03 0.30 0.00	27.60 0.19 0.00	26.74 0.24 0.00	26.54 0.21 0.00	25.48 0.23 0.00	24.95 0.27 0.00	23.93 0.28 0.00	23.71 0.28 0.00	25.27 0.35 0.00	28.77 0.31 0.00	30.47 0.33 0.00	31.10 0.64 0.00	30.83 0.57 0.00	26.96 0.29 0.00	23.74 0.24 0.00	22.03 0.28 0.00
ENORWICH_115KV_TB1 80156	20.68 1.55 0.00	19.86 1.49 0.00	19.13 1.38 0.00	19.06 1.38 0.00	19.65 1.47 0.00	22.53 1.88 0.00	27.74 2.54 0.00	32.41 3.11 0.00	32.77 3.03 0.00	30.04 2.63 0.00	28.78 2.28 0.00	28.49 2.16 0.00	27.15 1.89 0.00	26.48 1.80 0.00	25.30 1.65 0.00	25.10 1.66 0.00	26.84 1.92 0.00	30.65 2.19 0.00	32.89 2.74 0.00	33.60 3.14 0.00	33.10 2.84 0.00	29.28 2.61 0.00	25.60 2.09 0.00	23.68 1.94 0.00
ERIE_ST_34_KV_TB1-2 80199	19.55 0.42 0.00	18.92 0.55 0.00	18.27 0.53 0.00	18.21 0.53 0.00	18.78 0.60 0.00	21.50 0.85 0.00	26.25 1.06 0.00	30.01 0.70 0.00	30.63 0.89 0.00	28.09 0.69 0.00	27.08 0.58 0.00	26.99 0.66 0.00	25.81 0.56 0.00	25.15 0.47 0.00	23.88 0.24 0.00	23.57 0.14 0.00	24.77 -0.15 0.00	28.03 -0.43 0.00	30.14 0.00 0.00	31.25 0.79 0.00	30.62 0.36 0.00	27.36 0.69 0.00	23.93 0.42 0.00	22.40 0.65 0.00
ERIE_WT_PWR 323693	19.32 0.19 0.00	18.70 0.33 0.00	18.06 0.32 0.00	18.01 0.34 0.00	18.58 0.40 0.00	21.25 0.60 0.00	25.82 0.63 0.00	29.63 0.32 0.00	30.06 0.33 0.00	27.55 0.14 0.00	26.55 0.05 0.00	26.49 0.16 0.00	25.15 -0.10 0.00	24.51 -0.17 0.00	23.43 -0.21 0.00	23.17 -0.26 0.00	24.23 -0.70 0.00	27.43 -1.02 0.00	29.42 -0.72 0.00	30.28 -0.18 0.00	30.41 0.15 0.00	26.59 -0.08 0.00	23.58 0.07 0.00	22.07 0.33 0.00
ESPRGFLD_115KV_TB1 80157	19.86 0.73 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.87 0.69 0.00	21.52 0.87 0.00	26.45 1.26 0.00	30.68 1.38 0.00	31.37 1.64 0.00	28.83 1.43 0.00	27.77 1.27 0.00	27.57 1.24 0.00	26.39 1.14 0.00	25.77 1.09 0.00	24.66 1.02 0.00	24.42 0.98 0.00	26.02 1.10 0.00	29.71 1.25 0.00	31.71 1.57 0.00	32.22 1.77 0.00	31.77 1.51 0.00	28.00 1.33 0.00	24.70 1.20 0.00	22.79 1.04 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.46 0.33 0.00	18.72 0.35 0.00	18.08 0.34 0.00	18.00 0.32 0.00	18.53 0.35 0.00	21.13 0.48 0.00	25.90 0.71 0.00	30.06 0.76 0.00	29.83 0.09 0.00	27.41 0.00 0.00	26.39 -0.11 0.00	26.17 -0.16 0.00	25.05 -0.20 0.00	24.44 -0.25 0.00	23.36 -0.28 0.00	23.20 -0.23 0.00	24.72 -0.20 0.00	28.26 -0.20 0.00	30.17 0.03 0.00	30.67 0.21 0.00	30.38 0.12 0.00	26.80 0.13 0.00	23.53 0.02 0.00	21.84 0.09 0.00
ETNA____115KV_TB2 80207	19.46 0.33 0.00	18.72 0.35 0.00	18.08 0.34 0.00	18.00 0.32 0.00	18.53 0.35 0.00	21.13 0.48 0.00	25.90 0.71 0.00	30.06 0.76 0.00	29.83 0.09 0.00	27.41 0.00 0.00	26.39 -0.11 0.00	26.17 -0.16 0.00	25.05 -0.20 0.00	24.44 -0.25 0.00	23.36 -0.28 0.00	23.20 -0.23 0.00	24.72 -0.20 0.00	28.26 -0.20 0.00	30.17 0.03 0.00	30.67 0.21 0.00	30.38 0.12 0.00	26.80 0.13 0.00	23.53 0.02 0.00	21.84 0.09 0.00
EUCLID____115KV_TB2 356179	18.79 -0.34 0.00	18.04 -0.33 0.00	17.42 -0.32 0.00	17.36 -0.32 0.00	17.87 -0.31 0.00	20.32 -0.33 0.00	24.82 -0.38 0.00	28.83 -0.47 0.00	29.11 -0.62 0.00	26.81 -0.60 0.00	25.91 -0.58 0.00	25.75 -0.58 0.00	24.67 -0.58 0.00	24.09 -0.59 0.00	23.05 -0.59 0.00	22.87 -0.56 0.00	24.30 -0.62 0.00	27.72 -0.74 0.00	29.48 -0.66 0.00	29.94 -0.52 0.00	29.65 -0.61 0.00	26.16 -0.51 0.00	23.01 -0.49 0.00	21.38 -0.37 0.00
E_CANADA_CAP_HY 24051	19.90 0.77 0.00	19.08 0.72 0.00	18.43 0.69 0.00	18.39 0.71 0.00	18.95 0.76 0.00	21.58 0.93 0.00	26.53 1.33 0.00	30.62 1.32 0.00	31.10 1.37 0.00	28.48 1.07 0.00	27.45 0.95 0.00	27.23 0.90 0.00	26.09 0.83 0.00	25.45 0.77 0.00	24.37 0.73 0.00	24.13 0.70 0.00	25.77 0.85 0.00	29.45 1.00 0.00	31.47 1.32 0.00	32.04 1.58 0.00	31.86 1.60 0.00	27.81 1.15 0.00	24.66 1.15 0.00	22.73 0.98 0.00
E_CANADA_MHWK_HY 24050	19.57 0.44 0.00	18.77 0.40 0.00	18.12 0.37 0.00	18.05 0.37 0.00	18.55 0.36 0.00	21.04 0.39 0.00	25.67 0.48 0.00	29.83 0.53 0.00	30.27 0.54 0.00	27.90 0.49 0.00	27.00 0.50 0.00	26.89 0.55 0.00	25.79 0.53 0.00	25.20 0.52 0.00	24.11 0.47 0.00	23.92 0.49 0.00	25.47 0.55 0.00	29.06 0.60 0.00	30.78 0.63 0.00	31.13 0.67 0.00	30.86 0.60 0.00	27.09 0.43 0.00	23.86 0.35 0.00	22.01 0.26 0.00
E_FISHKILL____LBMP 23776	19.73 0.59 0.00	18.92 0.55 0.00	18.27 0.53 0.00	18.19 0.51 0.00	18.65 0.47 0.00	21.11 0.45 0.00	25.80 0.60 0.00	29.98 0.67 0.00	30.60 0.86 0.00	28.29 0.88 0.00	27.35 0.85 0.00	27.20 0.87 0.00	26.19 0.93 0.00	25.62 0.94 0.00	24.61 0.97 0.00	24.35 0.91 0.00	25.85 0.92 0.00	29.54 1.08 0.00	31.32 1.18 0.00	31.80 1.34 0.00	31.23 0.97 0.00	27.39 0.72 0.00	24.23 0.73 0.00	22.29 0.54 0.00
FALCON____SEABRD_CC1 323796	19.57 0.44 0.00	18.79 0.42 0.00	18.20 0.46 0.00	18.21 0.53 0.00	18.82 0.64 0.00	21.52 0.87 0.00	25.70 0.50 0.00	30.59 1.29 0.00	30.93 1.19 0.00	29.11 1.70 0.00	28.06 1.56 0.00	27.78 1.45 0.00	26.52 1.26 0.00	25.77 1.08 0.00	24.59 0.95 0.00	24.44 1.01 0.00	26.07 1.15 0.00	30.05 1.59 0.00	31.92 1.78 0.00	32.01 1.55 0.00	31.56 1.30 0.00	28.05 1.39 0.00	24.59 1.08 0.00	22.68 0.93 0.00

FALCON___SEABRD_CC2 323797	19.57 0.44 0.00	18.79 0.42 0.00	18.20 0.46 0.00	18.21 0.53 0.00	18.82 0.64 0.00	21.52 0.87 0.00	25.70 0.50 0.00	30.59 1.29 0.00	30.93 1.19 0.00	29.11 1.70 0.00	28.06 1.56 0.00	27.78 1.45 0.00	26.52 1.26 0.00	25.77 1.08 0.00	24.59 0.95 0.00	24.44 1.01 0.00	26.07 1.15 0.00	30.05 1.59 0.00	31.92 1.78 0.00	32.01 1.55 0.00	31.56 1.30 0.00	28.05 1.39 0.00	24.59 1.08 0.00	22.68 0.93 0.00
FAR ROCKAWAY___4 23548	20.38 1.24 0.00	19.42 1.05 0.00	18.70 0.96 0.00	18.63 0.95 0.00	19.13 0.95 0.00	21.79 1.14 0.00	26.50 1.31 0.00	30.83 1.52 0.00	31.73 1.99 0.00	29.64 2.22 -0.01	31.58 2.04 -3.04	31.55 2.11 -3.11	30.75 2.12 -3.38	30.69 2.10 -3.91	30.23 2.03 -4.55	30.74 1.97 -5.34	31.17 2.02 -4.22	31.75 2.36 -0.93	33.68 2.53 -1.00	33.18 2.71 -0.01	32.54 2.27 -0.01	31.48 1.81 -3.00	28.78 1.74 -3.54	23.26 1.50 -0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.94 0.80 0.00	19.10 0.73 0.00	18.43 0.69 0.00	18.35 0.67 0.00	18.80 0.62 0.00	21.21 0.56 0.00	25.97 0.78 0.00	30.33 1.03 0.00	31.07 1.34 0.00	28.83 1.43 0.00	27.82 1.32 0.00	27.75 1.42 0.00	26.77 1.52 0.00	26.16 1.48 0.00	25.13 1.49 0.00	24.84 1.41 0.00	26.37 1.45 0.00	30.16 1.71 0.00	31.95 1.81 0.00	32.38 1.92 0.00	31.71 1.45 0.00	27.68 1.01 0.00	24.56 1.06 0.00	22.51 0.76 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.94 0.80 0.00	19.10 0.73 0.00	18.43 0.69 0.00	18.35 0.67 0.00	18.80 0.62 0.00	21.21 0.56 0.00	25.97 0.78 0.00	30.33 1.03 0.00	31.04 1.31 0.00	28.81 1.40 0.00	27.82 1.32 0.00	27.73 1.40 0.00	26.77 1.52 0.00	26.16 1.48 0.00	25.11 1.47 0.00	24.84 1.41 0.00	26.34 1.42 0.00	30.16 1.71 0.00	31.95 1.81 0.00	32.35 1.89 0.00	31.71 1.45 0.00	27.68 1.01 0.00	24.56 1.06 0.00	22.51 0.76 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.92 0.78 0.00	19.09 0.72 0.00	18.42 0.67 0.00	18.33 0.65 0.00	18.78 0.60 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.30 1.00 0.00	31.04 1.31 0.00	28.78 1.37 0.00	27.80 1.30 0.00	27.70 1.37 0.00	26.75 1.49 0.00	26.14 1.46 0.00	25.08 1.44 0.00	24.79 1.36 0.00	26.32 1.40 0.00	30.14 1.68 0.00	31.92 1.78 0.00	32.32 1.86 0.00	31.68 1.42 0.00	27.66 0.99 0.00	24.54 1.03 0.00	22.49 0.74 0.00
FARRAGUT___LBMP 323566	19.90 0.77 0.00	19.07 0.70 0.00	18.42 0.67 0.00	18.33 0.65 0.00	18.78 0.60 0.00	21.17 0.52 0.00	25.92 0.73 0.00	30.27 0.97 0.00	31.01 1.28 0.00	28.75 1.34 0.00	27.77 1.27 0.00	27.68 1.34 0.00	26.72 1.46 0.00	26.11 1.43 0.00	25.06 1.42 0.00	24.79 1.36 0.00	26.30 1.37 0.00	30.11 1.65 0.00	31.89 1.75 0.00	32.29 1.83 0.00	31.65 1.39 0.00	27.63 0.96 0.00	24.52 1.01 0.00	22.49 0.74 0.00
FENNER___WINDPWR 24204	19.53 0.40 0.00	18.74 0.37 0.00	18.10 0.35 0.00	18.03 0.35 0.00	18.56 0.38 0.00	21.15 0.49 0.00	25.90 0.70 0.00	30.24 0.94 0.00	30.54 0.80 0.00	28.07 0.66 0.00	27.08 0.58 0.00	26.94 0.61 0.00	25.76 0.50 0.00	25.15 0.47 0.00	24.11 0.47 0.00	23.90 0.47 0.00	25.50 0.57 0.00	29.11 0.66 0.00	30.93 0.78 0.00	31.34 0.88 0.00	31.20 0.94 0.00	27.41 0.75 0.00	24.12 0.61 0.00	22.31 0.56 0.00
FIBERTEK___ENERGY 23856	18.98 -0.15 0.00	18.24 -0.13 0.00	17.62 -0.12 0.00	17.55 -0.12 0.00	18.07 -0.11 0.00	20.57 -0.08 0.00	25.14 -0.05 0.00	29.21 -0.09 0.00	29.44 -0.30 0.00	27.13 -0.27 0.00	26.23 -0.26 0.00	26.07 -0.26 0.00	24.95 -0.30 0.00	24.36 -0.32 0.00	23.31 -0.33 0.00	23.10 -0.33 0.00	24.58 -0.35 0.00	28.03 -0.43 0.00	29.81 -0.33 0.00	30.28 -0.18 0.00	29.99 -0.27 0.00	26.46 -0.21 0.00	23.25 -0.26 0.00	21.60 -0.15 0.00
FITZPATRICK____ 23598	18.54 -0.59 0.00	17.82 -0.55 0.00	17.21 -0.53 0.00	17.15 -0.53 0.00	17.64 -0.54 0.00	20.05 -0.60 0.00	24.46 -0.73 0.00	28.45 -0.85 0.00	28.72 -1.01 0.00	26.45 -0.96 0.00	25.57 -0.93 0.00	25.41 -0.92 0.00	24.32 -0.93 0.00	23.74 -0.94 0.00	22.74 -0.90 0.00	22.57 -0.87 0.00	24.00 -0.92 0.00	27.40 -1.05 0.00	29.12 -1.02 0.00	29.51 -0.94 0.00	29.35 -0.91 0.00	25.79 -0.88 0.00	22.75 -0.75 0.00	21.12 -0.63 0.00
FLOWRFLD_69_KV_BK1 356044	20.38 1.24 0.00	19.36 0.99 0.00	18.66 0.92 0.00	18.60 0.92 0.00	19.11 0.93 0.00	21.81 1.16 0.00	26.43 1.23 0.00	30.68 1.38 0.00	31.55 1.81 0.00	29.56 2.14 -0.01	31.47 1.93 -3.04	31.39 1.95 -3.11	30.63 2.00 -3.38	30.54 1.95 -3.91	30.09 1.89 -4.55	30.65 1.87 -5.34	31.09 1.94 -4.22	31.77 2.36 -0.95	33.80 2.50 -1.16	39.24 2.71 -6.07	32.67 2.24 -0.17	31.48 1.81 -3.00	28.79 1.74 -3.55	23.24 1.48 -0.01
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.01 0.88 0.00	19.21 0.84 0.00	18.52 0.78 0.00	18.44 0.76 0.00	18.93 0.75 0.00	21.42 0.76 0.00	26.18 0.98 0.00	30.50 1.20 0.00	31.16 1.43 0.00	28.78 1.37 0.00	27.88 1.38 0.00	27.70 1.37 0.00	26.69 1.44 0.00	26.11 1.43 0.00	25.04 1.39 0.00	24.77 1.34 0.00	26.30 1.37 0.00	30.05 1.59 0.00	31.89 1.75 0.00	32.35 1.89 0.00	31.80 1.54 0.00	27.87 1.20 0.00	24.61 1.10 0.00	22.62 0.87 0.00
FORT ORANGE____ 23900	19.74 0.61 0.00	18.94 0.57 0.00	18.29 0.55 0.00	18.24 0.57 0.00	18.76 0.58 0.00	21.29 0.64 0.00	25.95 0.76 0.00	30.21 0.91 0.00	30.60 0.86 0.00	28.12 0.71 0.00	27.21 0.72 0.00	27.02 0.68 0.00	25.94 0.68 0.00	25.37 0.69 0.00	24.33 0.69 0.00	24.11 0.68 0.00	25.67 0.75 0.00	29.28 0.83 0.00	31.05 0.90 0.00	31.62 1.16 0.00	31.41 1.15 0.00	27.44 0.77 0.00	24.19 0.68 0.00	22.36 0.61 0.00
FORT_DRUM_COGEN 23780	18.90 -0.23 0.00	18.11 -0.26 0.00	17.46 -0.28 0.00	17.41 -0.27 0.00	17.98 -0.20 0.00	20.51 -0.14 0.00	25.12 -0.08 0.00	29.54 0.23 0.00	29.68 -0.06 0.00	27.08 -0.33 0.00	26.05 -0.45 0.00	25.86 -0.47 0.00	24.67 -0.58 0.00	24.09 -0.59 0.00	23.03 -0.61 0.00	22.82 -0.61 0.00	24.45 -0.47 0.00	28.12 -0.34 0.00	29.90 -0.24 0.00	30.37 -0.09 0.00	30.17 -0.09 0.00	26.64 -0.03 0.00	23.41 -0.09 0.00	21.73 -0.02 0.00
FOX_HILLS___ESR 323835	20.05 0.92 0.00	19.18 0.81 0.00	18.49 0.75 0.00	18.38 0.71 0.00	18.84 0.65 0.00	21.11 0.45 0.00	25.82 0.63 0.00	30.21 0.91 0.00	30.96 1.22 0.00	28.75 1.34 0.00	27.74 1.25 0.00	27.70 1.37 0.00	26.82 1.57 0.00	26.21 1.53 0.00	25.18 1.54 0.00	24.91 1.48 0.00	26.44 1.52 0.00	30.36 1.91 0.00	32.10 1.96 0.00	32.47 2.01 0.00	31.80 1.54 0.00	27.68 1.01 0.00	24.61 1.10 0.00	22.55 0.80 0.00
FPL FAR_ROCK_GT1 24212	20.38 1.24 0.00	19.42 1.05 0.00	18.70 0.96 0.00	18.63 0.95 0.00	19.13 0.94 0.00	21.79 1.14 0.00	26.43 1.23 0.00	30.83 1.52 0.00	31.67 1.93 0.00	29.64 2.22 -0.01	31.61 2.07 -3.04	31.52 2.08 -3.11	30.80 2.17 -3.38	30.76 2.17 -3.91	30.25 2.06 -4.55	30.76 1.99 -5.34	31.19 2.04 -4.22	31.72 2.33 -0.93	33.59 2.44 -1.00	33.24 2.77 -0.01	32.94 2.66 -0.01	31.56 1.89 -3.00	28.78 1.74 -3.54	23.26 1.50 -0.01

FPL FAR_ROCK_GT2 23815	20.38 1.24 0.00	19.42 1.05 0.00	18.70 0.96 0.00	18.63 0.95 0.00	19.13 0.94 0.00	21.79 1.14 0.00	26.43 1.23 0.00	30.83 1.52 0.00	31.67 1.93 0.00	29.64 2.22 -0.01	31.61 2.07 -3.04	31.52 2.08 -3.11	30.80 2.17 -3.38	30.76 2.17 -3.91	30.25 2.06 -4.55	30.76 1.99 -5.34	31.19 2.04 -4.22	31.72 2.33 -0.93	33.59 2.44 -1.00	33.24 2.77 -0.01	32.94 2.66 -0.01	31.56 1.89 -3.00	28.78 1.74 -3.54	23.26 1.50 -0.01
FRANKLIN_FALL_HYD 24054	19.29 0.15 0.00	18.50 0.13 0.00	17.90 0.16 0.00	17.91 0.23 0.00	18.49 0.31 0.00	21.15 0.50 0.00	25.50 0.30 0.00	30.18 0.88 0.00	30.36 0.62 0.00	28.18 0.77 0.00	27.19 0.69 0.00	26.94 0.61 0.00	25.71 0.45 0.00	25.10 0.42 0.00	23.97 0.33 0.00	23.78 0.35 0.00	25.40 0.47 0.00	29.20 0.74 0.00	30.87 0.72 0.00	30.95 0.49 0.00	30.93 0.67 0.00	27.26 0.59 0.00	23.91 0.40 0.00	22.05 0.30 0.00
FREEPORT_EQUS_GT1 23764	20.16 1.03 0.00	19.20 0.83 0.00	18.52 0.78 0.00	18.44 0.76 0.00	18.93 0.75 0.00	21.56 0.91 0.00	26.13 0.93 0.00	30.42 1.11 0.00	31.22 1.49 0.00	29.23 1.81 -0.01	31.15 1.62 -3.04	31.10 1.66 -3.11	30.40 1.77 -3.38	30.34 1.75 -3.91	29.87 1.68 -4.55	30.41 1.64 -5.34	30.84 1.70 -4.22	31.35 1.96 -0.93	33.17 2.02 -1.00	32.82 2.35 -0.01	32.51 2.24 -0.01	31.21 1.55 -3.00	28.48 1.43 -3.54	22.98 1.22 -0.01
FREEPORT___CT2 23818	20.16 1.03 0.00	19.20 0.83 0.00	18.52 0.78 0.00	18.44 0.76 0.00	18.93 0.75 0.00	21.56 0.91 0.00	26.13 0.93 0.00	30.42 1.11 0.00	31.22 1.49 0.00	29.23 1.81 -0.01	31.15 1.62 -3.04	31.10 1.66 -3.11	30.40 1.77 -3.38	30.34 1.75 -3.91	29.87 1.68 -4.55	30.41 1.64 -5.34	30.84 1.70 -4.22	31.35 1.96 -0.93	33.17 2.02 -1.00	32.82 2.35 -0.01	32.51 2.24 -0.01	31.21 1.55 -3.00	28.48 1.43 -3.54	22.98 1.22 -0.01
FRESHKLS_33_KV_LOAD 356253	20.05 0.92 0.00	19.16 0.79 0.00	18.47 0.73 0.00	18.37 0.69 0.00	18.82 0.64 0.00	21.07 0.41 0.00	25.72 0.53 0.00	30.06 0.76 0.00	30.81 1.07 0.00	28.61 1.21 0.00	27.61 1.11 0.00	27.60 1.26 0.00	26.72 1.46 0.00	26.14 1.46 0.00	25.11 1.47 0.00	24.84 1.41 0.00	26.39 1.47 0.00	30.34 1.88 0.00	32.10 1.96 0.00	32.41 1.95 0.00	31.77 1.51 0.00	27.63 0.96 0.00	24.59 1.08 0.00	22.53 0.78 0.00
FULTON COGEN____ 23766	18.71 -0.42 0.00	17.98 -0.39 0.00	17.37 -0.37 0.00	17.31 -0.37 0.00	17.80 -0.38 0.00	20.26 -0.39 0.00	24.74 -0.45 0.00	28.75 -0.56 0.00	29.02 -0.71 0.00	26.72 -0.69 0.00	25.84 -0.66 0.00	25.65 -0.68 0.00	24.57 -0.68 0.00	23.99 -0.69 0.00	22.96 -0.69 0.00	22.78 -0.66 0.00	24.23 -0.70 0.00	27.63 -0.83 0.00	29.39 -0.75 0.00	29.85 -0.61 0.00	29.56 -0.70 0.00	26.08 -0.59 0.00	22.94 -0.56 0.00	21.31 -0.43 0.00
FULTON___LFGE 323630	20.63 1.49 0.00	19.75 1.38 0.00	19.11 1.37 0.00	19.06 1.38 0.00	19.69 1.51 0.00	22.47 1.82 0.00	27.69 2.49 0.00	32.03 2.73 0.00	32.44 2.71 0.00	29.41 2.00 0.00	28.41 1.91 0.00	28.04 1.71 0.00	26.87 1.62 0.00	26.19 1.51 0.00	25.06 1.42 0.00	24.84 1.41 0.00	26.57 1.64 0.00	30.51 2.05 0.00	32.76 2.62 0.00	33.29 2.83 0.00	33.19 2.93 0.00	28.96 2.29 0.00	25.50 2.00 0.00	23.51 1.76 0.00
G.F.CEMENT___DRP 24184	19.74 0.61 0.00	18.90 0.53 0.00	18.27 0.53 0.00	18.23 0.55 0.00	18.78 0.60 0.00	21.36 0.70 0.00	26.15 0.96 0.00	30.36 1.05 0.00	30.84 1.10 0.00	28.31 0.90 0.00	27.40 0.90 0.00	27.20 0.87 0.00	26.09 0.83 0.00	25.45 0.77 0.00	24.37 0.73 0.00	24.14 0.70 0.00	25.70 0.77 0.00	29.31 0.85 0.00	31.20 1.05 0.00	31.65 1.19 0.00	31.32 1.06 0.00	27.50 0.83 0.00	24.21 0.71 0.00	22.31 0.57 0.00
GARDENVILLE___LBMP 24039	19.25 0.11 0.00	18.63 0.26 0.00	17.99 0.25 0.00	17.94 0.27 0.00	18.51 0.33 0.00	21.17 0.52 0.00	25.77 0.58 0.00	29.51 0.21 0.00	30.09 0.36 0.00	27.60 0.19 0.00	26.58 0.08 0.00	26.52 0.18 0.00	25.36 0.10 0.00	24.71 0.02 0.00	23.45 -0.19 0.00	23.15 -0.28 0.00	24.33 -0.60 0.00	27.49 -0.97 0.00	29.54 -0.60 0.00	30.61 0.15 0.00	30.08 -0.18 0.00	26.86 0.19 0.00	23.48 -0.02 0.00	21.99 0.24 0.00
GARDNVLA_35_KV_LD 355827	19.34 0.21 0.00	18.72 0.35 0.00	18.08 0.34 0.00	18.03 0.35 0.00	18.60 0.42 0.00	21.27 0.62 0.00	25.90 0.71 0.00	29.65 0.35 0.00	30.27 0.54 0.00	27.77 0.36 0.00	26.74 0.24 0.00	26.68 0.34 0.00	25.51 0.25 0.00	24.85 0.17 0.00	23.59 -0.05 0.00	23.29 -0.14 0.00	24.45 -0.47 0.00	27.63 -0.83 0.00	29.69 -0.45 0.00	30.79 0.34 0.00	30.23 -0.03 0.00	27.02 0.35 0.00	23.60 0.09 0.00	22.10 0.35 0.00
GELCKHM___115KV_LOAD 80723	18.85 -0.29 0.00	18.11 -0.26 0.00	17.49 -0.25 0.00	17.43 -0.25 0.00	17.93 -0.25 0.00	20.41 -0.25 0.00	24.92 -0.28 0.00	28.95 -0.35 0.00	29.23 -0.51 0.00	26.92 -0.49 0.00	26.05 -0.45 0.00	25.86 -0.47 0.00	24.78 -0.48 0.00	24.19 -0.49 0.00	23.14 -0.50 0.00	22.96 -0.47 0.00	24.40 -0.52 0.00	27.83 -0.63 0.00	29.60 -0.54 0.00	30.06 -0.40 0.00	29.78 -0.48 0.00	26.27 -0.40 0.00	23.11 -0.40 0.00	21.44 -0.30 0.00
GENERAL___MILLS 23808	19.32 0.19 0.00	18.70 0.33 0.00	18.06 0.32 0.00	18.00 0.32 0.00	18.56 0.38 0.00	21.23 0.58 0.00	25.87 0.68 0.00	29.60 0.29 0.00	30.21 0.48 0.00	27.68 0.27 0.00	26.68 0.19 0.00	26.60 0.26 0.00	25.43 0.18 0.00	24.78 0.10 0.00	23.52 -0.12 0.00	23.22 -0.21 0.00	24.40 -0.52 0.00	27.57 -0.88 0.00	29.63 -0.51 0.00	30.70 0.24 0.00	30.17 -0.09 0.00	26.94 0.27 0.00	23.55 0.05 0.00	22.05 0.30 0.00
GE_PLASTICS___DRP 24183	19.59 0.46 0.00	18.81 0.44 0.00	18.17 0.43 0.00	18.10 0.42 0.00	18.62 0.44 0.00	21.11 0.45 0.00	25.75 0.55 0.00	29.86 0.56 0.00	30.36 0.62 0.00	27.93 0.52 0.00	27.03 0.53 0.00	26.86 0.53 0.00	25.79 0.53 0.00	25.20 0.52 0.00	24.18 0.54 0.00	23.95 0.52 0.00	25.47 0.55 0.00	29.08 0.63 0.00	30.84 0.69 0.00	31.31 0.85 0.00	30.93 0.67 0.00	27.20 0.53 0.00	24.00 0.49 0.00	22.18 0.43 0.00
GILBOA___1 23756	19.48 0.34 0.00	18.70 0.33 0.00	18.06 0.32 0.00	18.00 0.32 0.00	18.49 0.31 0.00	20.96 0.31 0.00	25.62 0.43 0.00	29.83 0.53 0.00	30.33 0.59 0.00	27.96 0.55 0.00	27.03 0.53 0.00	26.86 0.53 0.00	25.81 0.55 0.00	25.25 0.57 0.00	24.18 0.54 0.00	23.97 0.54 0.00	25.47 0.55 0.00	29.06 0.60 0.00	30.81 0.66 0.00	31.34 0.88 0.00	31.11 0.85 0.00	27.17 0.51 0.00	23.98 0.47 0.00	22.14 0.39 0.00
GILBOA___2 23757	19.48 0.34 0.00	18.70 0.33 0.00	18.06 0.32 0.00	18.00 0.32 0.00	18.49 0.31 0.00	20.96 0.31 0.00	25.62 0.43 0.00	29.83 0.53 0.00	30.33 0.59 0.00	27.96 0.55 0.00	27.03 0.53 0.00	26.86 0.53 0.00	25.81 0.55 0.00	25.25 0.57 0.00	24.18 0.54 0.00	23.97 0.54 0.00	25.47 0.55 0.00	29.06 0.60 0.00	30.81 0.66 0.00	31.34 0.88 0.00	31.11 0.85 0.00	27.17 0.51 0.00	23.98 0.47 0.00	22.14 0.39 0.00

GILBOA___3 23758	19.48 0.34 0.00	18.70 0.33 0.00	18.06 0.32 0.00	18.00 0.32 0.00	18.49 0.31 0.00	20.96 0.31 0.00	25.62 0.43 0.00	29.83 0.53 0.00	30.33 0.59 0.00	27.96 0.55 0.00	27.03 0.53 0.00	26.86 0.53 0.00	25.81 0.55 0.00	25.25 0.57 0.00	24.18 0.54 0.00	23.97 0.54 0.00	25.47 0.55 0.00	29.06 0.60 0.00	30.81 0.66 0.00	31.34 0.88 0.00	31.11 0.85 0.00	27.17 0.51 0.00	23.98 0.47 0.00	22.14 0.39 0.00
GILBOA___4 23759	19.48 0.34 0.00	18.70 0.33 0.00	18.06 0.32 0.00	18.00 0.32 0.00	18.49 0.31 0.00	20.96 0.31 0.00	25.62 0.43 0.00	29.83 0.53 0.00	30.33 0.59 0.00	27.96 0.55 0.00	27.03 0.53 0.00	26.86 0.53 0.00	25.81 0.55 0.00	25.25 0.57 0.00	24.18 0.54 0.00	23.97 0.54 0.00	25.47 0.55 0.00	29.06 0.60 0.00	30.81 0.66 0.00	31.34 0.88 0.00	31.11 0.85 0.00	27.17 0.51 0.00	23.98 0.47 0.00	22.14 0.39 0.00
GILBOA___ 23599	19.48 0.34 0.00	18.70 0.33 0.00	18.06 0.32 0.00	18.00 0.32 0.00	18.49 0.31 0.00	20.96 0.31 0.00	25.60 0.40 0.00	29.71 0.41 0.00	30.30 0.56 0.00	27.93 0.52 0.00	27.00 0.50 0.00	26.86 0.53 0.00	25.79 0.53 0.00	25.22 0.54 0.00	24.18 0.54 0.00	23.95 0.52 0.00	25.45 0.52 0.00	29.05 0.60 0.00	30.81 0.66 0.00	31.31 0.85 0.00	30.86 0.61 0.00	27.15 0.48 0.00	23.98 0.47 0.00	22.14 0.39 0.00
GINNA___ 23603	17.98 -1.15 0.00	17.27 -1.10 0.00	16.66 -1.08 0.00	16.62 -1.06 0.00	17.13 -1.06 0.00	19.56 -1.10 0.00	23.81 -1.39 0.00	27.63 -1.67 0.00	28.01 -1.73 0.00	25.77 -1.64 0.00	24.91 -1.59 0.00	24.78 -1.55 0.00	23.59 -1.67 0.00	22.98 -1.70 0.00	22.01 -1.63 0.00	21.84 -1.59 0.00	23.08 -1.84 0.00	26.15 -2.30 0.00	27.97 -2.17 0.00	28.48 -1.98 0.00	28.47 -1.79 0.00	24.96 -1.71 0.00	22.03 -1.48 0.00	20.46 -1.28 0.00
GLEN PARK___ 23778	18.98 -0.15 0.00	18.15 -0.22 0.00	17.51 -0.23 0.00	17.47 -0.21 0.00	18.04 -0.15 0.00	20.59 -0.06 0.00	25.22 0.03 0.00	29.68 0.38 0.00	29.77 0.03 0.00	27.11 -0.30 0.00	26.07 -0.42 0.00	25.88 -0.45 0.00	24.68 -0.58 0.00	24.07 -0.62 0.00	23.05 -0.59 0.00	22.82 -0.61 0.00	24.48 -0.45 0.00	28.17 -0.28 0.00	30.02 -0.12 0.00	30.49 0.03 0.00	30.35 0.09 0.00	26.78 0.11 0.00	23.53 0.02 0.00	21.81 0.07 0.00
GLENDALE_27_KV_LOAD 356172	20.07 0.94 0.00	19.21 0.84 0.00	18.52 0.78 0.00	18.44 0.76 0.00	18.89 0.71 0.00	21.21 0.56 0.00	25.97 0.78 0.00	30.36 1.05 0.00	31.13 1.40 0.00	28.89 1.48 0.00	27.88 1.38 0.00	27.83 1.50 0.00	26.90 1.64 0.00	26.29 1.60 0.00	25.25 1.61 0.00	24.96 1.52 0.00	26.49 1.57 0.00	30.34 1.88 0.00	32.10 1.96 0.00	32.47 2.01 0.00	31.80 1.54 0.00	27.74 1.07 0.00	24.63 1.13 0.00	22.60 0.85 0.00
GLENWOOD_IC_1_G5 23712	20.05 0.92 0.00	19.16 0.79 0.00	18.49 0.75 0.00	18.40 0.72 0.00	18.87 0.69 0.00	21.42 0.76 0.00	26.13 0.93 0.00	30.42 1.11 0.00	31.19 1.46 0.00	29.04 1.62 -0.01	31.05 1.51 -3.04	31.02 1.58 -3.11	30.27 1.64 -3.38	30.19 1.60 -3.91	29.78 1.58 -4.55	30.30 1.52 -5.34	30.69 1.55 -4.22	31.21 1.82 -0.93	33.11 1.96 -1.00	32.57 2.10 -0.01	31.94 1.66 -0.01	30.94 1.28 -3.00	28.29 1.25 -3.54	22.78 1.02 -0.01
GLENWOOD_IC_2_G1 23688	19.95 0.82 0.00	19.08 0.72 0.00	18.42 0.67 0.00	18.33 0.65 0.00	18.82 0.64 0.00	21.31 0.66 0.00	26.00 0.81 0.00	30.39 1.08 0.00	31.04 1.31 0.00	28.85 1.42 -0.01	30.86 1.32 -3.04	30.81 1.37 -3.11	30.12 1.49 -3.38	30.09 1.51 -3.91	29.64 1.44 -4.55	30.15 1.38 -5.34	30.54 1.39 -4.22	31.04 1.65 -0.93	32.83 1.69 -1.00	32.45 1.98 -0.01	32.15 1.88 -0.01	30.87 1.20 -3.00	28.15 1.11 -3.54	22.63 0.87 -0.01
GLENWOOD_IC_3_G1 23689	19.95 0.82 0.00	19.08 0.72 0.00	18.42 0.67 0.00	18.33 0.65 0.00	18.82 0.64 0.00	21.31 0.66 0.00	26.00 0.81 0.00	30.39 1.08 0.00	31.04 1.31 0.00	28.85 1.42 -0.01	30.86 1.32 -3.04	30.81 1.37 -3.11	30.12 1.49 -3.38	30.09 1.51 -3.91	29.64 1.44 -4.55	30.15 1.38 -5.34	30.54 1.39 -4.22	31.04 1.65 -0.93	32.83 1.69 -1.00	32.45 1.98 -0.01	32.15 1.88 -0.01	30.87 1.20 -3.00	28.15 1.11 -3.54	22.63 0.87 -0.01
GLENWOOD___4 23550	20.05 0.92 0.00	19.16 0.79 0.00	18.49 0.75 0.00	18.40 0.72 0.00	18.87 0.69 0.00	21.42 0.76 0.00	26.13 0.93 0.00	30.42 1.11 0.00	31.19 1.46 0.00	29.04 1.62 -0.01	31.05 1.51 -3.04	31.02 1.58 -3.11	30.27 1.64 -3.38	30.19 1.60 -3.91	29.78 1.58 -4.55	30.30 1.52 -5.34	30.69 1.55 -4.22	31.21 1.82 -0.93	33.11 1.96 -1.00	32.57 2.10 -0.01	31.94 1.66 -0.01	30.94 1.28 -3.00	28.29 1.25 -3.54	22.78 1.02 -0.01
GLENWOOD___5 23614	20.05 0.92 0.00	19.16 0.79 0.00	18.49 0.75 0.00	18.40 0.72 0.00	18.87 0.69 0.00	21.42 0.76 0.00	26.13 0.93 0.00	30.42 1.11 0.00	31.19 1.46 0.00	29.04 1.62 -0.01	31.05 1.51 -3.04	31.02 1.58 -3.11	30.27 1.64 -3.38	30.19 1.60 -3.91	29.78 1.58 -4.55	30.30 1.52 -5.34	30.69 1.55 -4.22	31.21 1.82 -0.93	33.11 1.96 -1.00	32.57 2.10 -0.01	31.94 1.66 -0.01	30.94 1.28 -3.00	28.29 1.25 -3.54	22.78 1.02 -0.01
GLOBAL GREEN_PORT_GT1 23814	21.06 1.93 0.00	20.00 1.63 0.00	19.30 1.56 0.00	19.23 1.56 0.00	19.75 1.56 0.00	22.59 1.94 0.00	27.03 1.84 0.00	31.67 2.37 0.00	32.62 2.88 0.00	30.63 3.21 -0.01	32.51 2.97 -3.04	32.36 2.92 -3.11	31.56 2.93 -3.38	31.33 2.74 -3.91	30.75 2.55 -4.55	31.33 2.55 -5.34	31.86 2.72 -4.22	32.68 3.27 -0.95	34.68 3.41 -1.13	39.33 3.78 -5.10	34.03 3.63 -0.14	32.55 2.88 -3.00	29.64 2.59 -3.55	24.00 2.24 -0.01
GLOBE___DSASP 323697	18.44 -0.69 0.00	17.84 -0.53 0.00	17.26 -0.48 0.00	17.20 -0.48 0.00	17.73 -0.45 0.00	20.24 -0.41 0.00	24.56 -0.63 0.00	28.13 -1.17 0.00	28.67 -1.07 0.00	26.26 -1.15 0.00	25.31 -1.19 0.00	25.23 -1.11 0.00	24.17 -1.09 0.00	23.55 -1.14 0.00	22.36 -1.28 0.00	22.10 -1.34 0.00	23.20 -1.72 0.00	26.18 -2.28 0.00	28.15 -1.99 0.00	29.15 -1.31 0.00	28.72 -1.54 0.00	25.63 -1.04 0.00	22.45 -1.06 0.00	20.99 -0.76 0.00
GOETHSLN___LBMP 323567	19.80 0.67 0.00	18.99 0.62 0.00	18.33 0.59 0.00	18.24 0.57 0.00	18.69 0.51 0.00	21.07 0.41 0.00	25.82 0.63 0.00	30.15 0.85 0.00	30.90 1.16 0.00	28.64 1.23 0.00	27.66 1.17 0.00	27.57 1.24 0.00	26.62 1.36 0.00	26.01 1.33 0.00	24.96 1.32 0.00	24.67 1.24 0.00	26.20 1.27 0.00	29.99 1.54 0.00	31.77 1.63 0.00	32.16 1.71 0.00	31.53 1.27 0.00	27.52 0.85 0.00	24.42 0.92 0.00	22.38 0.63 0.00
GOLAH___69_KV_TB 1_2 80279	19.04 -0.10 0.00	18.33 -0.04 0.00	17.71 -0.04 0.00	17.68 0.00 0.00	18.24 0.05 0.00	20.86 0.21 0.00	25.39 0.20 0.00	29.27 -0.03 0.00	29.74 0.00 0.00	27.27 -0.14 0.00	26.31 -0.19 0.00	26.12 -0.21 0.00	24.98 -0.28 0.00	24.39 -0.30 0.00	23.19 -0.45 0.00	22.99 -0.45 0.00	24.25 -0.67 0.00	27.46 -1.00 0.00	29.45 -0.69 0.00	30.31 -0.15 0.00	29.93 -0.33 0.00	26.59 -0.08 0.00	23.29 -0.21 0.00	21.70 -0.04 0.00

GOODYEAR_LAKE_HYD 323669	19.80 0.67 0.00	18.99 0.62 0.00	18.33 0.59 0.00	18.24 0.57 0.00	18.78 0.60 0.00	21.40 0.74 0.00	26.25 1.06 0.00	30.56 1.26 0.00	31.31 1.58 0.00	28.86 1.45 0.00	27.82 1.32 0.00	27.65 1.32 0.00	26.49 1.24 0.00	25.89 1.21 0.00	24.78 1.13 0.00	24.51 1.08 0.00	26.07 1.15 0.00	29.74 1.28 0.00	31.62 1.48 0.00	32.16 1.71 0.00	31.65 1.39 0.00	27.92 1.25 0.00	24.61 1.10 0.00	22.71 0.96 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	19.40 0.27 0.00	18.68 0.31 0.00	18.03 0.28 0.00	17.94 0.27 0.00	18.47 0.29 0.00	21.07 0.41 0.00	25.80 0.60 0.00	29.86 0.56 0.00	30.93 1.19 0.00	28.45 1.04 0.00	27.40 0.90 0.00	27.23 0.90 0.00	26.06 0.81 0.00	25.42 0.74 0.00	24.33 0.69 0.00	24.04 0.61 0.00	25.52 0.60 0.00	29.08 0.63 0.00	31.02 0.87 0.00	31.80 1.34 0.00	31.14 0.88 0.00	27.63 0.96 0.00	24.30 0.80 0.00	22.57 0.83 0.00
GOUDEY___7 23579	19.42 0.29 0.00	18.70 0.33 0.00	18.04 0.30 0.00	17.96 0.28 0.00	18.49 0.31 0.00	21.07 0.41 0.00	25.82 0.63 0.00	29.89 0.59 0.00	30.96 1.22 0.00	28.48 1.07 0.00	27.43 0.93 0.00	27.25 0.92 0.00	26.09 0.83 0.00	25.47 0.79 0.00	24.35 0.71 0.00	24.06 0.63 0.00	25.55 0.62 0.00	29.11 0.65 0.00	31.05 0.90 0.00	31.83 1.37 0.00	31.17 0.91 0.00	27.66 0.99 0.00	24.30 0.80 0.00	22.60 0.85 0.00
GOUDEY___8 23580	19.40 0.27 0.00	18.68 0.31 0.00	18.03 0.28 0.00	17.94 0.27 0.00	18.47 0.29 0.00	21.07 0.41 0.00	25.80 0.60 0.00	29.86 0.56 0.00	30.93 1.19 0.00	28.45 1.04 0.00	27.40 0.90 0.00	27.23 0.90 0.00	26.06 0.81 0.00	25.42 0.74 0.00	24.33 0.69 0.00	24.04 0.61 0.00	25.52 0.60 0.00	29.08 0.63 0.00	31.02 0.87 0.00	31.80 1.34 0.00	31.14 0.88 0.00	27.63 0.96 0.00	24.30 0.80 0.00	22.57 0.83 0.00
GOWANUS_GT1_1 24077	20.05 0.92 0.00	19.18 0.81 0.00	18.51 0.76 0.00	18.38 0.71 0.00	18.85 0.67 0.00	21.15 0.50 0.00	25.87 0.68 0.00	30.27 0.97 0.00	31.04 1.31 0.00	28.83 1.43 0.00	27.80 1.30 0.00	27.78 1.45 0.00	26.87 1.62 0.00	26.26 1.58 0.00	25.22 1.58 0.00	24.93 1.50 0.00	26.49 1.57 0.00	30.36 1.91 0.00	32.13 1.99 0.00	32.47 2.01 0.00	31.80 1.54 0.00	27.71 1.04 0.00	24.61 1.10 0.00	22.55 0.80 0.00
GOWANUS_GT1_2 24078	20.05 0.92 0.00	19.18 0.81 0.00	18.51 0.76 0.00	18.38 0.71 0.00	18.85 0.67 0.00	21.15 0.50 0.00	25.87 0.68 0.00	30.27 0.97 0.00	31.04 1.31 0.00	28.83 1.43 0.00	27.80 1.30 0.00	27.78 1.45 0.00	26.87 1.62 0.00	26.26 1.58 0.00	25.22 1.58 0.00	24.93 1.50 0.00	26.49 1.57 0.00	30.36 1.91 0.00	32.13 1.99 0.00	32.47 2.01 0.00	31.80 1.54 0.00	27.71 1.04 0.00	24.61 1.10 0.00	22.55 0.80 0.00
GOWANUS_GT1_3 24079	20.05 0.92 0.00	19.18 0.81 0.00	18.51 0.76 0.00	18.38 0.71 0.00	18.85 0.67 0.00	21.15 0.50 0.00	25.87 0.68 0.00	30.27 0.97 0.00	31.04 1.31 0.00	28.83 1.43 0.00	27.80 1.30 0.00	27.78 1.45 0.00	26.87 1.62 0.00	26.26 1.58 0.00	25.22 1.58 0.00	24.93 1.50 0.00	26.49 1.57 0.00	30.36 1.91 0.00	32.13 1.99 0.00	32.47 2.01 0.00	31.80 1.54 0.00	27.71 1.04 0.00	24.61 1.10 0.00	22.55 0.80 0.00
GOWANUS_GT1_4 24080	20.05 0.92 0.00	19.18 0.81 0.00	18.51 0.76 0.00	18.38 0.71 0.00	18.85 0.67 0.00	21.15 0.50 0.00	25.87 0.68 0.00	30.27 0.97 0.00	31.04 1.31 0.00	28.83 1.43 0.00	27.80 1.30 0.00	27.78 1.45 0.00	26.87 1.62 0.00	26.26 1.58 0.00	25.22 1.58 0.00	24.93 1.50 0.00	26.49 1.57 0.00	30.36 1.91 0.00	32.13 1.99 0.00	32.47 2.01 0.00	31.80 1.54 0.00	27.71 1.04 0.00	24.61 1.10 0.00	22.55 0.80 0.00
GOWANUS_GT1_5 24084	20.05 0.92 0.00	19.18 0.81 0.00	18.51 0.76 0.00	18.38 0.71 0.00	18.85 0.67 0.00	21.15 0.50 0.00	25.87 0.68 0.00	30.27 0.97 0.00	31.04 1.31 0.00	28.83 1.43 0.00	27.80 1.30 0.00	27.78 1.45 0.00	26.87 1.62 0.00	26.26 1.58 0.00	25.22 1.58 0.00	24.93 1.50 0.00	26.49 1.57 0.00	30.36 1.91 0.00	32.13 1.99 0.00	32.47 2.01 0.00	31.80 1.54 0.00	27.71 1.04 0.00	24.61 1.10 0.00	22.55 0.80 0.00
GOWANUS_GT1_6 24111	20.05 0.92 0.00	19.18 0.81 0.00	18.51 0.76 0.00	18.38 0.71 0.00	18.85 0.67 0.00	21.15 0.50 0.00	25.87 0.68 0.00	30.27 0.97 0.00	31.04 1.31 0.00	28.83 1.43 0.00	27.80 1.30 0.00	27.78 1.45 0.00	26.87 1.62 0.00	26.26 1.58 0.00	25.22 1.58 0.00	24.93 1.50 0.00	26.49 1.57 0.00	30.36 1.91 0.00	32.13 1.99 0.00	32.47 2.01 0.00	31.80 1.54 0.00	27.71 1.04 0.00	24.61 1.10 0.00	22.55 0.80 0.00
GOWANUS_GT1_7 24112	20.05 0.92 0.00	19.18 0.81 0.00	18.51 0.76 0.00	18.38 0.71 0.00	18.85 0.67 0.00	21.15 0.50 0.00	25.87 0.68 0.00	30.27 0.97 0.00	31.04 1.31 0.00	28.83 1.43 0.00	27.80 1.30 0.00	27.78 1.45 0.00	26.87 1.62 0.00	26.26 1.58 0.00	25.22 1.58 0.00	24.93 1.50 0.00	26.49 1.57 0.00	30.36 1.91 0.00	32.13 1.99 0.00	32.47 2.01 0.00	31.80 1.54 0.00	27.71 1.04 0.00	24.61 1.10 0.00	22.55 0.80 0.00
GOWANUS_GT1_8 24113	20.05 0.92 0.00	19.18 0.81 0.00	18.51 0.76 0.00	18.38 0.71 0.00	18.85 0.67 0.00	21.15 0.50 0.00	25.87 0.68 0.00	30.27 0.97 0.00	31.04 1.31 0.00	28.83 1.43 0.00	27.80 1.30 0.00	27.78 1.45 0.00	26.87 1.62 0.00	26.26 1.58 0.00	25.22 1.58 0.00	24.93 1.50 0.00	26.49 1.57 0.00	30.36 1.91 0.00	32.13 1.99 0.00	32.47 2.01 0.00	31.80 1.54 0.00	27.71 1.04 0.00	24.61 1.10 0.00	22.55 0.80 0.00
GOWANUS_GT2_1 24114	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
GOWANUS_GT2_2 24115	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
GOWANUS_GT2_3 24116	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00

GOWANUS_GT2_4 24117	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
GOWANUS_GT2_5 24118	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
GOWANUS_GT2_6 24119	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
GOWANUS_GT2_7 24120	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
GOWANUS_GT2_8 24121	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
GOWANUS_GT3_1 24122	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
GOWANUS_GT3_2 24123	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
GOWANUS_GT3_3 24124	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
GOWANUS_GT3_4 24125	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
GOWANUS_GT3_5 24126	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
GOWANUS_GT3_6 24127	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
GOWANUS_GT3_7 24128	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
GOWANUS_GT3_8 24129	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
GOWANUS_GT4_1 24130	20.05 0.92 0.00	19.18 0.81 0.00	18.51 0.76 0.00	18.38 0.71 0.00	18.85 0.67 0.00	21.15 0.50 0.00	25.87 0.68 0.00	30.27 0.97 0.00	31.04 1.31 0.00	28.83 1.43 0.00	27.80 1.30 0.00	27.78 1.45 0.00	26.87 1.62 0.00	26.26 1.58 0.00	25.22 1.58 0.00	24.93 1.50 0.00	26.49 1.57 0.00	30.36 1.91 0.00	32.13 1.99 0.00	32.47 2.01 0.00	31.80 1.54 0.00	27.71 1.04 0.00	24.61 1.10 0.00	22.55 0.80 0.00
GOWANUS_GT4_2 24131	20.05 0.92 0.00	19.18 0.81 0.00	18.51 0.76 0.00	18.38 0.71 0.00	18.85 0.67 0.00	21.15 0.50 0.00	25.87 0.68 0.00	30.27 0.97 0.00	31.04 1.31 0.00	28.83 1.43 0.00	27.80 1.30 0.00	27.78 1.45 0.00	26.87 1.62 0.00	26.26 1.58 0.00	25.22 1.58 0.00	24.93 1.50 0.00	26.49 1.57 0.00	30.36 1.91 0.00	32.13 1.99 0.00	32.47 2.01 0.00	31.80 1.54 0.00	27.71 1.04 0.00	24.61 1.10 0.00	22.55 0.80 0.00

GOWANUS_GT4_3 24132	20.05 0.92 0.00	19.18 0.81 0.00	18.51 0.76 0.00	18.38 0.71 0.00	18.85 0.67 0.00	21.15 0.50 0.00	25.87 0.68 0.00	30.27 0.97 0.00	31.04 1.31 0.00	28.83 1.43 0.00	27.80 1.30 0.00	27.78 1.45 0.00	26.87 1.62 0.00	26.26 1.58 0.00	25.22 1.58 0.00	24.93 1.50 0.00	26.49 1.57 0.00	30.36 1.91 0.00	32.13 1.99 0.00	32.47 2.01 0.00	31.80 1.54 0.00	27.71 1.04 0.00	24.61 1.10 0.00	22.55 0.80 0.00
GOWANUS_GT4_4 24133	20.05 0.92 0.00	19.18 0.81 0.00	18.51 0.76 0.00	18.38 0.71 0.00	18.85 0.67 0.00	21.15 0.50 0.00	25.87 0.68 0.00	30.27 0.97 0.00	31.04 1.31 0.00	28.83 1.43 0.00	27.80 1.30 0.00	27.78 1.45 0.00	26.87 1.62 0.00	26.26 1.58 0.00	25.22 1.58 0.00	24.93 1.50 0.00	26.49 1.57 0.00	30.36 1.91 0.00	32.13 1.99 0.00	32.47 2.01 0.00	31.80 1.54 0.00	27.71 1.04 0.00	24.61 1.10 0.00	22.55 0.80 0.00
GOWANUS_GT4_5 24134	20.05 0.92 0.00	19.18 0.81 0.00	18.51 0.76 0.00	18.38 0.71 0.00	18.85 0.67 0.00	21.15 0.50 0.00	25.87 0.68 0.00	30.27 0.97 0.00	31.04 1.31 0.00	28.83 1.43 0.00	27.80 1.30 0.00	27.78 1.45 0.00	26.87 1.62 0.00	26.26 1.58 0.00	25.22 1.58 0.00	24.93 1.50 0.00	26.49 1.57 0.00	30.36 1.91 0.00	32.13 1.99 0.00	32.47 2.01 0.00	31.80 1.54 0.00	27.71 1.04 0.00	24.61 1.10 0.00	22.55 0.80 0.00
GOWANUS_GT4_6 24135	20.05 0.92 0.00	19.18 0.81 0.00	18.51 0.76 0.00	18.38 0.71 0.00	18.85 0.67 0.00	21.15 0.50 0.00	25.87 0.68 0.00	30.27 0.97 0.00	31.04 1.31 0.00	28.83 1.43 0.00	27.80 1.30 0.00	27.78 1.45 0.00	26.87 1.62 0.00	26.26 1.58 0.00	25.22 1.58 0.00	24.93 1.50 0.00	26.49 1.57 0.00	30.36 1.91 0.00	32.13 1.99 0.00	32.47 2.01 0.00	31.80 1.54 0.00	27.71 1.04 0.00	24.61 1.10 0.00	22.55 0.80 0.00
GOWANUS_GT4_7 24136	20.05 0.92 0.00	19.18 0.81 0.00	18.51 0.76 0.00	18.38 0.71 0.00	18.85 0.67 0.00	21.15 0.50 0.00	25.87 0.68 0.00	30.27 0.97 0.00	31.04 1.31 0.00	28.83 1.43 0.00	27.80 1.30 0.00	27.78 1.45 0.00	26.87 1.62 0.00	26.26 1.58 0.00	25.22 1.58 0.00	24.93 1.50 0.00	26.49 1.57 0.00	30.36 1.91 0.00	32.13 1.99 0.00	32.47 2.01 0.00	31.80 1.54 0.00	27.71 1.04 0.00	24.61 1.10 0.00	22.55 0.80 0.00
GOWANUS_GT4_8 24137	20.05 0.92 0.00	19.18 0.81 0.00	18.51 0.76 0.00	18.38 0.71 0.00	18.85 0.67 0.00	21.15 0.50 0.00	25.87 0.68 0.00	30.27 0.97 0.00	31.04 1.31 0.00	28.83 1.43 0.00	27.80 1.30 0.00	27.78 1.45 0.00	26.87 1.62 0.00	26.26 1.58 0.00	25.22 1.58 0.00	24.93 1.50 0.00	26.49 1.57 0.00	30.36 1.91 0.00	32.13 1.99 0.00	32.47 2.01 0.00	31.80 1.54 0.00	27.71 1.04 0.00	24.61 1.10 0.00	22.55 0.80 0.00
GREENBSH_115KV_TB3 55895	19.67 0.54 0.00	18.86 0.50 0.00	18.24 0.50 0.00	18.17 0.49 0.00	18.67 0.49 0.00	21.19 0.54 0.00	25.82 0.63 0.00	29.98 0.67 0.00	30.48 0.74 0.00	28.01 0.60 0.00	27.11 0.61 0.00	26.94 0.61 0.00	25.86 0.61 0.00	25.30 0.62 0.00	24.26 0.61 0.00	24.04 0.61 0.00	25.57 0.65 0.00	29.17 0.71 0.00	30.93 0.78 0.00	31.46 1.01 0.00	31.02 0.76 0.00	27.31 0.64 0.00	24.09 0.59 0.00	22.27 0.52 0.00
GREENDGE_115KV_TB5 80291	19.50 0.36 0.00	18.79 0.42 0.00	18.11 0.37 0.00	18.05 0.37 0.00	18.60 0.42 0.00	21.29 0.64 0.00	26.15 0.96 0.00	30.30 1.00 0.00	30.96 1.22 0.00	28.37 0.96 0.00	27.29 0.79 0.00	27.10 0.76 0.00	25.89 0.63 0.00	25.22 0.54 0.00	24.07 0.43 0.00	23.83 0.40 0.00	25.27 0.35 0.00	28.80 0.34 0.00	30.87 0.72 0.00	31.71 1.25 0.00	31.08 0.82 0.00	27.58 0.91 0.00	24.12 0.61 0.00	22.44 0.70 0.00
GREENIDGE___3 23582	19.50 0.36 0.00	18.79 0.42 0.00	18.11 0.37 0.00	18.05 0.37 0.00	18.60 0.42 0.00	21.29 0.64 0.00	26.15 0.96 0.00	30.30 1.00 0.00	30.96 1.22 0.00	28.37 0.96 0.00	27.29 0.79 0.00	27.10 0.76 0.00	25.89 0.63 0.00	25.22 0.54 0.00	24.07 0.43 0.00	23.83 0.40 0.00	25.27 0.35 0.00	28.80 0.34 0.00	30.87 0.72 0.00	31.71 1.25 0.00	31.08 0.82 0.00	27.58 0.91 0.00	24.12 0.61 0.00	22.44 0.70 0.00
GREENIDGE___4 23583	19.49 0.36 0.00	18.79 0.42 0.00	18.12 0.37 0.00	18.05 0.37 0.00	18.60 0.42 0.00	21.29 0.64 0.00	26.10 0.91 0.00	30.33 1.03 0.00	30.87 1.13 0.00	28.29 0.88 0.00	27.19 0.69 0.00	27.02 0.68 0.00	25.76 0.50 0.00	25.10 0.42 0.00	24.00 0.36 0.00	23.78 0.35 0.00	25.17 0.25 0.00	28.68 0.23 0.00	30.75 0.60 0.00	31.49 1.04 0.00	31.35 1.09 0.00	27.36 0.69 0.00	24.12 0.61 0.00	22.44 0.70 0.00
GREENLWN_69_KV_BK 3 55738	20.03 0.90 0.00	19.07 0.70 0.00	18.38 0.64 0.00	18.30 0.62 0.00	18.80 0.62 0.00	21.42 0.76 0.00	26.02 0.83 0.00	30.03 0.73 0.00	30.84 1.10 0.00	28.98 1.56 -0.01	30.89 1.35 -3.04	30.86 1.42 -3.11	30.17 1.54 -3.38	30.09 1.51 -3.91	29.73 1.54 -4.55	30.20 1.43 -5.34	30.59 1.45 -4.22	31.06 1.68 -0.93	33.33 2.20 -0.99	32.23 2.41 0.63	32.19 1.94 0.00	30.81 1.15 -3.00	28.32 1.27 -3.55	22.83 1.07 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.05 0.92 0.00	19.18 0.81 0.00	18.51 0.76 0.00	18.38 0.71 0.00	18.85 0.67 0.00	21.15 0.50 0.00	25.87 0.68 0.00	30.27 0.97 0.00	31.04 1.31 0.00	28.83 1.43 0.00	27.80 1.30 0.00	27.78 1.45 0.00	26.87 1.62 0.00	26.26 1.58 0.00	25.22 1.58 0.00	24.93 1.50 0.00	26.49 1.57 0.00	30.36 1.91 0.00	32.13 1.99 0.00	32.47 2.01 0.00	31.80 1.54 0.00	27.71 1.04 0.00	24.61 1.10 0.00	22.55 0.80 0.00
GRISSOM___SOLAR 323813	20.63 1.49 0.00	19.75 1.38 0.00	19.11 1.37 0.00	19.06 1.38 0.00	19.69 1.51 0.00	22.47 1.82 0.00	27.69 2.49 0.00	32.03 2.73 0.00	32.44 2.71 0.00	29.41 2.00 0.00	28.41 1.91 0.00	28.04 1.71 0.00	26.87 1.62 0.00	26.19 1.51 0.00	25.06 1.42 0.00	24.84 1.41 0.00	26.57 1.64 0.00	30.51 2.05 0.00	32.76 2.62 0.00	33.29 2.83 0.00	33.19 2.93 0.00	28.96 2.29 0.00	25.50 2.00 0.00	23.51 1.76 0.00
GROVEVILLE___HYD 323602	20.01 0.88 0.00	19.21 0.84 0.00	18.52 0.78 0.00	18.44 0.76 0.00	18.93 0.75 0.00	21.42 0.76 0.00	26.18 0.98 0.00	30.50 1.20 0.00	31.16 1.43 0.00	28.78 1.37 0.00	27.88 1.38 0.00	27.70 1.37 0.00	26.69 1.44 0.00	26.11 1.43 0.00	25.04 1.39 0.00	24.77 1.34 0.00	26.30 1.37 0.00	30.05 1.59 0.00	31.89 1.75 0.00	32.35 1.89 0.00	31.80 1.54 0.00	27.87 1.20 0.00	24.61 1.10 0.00	22.62 0.87 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.98 -0.15 0.00	18.24 -0.13 0.00	17.62 -0.12 0.00	17.55 -0.12 0.00	18.07 -0.11 0.00	20.57 -0.08 0.00	25.14 -0.05 0.00	29.21 -0.09 0.00	29.44 -0.30 0.00	27.13 -0.27 0.00	26.23 -0.26 0.00	26.07 -0.26 0.00	24.95 -0.30 0.00	24.36 -0.32 0.00	23.31 -0.33 0.00	23.10 -0.33 0.00	24.58 -0.35 0.00	28.03 -0.43 0.00	29.81 -0.33 0.00	30.28 -0.18 0.00	29.99 -0.27 0.00	26.46 -0.21 0.00	23.25 -0.26 0.00	21.60 -0.15 0.00

HAMLTNNY_34_KV_TB 80303	19.00 -0.13 0.00	18.28 -0.09 0.00	17.64 -0.11 0.00	17.57 -0.11 0.00	18.09 -0.09 0.00	20.59 -0.06 0.00	25.19 0.00 0.00	29.27 -0.03 0.00	29.47 -0.27 0.00	27.16 -0.25 0.00	26.23 -0.26 0.00	26.07 -0.26 0.00	24.95 -0.30 0.00	24.36 -0.32 0.00	23.29 -0.35 0.00	23.10 -0.33 0.00	24.55 -0.37 0.00	28.00 -0.46 0.00	29.81 -0.33 0.00	30.31 -0.15 0.00	29.99 -0.27 0.00	26.46 -0.21 0.00	23.25 -0.26 0.00	21.60 -0.15 0.00
HAMPSHIRE___PAPER_HYD 323593	18.69 -0.44 0.00	17.91 -0.46 0.00	17.28 -0.46 0.00	17.24 -0.44 0.00	17.78 -0.40 0.00	20.28 -0.37 0.00	24.69 -0.50 0.00	28.98 -0.32 0.00	29.26 -0.48 0.00	26.89 -0.52 0.00	25.91 -0.58 0.00	25.73 -0.60 0.00	24.57 -0.68 0.00	23.99 -0.69 0.00	22.98 -0.66 0.00	22.78 -0.66 0.00	24.35 -0.57 0.00	27.95 -0.51 0.00	29.51 -0.63 0.00	29.67 -0.79 0.00	29.47 -0.79 0.00	26.22 -0.45 0.00	23.04 -0.47 0.00	21.36 -0.39 0.00
HARDSCRABBLE_WT_PWR 323673	19.53 0.40 0.00	18.74 0.37 0.00	18.10 0.35 0.00	18.01 0.34 0.00	18.51 0.33 0.00	20.98 0.33 0.00	25.60 0.40 0.00	29.74 0.44 0.00	30.18 0.45 0.00	27.85 0.44 0.00	26.95 0.45 0.00	26.86 0.53 0.00	25.73 0.48 0.00	25.15 0.47 0.00	24.09 0.45 0.00	23.88 0.44 0.00	25.42 0.50 0.00	29.00 0.54 0.00	30.71 0.57 0.00	31.04 0.58 0.00	30.74 0.48 0.00	26.99 0.32 0.00	23.74 0.24 0.00	21.90 0.15 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.80 0.67 0.00	19.01 0.64 0.00	18.33 0.59 0.00	18.24 0.57 0.00	18.73 0.55 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.21 0.91 0.00	30.87 1.13 0.00	28.56 1.15 0.00	27.61 1.11 0.00	27.47 1.13 0.00	26.44 1.19 0.00	25.87 1.18 0.00	24.82 1.18 0.00	24.56 1.12 0.00	26.07 1.15 0.00	29.79 1.34 0.00	31.59 1.45 0.00	32.10 1.64 0.00	31.50 1.24 0.00	27.63 0.96 0.00	24.42 0.92 0.00	22.44 0.70 0.00
HARSNRAD_115KV_TB1 81005	18.96 -0.17 0.00	18.31 -0.06 0.00	17.71 -0.04 0.00	17.66 -0.02 0.00	18.22 0.04 0.00	20.82 0.17 0.00	25.29 0.10 0.00	28.95 -0.35 0.00	29.53 -0.21 0.00	27.05 -0.36 0.00	26.07 -0.42 0.00	25.96 -0.37 0.00	24.85 -0.40 0.00	24.21 -0.47 0.00	22.98 -0.66 0.00	22.73 -0.70 0.00	23.85 -1.07 0.00	26.92 -1.54 0.00	28.97 -1.18 0.00	30.03 -0.43 0.00	29.56 -0.70 0.00	26.38 -0.29 0.00	23.08 -0.42 0.00	21.57 -0.17 0.00
HARZA MOOSE___RIVER 24016	19.30 0.17 0.00	18.50 0.13 0.00	17.87 0.12 0.00	17.80 0.12 0.00	18.35 0.16 0.00	20.90 0.25 0.00	25.57 0.38 0.00	29.95 0.64 0.00	30.27 0.54 0.00	27.77 0.36 0.00	26.79 0.29 0.00	26.60 0.26 0.00	25.43 0.18 0.00	24.88 0.20 0.00	23.81 0.17 0.00	23.60 0.16 0.00	25.22 0.30 0.00	28.86 0.40 0.00	30.47 0.33 0.00	30.82 0.37 0.00	30.59 0.33 0.00	27.02 0.35 0.00	23.79 0.28 0.00	22.10 0.35 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	18.86 -0.27 0.00	18.13 -0.24 0.00	17.51 -0.23 0.00	17.45 -0.23 0.00	17.96 -0.22 0.00	20.43 -0.23 0.00	24.97 -0.23 0.00	29.01 -0.29 0.00	29.26 -0.48 0.00	26.94 -0.47 0.00	26.05 -0.45 0.00	25.89 -0.45 0.00	24.80 -0.45 0.00	24.21 -0.47 0.00	23.17 -0.47 0.00	22.96 -0.47 0.00	24.43 -0.50 0.00	27.86 -0.60 0.00	29.63 -0.51 0.00	30.09 -0.37 0.00	29.81 -0.45 0.00	26.30 -0.37 0.00	23.11 -0.40 0.00	21.47 -0.28 0.00
HELLGATE_13_KV_LD 55870	20.01 0.88 0.00	19.16 0.79 0.00	18.47 0.73 0.00	18.38 0.71 0.00	18.84 0.65 0.00	21.13 0.48 0.00	25.85 0.66 0.00	30.18 0.88 0.00	30.96 1.22 0.00	28.72 1.32 0.00	27.72 1.22 0.00	27.68 1.34 0.00	26.77 1.52 0.00	26.16 1.48 0.00	25.11 1.47 0.00	24.84 1.41 0.00	26.34 1.42 0.00	30.19 1.74 0.00	31.92 1.78 0.00	32.29 1.83 0.00	31.62 1.36 0.00	27.58 0.91 0.00	24.54 1.03 0.00	22.49 0.74 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.01 0.88 0.00	19.16 0.79 0.00	18.47 0.73 0.00	18.38 0.71 0.00	18.84 0.65 0.00	21.13 0.48 0.00	25.85 0.66 0.00	30.18 0.88 0.00	30.96 1.22 0.00	28.72 1.32 0.00	27.72 1.22 0.00	27.68 1.34 0.00	26.77 1.52 0.00	26.16 1.48 0.00	25.11 1.47 0.00	24.84 1.41 0.00	26.34 1.42 0.00	30.19 1.74 0.00	31.92 1.78 0.00	32.29 1.83 0.00	31.62 1.36 0.00	27.58 0.91 0.00	24.54 1.03 0.00	22.49 0.74 0.00
HEMPSTEAD____ 23647	20.01 0.88 0.00	19.08 0.72 0.00	18.40 0.66 0.00	18.33 0.65 0.00	18.80 0.62 0.00	21.40 0.74 0.00	25.98 0.78 0.00	30.27 0.97 0.00	31.01 1.28 0.00	29.01 1.59 -0.01	30.97 1.43 -3.04	30.89 1.45 -3.11	30.20 1.57 -3.38	30.17 1.58 -3.91	29.71 1.51 -4.55	30.23 1.45 -5.34	30.64 1.50 -4.22	31.12 1.74 -0.93	32.93 1.78 -1.00	32.57 2.10 -0.01	32.24 1.97 -0.01	30.97 1.31 -3.00	28.25 1.20 -3.54	22.76 1.00 -0.01
HEWLETT_69_KV_BK3 55828	20.43 1.30 0.00	19.45 1.08 0.00	18.75 1.01 0.00	18.67 0.99 0.00	19.16 0.98 0.00	21.83 1.18 0.00	26.55 1.36 0.00	30.91 1.61 0.00	31.82 2.08 0.00	29.72 2.30 -0.01	31.68 2.15 -3.04	31.63 2.19 -3.11	30.85 2.22 -3.38	30.79 2.20 -3.91	30.32 2.13 -4.55	30.81 2.04 -5.34	31.27 2.12 -4.22	31.83 2.45 -0.93	33.77 2.62 -1.00	33.27 2.80 -0.01	32.63 2.36 -0.01	31.58 1.92 -3.00	28.85 1.81 -3.54	23.33 1.57 -0.01
HICKLING___1 23621	19.69 0.55 0.00	19.01 0.64 0.00	18.35 0.60 0.00	18.24 0.57 0.00	18.80 0.62 0.00	21.52 0.87 0.00	26.45 1.26 0.00	30.50 1.20 0.00	31.40 1.67 0.00	28.83 1.43 0.00	27.72 1.22 0.00	27.54 1.21 0.00	26.32 1.06 0.00	25.64 0.96 0.00	24.47 0.83 0.00	24.18 0.75 0.00	25.65 0.72 0.00	29.20 0.74 0.00	31.26 1.12 0.00	32.22 1.77 0.00	31.44 1.18 0.00	27.98 1.31 0.00	24.52 1.01 0.00	22.86 1.11 0.00
HICKLING___2 23622	19.69 0.55 0.00	19.01 0.64 0.00	18.35 0.60 0.00	18.24 0.57 0.00	18.80 0.62 0.00	21.52 0.87 0.00	26.45 1.26 0.00	30.50 1.20 0.00	31.40 1.67 0.00	28.83 1.43 0.00	27.72 1.22 0.00	27.54 1.21 0.00	26.32 1.06 0.00	25.64 0.96 0.00	24.47 0.83 0.00	24.18 0.75 0.00	25.65 0.72 0.00	29.20 0.74 0.00	31.26 1.12 0.00	32.22 1.77 0.00	31.44 1.18 0.00	27.98 1.31 0.00	24.52 1.01 0.00	22.86 1.11 0.00
HIGH FALLS___HY 23754	19.90 0.77 0.00	19.10 0.73 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.80 0.62 0.00	21.27 0.62 0.00	26.02 0.83 0.00	30.33 1.03 0.00	30.99 1.25 0.00	28.64 1.23 0.00	27.72 1.22 0.00	27.54 1.21 0.00	26.49 1.24 0.00	25.92 1.23 0.00	24.85 1.21 0.00	24.63 1.20 0.00	26.17 1.25 0.00	29.97 1.51 0.00	31.83 1.69 0.00	32.32 1.86 0.00	31.71 1.45 0.00	27.79 1.12 0.00	24.54 1.03 0.00	22.53 0.78 0.00
HILLBURN___GT 23639	19.80 0.67 0.00	18.99 0.62 0.00	18.33 0.58 0.00	18.24 0.57 0.00	18.71 0.53 0.00	21.17 0.52 0.00	25.95 0.76 0.00	30.36 1.05 0.00	30.87 1.13 0.00	28.59 1.18 0.00	27.61 1.11 0.00	27.46 1.13 0.00	26.52 1.26 0.00	25.96 1.28 0.00	24.85 1.21 0.00	24.58 1.15 0.00	26.10 1.17 0.00	29.82 1.37 0.00	31.53 1.39 0.00	32.16 1.70 0.00	31.86 1.60 0.00	27.66 0.99 0.00	24.45 0.94 0.00	22.44 0.70 0.00

HILLSIDE_115KV_TB1 80332	19.40 0.27 0.00	18.74 0.37 0.00	18.08 0.34 0.00	18.00 0.32 0.00	18.53 0.35 0.00	21.17 0.52 0.00	26.02 0.83 0.00	30.01 0.70 0.00	30.90 1.16 0.00	28.37 0.96 0.00	27.27 0.77 0.00	27.10 0.76 0.00	25.91 0.66 0.00	25.25 0.57 0.00	24.11 0.47 0.00	23.83 0.40 0.00	25.25 0.32 0.00	28.77 0.31 0.00	30.75 0.60 0.00	31.71 1.25 0.00	30.96 0.70 0.00	27.58 0.91 0.00	24.19 0.68 0.00	22.55 0.80 0.00
HISHELDN_WT_PWR 323625	19.15 0.02 0.00	18.53 0.16 0.00	17.90 0.16 0.00	17.84 0.16 0.00	18.40 0.22 0.00	21.04 0.39 0.00	25.55 0.35 0.00	29.33 0.03 0.00	29.74 0.00 0.00	27.27 -0.14 0.00	26.28 -0.21 0.00	26.20 -0.13 0.00	24.90 -0.35 0.00	24.26 -0.42 0.00	23.17 -0.47 0.00	22.92 -0.52 0.00	23.95 -0.97 0.00	27.12 -1.34 0.00	29.09 -1.06 0.00	29.94 -0.52 0.00	29.99 -0.27 0.00	26.22 -0.45 0.00	23.25 -0.26 0.00	21.75 0.00 0.00
HOLTSVILLE_IC_1 23690	20.34 1.21 0.00	19.32 0.95 0.00	18.65 0.90 0.00	18.58 0.90 0.00	19.07 0.89 0.00	21.77 1.11 0.00	26.20 1.01 0.00	30.53 1.23 0.00	31.34 1.60 0.00	29.42 2.00 -0.01	31.29 1.75 -3.04	31.20 1.76 -3.11	30.47 1.84 -3.38	30.37 1.78 -3.91	29.90 1.70 -4.55	30.46 1.69 -5.34	30.92 1.77 -4.22	31.54 2.14 -0.95	33.36 2.08 -1.14	38.02 2.44 -5.13	32.70 2.30 -0.14	31.42 1.76 -3.00	28.67 1.62 -3.55	23.15 1.39 -0.01
HOLTSVILLE_IC_10 23699	20.43 1.30 0.00	19.43 1.06 0.00	18.74 0.99 0.00	18.67 0.99 0.00	19.16 0.98 0.00	21.87 1.22 0.00	26.33 1.13 0.00	30.68 1.38 0.00	31.52 1.78 0.00	29.59 2.16 -0.01	31.47 1.93 -3.04	31.36 1.92 -3.11	30.62 1.99 -3.38	30.54 1.95 -3.91	30.06 1.87 -4.55	30.60 1.83 -5.34	31.09 1.95 -4.22	31.74 2.33 -0.95	33.59 2.32 -1.13	38.06 2.68 -4.92	32.97 2.57 -0.14	31.64 1.97 -3.00	28.84 1.79 -3.55	23.28 1.52 -0.01
HOLTSVILLE_IC_2 23691	20.34 1.21 0.00	19.32 0.95 0.00	18.65 0.90 0.00	18.58 0.90 0.00	19.07 0.89 0.00	21.77 1.11 0.00	26.20 1.01 0.00	30.53 1.23 0.00	31.34 1.60 0.00	29.42 2.00 -0.01	31.29 1.75 -3.04	31.20 1.76 -3.11	30.47 1.84 -3.38	30.37 1.78 -3.91	29.90 1.70 -4.55	30.46 1.69 -5.34	30.92 1.77 -4.22	31.54 2.14 -0.95	33.36 2.08 -1.14	38.02 2.44 -5.13	32.70 2.30 -0.14	31.42 1.76 -3.00	28.67 1.62 -3.55	23.15 1.39 -0.01
HOLTSVILLE_IC_3 23692	20.34 1.21 0.00	19.32 0.95 0.00	18.65 0.90 0.00	18.58 0.90 0.00	19.07 0.89 0.00	21.77 1.11 0.00	26.20 1.01 0.00	30.53 1.23 0.00	31.34 1.60 0.00	29.42 2.00 -0.01	31.29 1.75 -3.04	31.20 1.76 -3.11	30.47 1.84 -3.38	30.37 1.78 -3.91	29.90 1.70 -4.55	30.46 1.69 -5.34	30.92 1.77 -4.22	31.54 2.14 -0.95	33.36 2.08 -1.14	38.02 2.44 -5.13	32.70 2.30 -0.14	31.42 1.76 -3.00	28.67 1.62 -3.55	23.15 1.39 -0.01
HOLTSVILLE_IC_4 23693	20.34 1.21 0.00	19.32 0.95 0.00	18.65 0.90 0.00	18.58 0.90 0.00	19.07 0.89 0.00	21.77 1.11 0.00	26.20 1.01 0.00	30.53 1.23 0.00	31.34 1.60 0.00	29.42 2.00 -0.01	31.29 1.75 -3.04	31.20 1.76 -3.11	30.47 1.84 -3.38	30.37 1.78 -3.91	29.90 1.70 -4.55	30.46 1.69 -5.34	30.92 1.77 -4.22	31.54 2.14 -0.95	33.36 2.08 -1.14	38.02 2.44 -5.13	32.70 2.30 -0.14	31.42 1.76 -3.00	28.67 1.62 -3.55	23.15 1.39 -0.01
HOLTSVILLE_IC_5 23694	20.34 1.21 0.00	19.32 0.95 0.00	18.65 0.90 0.00	18.58 0.90 0.00	19.07 0.89 0.00	21.77 1.11 0.00	26.20 1.01 0.00	30.53 1.23 0.00	31.34 1.60 0.00	29.42 2.00 -0.01	31.29 1.75 -3.04	31.20 1.76 -3.11	30.47 1.84 -3.38	30.37 1.78 -3.91	29.90 1.70 -4.55	30.46 1.69 -5.34	30.92 1.77 -4.22	31.54 2.14 -0.95	33.36 2.08 -1.14	38.02 2.44 -5.13	32.70 2.30 -0.14	31.42 1.76 -3.00	28.67 1.62 -3.55	23.15 1.39 -0.01
HOLTSVILLE_IC_6 23695	20.43 1.30 0.00	19.43 1.06 0.00	18.74 0.99 0.00	18.67 0.99 0.00	19.16 0.98 0.00	21.87 1.22 0.00	26.33 1.13 0.00	30.68 1.38 0.00	31.52 1.78 0.00	29.59 2.16 -0.01	31.47 1.93 -3.04	31.36 1.92 -3.11	30.62 1.99 -3.38	30.54 1.95 -3.91	30.06 1.87 -4.55	30.60 1.83 -5.34	31.09 1.95 -4.22	31.74 2.33 -0.95	33.59 2.32 -1.13	38.06 2.68 -4.92	32.97 2.57 -0.14	31.64 1.97 -3.00	28.84 1.79 -3.55	23.28 1.52 -0.01
HOLTSVILLE_IC_7 23696	20.43 1.30 0.00	19.43 1.06 0.00	18.74 0.99 0.00	18.67 0.99 0.00	19.16 0.98 0.00	21.87 1.22 0.00	26.33 1.13 0.00	30.68 1.38 0.00	31.52 1.78 0.00	29.59 2.16 -0.01	31.47 1.93 -3.04	31.36 1.92 -3.11	30.62 1.99 -3.38	30.54 1.95 -3.91	30.06 1.87 -4.55	30.60 1.83 -5.34	31.09 1.95 -4.22	31.74 2.33 -0.95	33.59 2.32 -1.13	38.06 2.68 -4.92	32.97 2.57 -0.14	31.64 1.97 -3.00	28.84 1.79 -3.55	23.28 1.52 -0.01
HOLTSVILLE_IC_8 23697	20.43 1.30 0.00	19.43 1.06 0.00	18.74 0.99 0.00	18.67 0.99 0.00	19.16 0.98 0.00	21.87 1.22 0.00	26.33 1.13 0.00	30.68 1.38 0.00	31.52 1.78 0.00	29.59 2.16 -0.01	31.47 1.93 -3.04	31.36 1.92 -3.11	30.62 1.99 -3.38	30.54 1.95 -3.91	30.06 1.87 -4.55	30.60 1.83 -5.34	31.09 1.95 -4.22	31.74 2.33 -0.95	33.59 2.32 -1.13	38.06 2.68 -4.92	32.97 2.57 -0.14	31.64 1.97 -3.00	28.84 1.79 -3.55	23.28 1.52 -0.01
HOLTSVILLE_IC_9 23698	20.43 1.30 0.00	19.43 1.06 0.00	18.74 0.99 0.00	18.67 0.99 0.00	19.16 0.98 0.00	21.87 1.22 0.00	26.33 1.13 0.00	30.68 1.38 0.00	31.52 1.78 0.00	29.59 2.16 -0.01	31.47 1.93 -3.04	31.36 1.92 -3.11	30.62 1.99 -3.38	30.54 1.95 -3.91	30.06 1.87 -4.55	30.60 1.83 -5.34	31.09 1.95 -4.22	31.74 2.33 -0.95	33.59 2.32 -1.13	38.06 2.68 -4.92	32.97 2.57 -0.14	31.64 1.97 -3.00	28.84 1.79 -3.55	23.28 1.52 -0.01
HOMER_HL_115KV_TB2 355744	19.76 0.63 0.00	19.18 0.81 0.00	18.47 0.73 0.00	18.40 0.72 0.00	18.98 0.80 0.00	21.75 1.09 0.00	26.78 1.59 0.00	30.50 1.20 0.00	31.13 1.40 0.00	28.56 1.15 0.00	27.43 0.93 0.00	27.31 0.97 0.00	26.06 0.81 0.00	25.37 0.69 0.00	24.11 0.47 0.00	23.78 0.35 0.00	25.05 0.12 0.00	28.43 -0.03 0.00	30.53 0.39 0.00	31.74 1.28 0.00	30.93 0.67 0.00	27.76 1.09 0.00	24.28 0.78 0.00	22.84 1.09 0.00
HOWARD_WT_PWR 323690	20.01 0.88 0.00	19.32 0.95 0.00	18.63 0.89 0.00	18.54 0.87 0.00	19.11 0.93 0.00	21.89 1.24 0.00	26.88 1.69 0.00	30.88 1.58 0.00	31.64 1.90 0.00	28.97 1.56 0.00	27.82 1.32 0.00	27.60 1.26 0.00	26.39 1.14 0.00	25.72 1.04 0.00	24.56 0.92 0.00	24.32 0.89 0.00	25.82 0.90 0.00	29.39 0.94 0.00	31.50 1.36 0.00	32.44 1.98 0.00	32.23 1.97 0.00	28.03 1.36 0.00	24.73 1.22 0.00	23.01 1.26 0.00
HQ_GEN_CEDARS 23644	19.04 -0.10 0.00	18.28 -0.09 0.00	17.65 -0.09 0.00	17.61 -0.07 0.00	18.13 -0.05 0.00	20.65 0.00 0.00	25.07 -0.13 0.00	29.45 0.15 0.00	29.74 0.00 0.00	27.41 0.00 0.00	26.50 0.00 0.00	26.31 -0.03 0.00	25.18 -0.08 0.00	24.61 -0.07 0.00	23.55 -0.09 0.00	23.36 -0.07 0.00	24.90 -0.02 0.00	28.49 0.03 0.00	30.02 -0.12 0.00	30.06 -0.40 0.00	30.20 -0.06 0.00	26.64 -0.03 0.00	23.44 -0.07 0.00	21.66 -0.09 0.00

HQ_GEN_CEDARS_PROXY 323590	19.04 -0.10 0.00	18.28 -0.09 0.00	17.65 -0.09 0.00	17.61 -0.07 0.00	18.13 -0.05 0.00	20.65 0.00 0.00	25.07 -0.13 0.00	29.86 0.03 -0.53	29.21 0.00 0.53	27.44 0.03 0.00	26.50 0.00 0.00	26.31 -0.03 0.00	25.18 -0.08 0.00	24.58 -0.10 0.00	23.55 -0.09 0.00	23.36 -0.07 0.00	24.90 -0.02 0.00	28.49 0.03 0.00	30.03 -0.06 0.05	30.15 -0.36 -0.05	29.84 -0.42 0.00	26.64 -0.03 0.00	23.44 -0.07 0.00	21.66 -0.09 0.00
HQ_GEN_IMPORT 323601	19.08 -0.06 0.00	18.31 -0.05 0.00	17.69 -0.05 0.00	17.64 -0.04 0.00	18.15 -0.04 0.00	20.63 -0.02 0.00	25.12 -0.08 0.00	29.74 -0.09 -0.53	29.18 -0.03 0.53	27.41 0.00 0.00	26.47 -0.03 0.00	26.31 -0.03 0.00	25.20 -0.05 0.00	24.63 -0.05 0.00	23.59 -0.05 0.00	23.39 -0.05 0.00	24.90 -0.02 0.00	28.46 0.00 0.00	30.03 -0.06 0.05	30.07 -0.33 0.05	30.03 -0.33 -0.10	26.64 -0.03 0.00	23.46 -0.05 0.00	21.70 -0.04 0.00
HQ_GEN_WHEEL 23651	19.08 -0.06 0.00	18.31 -0.05 0.00	17.69 -0.05 0.00	17.64 -0.04 0.00	18.15 -0.04 0.00	20.63 -0.02 0.00	25.12 -0.08 0.00	29.74 -0.09 -0.53	29.18 -0.03 0.53	27.41 0.00 0.00	26.47 -0.03 0.00	26.31 -0.03 0.00	25.20 -0.05 0.00	24.63 -0.05 0.00	23.59 -0.05 0.00	23.39 -0.05 0.00	24.90 -0.02 0.00	28.46 0.00 0.00	30.03 -0.06 0.05	30.07 -0.33 0.05	30.03 -0.33 -0.10	26.64 -0.03 0.00	23.46 -0.05 0.00	21.70 -0.04 0.00
HUDSON_AVE_GT_3 23810	19.92 0.78 0.00	19.09 0.72 0.00	18.43 0.69 0.00	18.33 0.65 0.00	18.80 0.62 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.30 1.00 0.00	31.04 1.31 0.00	28.81 1.40 0.00	27.80 1.30 0.00	27.73 1.40 0.00	26.77 1.52 0.00	26.16 1.48 0.00	25.11 1.47 0.00	24.81 1.38 0.00	26.34 1.42 0.00	30.16 1.71 0.00	31.95 1.81 0.00	32.35 1.89 0.00	31.71 1.45 0.00	27.68 1.01 0.00	24.56 1.06 0.00	22.51 0.76 0.00
HUDSON_AVE_GT_4 23540	19.92 0.78 0.00	19.09 0.72 0.00	18.43 0.69 0.00	18.33 0.65 0.00	18.80 0.62 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.30 1.00 0.00	31.04 1.31 0.00	28.81 1.40 0.00	27.80 1.30 0.00	27.73 1.40 0.00	26.77 1.52 0.00	26.16 1.48 0.00	25.11 1.47 0.00	24.81 1.38 0.00	26.34 1.42 0.00	30.16 1.71 0.00	31.95 1.81 0.00	32.35 1.89 0.00	31.71 1.45 0.00	27.68 1.01 0.00	24.56 1.06 0.00	22.51 0.76 0.00
HUDSON_AVE_GT_5 23657	19.92 0.78 0.00	19.09 0.72 0.00	18.43 0.69 0.00	18.33 0.65 0.00	18.80 0.62 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.30 1.00 0.00	31.04 1.31 0.00	28.81 1.40 0.00	27.80 1.30 0.00	27.73 1.40 0.00	26.77 1.52 0.00	26.16 1.48 0.00	25.11 1.47 0.00	24.81 1.38 0.00	26.34 1.42 0.00	30.16 1.71 0.00	31.95 1.81 0.00	32.35 1.89 0.00	31.71 1.45 0.00	27.68 1.01 0.00	24.56 1.06 0.00	22.51 0.76 0.00
HUDSON_AVE_10 24168	19.88 0.75 0.00	19.05 0.68 0.00	18.38 0.64 0.00	18.30 0.62 0.00	18.75 0.56 0.00	21.15 0.50 0.00	25.90 0.71 0.00	30.27 0.97 0.00	31.01 1.28 0.00	28.78 1.37 0.00	27.77 1.27 0.00	27.70 1.37 0.00	26.72 1.46 0.00	26.11 1.43 0.00	25.08 1.44 0.00	24.79 1.36 0.00	26.32 1.40 0.00	30.14 1.68 0.00	31.92 1.78 0.00	32.32 1.86 0.00	31.65 1.39 0.00	27.63 0.96 0.00	24.52 1.01 0.00	22.44 0.70 0.00
HUDSON___115KV_TB 4 355613	19.94 0.80 0.00	19.12 0.75 0.00	18.47 0.73 0.00	18.42 0.74 0.00	18.96 0.78 0.00	21.54 0.89 0.00	26.25 1.06 0.00	30.45 1.14 0.00	30.90 1.16 0.00	28.31 0.90 0.00	27.37 0.87 0.00	27.12 0.79 0.00	26.06 0.81 0.00	25.45 0.77 0.00	24.40 0.76 0.00	24.18 0.75 0.00	25.77 0.85 0.00	29.45 1.00 0.00	31.32 1.18 0.00	31.83 1.37 0.00	31.44 1.18 0.00	27.66 0.99 0.00	24.38 0.87 0.00	22.53 0.78 0.00
HUNTER MOUNT___DRP 323613	20.03 0.90 0.00	19.21 0.84 0.00	18.54 0.80 0.00	18.49 0.81 0.00	19.07 0.89 0.00	21.69 1.03 0.00	26.40 1.21 0.00	30.59 1.29 0.00	31.04 1.31 0.00	28.37 0.96 0.00	27.43 0.93 0.00	27.12 0.79 0.00	26.04 0.78 0.00	25.42 0.74 0.00	24.37 0.73 0.00	24.18 0.75 0.00	25.77 0.85 0.00	29.45 1.00 0.00	31.32 1.18 0.00	31.86 1.40 0.00	31.50 1.24 0.00	27.71 1.04 0.00	24.40 0.89 0.00	22.60 0.85 0.00
HUNTINGTON_RES_REC 323705	20.18 1.05 0.00	19.20 0.83 0.00	18.50 0.76 0.00	18.44 0.76 0.00	18.96 0.78 0.00	21.62 0.97 0.00	26.13 0.93 0.00	30.27 0.97 0.00	31.13 1.40 0.00	29.29 1.86 -0.01	31.21 1.67 -3.04	31.13 1.69 -3.11	30.45 1.82 -3.38	30.42 1.83 -3.91	29.94 1.75 -4.55	30.48 1.71 -5.34	30.89 1.74 -4.22	31.47 2.05 -0.96	33.70 2.32 -1.24	42.36 2.65 -9.25	33.02 2.51 -0.25	31.26 1.60 -3.00	28.58 1.53 -3.55	23.06 1.30 -0.01
HUNTLEY___63 23557	19.06 -0.08 0.00	18.42 0.06 0.00	17.81 0.07 0.00	17.75 0.07 0.00	18.31 0.13 0.00	20.92 0.27 0.00	25.45 0.25 0.00	29.13 -0.18 0.00	29.74 0.00 0.00	27.24 -0.16 0.00	26.26 -0.24 0.00	26.17 -0.16 0.00	25.05 -0.20 0.00	24.41 -0.27 0.00	23.14 -0.50 0.00	22.87 -0.56 0.00	24.00 -0.92 0.00	27.12 -1.34 0.00	29.15 -0.99 0.00	30.21 -0.24 0.00	29.75 -0.51 0.00	26.54 -0.13 0.00	23.22 -0.28 0.00	21.70 -0.04 0.00
HUNTLEY___64 23558	19.06 -0.08 0.00	18.42 0.06 0.00	17.81 0.07 0.00	17.75 0.07 0.00	18.31 0.13 0.00	20.92 0.27 0.00	25.45 0.25 0.00	29.13 -0.18 0.00	29.74 0.00 0.00	27.24 -0.16 0.00	26.26 -0.24 0.00	26.17 -0.16 0.00	25.05 -0.20 0.00	24.41 -0.27 0.00	23.14 -0.50 0.00	22.87 -0.56 0.00	24.00 -0.92 0.00	27.12 -1.34 0.00	29.15 -0.99 0.00	30.21 -0.24 0.00	29.75 -0.51 0.00	26.54 -0.13 0.00	23.22 -0.28 0.00	21.70 -0.04 0.00
HUNTLEY___65 23559	19.06 -0.08 0.00	18.42 0.06 0.00	17.81 0.07 0.00	17.75 0.07 0.00	18.31 0.13 0.00	20.92 0.27 0.00	25.45 0.25 0.00	29.13 -0.18 0.00	29.74 0.00 0.00	27.24 -0.16 0.00	26.26 -0.24 0.00	26.17 -0.16 0.00	25.05 -0.20 0.00	24.41 -0.27 0.00	23.14 -0.50 0.00	22.87 -0.56 0.00	24.00 -0.92 0.00	27.12 -1.34 0.00	29.15 -0.99 0.00	30.21 -0.24 0.00	29.75 -0.51 0.00	26.54 -0.13 0.00	23.22 -0.28 0.00	21.70 -0.04 0.00
HUNTLEY___66 23560	19.06 -0.08 0.00	18.42 0.06 0.00	17.81 0.07 0.00	17.75 0.07 0.00	18.31 0.13 0.00	20.92 0.27 0.00	25.45 0.25 0.00	29.13 -0.18 0.00	29.74 0.00 0.00	27.24 -0.16 0.00	26.26 -0.24 0.00	26.17 -0.16 0.00	25.05 -0.20 0.00	24.41 -0.27 0.00	23.14 -0.50 0.00	22.87 -0.56 0.00	24.00 -0.92 0.00	27.12 -1.34 0.00	29.15 -0.99 0.00	30.21 -0.24 0.00	29.75 -0.51 0.00	26.54 -0.13 0.00	23.22 -0.28 0.00	21.70 -0.04 0.00
HUNTLEY___67 23561	19.02 -0.11 0.00	18.39 0.02 0.00	17.78 0.04 0.00	17.71 0.04 0.00	18.27 0.09 0.00	20.88 0.23 0.00	25.39 0.20 0.00	29.07 -0.23 0.00	29.65 -0.09 0.00	27.16 -0.25 0.00	26.18 -0.32 0.00	26.10 -0.24 0.00	24.98 -0.28 0.00	24.34 -0.35 0.00	23.10 -0.54 0.00	22.82 -0.61 0.00	23.98 -0.95 0.00	27.09 -1.37 0.00	29.12 -1.02 0.00	30.15 -0.30 0.00	29.65 -0.61 0.00	26.48 -0.19 0.00	23.18 -0.33 0.00	21.68 -0.07 0.00

HUNTLEY___68 23562	19.02 -0.11 0.00	18.39 0.02 0.00	17.78 0.04 0.00	17.71 0.04 0.00	18.27 0.09 0.00	20.88 0.23 0.00	25.39 0.20 0.00	29.07 -0.23 0.00	29.65 -0.09 0.00	27.16 -0.25 0.00	26.18 -0.32 0.00	26.10 -0.24 0.00	24.98 -0.28 0.00	24.34 -0.35 0.00	23.10 -0.54 0.00	22.82 -0.61 0.00	23.98 -0.95 0.00	27.09 -1.37 0.00	29.12 -1.02 0.00	30.15 -0.30 0.00	29.65 -0.61 0.00	26.48 -0.19 0.00	23.18 -0.33 0.00	21.68 -0.07 0.00
HYLAND___LFGE 323620	20.09 0.96 0.00	19.25 0.88 0.00	18.54 0.80 0.00	18.47 0.80 0.00	19.09 0.91 0.00	21.89 1.24 0.00	26.78 1.59 0.00	30.88 1.58 0.00	30.98 1.25 0.00	27.96 0.55 0.00	26.74 0.24 0.00	26.54 0.21 0.00	25.33 0.08 0.00	24.63 -0.05 0.00	23.57 -0.07 0.00	23.48 0.05 0.00	25.00 0.07 0.00	28.60 0.14 0.00	31.05 0.90 0.00	32.13 1.67 0.00	32.17 1.91 0.00	28.08 1.41 0.00	24.73 1.22 0.00	22.94 1.20 0.00
INDECK___CORINTH 23802	19.63 0.50 0.00	18.79 0.42 0.00	18.17 0.43 0.00	18.12 0.44 0.00	18.67 0.49 0.00	21.23 0.58 0.00	26.00 0.81 0.00	30.27 0.97 0.00	30.69 0.95 0.00	28.18 0.77 0.00	27.27 0.77 0.00	27.07 0.74 0.00	25.99 0.73 0.00	25.35 0.67 0.00	24.25 0.61 0.00	24.04 0.61 0.00	25.57 0.65 0.00	29.17 0.71 0.00	31.02 0.87 0.00	31.52 1.07 0.00	31.35 1.09 0.00	27.39 0.72 0.00	24.07 0.56 0.00	22.21 0.46 0.00
INDECK___ILION 23567	19.40 0.27 0.00	18.63 0.26 0.00	17.97 0.23 0.00	17.91 0.23 0.00	18.42 0.24 0.00	20.90 0.25 0.00	25.52 0.33 0.00	29.65 0.35 0.00	30.12 0.39 0.00	27.77 0.36 0.00	26.84 0.34 0.00	26.70 0.37 0.00	25.61 0.35 0.00	25.03 0.35 0.00	23.97 0.33 0.00	23.78 0.35 0.00	25.32 0.40 0.00	28.88 0.43 0.00	30.59 0.45 0.00	30.98 0.52 0.00	30.65 0.39 0.00	26.99 0.32 0.00	23.79 0.28 0.00	21.97 0.22 0.00
INDECK___OLEAN 23982	19.76 0.63 0.00	19.18 0.81 0.00	18.49 0.75 0.00	18.40 0.73 0.00	18.98 0.80 0.00	21.75 1.09 0.00	26.68 1.49 0.00	30.53 1.23 0.00	30.96 1.22 0.00	28.37 0.96 0.00	27.24 0.74 0.00	27.12 0.79 0.00	25.81 0.55 0.00	25.15 0.47 0.00	23.97 0.33 0.00	23.69 0.26 0.00	24.85 -0.07 0.00	28.20 -0.26 0.00	30.23 0.09 0.00	31.37 0.91 0.00	31.32 1.06 0.00	27.31 0.64 0.00	24.28 0.77 0.00	22.84 1.09 0.00
INDECK___OSWEGO 23783	18.63 -0.50 0.00	17.89 -0.48 0.00	17.28 -0.46 0.00	17.22 -0.46 0.00	17.73 -0.45 0.00	20.14 -0.52 0.00	24.59 -0.60 0.00	28.63 -0.67 0.00	28.84 -0.89 0.00	26.56 -0.85 0.00	25.65 -0.85 0.00	25.49 -0.84 0.00	24.40 -0.86 0.00	23.79 -0.89 0.00	22.79 -0.85 0.00	22.61 -0.82 0.00	24.05 -0.87 0.00	27.49 -0.97 0.00	29.21 -0.93 0.00	29.64 -0.82 0.00	29.47 -0.79 0.00	25.89 -0.77 0.00	22.82 -0.68 0.00	21.23 -0.52 0.00
INDECK___YERKES 23781	19.08 -0.06 0.00	18.44 0.07 0.00	17.83 0.09 0.00	17.77 0.09 0.00	18.33 0.14 0.00	20.96 0.31 0.00	25.39 0.20 0.00	29.19 -0.12 0.00	29.59 -0.15 0.00	27.11 -0.30 0.00	26.15 -0.35 0.00	26.10 -0.24 0.00	24.77 -0.48 0.00	24.14 -0.54 0.00	23.07 -0.57 0.00	22.82 -0.61 0.00	23.85 -1.07 0.00	26.98 -1.48 0.00	28.97 -1.18 0.00	29.76 -0.70 0.00	29.96 -0.30 0.00	26.22 -0.45 0.00	23.25 -0.26 0.00	21.73 -0.02 0.00
INDIAN POINT___GT_1 24139	19.80 0.67 0.00	18.99 0.62 0.00	18.33 0.59 0.00	18.24 0.57 0.00	18.71 0.53 0.00	21.15 0.50 0.00	25.90 0.71 0.00	30.15 0.85 0.00	30.81 1.07 0.00	28.53 1.12 0.00	27.56 1.06 0.00	27.47 1.13 0.00	26.44 1.19 0.00	25.87 1.18 0.00	24.82 1.18 0.00	24.56 1.12 0.00	26.07 1.15 0.00	29.79 1.34 0.00	31.59 1.45 0.00	32.07 1.61 0.00	31.47 1.21 0.00	27.58 0.91 0.00	24.40 0.89 0.00	22.42 0.67 0.00
INDIAN POINT___GT_2 23659	19.80 0.67 0.00	18.99 0.62 0.00	18.33 0.59 0.00	18.24 0.57 0.00	18.71 0.53 0.00	21.15 0.50 0.00	25.90 0.71 0.00	30.15 0.85 0.00	30.81 1.07 0.00	28.53 1.12 0.00	27.56 1.06 0.00	27.47 1.13 0.00	26.44 1.19 0.00	25.87 1.18 0.00	24.82 1.18 0.00	24.56 1.12 0.00	26.07 1.15 0.00	29.79 1.34 0.00	31.59 1.45 0.00	32.07 1.61 0.00	31.47 1.21 0.00	27.58 0.91 0.00	24.40 0.89 0.00	22.42 0.67 0.00
INDIAN POINT___GT_3 24019	19.80 0.67 0.00	18.99 0.62 0.00	18.33 0.59 0.00	18.24 0.57 0.00	18.71 0.53 0.00	21.15 0.50 0.00	25.90 0.71 0.00	30.15 0.85 0.00	30.81 1.07 0.00	28.53 1.12 0.00	27.56 1.06 0.00	27.47 1.13 0.00	26.44 1.19 0.00	25.87 1.18 0.00	24.82 1.18 0.00	24.56 1.12 0.00	26.07 1.15 0.00	29.79 1.34 0.00	31.59 1.45 0.00	32.07 1.61 0.00	31.47 1.21 0.00	27.58 0.91 0.00	24.40 0.89 0.00	22.42 0.67 0.00
INDIAN POINT___2 23530	19.78 0.65 0.00	18.97 0.61 0.00	18.31 0.57 0.00	18.23 0.55 0.00	18.69 0.51 0.00	21.13 0.48 0.00	25.90 0.70 0.00	30.30 1.00 0.00	30.81 1.07 0.00	28.53 1.12 0.00	27.56 1.06 0.00	27.44 1.11 0.00	26.47 1.21 0.00	25.92 1.23 0.00	24.82 1.18 0.00	24.56 1.12 0.00	26.05 1.12 0.00	29.79 1.34 0.00	31.50 1.36 0.00	32.10 1.64 0.00	31.80 1.54 0.00	27.60 0.93 0.00	24.40 0.89 0.00	22.40 0.65 0.00
INDIAN POINT___3 23531	19.78 0.65 0.00	18.98 0.61 0.00	18.31 0.57 0.00	18.23 0.55 0.00	18.69 0.51 0.00	21.15 0.50 0.00	25.90 0.71 0.00	30.15 0.85 0.00	30.78 1.04 0.00	28.51 1.10 0.00	27.53 1.03 0.00	27.44 1.11 0.00	26.42 1.16 0.00	25.84 1.16 0.00	24.80 1.16 0.00	24.53 1.10 0.00	26.05 1.12 0.00	29.77 1.31 0.00	31.56 1.42 0.00	32.04 1.58 0.00	31.44 1.18 0.00	27.55 0.88 0.00	24.38 0.87 0.00	22.40 0.65 0.00
INGHAM_C_115KV_TB7 356103	19.57 0.44 0.00	18.77 0.40 0.00	18.11 0.37 0.00	18.05 0.37 0.00	18.55 0.36 0.00	21.05 0.39 0.00	25.67 0.48 0.00	29.80 0.50 0.00	30.27 0.54 0.00	27.90 0.49 0.00	27.00 0.50 0.00	26.89 0.55 0.00	25.79 0.53 0.00	25.20 0.52 0.00	24.11 0.47 0.00	23.92 0.49 0.00	25.47 0.55 0.00	29.05 0.60 0.00	30.78 0.63 0.00	31.13 0.67 0.00	30.77 0.51 0.00	27.10 0.43 0.00	23.86 0.35 0.00	22.01 0.26 0.00
IP CORINTH___1 23988	19.63 0.50 0.00	18.79 0.42 0.00	18.17 0.43 0.00	18.12 0.44 0.00	18.67 0.49 0.00	21.23 0.58 0.00	25.97 0.78 0.00	30.18 0.88 0.00	30.69 0.95 0.00	28.15 0.74 0.00	27.24 0.74 0.00	27.04 0.71 0.00	25.96 0.71 0.00	25.30 0.62 0.00	24.26 0.61 0.00	24.02 0.59 0.00	25.55 0.62 0.00	29.14 0.68 0.00	31.02 0.87 0.00	31.46 1.01 0.00	31.14 0.88 0.00	27.36 0.69 0.00	24.07 0.56 0.00	22.20 0.46 0.00
IP___TICONDEROGA 23804	20.18 1.05 0.00	19.29 0.92 0.00	18.68 0.94 0.00	18.65 0.97 0.00	19.27 1.09 0.00	21.93 1.28 0.00	26.93 1.74 0.00	31.32 2.02 0.00	31.85 2.11 0.00	29.19 1.78 0.00	28.22 1.72 0.00	27.99 1.66 0.00	26.85 1.59 0.00	26.09 1.41 0.00	24.94 1.30 0.00	24.77 1.34 0.00	26.32 1.40 0.00	30.02 1.57 0.00	32.01 1.87 0.00	32.47 2.01 0.00	32.23 1.97 0.00	28.27 1.60 0.00	24.77 1.27 0.00	22.81 1.07 0.00

ISLIP_RES_REC 323679	20.51 1.38 0.00	19.49 1.12 0.00	18.79 1.05 0.00	18.72 1.04 0.00	19.24 1.05 0.00	21.98 1.32 0.00	26.43 1.23 0.00	30.83 1.52 0.00	31.70 1.96 0.00	29.75 2.33 -0.01	31.63 2.09 -3.04	31.52 2.08 -3.11	30.78 2.15 -3.38	30.69 2.10 -3.91	30.20 2.01 -4.55	30.76 1.99 -5.34	31.24 2.09 -4.22	31.91 2.50 -0.95	33.76 2.50 -1.12	37.70 2.86 -4.38	33.14 2.75 -0.12	31.80 2.13 -3.00	28.98 1.93 -3.55	23.41 1.65 -0.01
JAMAICA__27_KV_LOAD 355505	19.95 0.82 0.00	19.10 0.73 0.00	18.43 0.69 0.00	18.35 0.67 0.00	18.80 0.62 0.00	21.23 0.58 0.00	26.05 0.86 0.00	30.47 1.17 0.00	31.28 1.55 0.00	29.03 1.62 0.00	27.98 1.48 0.00	27.91 1.58 0.00	26.95 1.69 0.00	26.34 1.65 0.00	25.27 1.63 0.00	25.00 1.57 0.00	26.54 1.62 0.00	30.42 1.96 0.00	32.22 2.08 0.00	32.59 2.13 0.00	31.95 1.69 0.00	27.84 1.17 0.00	24.68 1.18 0.00	22.57 0.83 0.00
JANIS__SOLAR 323808	20.07 0.94 0.00	19.29 0.92 0.00	18.59 0.85 0.00	18.53 0.85 0.00	19.09 0.91 0.00	21.83 1.18 0.00	26.78 1.59 0.00	31.27 1.96 0.00	31.10 1.37 0.00	28.48 1.07 0.00	27.27 0.77 0.00	27.02 0.68 0.00	25.73 0.48 0.00	25.08 0.39 0.00	24.02 0.38 0.00	23.88 0.44 0.00	25.55 0.62 0.00	29.25 0.80 0.00	31.38 1.24 0.00	31.92 1.46 0.00	31.80 1.54 0.00	27.90 1.23 0.00	24.49 0.99 0.00	22.70 0.96 0.00
JARVIS____ 23743	19.21 0.08 0.00	18.44 0.07 0.00	17.81 0.07 0.00	17.75 0.07 0.00	18.25 0.07 0.00	20.72 0.06 0.00	25.29 0.10 0.00	29.42 0.12 0.00	29.86 0.12 0.00	27.52 0.11 0.00	26.60 0.11 0.00	26.44 0.11 0.00	25.38 0.13 0.00	24.81 0.12 0.00	23.76 0.12 0.00	23.55 0.12 0.00	25.07 0.15 0.00	28.60 0.14 0.00	30.29 0.15 0.00	30.70 0.24 0.00	30.47 0.21 0.00	26.78 0.11 0.00	23.60 0.09 0.00	21.84 0.09 0.00
JENNISON____1 23625	20.24 1.11 0.00	19.43 1.07 0.00	18.74 0.99 0.00	18.67 0.99 0.00	19.24 1.05 0.00	22.00 1.34 0.00	27.06 1.86 0.00	31.53 2.23 0.00	32.29 2.56 0.00	29.68 2.27 0.00	28.54 2.04 0.00	28.31 1.97 0.00	27.02 1.77 0.00	26.38 1.70 0.00	25.22 1.58 0.00	24.96 1.52 0.00	26.59 1.67 0.00	30.31 1.85 0.00	32.37 2.23 0.00	33.08 2.62 0.00	32.50 2.24 0.00	28.78 2.11 0.00	25.22 1.72 0.00	23.36 1.61 0.00
JENNISON____2 23626	20.24 1.11 0.00	19.43 1.07 0.00	18.74 0.99 0.00	18.67 0.99 0.00	19.24 1.05 0.00	22.00 1.34 0.00	27.06 1.86 0.00	31.53 2.23 0.00	32.29 2.56 0.00	29.68 2.27 0.00	28.54 2.04 0.00	28.31 1.97 0.00	27.02 1.77 0.00	26.38 1.70 0.00	25.22 1.58 0.00	24.96 1.52 0.00	26.59 1.67 0.00	30.31 1.85 0.00	32.37 2.23 0.00	33.08 2.62 0.00	32.50 2.24 0.00	28.78 2.11 0.00	25.22 1.72 0.00	23.36 1.61 0.00
JERICHO_RISE_WT_PWR 323719	19.27 0.13 0.00	18.50 0.13 0.00	17.94 0.20 0.00	17.93 0.25 0.00	18.51 0.33 0.00	21.17 0.52 0.00	25.47 0.28 0.00	29.89 0.59 0.00	30.27 0.54 0.00	28.18 0.77 0.00	27.19 0.69 0.00	26.94 0.61 0.00	25.73 0.48 0.00	25.08 0.39 0.00	23.97 0.33 0.00	23.78 0.35 0.00	25.37 0.45 0.00	29.17 0.71 0.00	30.90 0.75 0.00	30.92 0.46 0.00	30.56 0.30 0.00	27.23 0.56 0.00	23.90 0.40 0.00	22.05 0.30 0.00
KATONAH__115KV_46KV_TB4 355592	19.92 0.78 0.00	19.10 0.73 0.00	18.45 0.71 0.00	18.37 0.69 0.00	18.82 0.64 0.00	21.25 0.60 0.00	26.00 0.81 0.00	30.30 1.00 0.00	30.96 1.22 0.00	28.67 1.26 0.00	27.74 1.25 0.00	27.62 1.29 0.00	26.62 1.36 0.00	26.04 1.36 0.00	24.94 1.30 0.00	24.72 1.29 0.00	26.20 1.27 0.00	29.94 1.48 0.00	31.74 1.60 0.00	32.16 1.71 0.00	31.62 1.36 0.00	27.71 1.04 0.00	24.49 0.99 0.00	22.49 0.74 0.00
KCE_NY_1 323755	19.78 0.65 0.00	18.96 0.59 0.00	18.33 0.58 0.00	18.26 0.58 0.00	18.80 0.62 0.00	21.36 0.70 0.00	26.13 0.93 0.00	30.39 1.08 0.00	30.78 1.04 0.00	28.26 0.85 0.00	27.37 0.87 0.00	27.18 0.84 0.00	26.09 0.83 0.00	25.47 0.79 0.00	24.40 0.76 0.00	24.18 0.75 0.00	25.72 0.80 0.00	29.34 0.88 0.00	31.14 0.99 0.00	31.68 1.22 0.00	31.47 1.21 0.00	27.52 0.85 0.00	24.24 0.73 0.00	22.38 0.63 0.00
KCE_NY_6_ESR 323823	19.32 0.19 0.00	18.70 0.33 0.00	18.06 0.32 0.00	18.01 0.34 0.00	18.58 0.40 0.00	21.25 0.60 0.00	25.82 0.63 0.00	29.63 0.32 0.00	30.06 0.33 0.00	27.55 0.14 0.00	26.55 0.05 0.00	26.49 0.16 0.00	25.15 -0.10 0.00	24.51 -0.17 0.00	23.43 -0.21 0.00	23.17 -0.26 0.00	24.23 -0.70 0.00	27.43 -1.02 0.00	29.42 -0.72 0.00	30.28 -0.18 0.00	30.41 0.15 0.00	26.59 -0.08 0.00	23.58 0.07 0.00	22.07 0.33 0.00
KEDC_PORT_JEFF_GT2 24210	20.41 1.28 0.00	19.40 1.03 0.00	18.70 0.96 0.00	18.63 0.95 0.00	19.14 0.96 0.00	21.85 1.20 0.00	26.30 1.11 0.00	30.65 1.35 0.00	31.49 1.75 0.00	29.56 2.14 -0.01	31.45 1.91 -3.04	31.34 1.90 -3.11	30.62 1.99 -3.38	30.54 1.95 -3.91	30.04 1.85 -4.55	30.60 1.83 -5.34	31.07 1.92 -4.22	31.71 2.30 -0.95	33.61 2.32 -1.14	38.62 2.68 -5.48	32.95 2.54 -0.15	31.59 1.92 -3.00	28.82 1.76 -3.55	23.26 1.50 -0.01
KEDC_PORT_JEFF_GT3 24211	20.41 1.28 0.00	19.40 1.03 0.00	18.70 0.96 0.00	18.63 0.95 0.00	19.14 0.96 0.00	21.85 1.20 0.00	26.30 1.11 0.00	30.65 1.35 0.00	31.49 1.75 0.00	29.56 2.14 -0.01	31.45 1.91 -3.04	31.34 1.90 -3.11	30.62 1.99 -3.38	30.54 1.95 -3.91	30.04 1.85 -4.55	30.60 1.83 -5.34	31.07 1.92 -4.22	31.71 2.30 -0.95	33.61 2.32 -1.14	38.62 2.68 -5.48	32.95 2.54 -0.15	31.59 1.92 -3.00	28.82 1.76 -3.55	23.26 1.50 -0.01
KEDC_GLWD_GT4 24219	20.05 0.92 0.00	19.16 0.79 0.00	18.49 0.75 0.00	18.40 0.73 0.00	18.87 0.69 0.00	21.42 0.76 0.00	26.10 0.91 0.00	30.48 1.17 0.00	31.16 1.43 0.00	29.04 1.62 -0.01	31.05 1.51 -3.04	30.99 1.55 -3.11	30.30 1.67 -3.38	30.27 1.68 -3.91	29.80 1.61 -4.55	30.32 1.55 -5.34	30.72 1.57 -4.22	31.21 1.82 -0.93	33.05 1.90 -1.00	32.63 2.16 -0.01	32.33 2.06 -0.01	31.02 1.36 -3.00	28.29 1.24 -3.54	22.78 1.02 -0.01
KEDC_GLWD_GT5 24220	20.05 0.92 0.00	19.16 0.79 0.00	18.49 0.75 0.00	18.40 0.73 0.00	18.87 0.69 0.00	21.42 0.76 0.00	26.10 0.91 0.00	30.48 1.17 0.00	31.16 1.43 0.00	29.04 1.62 -0.01	31.05 1.51 -3.04	30.99 1.55 -3.11	30.30 1.67 -3.38	30.27 1.68 -3.91	29.80 1.61 -4.55	30.32 1.55 -5.34	30.72 1.57 -4.22	31.21 1.82 -0.93	33.05 1.90 -1.00	32.63 2.16 -0.01	32.33 2.06 -0.01	31.02 1.36 -3.00	28.29 1.24 -3.54	22.78 1.02 -0.01
KENSICO____ 23655	19.86 0.73 0.00	19.05 0.68 0.00	18.38 0.64 0.00	18.30 0.62 0.00	18.75 0.56 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.24 0.94 0.00	30.93 1.19 0.00	28.64 1.23 0.00	27.66 1.17 0.00	27.57 1.24 0.00	26.54 1.29 0.00	25.97 1.28 0.00	24.92 1.28 0.00	24.65 1.22 0.00	26.17 1.25 0.00	29.94 1.48 0.00	31.71 1.57 0.00	32.19 1.74 0.00	31.56 1.30 0.00	27.63 0.96 0.00	24.47 0.96 0.00	22.47 0.72 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.95 0.82 0.00	19.14 0.77 0.00	18.43 0.69 0.00	18.37 0.69 0.00	18.85 0.67 0.00	21.34 0.68 0.00	26.10 0.91 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.67 1.26 0.00	27.74 1.25 0.00	27.54 1.21 0.00	26.52 1.26 0.00	25.92 1.23 0.00	24.85 1.21 0.00	24.63 1.20 0.00	26.17 1.25 0.00	29.99 1.54 0.00	31.83 1.69 0.00	32.35 1.89 0.00	31.77 1.51 0.00	27.84 1.17 0.00	24.59 1.08 0.00	22.57 0.83 0.00
KIAC_JFK_GT1 23816	19.90 0.77 0.00	19.05 0.68 0.00	18.40 0.66 0.00	18.30 0.62 0.00	18.75 0.56 0.00	21.17 0.52 0.00	25.97 0.78 0.00	30.39 1.08 0.00	31.16 1.43 0.00	28.94 1.53 0.00	27.90 1.40 0.00	27.83 1.50 0.00	26.87 1.62 0.00	26.26 1.58 0.00	25.20 1.56 0.00	24.93 1.50 0.00	26.47 1.55 0.00	30.31 1.85 0.00	32.10 1.96 0.00	32.50 2.04 0.00	31.83 1.57 0.00	27.76 1.09 0.00	24.61 1.10 0.00	22.51 0.76 0.00
KIAC_JFK_GT2 23817	19.90 0.77 0.00	19.05 0.68 0.00	18.40 0.66 0.00	18.30 0.62 0.00	18.75 0.56 0.00	21.17 0.52 0.00	25.97 0.78 0.00	30.39 1.08 0.00	31.16 1.43 0.00	28.94 1.53 0.00	27.90 1.40 0.00	27.83 1.50 0.00	26.87 1.62 0.00	26.26 1.58 0.00	25.20 1.56 0.00	24.93 1.50 0.00	26.47 1.55 0.00	30.31 1.85 0.00	32.10 1.96 0.00	32.50 2.04 0.00	31.83 1.57 0.00	27.76 1.09 0.00	24.61 1.10 0.00	22.51 0.76 0.00
KIAC_JFK____ 323774	19.90 0.77 0.00	19.05 0.68 0.00	18.40 0.66 0.00	18.30 0.62 0.00	18.75 0.56 0.00	21.17 0.52 0.00	26.00 0.81 0.00	30.53 1.23 0.00	31.19 1.46 0.00	28.94 1.53 0.00	27.90 1.40 0.00	27.81 1.47 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.22 1.58 0.00	24.95 1.52 0.00	26.47 1.55 0.00	30.31 1.85 0.00	32.01 1.87 0.00	32.56 2.10 0.00	32.23 1.97 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.51 0.76 0.00
KINTIGH____ 23543	18.73 -0.40 0.00	18.08 -0.29 0.00	17.48 -0.27 0.00	17.41 -0.27 0.00	17.96 -0.22 0.00	20.51 -0.14 0.00	24.94 -0.25 0.00	28.66 -0.64 0.00	29.17 -0.56 0.00	26.75 -0.66 0.00	25.81 -0.69 0.00	25.70 -0.63 0.00	24.60 -0.66 0.00	23.99 -0.69 0.00	22.81 -0.83 0.00	22.57 -0.87 0.00	23.75 -1.17 0.00	26.86 -1.59 0.00	28.82 -1.33 0.00	29.76 -0.70 0.00	29.32 -0.94 0.00	26.11 -0.56 0.00	22.87 -0.63 0.00	21.33 -0.41 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	19.59 0.46 0.00	18.79 0.42 0.00	18.20 0.46 0.00	18.21 0.53 0.00	18.82 0.64 0.00	21.54 0.89 0.00	25.80 0.60 0.00	30.86 1.55 0.00	31.01 1.28 0.00	29.05 1.64 0.00	28.01 1.51 0.00	27.75 1.42 0.00	26.47 1.21 0.00	25.79 1.11 0.00	24.56 0.92 0.00	24.42 0.98 0.00	26.07 1.15 0.00	30.05 1.59 0.00	31.89 1.75 0.00	32.04 1.58 0.00	31.89 1.63 0.00	28.08 1.41 0.00	24.59 1.08 0.00	22.66 0.91 0.00
LACHUTE____HYDRO 323717	20.18 1.05 0.00	19.29 0.92 0.00	18.68 0.94 0.00	18.65 0.97 0.00	19.27 1.09 0.00	21.93 1.28 0.00	26.96 1.76 0.00	31.44 2.14 0.00	31.85 2.11 0.00	29.19 1.78 0.00	28.25 1.75 0.00	28.02 1.69 0.00	26.85 1.59 0.00	26.11 1.43 0.00	24.96 1.32 0.00	24.79 1.36 0.00	26.34 1.42 0.00	30.02 1.56 0.00	32.01 1.87 0.00	32.50 2.04 0.00	32.47 2.21 0.00	28.30 1.63 0.00	24.77 1.27 0.00	22.81 1.07 0.00
LAWRNCAY_115KV_TB1 80681	18.67 -0.46 0.00	17.89 -0.48 0.00	17.28 -0.46 0.00	17.25 -0.42 0.00	17.76 -0.42 0.00	20.26 -0.39 0.00	24.61 -0.58 0.00	29.01 -0.29 0.00	29.23 -0.51 0.00	26.97 -0.44 0.00	26.05 -0.45 0.00	25.86 -0.47 0.00	24.72 -0.53 0.00	24.16 -0.52 0.00	23.12 -0.52 0.00	22.94 -0.49 0.00	24.45 -0.47 0.00	28.03 -0.43 0.00	29.54 -0.60 0.00	29.54 -0.91 0.00	29.68 -0.57 0.00	26.19 -0.48 0.00	23.01 -0.49 0.00	21.27 -0.48 0.00
LEDERLE____ 23769	19.86 0.73 0.00	19.07 0.70 0.00	18.38 0.64 0.00	18.30 0.62 0.00	18.76 0.58 0.00	21.23 0.58 0.00	26.02 0.83 0.00	30.33 1.03 0.00	30.96 1.22 0.00	28.67 1.26 0.00	27.72 1.22 0.00	27.57 1.24 0.00	26.57 1.31 0.00	25.99 1.31 0.00	24.94 1.30 0.00	24.65 1.22 0.00	26.17 1.25 0.00	29.91 1.45 0.00	31.71 1.57 0.00	32.22 1.77 0.00	31.59 1.33 0.00	27.71 1.04 0.00	24.52 1.01 0.00	22.51 0.76 0.00
LIGHTHSE_115KV_TB6 355974	18.73 -0.40 0.00	17.98 -0.39 0.00	17.35 -0.39 0.00	17.29 -0.39 0.00	17.82 -0.36 0.00	20.26 -0.39 0.00	24.74 -0.45 0.00	28.86 -0.44 0.00	29.08 -0.65 0.00	26.70 -0.71 0.00	25.78 -0.72 0.00	25.60 -0.74 0.00	24.50 -0.76 0.00	23.92 -0.77 0.00	22.88 -0.76 0.00	22.68 -0.75 0.00	24.15 -0.77 0.00	27.66 -0.80 0.00	29.42 -0.72 0.00	29.91 -0.55 0.00	29.62 -0.64 0.00	26.14 -0.53 0.00	23.04 -0.47 0.00	21.38 -0.37 0.00
LINDEN COGEN____ 23786	19.80 0.67 0.00	18.97 0.61 0.00	18.33 0.58 0.00	18.23 0.55 0.00	18.69 0.51 0.00	21.07 0.41 0.00	25.82 0.63 0.00	30.27 0.97 0.00	30.89 1.16 0.00	28.64 1.23 0.00	27.66 1.16 0.00	27.54 1.21 0.00	26.64 1.39 0.00	26.06 1.38 0.00	24.96 1.32 0.00	24.70 1.26 0.00	26.19 1.27 0.00	29.96 1.51 0.00	31.65 1.51 0.00	32.22 1.77 0.00	31.89 1.63 0.00	27.63 0.96 0.00	24.42 0.92 0.00	22.38 0.63 0.00
LINDHRST_69_KV_BK1 356055	20.38 1.24 0.00	19.40 1.03 0.00	18.70 0.96 0.00	18.61 0.94 0.00	19.11 0.93 0.00	21.81 1.16 0.00	26.48 1.28 0.00	30.77 1.47 0.00	31.64 1.90 0.00	29.56 2.14 -0.01	31.47 1.93 -3.04	31.41 1.97 -3.11	30.63 2.00 -3.38	30.54 1.95 -3.91	30.11 1.91 -4.55	30.65 1.87 -5.34	31.12 1.97 -4.22	31.72 2.33 -0.93	33.57 2.41 -1.01	33.40 2.65 -0.30	32.49 2.21 -0.02	31.53 1.87 -3.00	28.79 1.74 -3.54	23.26 1.50 -0.01
LIPA_MISC_IPP 23656	20.41 1.28 0.00	19.42 1.05 0.00	18.72 0.98 0.00	18.65 0.97 0.00	19.15 0.96 0.00	21.87 1.22 0.00	26.40 1.21 0.00	30.62 1.32 0.00	31.46 1.72 0.00	29.45 2.03 -0.01	31.39 1.85 -3.04	31.20 1.76 -3.11	30.42 1.79 -3.38	30.27 1.68 -3.91	29.83 1.63 -4.55	30.39 1.62 -5.34	30.82 1.67 -4.22	31.60 2.19 -0.95	33.48 2.20 -1.13	38.07 2.50 -5.11	32.46 2.06 -0.14	31.45 1.79 -3.00	28.77 1.72 -3.55	23.22 1.46 -0.01
LISF____SOLAR 323691	20.45 1.32 0.00	19.43 1.06 0.00	18.74 0.99 0.00	18.67 0.99 0.00	19.16 0.98 0.00	21.89 1.24 0.00	26.23 1.03 0.00	30.62 1.32 0.00	31.43 1.69 0.00	29.50 2.08 -0.01	31.34 1.80 -3.04	31.23 1.79 -3.11	30.50 1.87 -3.38	30.37 1.78 -3.91	29.87 1.68 -4.55	30.44 1.66 -5.34	30.92 1.77 -4.22	31.60 2.19 -0.95	33.48 2.20 -1.13	38.12 2.59 -5.07	32.88 2.48 -0.14	31.59 1.92 -3.00	28.82 1.76 -3.55	23.26 1.50 -0.01
LITTLE FALLS____HYD 24013	19.57 0.44 0.00	18.77 0.40 0.00	18.11 0.37 0.00	18.05 0.37 0.00	18.55 0.36 0.00	21.05 0.39 0.00	25.67 0.48 0.00	29.80 0.50 0.00	30.27 0.54 0.00	27.90 0.49 0.00	27.00 0.50 0.00	26.89 0.55 0.00	25.79 0.53 0.00	25.20 0.52 0.00	24.11 0.47 0.00	23.92 0.49 0.00	25.47 0.55 0.00	29.05 0.60 0.00	30.78 0.63 0.00	31.13 0.67 0.00	30.77 0.51 0.00	27.10 0.43 0.00	23.86 0.35 0.00	22.01 0.26 0.00

LITTLRIV_115KV_TB1 356100	18.85 -0.29 0.00	18.06 -0.31 0.00	17.44 -0.30 0.00	17.39 -0.28 0.00	17.95 -0.24 0.00	20.49 -0.17 0.00	24.94 -0.25 0.00	29.51 0.21 0.00	29.71 -0.03 0.00	27.41 0.00 0.00	26.44 -0.05 0.00	26.23 -0.11 0.00	25.08 -0.18 0.00	24.51 -0.17 0.00	23.43 -0.21 0.00	23.22 -0.21 0.00	24.77 -0.15 0.00	28.37 -0.09 0.00	29.90 -0.24 0.00	29.94 -0.52 0.00	30.08 -0.18 0.00	26.56 -0.11 0.00	23.32 -0.19 0.00	21.51 -0.24 0.00
LI_NEWBRDGE___DRP 323616	19.99 0.86 0.00	19.03 0.66 0.00	18.36 0.62 0.00	18.28 0.60 0.00	18.76 0.58 0.00	21.38 0.72 0.00	25.97 0.78 0.00	30.12 0.82 0.00	30.96 1.22 0.00	28.93 1.51 -0.01	30.84 1.30 -3.04	30.78 1.34 -3.11	30.04 1.41 -3.38	30.00 1.41 -3.91	29.59 1.39 -4.55	30.11 1.34 -5.34	30.52 1.37 -4.22	31.01 1.62 -0.93	32.90 1.75 -1.00	32.42 1.95 -0.01	31.78 1.51 -0.01	30.81 1.15 -3.00	28.20 1.15 -3.55	22.76 1.00 -0.01
LOCKPORT_115KV_TB60_63_64 80432	18.96 -0.17 0.00	18.31 -0.06 0.00	17.71 -0.04 0.00	17.66 -0.02 0.00	18.20 0.02 0.00	20.82 0.17 0.00	25.29 0.10 0.00	28.95 -0.35 0.00	29.53 -0.21 0.00	27.05 -0.36 0.00	26.07 -0.42 0.00	25.99 -0.34 0.00	24.85 -0.40 0.00	24.21 -0.47 0.00	22.98 -0.66 0.00	22.73 -0.70 0.00	23.85 -1.07 0.00	26.92 -1.54 0.00	29.00 -1.15 0.00	30.03 -0.43 0.00	29.56 -0.70 0.00	26.38 -0.29 0.00	23.08 -0.42 0.00	21.57 -0.17 0.00
LOCKPORT___CC1 323769	18.96 -0.17 0.00	18.31 -0.05 0.00	17.71 -0.04 0.00	17.66 -0.02 0.00	18.22 0.04 0.00	20.82 0.16 0.00	25.22 0.03 0.00	28.98 -0.32 0.00	29.35 -0.39 0.00	26.89 -0.52 0.00	25.94 -0.56 0.00	25.86 -0.47 0.00	24.57 -0.68 0.00	23.92 -0.77 0.00	22.88 -0.76 0.00	22.64 -0.80 0.00	23.65 -1.27 0.00	26.78 -1.68 0.00	28.76 -1.39 0.00	29.55 -0.91 0.00	29.75 -0.51 0.00	26.03 -0.64 0.00	23.08 -0.42 0.00	21.57 -0.17 0.00
LOCKPORT___CC2 323770	18.96 -0.17 0.00	18.31 -0.05 0.00	17.71 -0.04 0.00	17.66 -0.02 0.00	18.22 0.04 0.00	20.82 0.16 0.00	25.22 0.03 0.00	28.98 -0.32 0.00	29.35 -0.39 0.00	26.89 -0.52 0.00	25.94 -0.56 0.00	25.86 -0.47 0.00	24.57 -0.68 0.00	23.92 -0.77 0.00	22.88 -0.76 0.00	22.64 -0.80 0.00	23.65 -1.27 0.00	26.78 -1.68 0.00	28.76 -1.39 0.00	29.55 -0.91 0.00	29.75 -0.51 0.00	26.03 -0.64 0.00	23.08 -0.42 0.00	21.57 -0.17 0.00
LOCKPORT___CC3 323771	18.96 -0.17 0.00	18.31 -0.05 0.00	17.71 -0.04 0.00	17.66 -0.02 0.00	18.22 0.04 0.00	20.82 0.16 0.00	25.22 0.03 0.00	28.98 -0.32 0.00	29.35 -0.39 0.00	26.89 -0.52 0.00	25.94 -0.56 0.00	25.86 -0.47 0.00	24.57 -0.68 0.00	23.92 -0.77 0.00	22.88 -0.76 0.00	22.64 -0.80 0.00	23.65 -1.27 0.00	26.78 -1.68 0.00	28.76 -1.39 0.00	29.55 -0.91 0.00	29.75 -0.51 0.00	26.03 -0.64 0.00	23.08 -0.42 0.00	21.57 -0.17 0.00
LONG_LAKE_PHOENIX 24014	18.71 -0.42 0.00	17.98 -0.39 0.00	17.37 -0.37 0.00	17.31 -0.37 0.00	17.80 -0.38 0.00	20.26 -0.39 0.00	24.74 -0.45 0.00	28.75 -0.56 0.00	29.02 -0.71 0.00	26.72 -0.69 0.00	25.84 -0.66 0.00	25.65 -0.68 0.00	24.57 -0.68 0.00	23.99 -0.69 0.00	22.96 -0.69 0.00	22.78 -0.66 0.00	24.23 -0.70 0.00	27.63 -0.83 0.00	29.39 -0.75 0.00	29.85 -0.61 0.00	29.56 -0.70 0.00	26.08 -0.59 0.00	22.94 -0.56 0.00	21.31 -0.43 0.00
LOVETT___3 23632	19.76 0.63 0.00	18.98 0.61 0.00	18.31 0.57 0.00	18.21 0.53 0.00	18.67 0.49 0.00	21.13 0.48 0.00	25.90 0.71 0.00	30.15 0.85 0.00	30.78 1.04 0.00	28.51 1.10 0.00	27.53 1.03 0.00	27.41 1.08 0.00	26.42 1.16 0.00	25.82 1.14 0.00	24.78 1.13 0.00	24.51 1.08 0.00	26.02 1.10 0.00	29.74 1.28 0.00	31.53 1.39 0.00	32.04 1.58 0.00	31.41 1.15 0.00	27.55 0.88 0.00	24.38 0.87 0.00	22.40 0.65 0.00
LOVETT___4 23642	19.76 0.63 0.00	18.98 0.61 0.00	18.31 0.57 0.00	18.21 0.53 0.00	18.67 0.49 0.00	21.13 0.48 0.00	25.90 0.71 0.00	30.15 0.85 0.00	30.78 1.04 0.00	28.51 1.10 0.00	27.53 1.03 0.00	27.41 1.08 0.00	26.42 1.16 0.00	25.82 1.14 0.00	24.78 1.13 0.00	24.51 1.08 0.00	26.02 1.10 0.00	29.74 1.28 0.00	31.53 1.39 0.00	32.04 1.58 0.00	31.41 1.15 0.00	27.55 0.88 0.00	24.38 0.87 0.00	22.40 0.65 0.00
LOVETT___5 23593	19.76 0.63 0.00	18.98 0.61 0.00	18.31 0.57 0.00	18.21 0.53 0.00	18.67 0.49 0.00	21.13 0.48 0.00	25.90 0.71 0.00	30.15 0.85 0.00	30.78 1.04 0.00	28.51 1.10 0.00	27.53 1.03 0.00	27.41 1.08 0.00	26.42 1.16 0.00	25.82 1.14 0.00	24.78 1.13 0.00	24.51 1.08 0.00	26.02 1.10 0.00	29.74 1.28 0.00	31.53 1.39 0.00	32.04 1.58 0.00	31.41 1.15 0.00	27.55 0.88 0.00	24.38 0.87 0.00	22.40 0.65 0.00
LOWER RAQUET___HYD 24057	18.54 -0.59 0.00	17.78 -0.59 0.00	17.17 -0.57 0.00	17.13 -0.55 0.00	17.65 -0.53 0.00	20.14 -0.52 0.00	24.46 -0.73 0.00	28.74 -0.56 0.00	29.08 -0.65 0.00	26.83 -0.58 0.00	25.91 -0.58 0.00	25.70 -0.63 0.00	24.60 -0.66 0.00	23.99 -0.69 0.00	22.98 -0.66 0.00	22.80 -0.63 0.00	24.33 -0.60 0.00	27.89 -0.57 0.00	29.42 -0.72 0.00	29.39 -1.07 0.00	29.14 -1.12 0.00	26.06 -0.61 0.00	22.89 -0.61 0.00	21.14 -0.61 0.00
LOWER___HUDSON 24059	19.61 0.48 0.00	18.79 0.42 0.00	18.17 0.43 0.00	18.10 0.42 0.00	18.62 0.44 0.00	21.15 0.49 0.00	25.80 0.60 0.00	29.98 0.67 0.00	30.36 0.63 0.00	27.90 0.49 0.00	27.03 0.53 0.00	26.83 0.50 0.00	25.73 0.48 0.00	25.20 0.52 0.00	24.14 0.50 0.00	23.95 0.51 0.00	25.50 0.57 0.00	29.06 0.60 0.00	30.81 0.66 0.00	31.40 0.95 0.00	31.17 0.91 0.00	27.23 0.56 0.00	23.98 0.47 0.00	22.18 0.43 0.00
LOWVILLE_115KV_TB2 356335	19.15 0.02 0.00	18.35 -0.02 0.00	17.71 -0.04 0.00	17.66 -0.02 0.00	18.20 0.02 0.00	20.76 0.10 0.00	25.39 0.20 0.00	29.77 0.47 0.00	30.03 0.30 0.00	27.52 0.11 0.00	26.50 0.00 0.00	26.31 -0.03 0.00	25.13 -0.13 0.00	24.56 -0.12 0.00	23.50 -0.14 0.00	23.31 -0.12 0.00	24.95 0.02 0.00	28.60 0.14 0.00	30.08 -0.06 0.00	30.46 0.00 0.00	30.26 0.00 0.00	26.72 0.05 0.00	23.55 0.05 0.00	21.94 0.20 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	19.76 0.63 0.00	18.94 0.57 0.00	18.31 0.57 0.00	18.26 0.58 0.00	18.80 0.62 0.00	21.36 0.70 0.00	26.08 0.88 0.00	30.24 0.94 0.00	30.75 1.01 0.00	28.23 0.82 0.00	27.32 0.82 0.00	27.15 0.82 0.00	26.04 0.78 0.00	25.42 0.74 0.00	24.37 0.73 0.00	24.14 0.70 0.00	25.70 0.77 0.00	29.31 0.85 0.00	31.14 0.99 0.00	31.62 1.16 0.00	31.23 0.97 0.00	27.47 0.80 0.00	24.21 0.71 0.00	22.36 0.61 0.00
LUTHERNY_35_KV_BK2 355980	19.78 0.65 0.00	18.96 0.59 0.00	18.33 0.59 0.00	18.26 0.58 0.00	18.80 0.62 0.00	21.36 0.70 0.00	26.10 0.91 0.00	30.27 0.97 0.00	30.75 1.01 0.00	28.26 0.85 0.00	27.35 0.85 0.00	27.15 0.82 0.00	26.06 0.81 0.00	25.45 0.77 0.00	24.37 0.73 0.00	24.16 0.73 0.00	25.70 0.77 0.00	29.31 0.85 0.00	31.14 0.99 0.00	31.62 1.16 0.00	31.26 1.00 0.00	27.50 0.83 0.00	24.23 0.73 0.00	22.38 0.63 0.00

LWR___OSWEGATCHIE_HYD 23850	18.69 -0.44 0.00	17.91 -0.46 0.00	17.28 -0.46 0.00	17.24 -0.44 0.00	17.78 -0.40 0.00	20.28 -0.37 0.00	24.69 -0.50 0.00	29.07 -0.23 0.00	29.26 -0.48 0.00	26.89 -0.52 0.00	25.91 -0.58 0.00	25.73 -0.61 0.00	24.57 -0.68 0.00	24.02 -0.67 0.00	22.98 -0.66 0.00	22.78 -0.66 0.00	24.35 -0.57 0.00	27.94 -0.51 0.00	29.48 -0.66 0.00	29.67 -0.79 0.00	29.62 -0.64 0.00	26.22 -0.45 0.00	23.04 -0.47 0.00	21.36 -0.39 0.00
LYONS_FALL_HYD 23570	19.30 0.17 0.00	18.50 0.13 0.00	17.87 0.13 0.00	17.80 0.12 0.00	18.35 0.16 0.00	20.90 0.25 0.00	25.57 0.38 0.00	29.95 0.64 0.00	30.27 0.54 0.00	27.76 0.36 0.00	26.79 0.29 0.00	26.60 0.26 0.00	25.43 0.18 0.00	24.83 0.15 0.00	23.81 0.17 0.00	23.60 0.17 0.00	25.22 0.30 0.00	28.86 0.40 0.00	30.44 0.30 0.00	30.83 0.37 0.00	30.62 0.36 0.00	27.01 0.35 0.00	23.79 0.28 0.00	22.09 0.35 0.00
MADISON___COUNTY_LFGE 323628	19.59 0.46 0.00	18.79 0.42 0.00	18.13 0.39 0.00	18.07 0.39 0.00	18.62 0.44 0.00	21.21 0.56 0.00	25.95 0.76 0.00	30.30 1.00 0.00	30.66 0.92 0.00	28.15 0.74 0.00	27.19 0.69 0.00	27.02 0.68 0.00	25.86 0.61 0.00	25.30 0.62 0.00	24.21 0.57 0.00	24.02 0.59 0.00	25.62 0.70 0.00	29.25 0.80 0.00	31.08 0.93 0.00	31.49 1.04 0.00	31.23 0.97 0.00	27.55 0.88 0.00	24.21 0.71 0.00	22.40 0.65 0.00
MALONE___115KV_TB1 356076	19.29 0.15 0.00	18.50 0.13 0.00	17.90 0.16 0.00	17.91 0.23 0.00	18.49 0.31 0.00	21.15 0.50 0.00	25.50 0.30 0.00	30.18 0.88 0.00	30.36 0.62 0.00	28.18 0.77 0.00	27.19 0.69 0.00	26.94 0.61 0.00	25.71 0.45 0.00	25.10 0.42 0.00	23.97 0.33 0.00	23.78 0.35 0.00	25.40 0.47 0.00	29.20 0.74 0.00	30.87 0.72 0.00	30.95 0.49 0.00	30.93 0.67 0.00	27.26 0.59 0.00	23.91 0.40 0.00	22.05 0.30 0.00
MAPLEWOD_115KV_TB3 80458	19.73 0.59 0.00	18.92 0.55 0.00	18.27 0.53 0.00	18.21 0.53 0.00	18.73 0.55 0.00	21.25 0.60 0.00	25.90 0.71 0.00	30.03 0.73 0.00	30.54 0.80 0.00	28.07 0.66 0.00	27.19 0.69 0.00	26.99 0.66 0.00	25.91 0.66 0.00	25.35 0.67 0.00	24.30 0.66 0.00	24.09 0.66 0.00	25.65 0.72 0.00	29.25 0.80 0.00	31.02 0.87 0.00	31.55 1.10 0.00	31.14 0.88 0.00	27.39 0.72 0.00	24.14 0.63 0.00	22.34 0.59 0.00
MAPLE_RIDGE_WT_1 323574	19.04 -0.10 0.00	18.30 -0.07 0.00	17.67 -0.07 0.00	17.62 -0.05 0.00	18.13 -0.05 0.00	20.61 -0.04 0.00	25.09 -0.10 0.00	29.19 -0.12 0.00	29.65 -0.09 0.00	27.35 -0.05 0.00	26.47 -0.03 0.00	26.31 -0.03 0.00	25.20 -0.05 0.00	24.63 -0.05 0.00	23.57 -0.07 0.00	23.39 -0.05 0.00	24.87 -0.05 0.00	28.40 -0.06 0.00	30.02 -0.12 0.00	30.18 -0.27 0.00	29.93 -0.33 0.00	26.48 -0.19 0.00	23.34 -0.16 0.00	21.57 -0.17 0.00
MAPLE_RIDGE_WT_2 323611	19.04 -0.10 0.00	18.30 -0.07 0.00	17.67 -0.07 0.00	17.62 -0.05 0.00	18.13 -0.05 0.00	20.61 -0.04 0.00	25.09 -0.10 0.00	29.19 -0.12 0.00	29.65 -0.09 0.00	27.35 -0.05 0.00	26.47 -0.03 0.00	26.31 -0.03 0.00	25.20 -0.05 0.00	24.63 -0.05 0.00	23.57 -0.07 0.00	23.39 -0.05 0.00	24.87 -0.05 0.00	28.40 -0.06 0.00	30.02 -0.12 0.00	30.18 -0.27 0.00	29.93 -0.33 0.00	26.48 -0.19 0.00	23.34 -0.16 0.00	21.57 -0.17 0.00
MARBLE_RIVER_WT_PWR 323696	19.32 0.19 0.00	18.55 0.18 0.00	17.97 0.23 0.00	17.98 0.30 0.00	18.56 0.38 0.00	21.23 0.58 0.00	25.52 0.33 0.00	30.62 1.32 0.00	30.96 1.22 0.00	29.05 1.64 0.00	28.03 1.54 0.00	27.75 1.42 0.00	26.44 1.19 0.00	25.69 1.01 0.00	24.52 0.88 0.00	24.35 0.91 0.00	26.00 1.07 0.00	29.96 1.51 0.00	31.83 1.69 0.00	31.92 1.46 0.00	31.44 1.18 0.00	27.98 1.31 0.00	24.49 0.99 0.00	22.60 0.85 0.00
MARSHVLE_115KV_TB1 80742	19.94 0.80 0.00	19.12 0.75 0.00	18.49 0.75 0.00	18.42 0.74 0.00	18.98 0.80 0.00	21.64 0.99 0.00	26.58 1.39 0.00	30.65 1.35 0.00	31.19 1.46 0.00	28.56 1.15 0.00	27.53 1.03 0.00	27.31 0.97 0.00	26.14 0.88 0.00	25.50 0.81 0.00	24.42 0.78 0.00	24.18 0.75 0.00	25.82 0.90 0.00	29.54 1.08 0.00	31.62 1.48 0.00	32.13 1.68 0.00	31.74 1.48 0.00	27.92 1.25 0.00	24.70 1.20 0.00	22.77 1.02 0.00
MARSH_HILL_WT_PWR 323713	20.01 0.88 0.00	19.31 0.94 0.00	18.61 0.87 0.00	18.53 0.85 0.00	19.09 0.91 0.00	21.87 1.22 0.00	26.86 1.66 0.00	30.91 1.61 0.00	31.64 1.90 0.00	28.97 1.56 0.00	27.82 1.32 0.00	27.62 1.29 0.00	26.39 1.14 0.00	25.74 1.06 0.00	24.59 0.95 0.00	24.35 0.91 0.00	25.82 0.90 0.00	29.43 0.97 0.00	31.50 1.36 0.00	32.47 2.01 0.00	32.23 1.97 0.00	28.05 1.39 0.00	24.73 1.22 0.00	23.03 1.28 0.00
MCINTYRE_115KV_TB2 80467	19.09 -0.04 0.00	18.31 -0.06 0.00	17.67 -0.07 0.00	17.62 -0.05 0.00	18.18 0.00 0.00	20.78 0.12 0.00	25.29 0.10 0.00	29.92 0.62 0.00	30.09 0.36 0.00	27.77 0.36 0.00	26.74 0.24 0.00	26.52 0.18 0.00	25.38 0.13 0.00	24.78 0.10 0.00	23.69 0.05 0.00	23.48 0.05 0.00	25.07 0.15 0.00	28.71 0.26 0.00	30.29 0.15 0.00	30.34 -0.12 0.00	30.50 0.24 0.00	26.94 0.27 0.00	23.62 0.12 0.00	21.81 0.07 0.00
MECO____69_KV_BK1 80468	20.62 1.49 0.00	19.75 1.38 0.00	19.11 1.37 0.00	19.06 1.38 0.00	19.69 1.51 0.00	22.47 1.82 0.00	27.64 2.44 0.00	31.94 2.64 0.00	32.44 2.71 0.00	29.41 2.00 0.00	28.41 1.91 0.00	28.04 1.71 0.00	26.87 1.62 0.00	26.16 1.48 0.00	25.06 1.42 0.00	24.84 1.41 0.00	26.57 1.65 0.00	30.51 2.05 0.00	32.80 2.65 0.00	33.29 2.83 0.00	32.95 2.69 0.00	28.96 2.29 0.00	25.50 2.00 0.00	23.51 1.76 0.00
MENANDS__115KV_TB5 355628	19.69 0.55 0.00	18.88 0.51 0.00	18.26 0.51 0.00	18.19 0.51 0.00	18.71 0.53 0.00	21.21 0.56 0.00	25.85 0.66 0.00	29.98 0.67 0.00	30.51 0.77 0.00	28.04 0.63 0.00	27.13 0.64 0.00	26.96 0.63 0.00	25.89 0.63 0.00	25.30 0.62 0.00	24.28 0.64 0.00	24.06 0.63 0.00	25.60 0.67 0.00	29.20 0.74 0.00	30.96 0.81 0.00	31.46 1.01 0.00	31.05 0.79 0.00	27.31 0.64 0.00	24.09 0.59 0.00	22.29 0.54 0.00
MG INDUSTRY___DRP 24185	19.69 0.55 0.00	18.90 0.53 0.00	18.26 0.51 0.00	18.21 0.53 0.00	18.73 0.55 0.00	21.25 0.60 0.00	25.90 0.71 0.00	30.01 0.70 0.00	30.51 0.77 0.00	28.04 0.63 0.00	27.11 0.61 0.00	26.94 0.61 0.00	25.84 0.58 0.00	25.25 0.57 0.00	24.21 0.57 0.00	23.99 0.56 0.00	25.52 0.60 0.00	29.11 0.65 0.00	30.87 0.72 0.00	31.37 0.91 0.00	30.99 0.73 0.00	27.26 0.59 0.00	24.07 0.56 0.00	22.27 0.52 0.00
MID___OSWEGATCHIE_HYD 23849	18.69 -0.44 0.00	17.91 -0.46 0.00	17.28 -0.46 0.00	17.24 -0.44 0.00	17.78 -0.40 0.00	20.28 -0.37 0.00	24.69 -0.50 0.00	29.07 -0.23 0.00	29.26 -0.48 0.00	26.89 -0.52 0.00	25.91 -0.58 0.00	25.73 -0.61 0.00	24.57 -0.68 0.00	24.02 -0.67 0.00	22.98 -0.66 0.00	22.78 -0.66 0.00	24.35 -0.57 0.00	27.94 -0.51 0.00	29.48 -0.66 0.00	29.67 -0.79 0.00	29.62 -0.64 0.00	26.22 -0.45 0.00	23.04 -0.47 0.00	21.36 -0.39 0.00

MID___RAQUETTE_HYD 23851	18.54 -0.59 0.00	17.78 -0.59 0.00	17.17 -0.57 0.00	17.13 -0.55 0.00	17.65 -0.53 0.00	20.14 -0.52 0.00	24.46 -0.73 0.00	28.86 -0.44 0.00	29.08 -0.65 0.00	26.83 -0.58 0.00	25.89 -0.61 0.00	25.70 -0.63 0.00	24.57 -0.68 0.00	24.02 -0.67 0.00	22.98 -0.66 0.00	22.80 -0.63 0.00	24.33 -0.60 0.00	27.86 -0.60 0.00	29.36 -0.78 0.00	29.36 -1.10 0.00	29.50 -0.76 0.00	26.06 -0.61 0.00	22.89 -0.61 0.00	21.14 -0.61 0.00
MILLIKEN___1 23584	19.46 0.33 0.00	18.72 0.35 0.00	18.06 0.32 0.00	18.00 0.32 0.00	18.53 0.35 0.00	21.13 0.48 0.00	25.87 0.68 0.00	30.06 0.76 0.00	29.91 0.18 0.00	27.49 0.08 0.00	26.47 -0.03 0.00	26.25 -0.08 0.00	25.13 -0.13 0.00	24.51 -0.17 0.00	23.43 -0.21 0.00	23.27 -0.16 0.00	24.80 -0.12 0.00	28.34 -0.11 0.00	30.23 0.09 0.00	30.73 0.27 0.00	30.44 0.18 0.00	26.86 0.19 0.00	23.58 0.07 0.00	21.88 0.13 0.00
MILLIKEN___2 23585	19.46 0.33 0.00	18.72 0.35 0.00	18.06 0.32 0.00	18.00 0.32 0.00	18.53 0.35 0.00	21.13 0.48 0.00	25.87 0.68 0.00	30.06 0.76 0.00	29.91 0.18 0.00	27.49 0.08 0.00	26.47 -0.03 0.00	26.25 -0.08 0.00	25.13 -0.13 0.00	24.51 -0.17 0.00	23.43 -0.21 0.00	23.27 -0.16 0.00	24.80 -0.12 0.00	28.34 -0.11 0.00	30.23 0.09 0.00	30.73 0.27 0.00	30.44 0.18 0.00	26.86 0.19 0.00	23.58 0.07 0.00	21.88 0.13 0.00
MILLIKEN___DIESEL 23629	19.46 0.33 0.00	18.72 0.35 0.00	18.06 0.32 0.00	18.00 0.32 0.00	18.53 0.35 0.00	21.13 0.48 0.00	25.87 0.68 0.00	30.06 0.76 0.00	29.91 0.18 0.00	27.49 0.08 0.00	26.47 -0.03 0.00	26.25 -0.08 0.00	25.13 -0.13 0.00	24.51 -0.17 0.00	23.43 -0.21 0.00	23.27 -0.16 0.00	24.80 -0.12 0.00	28.34 -0.11 0.00	30.23 0.09 0.00	30.73 0.27 0.00	30.44 0.18 0.00	26.86 0.19 0.00	23.58 0.07 0.00	21.88 0.13 0.00
MILLSEAT___LFGE 323607	19.15 0.02 0.00	18.48 0.11 0.00	17.85 0.11 0.00	17.80 0.12 0.00	18.38 0.20 0.00	21.03 0.37 0.00	25.52 0.33 0.00	29.36 0.06 0.00	29.77 0.03 0.00	27.27 -0.14 0.00	26.28 -0.21 0.00	26.20 -0.13 0.00	24.85 -0.41 0.00	24.19 -0.49 0.00	23.14 -0.50 0.00	22.94 -0.49 0.00	24.00 -0.92 0.00	27.18 -1.28 0.00	29.21 -0.93 0.00	30.00 -0.46 0.00	30.17 -0.09 0.00	26.43 -0.24 0.00	23.39 -0.12 0.00	21.84 0.09 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.82 0.69 0.00	19.01 0.64 0.00	18.35 0.60 0.00	18.26 0.58 0.00	18.73 0.55 0.00	21.17 0.52 0.00	25.92 0.73 0.00	30.18 0.88 0.00	30.84 1.10 0.00	28.56 1.15 0.00	27.58 1.09 0.00	27.47 1.13 0.00	26.47 1.21 0.00	25.89 1.21 0.00	24.85 1.21 0.00	24.58 1.15 0.00	26.10 1.17 0.00	29.82 1.37 0.00	31.62 1.48 0.00	32.07 1.61 0.00	31.47 1.21 0.00	27.58 0.91 0.00	24.42 0.92 0.00	22.42 0.67 0.00
MILLWOOD_13_KV_LOAD 356217	19.86 0.73 0.00	19.05 0.68 0.00	18.38 0.64 0.00	18.31 0.64 0.00	18.76 0.58 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.24 0.94 0.00	30.90 1.16 0.00	28.61 1.21 0.00	27.66 1.17 0.00	27.54 1.21 0.00	26.57 1.31 0.00	25.97 1.28 0.00	24.89 1.25 0.00	24.65 1.22 0.00	26.15 1.22 0.00	29.91 1.45 0.00	31.68 1.54 0.00	32.13 1.68 0.00	31.56 1.30 0.00	27.66 0.99 0.00	24.47 0.96 0.00	22.47 0.72 0.00
MODEL_CITY_ENERGY 24167	18.77 -0.36 0.00	18.15 -0.22 0.00	17.55 -0.19 0.00	17.50 -0.18 0.00	18.04 -0.15 0.00	20.61 -0.04 0.00	24.97 -0.23 0.00	28.69 -0.62 0.00	29.05 -0.68 0.00	26.61 -0.80 0.00	25.68 -0.82 0.00	25.60 -0.74 0.00	24.32 -0.93 0.00	23.69 -0.99 0.00	22.67 -0.97 0.00	22.43 -1.01 0.00	23.43 -1.49 0.00	26.52 -1.94 0.00	28.48 -1.66 0.00	29.27 -1.19 0.00	29.44 -0.82 0.00	25.76 -0.91 0.00	22.87 -0.63 0.00	21.38 -0.37 0.00
MODERN_LFGE___ 323580	18.77 -0.36 0.00	18.15 -0.22 0.00	17.55 -0.19 0.00	17.50 -0.18 0.00	18.04 -0.15 0.00	20.61 -0.04 0.00	24.97 -0.23 0.00	28.69 -0.62 0.00	29.05 -0.68 0.00	26.61 -0.80 0.00	25.68 -0.82 0.00	25.60 -0.74 0.00	24.32 -0.93 0.00	23.69 -0.99 0.00	22.67 -0.97 0.00	22.43 -1.01 0.00	23.43 -1.49 0.00	26.52 -1.94 0.00	28.48 -1.66 0.00	29.27 -1.19 0.00	29.44 -0.82 0.00	25.76 -0.91 0.00	22.87 -0.63 0.00	21.38 -0.37 0.00
MOHAWK_PAPER___DRP 24187	19.73 0.59 0.00	18.92 0.55 0.00	18.27 0.53 0.00	18.21 0.53 0.00	18.73 0.55 0.00	21.25 0.60 0.00	25.90 0.71 0.00	30.03 0.73 0.00	30.54 0.80 0.00	28.07 0.66 0.00	27.19 0.69 0.00	26.99 0.66 0.00	25.91 0.66 0.00	25.35 0.67 0.00	24.30 0.66 0.00	24.09 0.66 0.00	25.65 0.72 0.00	29.25 0.80 0.00	31.02 0.87 0.00	31.55 1.10 0.00	31.14 0.88 0.00	27.39 0.72 0.00	24.14 0.63 0.00	22.34 0.59 0.00
MOHICAN__35_KV_115KV_LD 80490	19.74 0.61 0.00	18.90 0.53 0.00	18.27 0.53 0.00	18.23 0.55 0.00	18.78 0.60 0.00	21.36 0.70 0.00	26.15 0.96 0.00	30.36 1.05 0.00	30.84 1.10 0.00	28.31 0.90 0.00	27.40 0.90 0.00	27.20 0.87 0.00	26.09 0.83 0.00	25.45 0.77 0.00	24.37 0.73 0.00	24.14 0.70 0.00	25.70 0.77 0.00	29.31 0.85 0.00	31.20 1.05 0.00	31.65 1.19 0.00	31.32 1.06 0.00	27.50 0.83 0.00	24.21 0.71 0.00	22.31 0.57 0.00
MONGAUP___HYD 23641	19.63 0.50 0.00	18.85 0.48 0.00	18.15 0.41 0.00	18.08 0.41 0.00	18.58 0.40 0.00	21.03 0.37 0.00	25.72 0.53 0.00	29.74 0.44 0.00	30.21 0.47 0.00	27.79 0.38 0.00	26.84 0.34 0.00	26.99 0.66 0.00	25.96 0.71 0.00	25.40 0.72 0.00	24.33 0.69 0.00	24.11 0.68 0.00	25.42 0.50 0.00	29.11 0.66 0.00	30.90 0.75 0.00	31.46 1.00 0.00	31.23 0.97 0.00	27.15 0.48 0.00	24.16 0.66 0.00	22.23 0.48 0.00
MONTAUK___DIESEL 23721	21.12 1.99 0.00	20.06 1.69 0.00	19.36 1.61 0.00	19.30 1.63 0.00	19.80 1.62 0.00	22.66 2.00 0.00	27.33 2.14 0.00	31.82 2.52 0.00	32.83 3.09 0.00	30.71 3.29 -0.01	32.69 3.15 -3.04	32.47 3.03 -3.11	31.61 2.98 -3.38	31.33 2.74 -3.91	30.79 2.60 -4.55	31.37 2.60 -5.34	31.86 2.72 -4.22	32.79 3.39 -0.95	34.80 3.53 -1.13	39.34 3.78 -5.10	33.70 3.30 -0.14	32.54 2.88 -3.00	29.71 2.66 -3.55	24.04 2.28 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.92 0.78 0.00	19.29 0.92 0.00	18.59 0.85 0.00	18.58 0.90 0.00	19.18 1.00 0.00	22.00 1.34 0.00	26.93 1.74 0.00	30.83 1.52 0.00	31.46 1.72 0.00	28.86 1.45 0.00	27.74 1.25 0.00	27.65 1.32 0.00	26.39 1.14 0.00	25.67 0.99 0.00	24.35 0.71 0.00	23.99 0.56 0.00	25.20 0.27 0.00	28.51 0.06 0.00	30.69 0.54 0.00	31.80 1.34 0.00	31.17 0.91 0.00	27.87 1.20 0.00	24.28 0.78 0.00	22.75 1.00 0.00
MORTIMER_115KV_TB3 55949	18.94 -0.19 0.00	18.22 -0.15 0.00	17.60 -0.14 0.00	17.54 -0.14 0.00	18.09 -0.09 0.00	20.65 0.00 0.00	25.17 -0.03 0.00	29.07 -0.23 0.00	29.56 -0.18 0.00	27.16 -0.25 0.00	26.26 -0.24 0.00	26.12 -0.21 0.00	24.98 -0.28 0.00	24.36 -0.32 0.00	23.19 -0.45 0.00	22.99 -0.45 0.00	24.28 -0.65 0.00	27.49 -0.97 0.00	29.42 -0.72 0.00	30.18 -0.27 0.00	29.84 -0.42 0.00	26.46 -0.21 0.00	23.20 -0.31 0.00	21.57 -0.17 0.00

MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.92 0.78 0.00	19.09 0.72 0.00	18.42 0.67 0.00	18.33 0.65 0.00	18.78 0.60 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.27 0.97 0.00	30.99 1.25 0.00	28.75 1.34 0.00	27.74 1.25 0.00	27.68 1.34 0.00	26.69 1.44 0.00	26.09 1.41 0.00	25.04 1.39 0.00	24.77 1.34 0.00	26.30 1.37 0.00	30.08 1.62 0.00	31.86 1.72 0.00	32.29 1.83 0.00	31.65 1.39 0.00	27.66 0.99 0.00	24.54 1.03 0.00	22.51 0.76 0.00
MUNSVILLE_WIND_PWR 323609	20.82 1.68 0.00	19.99 1.62 0.00	19.25 1.51 0.00	19.18 1.50 0.00	19.78 1.60 0.00	22.68 2.03 0.00	27.92 2.72 0.00	32.73 3.43 0.00	32.98 3.24 0.00	30.23 2.82 0.00	28.96 2.46 0.00	28.68 2.34 0.00	27.30 2.04 0.00	26.58 1.90 0.00	25.46 1.82 0.00	25.28 1.85 0.00	27.02 2.09 0.00	30.82 2.36 0.00	33.07 2.92 0.00	33.72 3.26 0.00	33.56 3.30 0.00	29.36 2.69 0.00	25.78 2.28 0.00	23.86 2.11 0.00
N SALMON___HYD 24042	19.28 0.15 0.00	18.50 0.13 0.00	17.90 0.16 0.00	17.91 0.23 0.00	18.49 0.31 0.00	21.15 0.49 0.00	25.50 0.30 0.00	30.04 0.73 0.00	30.36 0.63 0.00	28.18 0.77 0.00	27.19 0.69 0.00	26.91 0.58 0.00	25.71 0.46 0.00	25.05 0.37 0.00	23.97 0.33 0.00	23.78 0.35 0.00	25.40 0.47 0.00	29.20 0.74 0.00	30.93 0.78 0.00	30.94 0.49 0.00	30.59 0.33 0.00	27.25 0.59 0.00	23.90 0.40 0.00	22.05 0.30 0.00
N.AKRON___115KV_KNAPP 355671	19.17 0.04 0.00	18.50 0.13 0.00	17.87 0.12 0.00	17.82 0.14 0.00	18.40 0.22 0.00	21.05 0.39 0.00	25.60 0.40 0.00	29.36 0.06 0.00	29.94 0.21 0.00	27.44 0.03 0.00	26.44 -0.05 0.00	26.33 0.00 0.00	25.15 -0.10 0.00	24.51 -0.17 0.00	23.29 -0.35 0.00	23.03 -0.40 0.00	24.20 -0.72 0.00	27.35 -1.11 0.00	29.45 -0.69 0.00	30.49 0.03 0.00	30.05 -0.21 0.00	26.78 0.11 0.00	23.41 -0.09 0.00	21.84 0.09 0.00
N.BELMOR_69_KV_BK1 55787	20.13 0.99 0.00	19.18 0.81 0.00	18.49 0.75 0.00	18.42 0.74 0.00	18.89 0.71 0.00	21.52 0.87 0.00	26.18 0.98 0.00	30.39 1.08 0.00	31.22 1.49 0.00	29.18 1.75 -0.01	31.10 1.56 -3.04	31.05 1.61 -3.11	30.30 1.67 -3.38	30.24 1.65 -3.91	29.83 1.63 -4.55	30.34 1.57 -5.34	30.77 1.62 -4.22	31.29 1.91 -0.93	33.20 2.05 -1.00	32.69 2.22 -0.01	32.06 1.79 -0.01	31.08 1.41 -3.00	28.41 1.36 -3.54	22.91 1.15 -0.01
N.E_GEN_SANDY PD 24062	19.63 0.50 0.00	18.83 0.46 0.00	18.20 0.46 0.00	18.12 0.44 0.00	18.62 0.44 0.00	21.09 0.43 0.00	25.72 0.53 0.00	30.42 0.59 -0.53	29.77 0.56 0.53	27.87 0.47 0.00	27.00 0.50 0.00	26.81 0.47 0.00	25.76 0.50 0.00	25.25 0.57 0.00	24.21 0.57 0.00	23.99 0.56 0.00	25.55 0.62 0.00	29.14 0.68 0.00	30.78 0.69 0.05	31.55 1.04 -0.05	31.23 0.97 0.00	27.23 0.56 0.00	24.00 0.49 0.00	22.14 0.39 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.80 0.67 0.00	18.99 0.62 0.00	18.33 0.59 0.00	18.24 0.57 0.00	18.71 0.53 0.00	21.17 0.52 0.00	25.92 0.73 0.00	30.21 0.91 0.00	30.84 1.10 0.00	28.56 1.15 0.00	27.58 1.09 0.00	27.47 1.13 0.00	26.47 1.21 0.00	25.89 1.21 0.00	24.85 1.21 0.00	24.56 1.12 0.00	26.07 1.15 0.00	29.79 1.34 0.00	31.59 1.45 0.00	32.10 1.64 0.00	31.47 1.21 0.00	27.60 0.93 0.00	24.42 0.92 0.00	22.44 0.70 0.00
N.QUEENS_27_KV_LOAD 356247	20.05 0.92 0.00	19.16 0.79 0.00	18.47 0.73 0.00	18.37 0.69 0.00	18.84 0.65 0.00	21.05 0.39 0.00	25.70 0.50 0.00	30.03 0.73 0.00	30.78 1.04 0.00	28.59 1.18 0.00	27.56 1.06 0.00	27.49 1.16 0.00	26.69 1.44 0.00	26.09 1.41 0.00	25.04 1.39 0.00	24.74 1.31 0.00	26.27 1.35 0.00	30.08 1.62 0.00	31.80 1.66 0.00	32.10 1.64 0.00	31.47 1.21 0.00	27.39 0.72 0.00	24.47 0.96 0.00	22.47 0.72 0.00
N.TROY___115KV_TB1 355778	19.61 0.48 0.00	18.79 0.42 0.00	18.17 0.43 0.00	18.10 0.42 0.00	18.62 0.44 0.00	21.15 0.50 0.00	25.77 0.58 0.00	29.86 0.56 0.00	30.36 0.62 0.00	27.87 0.47 0.00	27.00 0.50 0.00	26.81 0.47 0.00	25.71 0.45 0.00	25.15 0.47 0.00	24.11 0.47 0.00	23.92 0.49 0.00	25.47 0.55 0.00	29.03 0.57 0.00	30.81 0.66 0.00	31.34 0.88 0.00	30.90 0.64 0.00	27.18 0.51 0.00	23.98 0.47 0.00	22.18 0.43 0.00
NARROWS_GT1_1 24228	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
NARROWS_GT1_2 24229	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
NARROWS_GT1_3 24230	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
NARROWS_GT1_4 24231	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
NARROWS_GT1_5 24232	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
NARROWS_GT1_6 24233	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00

NARROWS_GT1_7 24234	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
NARROWS_GT1_8 24235	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
NARROWS_GT2_1 24236	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
NARROWS_GT2_2 24237	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
NARROWS_GT2_3 24238	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
NARROWS_GT2_4 24239	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
NARROWS_GT2_5 24240	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
NARROWS_GT2_6 24241	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
NARROWS_GT2_7 24242	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
NARROWS_GT2_8 24243	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.03 0.90 0.00	19.21 0.84 0.00	18.54 0.80 0.00	18.49 0.81 0.00	19.07 0.89 0.00	21.69 1.03 0.00	26.40 1.21 0.00	30.59 1.29 0.00	31.04 1.31 0.00	28.37 0.96 0.00	27.43 0.93 0.00	27.12 0.79 0.00	26.04 0.78 0.00	25.42 0.74 0.00	24.37 0.73 0.00	24.18 0.75 0.00	25.77 0.85 0.00	29.45 1.00 0.00	31.32 1.18 0.00	31.86 1.40 0.00	31.50 1.24 0.00	27.71 1.04 0.00	24.40 0.89 0.00	22.60 0.85 0.00
NCHELSEA_115KV_TR2 355582	19.99 0.86 0.00	19.20 0.83 0.00	18.51 0.76 0.00	18.42 0.74 0.00	18.91 0.73 0.00	21.40 0.74 0.00	26.15 0.96 0.00	30.47 1.17 0.00	31.13 1.40 0.00	28.75 1.34 0.00	27.85 1.35 0.00	27.68 1.34 0.00	26.67 1.41 0.00	26.09 1.41 0.00	25.01 1.37 0.00	24.74 1.31 0.00	26.27 1.35 0.00	30.02 1.57 0.00	31.86 1.72 0.00	32.32 1.86 0.00	31.77 1.51 0.00	27.84 1.17 0.00	24.59 1.08 0.00	22.60 0.85 0.00
NEG CAPITAL___MECHNVIL 23645	19.76 0.63 0.00	18.94 0.57 0.00	18.31 0.57 0.00	18.24 0.57 0.00	18.78 0.60 0.00	21.36 0.70 0.00	26.10 0.91 0.00	30.33 1.03 0.00	30.75 1.01 0.00	28.26 0.85 0.00	27.35 0.85 0.00	27.15 0.82 0.00	26.06 0.81 0.00	25.47 0.79 0.00	24.40 0.76 0.00	24.16 0.73 0.00	25.72 0.80 0.00	29.34 0.88 0.00	31.14 0.99 0.00	31.68 1.22 0.00	31.50 1.24 0.00	27.52 0.85 0.00	24.21 0.70 0.00	22.36 0.61 0.00
NEG CENTRAL_HIGH_ACRES 23767	18.54 -0.59 0.00	17.84 -0.53 0.00	17.21 -0.53 0.00	17.16 -0.51 0.00	17.69 -0.49 0.00	20.20 -0.45 0.00	24.61 -0.58 0.00	28.54 -0.76 0.00	28.90 -0.83 0.00	26.59 -0.82 0.00	25.70 -0.79 0.00	25.57 -0.76 0.00	24.35 -0.91 0.00	23.72 -0.96 0.00	22.72 -0.92 0.00	22.52 -0.91 0.00	23.80 -1.12 0.00	27.01 -1.45 0.00	28.85 -1.30 0.00	29.39 -1.07 0.00	29.38 -0.88 0.00	25.76 -0.91 0.00	22.73 -0.78 0.00	21.14 -0.61 0.00
NEG CENTRAL___DRP 24199	19.21 0.08 0.00	18.48 0.11 0.00	17.83 0.09 0.00	17.77 0.09 0.00	18.31 0.13 0.00	20.90 0.25 0.00	25.62 0.43 0.00	29.71 0.41 0.00	30.12 0.39 0.00	27.71 0.30 0.00	26.71 0.21 0.00	26.52 0.18 0.00	25.36 0.10 0.00	24.73 0.05 0.00	23.62 -0.02 0.00	23.41 -0.02 0.00	24.85 -0.07 0.00	28.34 -0.11 0.00	30.26 0.12 0.00	30.92 0.46 0.00	30.47 0.21 0.00	26.96 0.29 0.00	23.62 0.12 0.00	21.97 0.22 0.00

NEG CENTRAL___INDECK 23768	19.88 0.75 0.00	19.10 0.74 0.00	18.42 0.67 0.00	18.35 0.67 0.00	18.95 0.76 0.00	21.71 1.05 0.00	26.55 1.36 0.00	30.68 1.38 0.00	31.04 1.31 0.00	28.29 0.88 0.00	27.16 0.66 0.00	26.99 0.66 0.00	25.73 0.48 0.00	25.03 0.35 0.00	23.95 0.31 0.00	23.78 0.35 0.00	25.20 0.27 0.00	28.71 0.26 0.00	30.96 0.81 0.00	31.86 1.40 0.00	31.83 1.57 0.00	27.81 1.15 0.00	24.49 0.99 0.00	22.77 1.02 0.00
NEG CENTRAL___SENECA 23627	19.36 0.23 0.00	18.66 0.29 0.00	18.01 0.27 0.00	17.93 0.25 0.00	18.47 0.29 0.00	21.15 0.50 0.00	25.95 0.76 0.00	30.06 0.76 0.00	30.66 0.92 0.00	28.12 0.71 0.00	27.08 0.58 0.00	26.89 0.55 0.00	25.68 0.43 0.00	25.05 0.37 0.00	23.90 0.26 0.00	23.69 0.26 0.00	25.10 0.17 0.00	28.60 0.14 0.00	30.62 0.48 0.00	31.40 0.94 0.00	30.83 0.57 0.00	27.34 0.67 0.00	23.93 0.42 0.00	22.25 0.50 0.00
NEG CENTRAL___STATE_STREET 24147	19.11 -0.02 0.00	18.37 0.00 0.00	17.74 0.00 0.00	17.68 0.00 0.00	18.20 0.02 0.00	20.74 0.08 0.00	25.37 0.18 0.00	29.51 0.21 0.00	29.65 -0.09 0.00	27.35 -0.05 0.00	26.39 -0.11 0.00	26.23 -0.11 0.00	25.10 -0.15 0.00	24.51 -0.17 0.00	23.43 -0.21 0.00	23.24 -0.19 0.00	24.70 -0.22 0.00	28.17 -0.28 0.00	30.02 -0.12 0.00	30.55 0.09 0.00	30.23 -0.03 0.00	26.64 -0.03 0.00	23.39 -0.12 0.00	21.73 -0.02 0.00
NEG MILLWOOD___DRP 24198	20.03 0.90 0.00	19.23 0.86 0.00	18.54 0.80 0.00	18.49 0.81 0.00	18.95 0.76 0.00	21.40 0.74 0.00	26.18 0.98 0.00	30.50 1.20 0.00	31.16 1.43 0.00	28.83 1.43 0.00	27.90 1.40 0.00	27.75 1.42 0.00	26.80 1.54 0.00	26.19 1.51 0.00	25.06 1.42 0.00	24.86 1.43 0.00	26.34 1.42 0.00	30.11 1.65 0.00	31.92 1.78 0.00	32.32 1.86 0.00	31.83 1.57 0.00	27.90 1.23 0.00	24.61 1.10 0.00	22.60 0.85 0.00
NEG NORTH_FLCN_SEA 23793	19.57 0.44 0.00	18.79 0.42 0.00	18.20 0.46 0.00	18.21 0.53 0.00	18.82 0.64 0.00	21.52 0.87 0.00	25.70 0.50 0.00	30.74 1.44 0.00	30.93 1.19 0.00	29.11 1.70 0.00	28.06 1.56 0.00	27.81 1.47 0.00	26.52 1.26 0.00	25.84 1.16 0.00	24.61 0.97 0.00	24.44 1.01 0.00	26.07 1.15 0.00	30.05 1.59 0.00	31.89 1.75 0.00	32.01 1.55 0.00	31.86 1.60 0.00	28.08 1.41 0.00	24.59 1.08 0.00	22.68 0.94 0.00
NEG NORTH_KES_CHATEGAY 23792	19.34 0.21 0.00	18.57 0.20 0.00	17.99 0.25 0.00	17.98 0.30 0.00	18.58 0.40 0.00	21.23 0.58 0.00	25.55 0.35 0.00	30.12 0.82 0.00	30.36 0.62 0.00	28.23 0.82 0.00	27.24 0.74 0.00	26.99 0.66 0.00	25.79 0.53 0.00	25.15 0.47 0.00	24.02 0.38 0.00	23.83 0.40 0.00	25.42 0.50 0.00	29.28 0.83 0.00	30.99 0.84 0.00	31.07 0.61 0.00	31.02 0.76 0.00	27.34 0.67 0.00	24.00 0.49 0.00	22.14 0.39 0.00
NEG NORTH___ALICE_FALLS 23915	19.59 0.46 0.00	18.79 0.42 0.00	18.20 0.46 0.00	18.21 0.53 0.00	18.82 0.64 0.00	21.54 0.89 0.00	25.80 0.60 0.00	30.86 1.55 0.00	31.01 1.28 0.00	29.05 1.64 0.00	28.01 1.51 0.00	27.75 1.42 0.00	26.47 1.21 0.00	25.79 1.11 0.00	24.56 0.92 0.00	24.42 0.98 0.00	26.07 1.15 0.00	30.05 1.59 0.00	31.89 1.75 0.00	32.04 1.58 0.00	31.89 1.63 0.00	28.08 1.41 0.00	24.59 1.08 0.00	22.66 0.91 0.00
NEG NORTH___LWR_SARANAC 23913	19.59 0.46 0.00	18.79 0.42 0.00	18.20 0.46 0.00	18.21 0.53 0.00	18.82 0.64 0.00	21.54 0.89 0.00	25.80 0.60 0.00	30.86 1.55 0.00	31.01 1.28 0.00	29.05 1.64 0.00	28.01 1.51 0.00	27.75 1.42 0.00	26.47 1.21 0.00	25.79 1.11 0.00	24.56 0.92 0.00	24.42 0.98 0.00	26.07 1.15 0.00	30.05 1.59 0.00	31.89 1.75 0.00	32.04 1.58 0.00	31.89 1.63 0.00	28.08 1.41 0.00	24.59 1.08 0.00	22.66 0.91 0.00
NEG NORTH___PLATTSBURG 23628	19.59 0.46 0.00	18.79 0.42 0.00	18.20 0.46 0.00	18.21 0.53 0.00	18.82 0.64 0.00	21.54 0.89 0.00	25.80 0.60 0.00	30.71 1.41 0.00	31.01 1.28 0.00	29.03 1.62 0.00	28.01 1.51 0.00	27.73 1.39 0.00	26.47 1.21 0.00	25.72 1.04 0.00	24.56 0.92 0.00	24.42 0.98 0.00	26.07 1.15 0.00	30.05 1.59 0.00	31.92 1.78 0.00	32.01 1.55 0.00	31.56 1.30 0.00	28.08 1.41 0.00	24.59 1.08 0.00	22.66 0.91 0.00
NEG WEST_LEA_LOCKPORT 23791	18.96 -0.17 0.00	18.31 -0.06 0.00	17.71 -0.04 0.00	17.66 -0.02 0.00	18.22 0.04 0.00	20.82 0.17 0.00	25.29 0.10 0.00	28.95 -0.35 0.00	29.53 -0.21 0.00	27.05 -0.36 0.00	26.07 -0.42 0.00	25.96 -0.37 0.00	24.85 -0.40 0.00	24.21 -0.47 0.00	22.98 -0.66 0.00	22.73 -0.70 0.00	23.85 -1.07 0.00	26.92 -1.54 0.00	28.97 -1.18 0.00	30.03 -0.43 0.00	29.56 -0.70 0.00	26.38 -0.29 0.00	23.08 -0.42 0.00	21.57 -0.17 0.00
NEG WEST___LANCASTR 23811	19.63 0.50 0.00	19.01 0.64 0.00	18.35 0.60 0.00	18.28 0.60 0.00	18.85 0.67 0.00	21.58 0.93 0.00	26.43 1.23 0.00	30.12 0.82 0.00	30.75 1.01 0.00	28.20 0.79 0.00	27.13 0.64 0.00	27.04 0.71 0.00	25.84 0.58 0.00	25.18 0.49 0.00	23.92 0.28 0.00	23.60 0.16 0.00	24.82 -0.10 0.00	28.12 -0.34 0.00	30.20 0.06 0.00	31.34 0.88 0.00	30.65 0.39 0.00	27.44 0.77 0.00	24.00 0.49 0.00	22.55 0.80 0.00
NEG_PENN_ALLEGHNY 23528	19.36 0.23 0.00	18.63 0.26 0.00	17.99 0.25 0.00	17.91 0.23 0.00	18.44 0.25 0.00	21.00 0.35 0.00	25.72 0.53 0.00	29.86 0.56 0.00	30.81 1.07 0.00	28.34 0.93 0.00	27.32 0.82 0.00	27.12 0.79 0.00	25.99 0.73 0.00	25.37 0.69 0.00	24.25 0.61 0.00	24.02 0.59 0.00	25.45 0.52 0.00	28.97 0.51 0.00	30.86 0.72 0.00	31.64 1.19 0.00	31.41 1.15 0.00	27.44 0.77 0.00	24.26 0.75 0.00	22.53 0.78 0.00
NEG___GEN_MONROE 24207	19.04 -0.10 0.00	18.33 -0.04 0.00	17.71 -0.04 0.00	17.68 0.00 0.00	18.24 0.05 0.00	20.86 0.21 0.00	25.39 0.20 0.00	29.27 -0.03 0.00	29.74 0.00 0.00	27.27 -0.14 0.00	26.31 -0.19 0.00	26.12 -0.21 0.00	24.98 -0.28 0.00	24.39 -0.30 0.00	23.19 -0.45 0.00	22.99 -0.45 0.00	24.25 -0.67 0.00	27.46 -1.00 0.00	29.45 -0.69 0.00	30.31 -0.15 0.00	29.93 -0.33 0.00	26.59 -0.08 0.00	23.29 -0.21 0.00	21.70 -0.04 0.00
NEPA___ENERGY 23901	19.51 0.38 0.00	18.90 0.53 0.00	18.24 0.50 0.00	18.17 0.49 0.00	18.75 0.56 0.00	21.46 0.81 0.00	26.33 1.13 0.00	30.06 0.76 0.00	30.66 0.92 0.00	28.15 0.74 0.00	27.05 0.56 0.00	26.94 0.61 0.00	25.73 0.48 0.00	25.08 0.39 0.00	23.83 0.19 0.00	23.50 0.07 0.00	24.72 -0.20 0.00	28.03 -0.43 0.00	30.11 -0.03 0.00	31.25 0.79 0.00	30.53 0.27 0.00	27.36 0.69 0.00	23.95 0.45 0.00	22.44 0.70 0.00
NEVERSINK___HYD 23608	19.97 0.84 0.00	19.18 0.81 0.00	18.47 0.73 0.00	18.40 0.73 0.00	18.89 0.71 0.00	21.40 0.74 0.00	26.20 1.01 0.00	30.65 1.35 0.00	31.22 1.49 0.00	28.81 1.40 0.00	27.90 1.40 0.00	27.70 1.37 0.00	26.67 1.41 0.00	26.06 1.38 0.00	24.94 1.30 0.00	24.72 1.29 0.00	26.27 1.34 0.00	30.05 1.59 0.00	31.86 1.72 0.00	32.47 2.01 0.00	32.20 1.94 0.00	27.98 1.31 0.00	24.63 1.13 0.00	22.66 0.91 0.00

NEWKRMKL_115KV_TB1 55635	19.74 0.61 0.00	18.94 0.57 0.00	18.31 0.57 0.00	18.24 0.57 0.00	18.76 0.58 0.00	21.29 0.64 0.00	25.95 0.76 0.00	30.12 0.82 0.00	30.63 0.89 0.00	28.18 0.77 0.00	27.27 0.77 0.00	27.10 0.76 0.00	26.01 0.76 0.00	25.42 0.74 0.00	24.40 0.76 0.00	24.16 0.73 0.00	25.70 0.77 0.00	29.31 0.85 0.00	31.11 0.96 0.00	31.62 1.16 0.00	31.17 0.91 0.00	27.42 0.75 0.00	24.21 0.71 0.00	22.38 0.63 0.00
NEWTON___FALLS_HYD 23847	18.69 -0.44 0.00	17.91 -0.46 0.00	17.28 -0.46 0.00	17.24 -0.44 0.00	17.78 -0.40 0.00	20.28 -0.37 0.00	24.69 -0.50 0.00	29.07 -0.23 0.00	29.26 -0.48 0.00	26.89 -0.52 0.00	25.91 -0.58 0.00	25.73 -0.61 0.00	24.57 -0.68 0.00	24.02 -0.67 0.00	22.98 -0.66 0.00	22.78 -0.66 0.00	24.35 -0.57 0.00	27.94 -0.51 0.00	29.48 -0.66 0.00	29.67 -0.79 0.00	29.62 -0.64 0.00	26.22 -0.45 0.00	23.04 -0.47 0.00	21.36 -0.39 0.00
NGRID_A1_DSASP 323792	18.50 -0.63 0.00	17.89 -0.48 0.00	17.30 -0.44 0.00	17.25 -0.42 0.00	17.78 -0.40 0.00	20.30 -0.35 0.00	24.59 -0.60 0.00	28.22 -1.08 0.00	28.61 -1.13 0.00	26.20 -1.21 0.00	25.25 -1.24 0.00	25.20 -1.13 0.00	23.94 -1.31 0.00	23.35 -1.33 0.00	22.32 -1.32 0.00	22.10 -1.33 0.00	23.08 -1.84 0.00	26.10 -2.36 0.00	28.00 -2.14 0.00	28.78 -1.68 0.00	28.96 -1.30 0.00	25.36 -1.31 0.00	22.52 -0.99 0.00	21.05 -0.70 0.00
NGRID_A2_DSASP 323793	18.50 -0.63 0.00	17.89 -0.48 0.00	17.30 -0.44 0.00	17.25 -0.42 0.00	17.78 -0.40 0.00	20.30 -0.35 0.00	24.59 -0.60 0.00	28.22 -1.08 0.00	28.61 -1.13 0.00	26.20 -1.21 0.00	25.25 -1.24 0.00	25.20 -1.13 0.00	23.94 -1.31 0.00	23.35 -1.33 0.00	22.32 -1.32 0.00	22.10 -1.33 0.00	23.08 -1.84 0.00	26.10 -2.36 0.00	28.00 -2.14 0.00	28.78 -1.68 0.00	28.96 -1.30 0.00	25.36 -1.31 0.00	22.52 -0.99 0.00	21.05 -0.70 0.00
NGRID_A4_DSASP 323807	18.50 -0.63 0.00	17.89 -0.48 0.00	17.30 -0.44 0.00	17.25 -0.42 0.00	17.78 -0.40 0.00	20.30 -0.35 0.00	24.59 -0.60 0.00	28.22 -1.08 0.00	28.61 -1.13 0.00	26.20 -1.21 0.00	25.25 -1.24 0.00	25.20 -1.13 0.00	23.94 -1.31 0.00	23.35 -1.33 0.00	22.32 -1.32 0.00	22.10 -1.33 0.00	23.08 -1.84 0.00	26.10 -2.36 0.00	28.00 -2.14 0.00	28.78 -1.68 0.00	28.96 -1.30 0.00	25.36 -1.31 0.00	22.52 -0.99 0.00	21.05 -0.70 0.00
NIAGARA_115E_LBMP 323715	18.69 -0.44 0.00	18.06 -0.31 0.00	17.48 -0.27 0.00	17.41 -0.26 0.00	17.96 -0.22 0.00	20.51 -0.14 0.00	24.84 -0.35 0.00	28.51 -0.79 0.00	28.90 -0.83 0.00	26.48 -0.93 0.00	25.52 -0.98 0.00	25.46 -0.87 0.00	24.20 -1.06 0.00	23.57 -1.11 0.00	22.55 -1.09 0.00	22.31 -1.12 0.00	23.30 -1.62 0.00	26.38 -2.08 0.00	28.30 -1.84 0.00	29.09 -1.37 0.00	29.29 -0.97 0.00	25.63 -1.04 0.00	22.75 -0.75 0.00	21.27 -0.48 0.00
NIAGARA_115W_LBMP 323714	18.44 -0.69 0.00	17.84 -0.53 0.00	17.26 -0.48 0.00	17.20 -0.48 0.00	17.73 -0.45 0.00	20.24 -0.41 0.00	24.51 -0.68 0.00	28.13 -1.17 0.00	28.52 -1.22 0.00	26.12 -1.29 0.00	25.20 -1.30 0.00	25.12 -1.21 0.00	23.89 -1.36 0.00	23.28 -1.41 0.00	22.27 -1.37 0.00	22.03 -1.41 0.00	23.01 -1.92 0.00	26.04 -2.42 0.00	27.94 -2.20 0.00	28.69 -1.77 0.00	28.87 -1.39 0.00	25.28 -1.39 0.00	22.45 -1.06 0.00	20.99 -0.76 0.00
NIAGARA_230_LBMP 323716	18.73 -0.40 0.00	18.11 -0.26 0.00	17.51 -0.23 0.00	17.45 -0.23 0.00	18.00 -0.18 0.00	20.55 -0.10 0.00	24.92 -0.28 0.00	28.60 -0.70 0.00	28.96 -0.77 0.00	26.53 -0.88 0.00	25.60 -0.90 0.00	25.52 -0.82 0.00	24.27 -0.99 0.00	23.65 -1.04 0.00	22.62 -1.02 0.00	22.38 -1.05 0.00	23.40 -1.52 0.00	26.49 -1.96 0.00	28.43 -1.72 0.00	29.21 -1.25 0.00	29.35 -0.91 0.00	25.71 -0.96 0.00	22.82 -0.68 0.00	21.33 -0.41 0.00
NIAGARA___115KV_198_GIBSON 55903	18.44 -0.69 0.00	17.84 -0.53 0.00	17.26 -0.48 0.00	17.20 -0.48 0.00	17.73 -0.45 0.00	20.24 -0.41 0.00	24.56 -0.63 0.00	28.13 -1.17 0.00	28.67 -1.07 0.00	26.26 -1.15 0.00	25.31 -1.19 0.00	25.23 -1.11 0.00	24.17 -1.09 0.00	23.55 -1.14 0.00	22.36 -1.28 0.00	22.10 -1.34 0.00	23.20 -1.72 0.00	26.18 -2.28 0.00	28.15 -1.99 0.00	29.15 -1.31 0.00	28.72 -1.54 0.00	25.63 -1.04 0.00	22.45 -1.06 0.00	20.99 -0.76 0.00
NIAGARA____ 23760	18.73 -0.40 0.00	18.11 -0.26 0.00	17.51 -0.23 0.00	17.45 -0.23 0.00	18.00 -0.18 0.00	20.55 -0.10 0.00	24.92 -0.28 0.00	28.60 -0.70 0.00	28.96 -0.77 0.00	26.53 -0.88 0.00	25.60 -0.90 0.00	25.52 -0.82 0.00	24.27 -0.99 0.00	23.65 -1.04 0.00	22.62 -1.02 0.00	22.38 -1.05 0.00	23.40 -1.52 0.00	26.49 -1.96 0.00	28.43 -1.72 0.00	29.21 -1.25 0.00	29.35 -0.91 0.00	25.71 -0.96 0.00	22.82 -0.68 0.00	21.33 -0.41 0.00
NINE_MILE_1 23575	18.54 -0.59 0.00	17.82 -0.55 0.00	17.21 -0.53 0.00	17.15 -0.53 0.00	17.64 -0.54 0.00	20.05 -0.60 0.00	24.46 -0.73 0.00	28.45 -0.85 0.00	28.69 -1.04 0.00	26.45 -0.96 0.00	25.57 -0.93 0.00	25.41 -0.92 0.00	24.32 -0.93 0.00	23.74 -0.94 0.00	22.74 -0.90 0.00	22.54 -0.89 0.00	24.00 -0.92 0.00	27.40 -1.05 0.00	29.09 -1.06 0.00	29.48 -0.98 0.00	29.35 -0.91 0.00	25.79 -0.88 0.00	22.75 -0.75 0.00	21.12 -0.63 0.00
NINE_MILE_2 23744	18.54 -0.59 0.00	17.82 -0.55 0.00	17.21 -0.53 0.00	17.15 -0.53 0.00	17.64 -0.54 0.00	20.05 -0.60 0.00	24.46 -0.73 0.00	28.45 -0.85 0.00	28.69 -1.04 0.00	26.45 -0.96 0.00	25.57 -0.93 0.00	25.41 -0.92 0.00	24.32 -0.93 0.00	23.74 -0.94 0.00	22.74 -0.90 0.00	22.57 -0.87 0.00	24.00 -0.92 0.00	27.40 -1.05 0.00	29.12 -1.02 0.00	29.51 -0.94 0.00	29.35 -0.91 0.00	25.79 -0.88 0.00	22.75 -0.75 0.00	21.12 -0.63 0.00
NM_CAPITAL___DRP 24208	19.69 0.55 0.00	18.88 0.51 0.00	18.24 0.50 0.00	18.17 0.49 0.00	18.69 0.51 0.00	21.21 0.56 0.00	25.85 0.66 0.00	29.98 0.67 0.00	30.48 0.74 0.00	28.04 0.63 0.00	27.13 0.64 0.00	26.96 0.63 0.00	25.89 0.63 0.00	25.30 0.62 0.00	24.28 0.64 0.00	24.06 0.63 0.00	25.60 0.67 0.00	29.20 0.74 0.00	30.96 0.81 0.00	31.46 1.01 0.00	31.05 0.79 0.00	27.31 0.64 0.00	24.09 0.59 0.00	22.29 0.54 0.00
NM_CENTRAL___DRP 24181	18.88 -0.25 0.00	18.15 -0.22 0.00	17.53 -0.21 0.00	17.47 -0.21 0.00	17.98 -0.20 0.00	20.45 -0.21 0.00	24.99 -0.20 0.00	29.04 -0.26 0.00	29.32 -0.42 0.00	27.00 -0.41 0.00	26.10 -0.40 0.00	25.94 -0.39 0.00	24.85 -0.40 0.00	24.26 -0.42 0.00	23.22 -0.43 0.00	23.01 -0.42 0.00	24.45 -0.47 0.00	27.89 -0.57 0.00	29.66 -0.48 0.00	30.15 -0.30 0.00	29.84 -0.42 0.00	26.32 -0.35 0.00	23.15 -0.35 0.00	21.49 -0.26 0.00
NM_FRONTIER___DRP 24179	18.44 -0.69 0.00	17.84 -0.53 0.00	17.26 -0.48 0.00	17.20 -0.48 0.00	17.73 -0.45 0.00	20.24 -0.41 0.00	24.56 -0.63 0.00	28.13 -1.17 0.00	28.67 -1.07 0.00	26.26 -1.15 0.00	25.31 -1.19 0.00	25.23 -1.11 0.00	24.17 -1.09 0.00	23.55 -1.14 0.00	22.36 -1.28 0.00	22.10 -1.34 0.00	23.20 -1.72 0.00	26.18 -2.28 0.00	28.15 -1.99 0.00	29.15 -1.31 0.00	28.72 -1.54 0.00	25.63 -1.04 0.00	22.45 -1.06 0.00	20.99 -0.76 0.00

NM_ST_REGIS___HYD 24053	18.71 -0.42 0.00	17.95 -0.42 0.00	17.33 -0.41 0.00	17.31 -0.37 0.00	17.85 -0.33 0.00	20.39 -0.27 0.00	24.71 -0.48 0.00	29.19 -0.12 0.00	29.38 -0.36 0.00	27.16 -0.25 0.00	26.21 -0.29 0.00	25.99 -0.34 0.00	24.85 -0.40 0.00	24.29 -0.39 0.00	23.22 -0.43 0.00	23.03 -0.40 0.00	24.58 -0.35 0.00	28.20 -0.26 0.00	29.72 -0.42 0.00	29.76 -0.70 0.00	29.87 -0.39 0.00	26.32 -0.35 0.00	23.13 -0.38 0.00	21.36 -0.39 0.00
NORTHPORT___1 23551	20.24 1.11 0.00	19.27 0.90 0.00	18.59 0.85 0.00	18.51 0.83 0.00	19.00 0.82 0.00	21.67 1.01 0.00	26.17 0.98 0.00	30.44 1.14 0.00	31.25 1.52 0.00	29.31 1.89 -0.01	31.15 1.62 -3.04	31.05 1.61 -3.11	30.32 1.69 -3.38	30.27 1.68 -3.91	29.80 1.61 -4.55	30.32 1.55 -5.34	30.77 1.62 -4.22	31.38 1.99 -0.93	32.83 1.69 -1.00	32.48 2.01 -0.01	32.18 1.91 -0.01	31.29 1.63 -3.00	28.56 1.51 -3.55	23.06 1.30 -0.01
NORTHPORT___2 23552	20.24 1.11 0.00	19.27 0.90 0.00	18.59 0.85 0.00	18.51 0.83 0.00	19.00 0.82 0.00	21.67 1.01 0.00	26.17 0.98 0.00	30.44 1.14 0.00	31.25 1.52 0.00	29.31 1.89 -0.01	31.15 1.62 -3.04	31.05 1.61 -3.11	30.32 1.69 -3.38	30.27 1.68 -3.91	29.80 1.61 -4.55	30.32 1.55 -5.34	30.77 1.62 -4.22	31.38 1.99 -0.93	32.83 1.69 -1.00	32.48 2.01 -0.01	32.18 1.91 -0.01	31.29 1.63 -3.00	28.56 1.51 -3.55	23.06 1.30 -0.01
NORTHPORT___3 23553	19.99 0.86 0.00	19.03 0.66 0.00	18.35 0.60 0.00	18.28 0.60 0.00	18.76 0.58 0.00	21.38 0.72 0.00	25.87 0.68 0.00	29.80 0.50 0.00	30.63 0.89 0.00	28.90 1.48 -0.01	30.81 1.27 -3.04	30.76 1.32 -3.11	30.12 1.49 -3.38	30.07 1.48 -3.91	29.68 1.49 -4.55	30.15 1.38 -5.34	30.52 1.37 -4.22	30.92 1.54 -0.93	33.22 2.08 -1.00	32.68 2.47 0.25	32.60 2.33 -0.01	30.81 1.15 -3.00	28.25 1.20 -3.55	22.78 1.02 -0.01
NORTHPORT___4 23650	19.99 0.86 0.00	19.03 0.66 0.00	18.35 0.60 0.00	18.28 0.60 0.00	18.76 0.58 0.00	21.38 0.72 0.00	25.87 0.68 0.00	29.80 0.50 0.00	30.63 0.89 0.00	28.90 1.48 -0.01	30.81 1.27 -3.04	30.76 1.32 -3.11	30.12 1.49 -3.38	30.07 1.48 -3.91	29.68 1.49 -4.55	30.15 1.38 -5.34	30.52 1.37 -4.22	30.92 1.54 -0.93	33.22 2.08 -1.00	32.68 2.47 0.25	32.60 2.33 -0.01	30.81 1.15 -3.00	28.25 1.20 -3.55	22.78 1.02 -0.01
NORTHPORT___IC 23718	20.24 1.11 0.00	19.27 0.90 0.00	18.59 0.85 0.00	18.51 0.83 0.00	19.00 0.82 0.00	21.67 1.01 0.00	26.30 1.11 0.00	30.50 1.20 0.00	31.34 1.61 0.00	29.31 1.89 -0.01	31.15 1.62 -3.04	31.07 1.63 -3.11	30.27 1.64 -3.38	30.19 1.60 -3.91	29.78 1.58 -4.55	30.32 1.55 -5.34	30.77 1.62 -4.22	31.38 1.99 -0.93	32.87 1.72 -1.00	32.45 1.98 -0.01	31.78 1.51 -0.01	31.21 1.55 -3.00	28.56 1.50 -3.55	23.06 1.30 -0.01
NORTH___COUNTRY_ESR 323785	19.27 0.13 0.00	18.50 0.13 0.00	17.94 0.20 0.00	17.93 0.25 0.00	18.51 0.33 0.00	21.17 0.52 0.00	25.47 0.28 0.00	29.89 0.59 0.00	30.27 0.54 0.00	28.18 0.77 0.00	27.19 0.69 0.00	26.94 0.61 0.00	25.73 0.48 0.00	25.08 0.39 0.00	23.97 0.33 0.00	23.78 0.35 0.00	25.37 0.45 0.00	29.17 0.71 0.00	30.90 0.75 0.00	30.92 0.46 0.00	30.56 0.30 0.00	27.23 0.56 0.00	23.90 0.40 0.00	22.05 0.30 0.00
NPX_GEN_1385_PROXY 323591	20.18 1.05 0.00	19.21 0.85 0.00	18.59 0.85 0.00	18.51 0.83 0.00	19.00 0.82 0.00	21.67 1.01 0.00	26.17 0.98 0.00	30.89 1.05 -0.53	30.55 1.34 0.53	29.15 1.73 -0.01	30.70 1.16 -3.04	30.44 1.00 -3.11	28.90 0.93 -2.71	28.59 0.94 -2.97	29.16 0.97 -4.55	29.64 0.87 -5.34	30.17 1.02 -4.22	30.98 1.59 -0.93	32.57 1.48 -0.95	32.47 1.95 -0.06	32.09 1.82 -0.01	31.13 1.47 -3.00	28.32 1.27 -3.55	22.98 1.22 -0.01
NPX_GEN_CSC 323557	20.51 1.38 0.00	19.49 1.12 0.00	18.79 1.05 0.00	18.72 1.04 0.00	19.22 1.04 0.00	21.96 1.30 0.00	26.17 0.98 0.00	31.18 1.35 -0.53	30.90 1.69 0.53	29.50 2.08 -0.01	31.31 1.78 -3.04	31.18 1.74 -3.11	30.45 1.82 -3.38	30.27 1.68 -3.91	29.78 1.58 -4.55	30.34 1.57 -5.34	30.82 1.67 -4.22	31.54 2.14 -0.95	33.46 2.23 -1.08	38.31 2.68 -5.17	32.97 2.57 -0.14	31.64 1.97 -3.00	28.86 1.81 -3.55	23.28 1.52 -0.01
NSINS_S_GLNS_FALLS 23858	19.73 0.59 0.00	18.88 0.51 0.00	18.27 0.53 0.00	18.23 0.55 0.00	18.78 0.60 0.00	21.36 0.70 0.00	26.13 0.93 0.00	30.36 1.05 0.00	30.84 1.10 0.00	28.31 0.90 0.00	27.40 0.90 0.00	27.20 0.87 0.00	26.09 0.83 0.00	25.45 0.77 0.00	24.37 0.73 0.00	24.14 0.70 0.00	25.67 0.75 0.00	29.28 0.83 0.00	31.17 1.02 0.00	31.65 1.19 0.00	31.32 1.06 0.00	27.50 0.83 0.00	24.19 0.68 0.00	22.31 0.57 0.00
NUCOR_STEEL___DRP 24197	19.15 0.02 0.00	18.42 0.06 0.00	17.80 0.05 0.00	17.73 0.05 0.00	18.24 0.05 0.00	20.78 0.12 0.00	25.42 0.23 0.00	29.54 0.23 0.00	29.68 -0.06 0.00	27.38 -0.03 0.00	26.42 -0.08 0.00	26.23 -0.11 0.00	25.10 -0.15 0.00	24.51 -0.17 0.00	23.40 -0.24 0.00	23.22 -0.21 0.00	24.70 -0.22 0.00	28.17 -0.28 0.00	29.99 -0.15 0.00	30.49 0.03 0.00	30.20 -0.06 0.00	26.64 -0.03 0.00	23.41 -0.09 0.00	21.75 0.00 0.00
NUMBER_THREE_WT_PWR 323818	19.13 0.00 0.00	18.31 -0.05 0.00	17.69 -0.05 0.00	17.62 -0.05 0.00	18.18 0.00 0.00	20.72 0.06 0.00	25.35 0.15 0.00	29.74 0.44 0.00	29.97 0.24 0.00	27.46 0.05 0.00	26.44 -0.05 0.00	26.25 -0.08 0.00	25.08 -0.18 0.00	24.48 -0.20 0.00	23.45 -0.19 0.00	23.27 -0.16 0.00	24.90 -0.02 0.00	28.57 0.11 0.00	30.02 -0.12 0.00	30.37 -0.09 0.00	30.17 -0.09 0.00	26.67 0.00 0.00	23.51 0.00 0.00	21.92 0.17 0.00
NYISO_LBMP_REFERENCE 24008	19.13 0.00 0.00	18.37 0.00 0.00	17.74 0.00 0.00	17.68 0.00 0.00	18.18 0.00 0.00	20.65 0.00 0.00	25.19 0.00 0.00	29.30 0.00 0.00	29.74 0.00 0.00	27.41 0.00 0.00	26.50 0.00 0.00	26.33 0.00 0.00	25.26 0.00 0.00	24.68 0.00 0.00	23.64 0.00 0.00	23.43 0.00 0.00	24.92 0.00 0.00	28.46 0.00 0.00	30.14 0.00 0.00	30.46 0.00 0.00	30.26 0.00 0.00	26.67 0.00 0.00	23.51 0.00 0.00	21.75 0.00 0.00
NYPA_BRENTWD____GT 24164	20.53 1.40 0.00	19.51 1.14 0.00	18.82 1.08 0.00	18.74 1.06 0.00	19.24 1.05 0.00	21.98 1.32 0.00	26.55 1.36 0.00	30.94 1.64 0.00	31.79 2.05 0.00	29.80 2.38 -0.01	31.71 2.17 -3.04	31.60 2.16 -3.11	30.85 2.22 -3.38	30.79 2.20 -3.91	30.30 2.10 -4.55	30.84 2.06 -5.34	31.32 2.17 -4.22	31.95 2.56 -0.93	33.66 2.50 -1.02	33.81 2.83 -0.52	33.01 2.72 -0.02	31.82 2.16 -3.00	29.00 1.95 -3.55	23.43 1.67 -0.01
NYPA_GOWANUS____GT5 24156	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00

NYPA_GOWANUS____GT6 24157	20.05 0.92 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.42 1.11 0.00	31.04 1.31 0.00	28.83 1.42 0.00	27.82 1.32 0.00	27.73 1.39 0.00	26.90 1.64 0.00	26.34 1.65 0.00	25.25 1.61 0.00	24.95 1.52 0.00	26.50 1.57 0.00	30.31 1.85 0.00	32.04 1.90 0.00	32.53 2.07 0.00	32.20 1.94 0.00	27.87 1.20 0.00	24.61 1.11 0.00	22.55 0.81 0.00
NYPA_HARLEM__RVR__GT1 24160	20.03 0.90 0.00	19.14 0.77 0.00	18.49 0.75 0.00	18.42 0.74 0.00	18.80 0.62 0.00	21.03 0.37 0.00	25.66 0.48 0.01	30.14 0.85 0.01	30.77 1.04 0.01	28.55 1.15 0.01	27.52 1.03 0.01	27.44 1.11 0.00	26.64 1.39 0.00	26.11 1.43 0.00	25.01 1.37 0.00	24.74 1.31 0.00	26.24 1.32 0.00	29.85 1.39 0.00	31.68 1.54 0.00	32.12 1.67 0.01	31.79 1.54 0.01	27.58 0.91 0.00	24.45 0.94 0.00	22.44 0.70 0.00
NYPA_HARLEM__RVR__GT2 24161	20.03 0.90 0.00	19.14 0.77 0.00	18.49 0.75 0.00	18.42 0.74 0.00	18.80 0.62 0.00	21.03 0.37 0.00	25.66 0.48 0.01	30.14 0.85 0.01	30.77 1.04 0.01	28.55 1.15 0.01	27.52 1.03 0.01	27.44 1.11 0.00	26.64 1.39 0.00	26.11 1.43 0.00	25.01 1.37 0.00	24.74 1.31 0.00	26.24 1.32 0.00	29.85 1.39 0.00	31.68 1.54 0.00	32.12 1.67 0.01	31.79 1.54 0.01	27.58 0.91 0.00	24.45 0.94 0.00	22.44 0.70 0.00
NYPA_KENT____GT 24152	20.03 0.90 0.00	19.18 0.81 0.00	18.50 0.76 0.00	18.40 0.73 0.00	18.85 0.67 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.39 1.08 0.00	31.04 1.31 0.00	28.81 1.40 0.00	27.80 1.30 0.00	27.70 1.37 0.00	26.85 1.59 0.00	26.29 1.60 0.00	25.20 1.56 0.00	24.93 1.50 0.00	26.44 1.52 0.00	30.22 1.76 0.00	31.95 1.81 0.00	32.47 2.01 0.00	32.14 1.88 0.00	27.81 1.15 0.00	24.59 1.08 0.00	22.53 0.78 0.00
NYPA_POUCH1____GT 24155	20.05 0.92 0.00	19.16 0.79 0.00	18.49 0.75 0.00	18.39 0.71 0.00	18.84 0.65 0.00	21.09 0.43 0.00	25.80 0.60 0.00	30.30 1.00 0.00	30.93 1.19 0.00	28.72 1.32 0.00	27.72 1.22 0.00	27.62 1.29 0.00	26.82 1.57 0.00	26.26 1.58 0.00	25.18 1.54 0.00	24.91 1.48 0.00	26.44 1.52 0.00	30.28 1.82 0.00	32.01 1.87 0.00	32.50 2.04 0.00	32.17 1.91 0.00	27.84 1.17 0.00	24.59 1.08 0.00	22.55 0.81 0.00
NYPA_VERNON____GT2 24162	20.01 0.88 0.00	19.16 0.79 0.00	18.49 0.75 0.00	18.40 0.73 0.00	18.84 0.65 0.00	21.17 0.52 0.00	25.90 0.70 0.00	30.39 1.08 0.00	31.04 1.31 0.00	28.78 1.37 0.00	27.80 1.30 0.00	27.67 1.34 0.00	26.82 1.57 0.00	26.26 1.58 0.00	25.16 1.51 0.00	24.89 1.45 0.00	26.39 1.47 0.00	30.14 1.68 0.00	31.89 1.75 0.00	32.38 1.92 0.00	32.08 1.82 0.00	27.79 1.12 0.00	24.56 1.06 0.00	22.51 0.76 0.00
NYPA_VERNON____GT3 24163	20.01 0.88 0.00	19.16 0.79 0.00	18.49 0.75 0.00	18.40 0.73 0.00	18.84 0.65 0.00	21.17 0.52 0.00	25.90 0.70 0.00	30.39 1.08 0.00	31.04 1.31 0.00	28.78 1.37 0.00	27.80 1.30 0.00	27.67 1.34 0.00	26.82 1.57 0.00	26.26 1.58 0.00	25.16 1.51 0.00	24.89 1.45 0.00	26.39 1.47 0.00	30.14 1.68 0.00	31.89 1.75 0.00	32.38 1.92 0.00	32.08 1.82 0.00	27.79 1.12 0.00	24.56 1.06 0.00	22.51 0.76 0.00
NYPA__ASTORIA_CC1 323568	20.01 0.88 0.00	19.14 0.77 0.00	18.49 0.75 0.00	18.39 0.71 0.00	18.84 0.65 0.00	21.13 0.48 0.00	25.85 0.65 0.00	30.33 1.03 0.00	30.98 1.25 0.00	28.72 1.32 0.00	27.72 1.22 0.00	27.62 1.29 0.00	26.77 1.52 0.00	26.21 1.53 0.00	25.13 1.49 0.00	24.84 1.41 0.00	26.37 1.45 0.00	30.08 1.62 0.00	31.83 1.69 0.00	32.32 1.86 0.00	32.01 1.75 0.00	27.74 1.07 0.00	24.52 1.01 0.00	22.49 0.74 0.00
NYPA__ASTORIA_CC2 323569	20.01 0.88 0.00	19.14 0.77 0.00	18.49 0.75 0.00	18.39 0.71 0.00	18.84 0.65 0.00	21.13 0.48 0.00	25.85 0.65 0.00	30.33 1.03 0.00	30.98 1.25 0.00	28.72 1.32 0.00	27.72 1.22 0.00	27.62 1.29 0.00	26.77 1.52 0.00	26.21 1.53 0.00	25.13 1.49 0.00	24.84 1.41 0.00	26.37 1.45 0.00	30.08 1.62 0.00	31.83 1.69 0.00	32.32 1.86 0.00	32.01 1.75 0.00	27.74 1.07 0.00	24.52 1.01 0.00	22.49 0.74 0.00
NYPA__HOLTSVILL 23794	20.34 1.21 0.00	19.32 0.95 0.00	18.65 0.90 0.00	18.58 0.90 0.00	19.07 0.89 0.00	21.77 1.11 0.00	26.20 1.01 0.00	30.53 1.23 0.00	31.34 1.60 0.00	29.42 2.00 -0.01	31.29 1.75 -3.04	31.20 1.76 -3.11	30.47 1.84 -3.38	30.37 1.78 -3.91	29.90 1.70 -4.55	30.46 1.69 -5.34	30.92 1.77 -4.22	31.54 2.14 -0.95	33.36 2.08 -1.14	38.02 2.44 -5.13	32.70 2.30 -0.14	31.42 1.76 -3.00	28.67 1.62 -3.55	23.15 1.39 -0.01
NYPA____HELLGATE_GT1 24158	20.03 0.90 0.00	19.14 0.77 0.00	18.49 0.75 0.00	18.42 0.74 0.00	18.80 0.62 0.00	21.03 0.37 0.00	25.66 0.48 0.01	30.14 0.85 0.01	30.77 1.04 0.01	28.55 1.15 0.01	27.52 1.03 0.01	27.44 1.11 0.00	26.64 1.39 0.00	26.11 1.43 0.00	25.01 1.37 0.00	24.74 1.31 0.00	26.24 1.32 0.00	29.85 1.39 0.00	31.68 1.54 0.00	32.12 1.67 0.01	31.79 1.54 0.01	27.58 0.91 0.00	24.45 0.94 0.00	22.44 0.70 0.00
NYPA____HELLGATE_GT2 24159	20.03 0.90 0.00	19.14 0.77 0.00	18.49 0.75 0.00	18.42 0.74 0.00	18.80 0.62 0.00	21.03 0.37 0.00	25.66 0.48 0.01	30.14 0.85 0.01	30.77 1.04 0.01	28.55 1.15 0.01	27.52 1.03 0.01	27.44 1.11 0.00	26.64 1.39 0.00	26.11 1.43 0.00	25.01 1.37 0.00	24.74 1.31 0.00	26.24 1.32 0.00	29.85 1.39 0.00	31.68 1.54 0.00	32.12 1.67 0.01	31.79 1.54 0.01	27.58 0.91 0.00	24.45 0.94 0.00	22.44 0.70 0.00
NYS_BARGE__HYD 23848	18.96 -0.17 0.00	18.31 -0.05 0.00	17.71 -0.04 0.00	17.66 -0.02 0.00	18.20 0.02 0.00	20.82 0.16 0.00	25.22 0.03 0.00	28.98 -0.32 0.00	29.38 -0.36 0.00	26.92 -0.49 0.00	25.94 -0.56 0.00	25.86 -0.47 0.00	24.57 -0.68 0.00	23.94 -0.74 0.00	22.88 -0.76 0.00	22.66 -0.77 0.00	23.68 -1.25 0.00	26.78 -1.68 0.00	28.76 -1.39 0.00	29.57 -0.88 0.00	29.75 -0.51 0.00	26.03 -0.64 0.00	23.08 -0.42 0.00	21.57 -0.17 0.00
OAK ORCHARD__HYD 24046	18.94 -0.19 0.00	18.22 -0.15 0.00	17.60 -0.14 0.00	17.54 -0.14 0.00	18.09 -0.09 0.00	20.65 0.00 0.00	25.12 -0.08 0.00	29.10 -0.20 0.00	29.47 -0.27 0.00	27.08 -0.33 0.00	26.18 -0.32 0.00	26.04 -0.29 0.00	24.80 -0.45 0.00	24.16 -0.52 0.00	23.12 -0.52 0.00	22.94 -0.49 0.00	24.18 -0.75 0.00	27.40 -1.05 0.00	29.30 -0.84 0.00	29.91 -0.55 0.00	29.96 -0.30 0.00	26.27 -0.40 0.00	23.20 -0.31 0.00	21.57 -0.17 0.00
OAKDALE__35_KV_LOAD 356122	19.34 0.21 0.00	18.63 0.26 0.00	17.97 0.23 0.00	17.91 0.23 0.00	18.42 0.24 0.00	20.98 0.33 0.00	25.72 0.53 0.00	29.77 0.47 0.00	30.84 1.10 0.00	28.40 0.99 0.00	27.35 0.85 0.00	27.18 0.84 0.00	26.04 0.78 0.00	25.40 0.72 0.00	24.30 0.66 0.00	24.02 0.59 0.00	25.50 0.57 0.00	29.05 0.60 0.00	30.96 0.81 0.00	31.74 1.28 0.00	31.08 0.82 0.00	27.58 0.91 0.00	24.23 0.73 0.00	22.53 0.78 0.00

OCC_CHEM___DRP 24175	18.50 -0.63 0.00	17.89 -0.48 0.00	17.30 -0.44 0.00	17.25 -0.42 0.00	17.78 -0.40 0.00	20.30 -0.35 0.00	24.64 -0.55 0.00	28.22 -1.08 0.00	28.75 -0.98 0.00	26.34 -1.07 0.00	25.38 -1.11 0.00	25.31 -1.03 0.00	24.24 -1.01 0.00	23.62 -1.06 0.00	22.41 -1.23 0.00	22.17 -1.27 0.00	23.25 -1.67 0.00	26.24 -2.22 0.00	28.21 -1.93 0.00	29.24 -1.22 0.00	28.81 -1.45 0.00	25.68 -0.99 0.00	22.52 -0.99 0.00	21.05 -0.70 0.00
OH_GEN_PROXY 24063	18.75 -0.38 0.00	18.13 -0.24 0.00	17.53 -0.21 0.00	17.47 -0.21 0.00	18.00 -0.18 0.00	20.57 -0.08 0.00	24.94 -0.25 0.00	29.19 -0.64 -0.53	28.49 -0.71 0.53	26.59 -0.82 0.00	25.65 -0.85 0.00	25.57 -0.76 0.00	24.32 -0.93 0.00	23.69 -0.99 0.00	22.67 -0.97 0.00	22.43 -1.01 0.00	23.48 -1.45 0.00	26.58 -1.88 0.00	28.46 -1.63 0.05	29.35 -1.16 -0.05	29.44 -0.82 0.00	25.76 -0.91 0.00	22.87 -0.63 0.00	21.38 -0.37 0.00
OLIN_CORP_DRP 24177	18.71 -0.42 0.00	18.09 -0.28 0.00	17.49 -0.25 0.00	17.43 -0.25 0.00	17.98 -0.20 0.00	20.53 -0.12 0.00	24.94 -0.25 0.00	28.54 -0.76 0.00	29.11 -0.62 0.00	26.67 -0.74 0.00	25.68 -0.82 0.00	25.60 -0.74 0.00	24.52 -0.73 0.00	23.89 -0.79 0.00	22.67 -0.97 0.00	22.42 -1.01 0.00	23.53 -1.40 0.00	26.55 -1.91 0.00	28.58 -1.57 0.00	29.61 -0.85 0.00	29.14 -1.12 0.00	26.00 -0.67 0.00	22.78 -0.73 0.00	21.29 -0.46 0.00
OLIN_CORP_DSASP 323712	18.50 -0.63 0.00	17.89 -0.48 0.00	17.30 -0.44 0.00	17.25 -0.42 0.00	17.78 -0.40 0.00	20.30 -0.35 0.00	24.59 -0.60 0.00	28.22 -1.08 0.00	28.61 -1.13 0.00	26.20 -1.21 0.00	25.25 -1.24 0.00	25.20 -1.13 0.00	23.94 -1.31 0.00	23.35 -1.33 0.00	22.32 -1.32 0.00	22.10 -1.33 0.00	23.08 -1.84 0.00	26.10 -2.36 0.00	28.00 -2.14 0.00	28.78 -1.68 0.00	28.96 -1.30 0.00	25.36 -1.31 0.00	22.52 -0.99 0.00	21.05 -0.70 0.00
ONEIDA_HERK_LFGE 323681	19.40 0.27 0.00	18.59 0.22 0.00	17.96 0.21 0.00	17.89 0.21 0.00	18.42 0.24 0.00	20.98 0.33 0.00	25.67 0.48 0.00	30.04 0.73 0.00	30.39 0.65 0.00	27.93 0.52 0.00	26.95 0.45 0.00	26.78 0.45 0.00	25.61 0.35 0.00	25.00 0.32 0.00	23.97 0.33 0.00	23.76 0.33 0.00	25.37 0.45 0.00	29.00 0.54 0.00	30.65 0.51 0.00	31.04 0.58 0.00	30.83 0.57 0.00	27.17 0.51 0.00	23.93 0.42 0.00	22.18 0.43 0.00
ONEIDA___115KV_TB4 55905	19.59 0.46 0.00	18.79 0.42 0.00	18.13 0.39 0.00	18.07 0.39 0.00	18.62 0.44 0.00	21.21 0.56 0.00	25.95 0.76 0.00	30.30 1.00 0.00	30.66 0.92 0.00	28.15 0.74 0.00	27.19 0.69 0.00	27.02 0.68 0.00	25.86 0.61 0.00	25.30 0.62 0.00	24.21 0.57 0.00	24.02 0.59 0.00	25.62 0.70 0.00	29.25 0.80 0.00	31.08 0.93 0.00	31.49 1.04 0.00	31.23 0.97 0.00	27.55 0.88 0.00	24.21 0.71 0.00	22.40 0.65 0.00
ONONDAGA_REF_OCCRA 23987	19.00 -0.13 0.00	18.24 -0.13 0.00	17.64 -0.11 0.00	17.55 -0.12 0.00	18.07 -0.11 0.00	20.57 -0.08 0.00	25.17 -0.03 0.00	29.24 -0.06 0.00	29.50 -0.24 0.00	27.16 -0.25 0.00	26.29 -0.21 0.00	26.10 -0.24 0.00	25.00 -0.25 0.00	24.41 -0.27 0.00	23.36 -0.28 0.00	23.15 -0.28 0.00	24.65 -0.27 0.00	28.12 -0.34 0.00	29.90 -0.24 0.00	30.37 -0.09 0.00	30.08 -0.18 0.00	26.54 -0.13 0.00	23.32 -0.19 0.00	21.64 -0.11 0.00
ONONDAGA___COGEN 23986	18.98 -0.15 0.00	18.24 -0.13 0.00	17.62 -0.12 0.00	17.55 -0.12 0.00	18.07 -0.11 0.00	20.57 -0.08 0.00	25.14 -0.05 0.00	29.21 -0.09 0.00	29.44 -0.30 0.00	27.13 -0.27 0.00	26.23 -0.26 0.00	26.07 -0.26 0.00	24.95 -0.30 0.00	24.36 -0.32 0.00	23.31 -0.33 0.00	23.10 -0.33 0.00	24.58 -0.35 0.00	28.03 -0.43 0.00	29.81 -0.33 0.00	30.28 -0.18 0.00	29.99 -0.27 0.00	26.46 -0.21 0.00	23.25 -0.26 0.00	21.60 -0.15 0.00
ONTARIO___LFGE 23819	19.36 0.23 0.00	18.66 0.29 0.00	18.01 0.27 0.00	17.93 0.25 0.00	18.47 0.29 0.00	21.15 0.49 0.00	25.90 0.70 0.00	30.09 0.79 0.00	30.57 0.83 0.00	28.04 0.63 0.00	26.98 0.48 0.00	26.81 0.47 0.00	25.58 0.33 0.00	24.93 0.25 0.00	23.85 0.21 0.00	23.64 0.21 0.00	25.02 0.10 0.00	28.51 0.06 0.00	30.51 0.36 0.00	31.22 0.76 0.00	31.08 0.82 0.00	27.15 0.48 0.00	23.93 0.42 0.00	22.25 0.50 0.00
ORANGEVILLE_WT_PWR 323706	19.15 0.02 0.00	18.53 0.16 0.00	17.90 0.16 0.00	17.84 0.16 0.00	18.40 0.22 0.00	21.04 0.39 0.00	25.55 0.35 0.00	29.33 0.03 0.00	29.74 0.00 0.00	27.25 -0.16 0.00	26.26 -0.24 0.00	26.20 -0.13 0.00	24.90 -0.35 0.00	24.24 -0.44 0.00	23.17 -0.47 0.00	22.92 -0.52 0.00	23.95 -0.97 0.00	27.09 -1.37 0.00	29.06 -1.08 0.00	29.91 -0.55 0.00	29.96 -0.30 0.00	26.16 -0.51 0.00	23.20 -0.31 0.00	21.70 -0.04 0.00
ORANGEVILLE___ESR 323794	19.15 0.02 0.00	18.53 0.16 0.00	17.90 0.16 0.00	17.84 0.16 0.00	18.40 0.22 0.00	21.04 0.39 0.00	25.55 0.35 0.00	29.33 0.03 0.00	29.74 0.00 0.00	27.25 -0.16 0.00	26.26 -0.24 0.00	26.20 -0.13 0.00	24.90 -0.35 0.00	24.24 -0.44 0.00	23.17 -0.47 0.00	22.92 -0.52 0.00	23.95 -0.97 0.00	27.09 -1.37 0.00	29.06 -1.08 0.00	29.91 -0.55 0.00	29.96 -0.30 0.00	26.16 -0.51 0.00	23.20 -0.31 0.00	21.70 -0.04 0.00
OSWEGATCHIE___HYD 24044	18.69 -0.44 0.00	17.91 -0.46 0.00	17.28 -0.46 0.00	17.24 -0.44 0.00	17.78 -0.40 0.00	20.28 -0.37 0.00	24.69 -0.50 0.00	28.98 -0.32 0.00	29.26 -0.48 0.00	26.89 -0.52 0.00	25.91 -0.58 0.00	25.73 -0.60 0.00	24.57 -0.68 0.00	23.99 -0.69 0.00	22.98 -0.66 0.00	22.78 -0.66 0.00	24.35 -0.57 0.00	27.95 -0.51 0.00	29.51 -0.63 0.00	29.67 -0.79 0.00	29.47 -0.79 0.00	26.22 -0.45 0.00	23.04 -0.47 0.00	21.36 -0.39 0.00
OSWEGO___5 23606	18.67 -0.46 0.00	17.95 -0.42 0.00	17.33 -0.41 0.00	17.27 -0.41 0.00	17.78 -0.40 0.00	20.20 -0.45 0.00	24.66 -0.53 0.00	28.69 -0.62 0.00	28.93 -0.80 0.00	26.64 -0.77 0.00	25.73 -0.77 0.00	25.60 -0.74 0.00	24.50 -0.76 0.00	23.92 -0.77 0.00	22.91 -0.73 0.00	22.71 -0.73 0.00	24.15 -0.77 0.00	27.57 -0.88 0.00	29.30 -0.84 0.00	29.70 -0.76 0.00	29.56 -0.69 0.00	25.98 -0.69 0.00	22.89 -0.61 0.00	21.25 -0.50 0.00
OSWEGO___6 23613	18.67 -0.46 0.00	17.95 -0.42 0.00	17.33 -0.41 0.00	17.27 -0.41 0.00	17.78 -0.40 0.00	20.20 -0.45 0.00	24.66 -0.53 0.00	28.69 -0.62 0.00	28.93 -0.80 0.00	26.64 -0.77 0.00	25.73 -0.77 0.00	25.60 -0.74 0.00	24.50 -0.76 0.00	23.92 -0.77 0.00	22.91 -0.73 0.00	22.71 -0.73 0.00	24.15 -0.77 0.00	27.57 -0.88 0.00	29.30 -0.84 0.00	29.70 -0.76 0.00	29.56 -0.69 0.00	25.98 -0.69 0.00	22.89 -0.61 0.00	21.25 -0.50 0.00
OUTOKUMPU-AB___DRP 24206	19.06 -0.08 0.00	18.42 0.06 0.00	17.81 0.07 0.00	17.75 0.07 0.00	18.31 0.13 0.00	20.92 0.27 0.00	25.45 0.25 0.00	29.13 -0.18 0.00	29.74 0.00 0.00	27.24 -0.16 0.00	26.26 -0.24 0.00	26.17 -0.16 0.00	25.05 -0.20 0.00	24.41 -0.27 0.00	23.14 -0.50 0.00	22.87 -0.56 0.00	24.00 -0.92 0.00	27.12 -1.34 0.00	29.15 -0.99 0.00	30.21 -0.24 0.00	29.75 -0.51 0.00	26.54 -0.13 0.00	23.22 -0.28 0.00	21.70 -0.04 0.00

OXBOW___BTM 323836	18.79 -0.34 0.00	18.17 -0.20 0.00	17.56 -0.18 0.00	17.50 -0.18 0.00	18.06 -0.13 0.00	20.63 -0.02 0.00	24.99 -0.20 0.00	28.69 -0.62 0.00	29.11 -0.63 0.00	26.67 -0.74 0.00	25.70 -0.79 0.00	25.65 -0.68 0.00	24.37 -0.88 0.00	23.74 -0.94 0.00	22.69 -0.95 0.00	22.47 -0.96 0.00	23.45 -1.47 0.00	26.55 -1.91 0.00	28.48 -1.66 0.00	29.27 -1.19 0.00	29.47 -0.79 0.00	25.79 -0.88 0.00	22.87 -0.63 0.00	21.38 -0.37 0.00
OXBOW____ 24026	18.79 -0.34 0.00	18.17 -0.20 0.00	17.56 -0.18 0.00	17.50 -0.18 0.00	18.05 -0.13 0.00	20.63 -0.02 0.00	25.04 -0.15 0.00	28.69 -0.62 0.00	29.26 -0.48 0.00	26.81 -0.60 0.00	25.84 -0.66 0.00	25.75 -0.58 0.00	24.67 -0.58 0.00	24.04 -0.64 0.00	22.81 -0.83 0.00	22.54 -0.89 0.00	23.65 -1.27 0.00	26.69 -1.76 0.00	28.73 -1.42 0.00	29.76 -0.70 0.00	29.29 -0.97 0.00	26.14 -0.53 0.00	22.87 -0.63 0.00	21.38 -0.37 0.00
OXY_CHEM_DSASP 323612	18.50 -0.63 0.00	17.89 -0.48 0.00	17.30 -0.44 0.00	17.25 -0.42 0.00	17.78 -0.40 0.00	20.30 -0.35 0.00	24.64 -0.55 0.00	28.22 -1.08 0.00	28.75 -0.98 0.00	26.34 -1.07 0.00	25.38 -1.11 0.00	25.31 -1.03 0.00	24.24 -1.01 0.00	23.62 -1.06 0.00	22.41 -1.23 0.00	22.17 -1.27 0.00	23.25 -1.67 0.00	26.24 -2.22 0.00	28.21 -1.93 0.00	29.24 -1.22 0.00	28.81 -1.45 0.00	25.68 -0.99 0.00	22.52 -0.99 0.00	21.05 -0.70 0.00
OZONE_PARK_ESR 323760	20.07 0.94 0.00	19.23 0.86 0.00	18.56 0.82 0.00	18.46 0.78 0.00	18.93 0.75 0.00	21.34 0.68 0.00	26.15 0.96 0.00	30.53 1.23 0.00	31.31 1.58 0.00	29.05 1.64 0.00	28.03 1.54 0.00	27.94 1.61 0.00	26.97 1.72 0.00	26.36 1.68 0.00	25.30 1.65 0.00	25.03 1.59 0.00	26.57 1.65 0.00	30.42 1.96 0.00	32.22 2.08 0.00	32.62 2.16 0.00	31.98 1.72 0.00	27.90 1.23 0.00	24.75 1.25 0.00	22.66 0.91 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.50 -0.63 0.00	17.89 -0.48 0.00	17.30 -0.44 0.00	17.25 -0.42 0.00	17.78 -0.40 0.00	20.30 -0.35 0.00	24.64 -0.55 0.00	28.22 -1.08 0.00	28.75 -0.98 0.00	26.34 -1.07 0.00	25.38 -1.11 0.00	25.31 -1.03 0.00	24.24 -1.01 0.00	23.62 -1.06 0.00	22.41 -1.23 0.00	22.17 -1.27 0.00	23.25 -1.67 0.00	26.24 -2.22 0.00	28.21 -1.93 0.00	29.24 -1.22 0.00	28.81 -1.45 0.00	25.68 -0.99 0.00	22.52 -0.99 0.00	21.05 -0.70 0.00
PACKARD__115KV_DUPONT_184 80571	18.50 -0.63 0.00	17.89 -0.48 0.00	17.30 -0.44 0.00	17.25 -0.42 0.00	17.78 -0.40 0.00	20.30 -0.35 0.00	24.64 -0.55 0.00	28.22 -1.08 0.00	28.75 -0.98 0.00	26.34 -1.07 0.00	25.38 -1.11 0.00	25.31 -1.03 0.00	24.24 -1.01 0.00	23.62 -1.06 0.00	22.41 -1.23 0.00	22.17 -1.27 0.00	23.25 -1.67 0.00	26.24 -2.22 0.00	28.21 -1.93 0.00	29.24 -1.22 0.00	28.81 -1.45 0.00	25.68 -0.99 0.00	22.52 -0.99 0.00	21.05 -0.70 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.03 0.90 0.00	19.16 0.79 0.00	18.47 0.73 0.00	18.37 0.69 0.00	18.82 0.64 0.00	21.07 0.41 0.00	25.72 0.53 0.00	30.06 0.76 0.00	30.81 1.07 0.00	28.61 1.21 0.00	27.61 1.11 0.00	27.54 1.21 0.00	26.72 1.46 0.00	26.09 1.41 0.00	25.06 1.42 0.00	24.77 1.34 0.00	26.30 1.37 0.00	30.11 1.65 0.00	31.83 1.69 0.00	32.13 1.68 0.00	31.50 1.24 0.00	27.47 0.80 0.00	24.49 0.99 0.00	22.47 0.72 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.17 1.03 0.00	19.29 0.92 0.00	18.61 0.87 0.00	18.53 0.85 0.00	18.98 0.80 0.00	21.21 0.56 0.00	25.90 0.71 0.00	30.27 0.97 0.00	31.01 1.28 0.00	28.75 1.34 0.00	27.69 1.19 0.00	27.62 1.29 0.00	26.77 1.52 0.00	26.16 1.48 0.00	25.08 1.44 0.00	24.81 1.38 0.00	26.32 1.40 0.00	30.16 1.71 0.00	31.89 1.75 0.00	32.22 1.77 0.00	31.59 1.33 0.00	27.52 0.85 0.00	24.56 1.06 0.00	22.51 0.76 0.00
PATROON__115KV_TB1 80586	19.78 0.65 0.00	18.98 0.61 0.00	18.33 0.59 0.00	18.26 0.58 0.00	18.80 0.62 0.00	21.31 0.66 0.00	26.00 0.81 0.00	30.18 0.88 0.00	30.69 0.95 0.00	28.23 0.82 0.00	27.32 0.82 0.00	27.15 0.82 0.00	26.06 0.81 0.00	25.47 0.79 0.00	24.42 0.78 0.00	24.21 0.77 0.00	25.75 0.82 0.00	29.37 0.91 0.00	31.14 0.99 0.00	31.65 1.19 0.00	31.23 0.97 0.00	27.47 0.80 0.00	24.23 0.73 0.00	22.40 0.65 0.00
PATTRSNVILLE__SOLAR 323815	19.65 0.52 0.00	18.85 0.48 0.00	18.20 0.46 0.00	18.16 0.48 0.00	18.67 0.49 0.00	21.21 0.56 0.00	25.95 0.76 0.00	30.12 0.82 0.00	30.57 0.83 0.00	28.07 0.66 0.00	27.13 0.63 0.00	26.94 0.61 0.00	25.86 0.61 0.00	25.27 0.59 0.00	24.21 0.57 0.00	23.99 0.56 0.00	25.55 0.62 0.00	29.17 0.71 0.00	30.99 0.84 0.00	31.52 1.07 0.00	31.32 1.06 0.00	27.39 0.72 0.00	24.14 0.63 0.00	22.29 0.54 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	19.55 0.42 0.00	18.94 0.57 0.00	18.27 0.53 0.00	18.21 0.53 0.00	18.78 0.60 0.00	21.50 0.85 0.00	26.28 1.08 0.00	29.98 0.67 0.00	30.63 0.89 0.00	28.09 0.69 0.00	27.05 0.56 0.00	26.96 0.63 0.00	25.79 0.53 0.00	25.10 0.42 0.00	23.85 0.21 0.00	23.55 0.12 0.00	24.75 -0.17 0.00	28.00 -0.46 0.00	30.08 -0.06 0.00	31.22 0.76 0.00	30.59 0.33 0.00	27.34 0.67 0.00	23.91 0.40 0.00	22.42 0.67 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.03 0.90 0.00	19.23 0.86 0.00	18.54 0.80 0.00	18.49 0.81 0.00	18.95 0.76 0.00	21.40 0.74 0.00	26.18 0.98 0.00	30.50 1.20 0.00	31.16 1.43 0.00	28.83 1.43 0.00	27.90 1.40 0.00	27.75 1.42 0.00	26.80 1.54 0.00	26.19 1.51 0.00	25.06 1.42 0.00	24.86 1.43 0.00	26.34 1.42 0.00	30.11 1.65 0.00	31.92 1.78 0.00	32.32 1.86 0.00	31.83 1.57 0.00	27.90 1.23 0.00	24.61 1.10 0.00	22.60 0.85 0.00
PEEKSKILL____ 23653	19.80 0.67 0.00	18.99 0.62 0.00	18.33 0.58 0.00	18.24 0.57 0.00	18.71 0.53 0.00	21.15 0.49 0.00	25.90 0.70 0.00	30.30 1.00 0.00	30.84 1.10 0.00	28.53 1.12 0.00	27.58 1.09 0.00	27.44 1.11 0.00	26.49 1.24 0.00	25.94 1.26 0.00	24.85 1.21 0.00	24.58 1.15 0.00	26.07 1.15 0.00	29.82 1.37 0.00	31.53 1.39 0.00	32.13 1.67 0.00	31.83 1.57 0.00	27.63 0.96 0.00	24.40 0.89 0.00	22.42 0.67 0.00
PGE MADISON__WINDPWR 24146	20.82 1.68 0.00	19.99 1.62 0.00	19.25 1.51 0.00	19.18 1.50 0.00	19.78 1.60 0.00	22.68 2.03 0.00	27.92 2.72 0.00	32.73 3.43 0.00	32.98 3.24 0.00	30.23 2.82 0.00	28.96 2.46 0.00	28.68 2.34 0.00	27.30 2.04 0.00	26.58 1.90 0.00	25.46 1.82 0.00	25.28 1.85 0.00	27.02 2.09 0.00	30.82 2.36 0.00	33.07 2.92 0.00	33.72 3.26 0.00	33.56 3.30 0.00	29.36 2.69 0.00	25.78 2.28 0.00	23.86 2.11 0.00
PIERCEFIELD__HYD 23852	18.54 -0.59 0.00	17.78 -0.59 0.00	17.17 -0.57 0.00	17.13 -0.55 0.00	17.65 -0.53 0.00	20.14 -0.52 0.00	24.46 -0.73 0.00	28.86 -0.44 0.00	29.08 -0.65 0.00	26.83 -0.58 0.00	25.89 -0.61 0.00	25.70 -0.63 0.00	24.57 -0.68 0.00	24.02 -0.67 0.00	22.98 -0.66 0.00	22.80 -0.63 0.00	24.33 -0.60 0.00	27.86 -0.60 0.00	29.36 -0.78 0.00	29.36 -1.10 0.00	29.50 -0.76 0.00	26.06 -0.61 0.00	22.89 -0.61 0.00	21.14 -0.61 0.00

PINELAWN_CC_1 323563	20.26 1.13 0.00	19.27 0.90 0.00	18.59 0.85 0.00	18.51 0.83 0.00	19.00 0.82 0.00	21.67 1.01 0.00	26.23 1.03 0.00	30.50 1.20 0.00	31.31 1.57 0.00	29.37 1.95 -0.01	31.26 1.72 -3.04	31.15 1.71 -3.11	30.45 1.82 -3.38	30.39 1.80 -3.91	29.94 1.75 -4.55	30.48 1.71 -5.34	30.92 1.77 -4.22	31.49 2.11 -0.93	33.32 2.17 -1.01	33.18 2.50 -0.23	32.67 2.39 -0.02	31.37 1.71 -3.00	28.63 1.58 -3.55	23.11 1.35 -0.01
PJM_GEN_HTP_PROXY 323702	19.90 0.77 0.00	19.07 0.70 0.00	18.42 0.67 0.00	18.31 0.64 0.00	18.78 0.60 0.00	21.17 0.52 0.00	25.92 0.73 0.00	30.95 1.11 -0.53	30.48 1.28 0.53	28.75 1.34 0.00	27.77 1.27 0.00	27.65 1.32 0.00	26.74 1.49 0.00	26.16 1.48 0.00	25.06 1.42 0.00	24.79 1.36 0.00	26.29 1.37 0.00	30.08 1.62 0.00	31.72 1.63 0.05	32.40 1.89 -0.05	32.01 1.75 0.00	27.74 1.07 0.00	24.52 1.01 0.00	22.46 0.72 0.00
PJM_GEN_KEystone 24065	19.40 0.27 0.00	18.70 0.33 0.00	18.04 0.30 0.00	17.96 0.28 0.00	18.45 0.27 0.00	20.98 0.33 0.00	25.70 0.50 0.00	30.36 0.53 -0.53	29.77 0.56 0.53	27.93 0.52 0.00	26.92 0.42 0.00	26.78 0.45 0.00	25.71 0.46 0.00	25.13 0.44 0.00	24.02 0.38 0.00	23.76 0.33 0.00	25.10 0.18 0.00	28.60 0.14 0.00	29.19 0.27 1.22	32.56 0.76 -1.34	30.90 0.76 0.12	26.99 0.32 0.00	23.93 0.42 0.00	22.18 0.43 0.00
PJM_GEN_NEPTUNE_PROXY 323594	19.97 0.84 0.00	19.03 0.66 0.00	18.35 0.60 0.00	18.28 0.60 0.00	18.75 0.56 0.00	21.36 0.70 0.00	25.87 0.68 0.00	30.62 0.79 -0.53	30.34 1.13 0.53	28.93 1.51 -0.01	30.84 1.30 -3.04	30.76 1.32 -3.11	30.07 1.44 -3.38	30.05 1.46 -3.91	29.59 1.39 -4.55	30.11 1.33 -5.34	30.52 1.37 -4.22	31.01 1.62 -0.93	32.75 1.66 -0.95	32.50 1.98 -0.06	32.15 1.88 -0.01	30.87 1.20 -3.00	28.17 1.13 -3.54	22.74 0.98 -0.01
PJM_GEN_VFT_PROXY 323633	19.80 0.67 0.00	18.97 0.61 0.00	18.33 0.58 0.00	18.23 0.55 0.00	18.69 0.51 0.00	21.07 0.41 0.00	25.82 0.63 0.00	30.80 0.97 -0.53	30.36 1.16 0.53	28.64 1.23 0.00	27.66 1.16 0.00	27.54 1.21 0.00	26.64 1.39 0.00	26.06 1.38 0.00	24.96 1.32 0.00	24.70 1.26 0.00	26.19 1.27 0.00	29.96 1.51 0.00	31.60 1.51 0.05	32.28 1.77 -0.05	31.89 1.63 0.00	27.63 0.96 0.00	24.42 0.92 0.00	22.38 0.63 0.00
PLATSBURG_115KV_PMLD1 355749	19.55 0.42 0.00	18.77 0.40 0.00	18.20 0.46 0.00	18.19 0.51 0.00	18.80 0.62 0.00	21.52 0.87 0.00	25.75 0.55 0.00	30.77 1.47 0.00	30.96 1.22 0.00	29.08 1.67 0.00	28.06 1.56 0.00	27.78 1.45 0.00	26.49 1.24 0.00	25.82 1.14 0.00	24.59 0.95 0.00	24.42 0.98 0.00	26.07 1.15 0.00	30.02 1.57 0.00	31.86 1.72 0.00	31.98 1.52 0.00	31.86 1.60 0.00	28.06 1.39 0.00	24.59 1.08 0.00	22.66 0.91 0.00
PLEASANTVLY__LBMP 24000	19.69 0.55 0.00	18.90 0.53 0.00	18.26 0.51 0.00	18.17 0.49 0.00	18.64 0.45 0.00	21.09 0.43 0.00	25.75 0.55 0.00	29.92 0.62 0.00	30.54 0.80 0.00	28.20 0.79 0.00	27.27 0.77 0.00	27.15 0.82 0.00	26.11 0.86 0.00	25.57 0.89 0.00	24.54 0.90 0.00	24.28 0.84 0.00	25.80 0.87 0.00	29.45 1.00 0.00	31.23 1.09 0.00	31.74 1.28 0.00	31.17 0.91 0.00	27.34 0.67 0.00	24.21 0.71 0.00	22.27 0.52 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.86 0.73 0.00	19.03 0.66 0.00	18.38 0.64 0.00	18.30 0.62 0.00	18.75 0.56 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.24 0.94 0.00	30.90 1.16 0.00	28.61 1.21 0.00	27.64 1.14 0.00	27.54 1.21 0.00	26.52 1.26 0.00	25.92 1.23 0.00	24.89 1.25 0.00	24.63 1.20 0.00	26.15 1.22 0.00	29.88 1.42 0.00	31.68 1.54 0.00	32.13 1.68 0.00	31.53 1.27 0.00	27.60 0.93 0.00	24.45 0.94 0.00	22.47 0.72 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.86 0.73 0.00	19.03 0.66 0.00	18.38 0.64 0.00	18.30 0.62 0.00	18.75 0.56 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.24 0.94 0.00	30.90 1.16 0.00	28.61 1.21 0.00	27.64 1.14 0.00	27.54 1.21 0.00	26.52 1.26 0.00	25.92 1.23 0.00	24.89 1.25 0.00	24.63 1.20 0.00	26.15 1.22 0.00	29.88 1.42 0.00	31.68 1.54 0.00	32.13 1.68 0.00	31.53 1.27 0.00	27.60 0.93 0.00	24.45 0.94 0.00	22.47 0.72 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.03 0.90 0.00	19.23 0.86 0.00	18.52 0.78 0.00	18.46 0.78 0.00	18.95 0.76 0.00	21.44 0.78 0.00	26.20 1.01 0.00	30.50 1.20 0.00	31.16 1.43 0.00	28.78 1.37 0.00	27.85 1.35 0.00	27.68 1.34 0.00	26.67 1.41 0.00	26.09 1.41 0.00	25.01 1.37 0.00	24.77 1.34 0.00	26.30 1.37 0.00	30.08 1.62 0.00	31.89 1.75 0.00	32.38 1.92 0.00	31.83 1.57 0.00	27.90 1.23 0.00	24.61 1.10 0.00	22.62 0.87 0.00
POLETTI____ 23519	19.88 0.75 0.00	19.05 0.68 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.75 0.56 0.00	21.15 0.50 0.00	25.87 0.68 0.00	30.21 0.91 0.00	30.96 1.22 0.00	28.70 1.29 0.00	27.72 1.22 0.00	27.62 1.29 0.00	26.67 1.41 0.00	26.06 1.38 0.00	25.01 1.37 0.00	24.74 1.31 0.00	26.27 1.35 0.00	30.05 1.59 0.00	31.83 1.69 0.00	32.22 1.77 0.00	31.59 1.33 0.00	27.58 0.91 0.00	24.49 0.99 0.00	22.44 0.70 0.00
POMONA__ESR 323819	19.80 0.67 0.00	18.99 0.62 0.00	18.33 0.58 0.00	18.24 0.57 0.00	18.71 0.53 0.00	21.17 0.52 0.00	25.95 0.76 0.00	30.33 1.03 0.00	30.87 1.13 0.00	28.56 1.15 0.00	27.58 1.09 0.00	27.46 1.13 0.00	26.49 1.24 0.00	25.94 1.26 0.00	24.85 1.21 0.00	24.58 1.15 0.00	26.10 1.17 0.00	29.79 1.34 0.00	31.53 1.39 0.00	32.16 1.70 0.00	31.83 1.57 0.00	27.66 0.99 0.00	24.42 0.92 0.00	22.44 0.70 0.00
PORT_JEFF_3 23555	20.39 1.26 0.00	19.40 1.03 0.00	18.70 0.96 0.00	18.63 0.95 0.00	19.13 0.94 0.00	21.83 1.18 0.00	26.28 1.08 0.00	30.62 1.32 0.00	31.46 1.72 0.00	29.53 2.11 -0.01	31.42 1.88 -3.04	31.34 1.90 -3.11	30.60 1.97 -3.38	30.52 1.93 -3.91	30.01 1.82 -4.55	30.58 1.80 -5.34	31.04 1.89 -4.22	31.68 2.28 -0.95	33.54 2.26 -1.14	38.33 2.62 -5.25	32.92 2.51 -0.15	31.56 1.89 -3.00	28.79 1.74 -3.55	23.24 1.48 -0.01
PORT_JEFF_4 23616	20.39 1.26 0.00	19.40 1.03 0.00	18.70 0.96 0.00	18.63 0.95 0.00	19.13 0.94 0.00	21.83 1.18 0.00	26.28 1.08 0.00	30.62 1.32 0.00	31.46 1.72 0.00	29.53 2.11 -0.01	31.42 1.88 -3.04	31.34 1.90 -3.11	30.60 1.97 -3.38	30.52 1.93 -3.91	30.01 1.82 -4.55	30.58 1.80 -5.34	31.04 1.89 -4.22	31.68 2.28 -0.95	33.54 2.26 -1.14	38.33 2.62 -5.25	32.92 2.51 -0.15	31.56 1.89 -3.00	28.79 1.74 -3.55	23.24 1.48 -0.01
PORT_JEFF_IC 23713	20.41 1.28 0.00	19.40 1.03 0.00	18.70 0.96 0.00	18.63 0.95 0.00	19.15 0.96 0.00	21.85 1.20 0.00	26.45 1.26 0.00	30.71 1.41 0.00	31.58 1.84 0.00	29.53 2.11 -0.01	31.47 1.93 -3.04	31.36 1.92 -3.11	30.57 1.94 -3.38	30.47 1.88 -3.91	30.04 1.84 -4.55	30.58 1.80 -5.34	31.04 1.89 -4.22	31.74 2.33 -0.95	33.67 2.38 -1.14	38.56 2.62 -5.48	32.56 2.15 -0.15	31.53 1.87 -3.00	28.81 1.76 -3.55	23.26 1.50 -0.01

PPL PILGRIM_ST_GT1 24216	20.53 1.40 0.00	19.51 1.14 0.00	18.82 1.08 0.00	18.74 1.06 0.00	19.24 1.05 0.00	21.98 1.32 0.00	26.55 1.36 0.00	30.94 1.64 0.00	31.79 2.05 0.00	29.80 2.38 -0.01	31.71 2.17 -3.04	31.60 2.16 -3.11	30.85 2.22 -3.38	30.79 2.20 -3.91	30.30 2.10 -4.55	30.84 2.06 -5.34	31.32 2.17 -4.22	31.95 2.56 -0.93	33.66 2.50 -1.02	33.81 2.83 -0.52	33.01 2.72 -0.02	31.82 2.16 -3.00	29.00 1.95 -3.55	23.43 1.67 -0.01
PPL PILGRIM_ST_GT2 24217	20.53 1.40 0.00	19.51 1.14 0.00	18.82 1.08 0.00	18.74 1.06 0.00	19.24 1.05 0.00	21.98 1.32 0.00	26.55 1.36 0.00	30.94 1.64 0.00	31.79 2.05 0.00	29.80 2.38 -0.01	31.71 2.17 -3.04	31.60 2.16 -3.11	30.85 2.22 -3.38	30.79 2.20 -3.91	30.30 2.10 -4.55	30.84 2.06 -5.34	31.32 2.17 -4.22	31.95 2.56 -0.93	33.66 2.50 -1.02	33.81 2.83 -0.52	33.01 2.72 -0.02	31.82 2.16 -3.00	29.00 1.95 -3.55	23.43 1.67 -0.01
PPL_SHRM_GT3 24213	20.51 1.38 0.00	19.49 1.12 0.00	18.79 1.05 0.00	18.72 1.04 0.00	19.22 1.04 0.00	21.96 1.30 0.00	26.20 1.01 0.00	30.65 1.35 0.00	31.43 1.69 0.00	29.48 2.06 -0.01	31.31 1.78 -3.04	31.18 1.74 -3.11	30.45 1.82 -3.38	30.27 1.68 -3.91	29.78 1.58 -4.55	30.37 1.59 -5.34	30.84 1.70 -4.22	31.57 2.16 -0.95	33.51 2.23 -1.14	38.30 2.68 -5.16	32.97 2.57 -0.14	31.64 1.97 -3.00	28.86 1.81 -3.55	23.28 1.52 -0.01
PPL_SHRM_GT4 24214	20.51 1.38 0.00	19.49 1.12 0.00	18.79 1.05 0.00	18.72 1.04 0.00	19.22 1.04 0.00	21.96 1.30 0.00	26.20 1.01 0.00	30.65 1.35 0.00	31.43 1.69 0.00	29.48 2.06 -0.01	31.31 1.78 -3.04	31.18 1.74 -3.11	30.45 1.82 -3.38	30.27 1.68 -3.91	29.78 1.58 -4.55	30.37 1.59 -5.34	30.84 1.70 -4.22	31.57 2.16 -0.95	33.51 2.23 -1.14	38.30 2.68 -5.16	32.97 2.57 -0.14	31.64 1.97 -3.00	28.86 1.81 -3.55	23.28 1.52 -0.01
PROJECT___ORANGE 1 24174	18.90 -0.23 0.00	18.17 -0.20 0.00	17.55 -0.20 0.00	17.47 -0.21 0.00	17.98 -0.20 0.00	20.47 -0.19 0.00	25.02 -0.18 0.00	29.07 -0.23 0.00	29.32 -0.42 0.00	27.00 -0.41 0.00	26.13 -0.37 0.00	25.96 -0.37 0.00	24.88 -0.38 0.00	24.29 -0.39 0.00	23.22 -0.43 0.00	23.03 -0.40 0.00	24.48 -0.45 0.00	27.92 -0.54 0.00	29.69 -0.45 0.00	30.15 -0.30 0.00	29.87 -0.39 0.00	26.35 -0.32 0.00	23.15 -0.35 0.00	21.51 -0.24 0.00
PROJECT___ORANGE 2 24166	18.90 -0.23 0.00	18.17 -0.20 0.00	17.55 -0.20 0.00	17.47 -0.21 0.00	17.98 -0.20 0.00	20.47 -0.19 0.00	25.02 -0.18 0.00	29.07 -0.23 0.00	29.32 -0.42 0.00	27.00 -0.41 0.00	26.13 -0.37 0.00	25.96 -0.37 0.00	24.88 -0.38 0.00	24.29 -0.39 0.00	23.22 -0.43 0.00	23.03 -0.40 0.00	24.48 -0.45 0.00	27.92 -0.54 0.00	29.69 -0.45 0.00	30.15 -0.30 0.00	29.87 -0.39 0.00	26.35 -0.32 0.00	23.15 -0.35 0.00	21.51 -0.24 0.00
PUCKETT___SOLAR 323809	19.71 0.57 0.00	18.96 0.59 0.00	18.29 0.55 0.00	18.23 0.55 0.00	18.76 0.58 0.00	21.42 0.76 0.00	26.25 1.06 0.00	30.56 1.26 0.00	31.37 1.63 0.00	28.81 1.40 0.00	27.72 1.22 0.00	27.52 1.19 0.00	26.29 1.04 0.00	25.67 0.99 0.00	24.56 0.92 0.00	24.32 0.89 0.00	25.82 0.90 0.00	29.45 1.00 0.00	31.41 1.27 0.00	32.19 1.74 0.00	31.98 1.72 0.00	27.92 1.25 0.00	24.66 1.15 0.00	22.88 1.13 0.00
PYRITES___HYD 24023	18.94 -0.19 0.00	18.17 -0.20 0.00	17.53 -0.21 0.00	17.50 -0.18 0.00	18.04 -0.15 0.00	20.63 -0.02 0.00	25.12 -0.08 0.00	29.74 0.44 0.00	29.97 0.24 0.00	27.66 0.25 0.00	26.66 0.16 0.00	26.46 0.13 0.00	25.31 0.05 0.00	24.73 0.05 0.00	23.62 -0.02 0.00	23.39 -0.05 0.00	24.92 0.00 0.00	28.54 0.09 0.00	30.11 -0.03 0.00	30.12 -0.34 0.00	30.29 0.03 0.00	26.75 0.08 0.00	23.46 -0.05 0.00	21.66 -0.09 0.00
QUAKERRD_115KV_BK1 80622	18.46 -0.67 0.00	17.74 -0.62 0.00	17.14 -0.60 0.00	17.08 -0.60 0.00	17.60 -0.58 0.00	20.10 -0.56 0.00	24.49 -0.71 0.00	28.34 -0.97 0.00	28.78 -0.95 0.00	26.48 -0.93 0.00	25.57 -0.93 0.00	25.44 -0.90 0.00	24.32 -0.93 0.00	23.74 -0.94 0.00	22.62 -1.02 0.00	22.42 -1.01 0.00	23.73 -1.20 0.00	26.92 -1.54 0.00	28.79 -1.36 0.00	29.45 -1.01 0.00	29.11 -1.15 0.00	25.79 -0.88 0.00	22.61 -0.89 0.00	21.01 -0.74 0.00
QUENSBRY_115KV_TB8 356137	19.73 0.59 0.00	18.88 0.51 0.00	18.26 0.51 0.00	18.21 0.53 0.00	18.78 0.60 0.00	21.36 0.70 0.00	26.13 0.93 0.00	30.36 1.05 0.00	30.87 1.13 0.00	28.34 0.93 0.00	27.43 0.93 0.00	27.23 0.90 0.00	26.11 0.86 0.00	25.45 0.77 0.00	24.37 0.73 0.00	24.14 0.70 0.00	25.70 0.77 0.00	29.31 0.85 0.00	31.20 1.05 0.00	31.65 1.19 0.00	31.32 1.06 0.00	27.50 0.83 0.00	24.19 0.68 0.00	22.31 0.57 0.00
RAMAPO___LBMP 323565	19.73 0.59 0.00	18.94 0.57 0.00	18.27 0.53 0.00	18.19 0.51 0.00	18.65 0.47 0.00	21.11 0.45 0.00	25.85 0.66 0.00	30.09 0.79 0.00	30.72 0.98 0.00	28.45 1.04 0.00	27.48 0.98 0.00	27.36 1.03 0.00	26.34 1.09 0.00	25.77 1.09 0.00	24.73 1.09 0.00	24.44 1.01 0.00	25.95 1.02 0.00	29.68 1.22 0.00	31.44 1.30 0.00	31.98 1.52 0.00	31.35 1.09 0.00	27.50 0.83 0.00	24.33 0.82 0.00	22.38 0.63 0.00
RANKINE____ 23646	19.32 0.19 0.00	18.70 0.33 0.00	18.06 0.32 0.00	18.00 0.32 0.00	18.56 0.38 0.00	21.23 0.58 0.00	25.87 0.68 0.00	29.60 0.29 0.00	30.21 0.48 0.00	27.68 0.27 0.00	26.68 0.19 0.00	26.60 0.26 0.00	25.43 0.18 0.00	24.78 0.10 0.00	23.52 -0.12 0.00	23.22 -0.21 0.00	24.40 -0.52 0.00	27.57 -0.88 0.00	29.63 -0.51 0.00	30.70 0.24 0.00	30.17 -0.09 0.00	26.94 0.27 0.00	23.55 0.05 0.00	22.05 0.30 0.00
RAVENSWOOD_GT2_1 24244	19.92 0.78 0.00	19.09 0.72 0.00	18.42 0.67 0.00	18.33 0.65 0.00	18.78 0.60 0.00	21.17 0.52 0.00	25.92 0.73 0.00	30.27 0.97 0.00	30.99 1.25 0.00	28.75 1.34 0.00	27.74 1.25 0.00	27.68 1.34 0.00	26.69 1.44 0.00	26.11 1.43 0.00	25.06 1.42 0.00	24.77 1.34 0.00	26.30 1.37 0.00	30.11 1.65 0.00	31.86 1.72 0.00	32.29 1.83 0.00	31.65 1.39 0.00	27.66 0.99 0.00	24.52 1.01 0.00	22.49 0.74 0.00
RAVENSWOOD_GT2_2 24245	19.92 0.78 0.00	19.09 0.72 0.00	18.42 0.67 0.00	18.33 0.65 0.00	18.78 0.60 0.00	21.17 0.52 0.00	25.92 0.73 0.00	30.27 0.97 0.00	30.99 1.25 0.00	28.75 1.34 0.00	27.74 1.25 0.00	27.68 1.34 0.00	26.69 1.44 0.00	26.11 1.43 0.00	25.06 1.42 0.00	24.77 1.34 0.00	26.30 1.37 0.00	30.11 1.65 0.00	31.86 1.72 0.00	32.29 1.83 0.00	31.65 1.39 0.00	27.66 0.99 0.00	24.52 1.01 0.00	22.49 0.74 0.00
RAVENSWOOD_GT2_3 24246	19.92 0.78 0.00	19.09 0.72 0.00	18.43 0.69 0.00	18.33 0.65 0.00	18.80 0.62 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.27 0.97 0.00	31.01 1.28 0.00	28.75 1.34 0.00	27.77 1.27 0.00	27.68 1.34 0.00	26.72 1.46 0.00	26.11 1.43 0.00	25.06 1.42 0.00	24.79 1.36 0.00	26.32 1.40 0.00	30.11 1.65 0.00	31.89 1.75 0.00	32.32 1.86 0.00	31.65 1.39 0.00	27.66 0.99 0.00	24.54 1.03 0.00	22.49 0.74 0.00

RAVENSWOOD_GT2_4 24247	19.92 0.78 0.00	19.09 0.72 0.00	18.43 0.69 0.00	18.33 0.65 0.00	18.80 0.62 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.27 0.97 0.00	31.01 1.28 0.00	28.75 1.34 0.00	27.77 1.27 0.00	27.68 1.34 0.00	26.72 1.46 0.00	26.11 1.43 0.00	25.06 1.42 0.00	24.79 1.36 0.00	26.32 1.40 0.00	30.11 1.65 0.00	31.89 1.75 0.00	32.32 1.86 0.00	31.65 1.39 0.00	27.66 0.99 0.00	24.54 1.03 0.00	22.49 0.74 0.00
RAVENSWOOD_GT3_1 24248	19.92 0.78 0.00	19.09 0.72 0.00	18.42 0.67 0.00	18.33 0.65 0.00	18.78 0.60 0.00	21.19 0.54 0.00	25.92 0.73 0.00	30.27 0.97 0.00	30.99 1.25 0.00	28.75 1.34 0.00	27.74 1.25 0.00	27.68 1.34 0.00	26.69 1.44 0.00	26.11 1.43 0.00	25.06 1.42 0.00	24.77 1.34 0.00	26.30 1.37 0.00	30.11 1.65 0.00	31.89 1.75 0.00	32.29 1.83 0.00	31.65 1.39 0.00	27.66 0.99 0.00	24.52 1.01 0.00	22.49 0.74 0.00
RAVENSWOOD_GT3_2 24249	19.92 0.78 0.00	19.09 0.72 0.00	18.42 0.67 0.00	18.33 0.65 0.00	18.78 0.60 0.00	21.19 0.54 0.00	25.92 0.73 0.00	30.27 0.97 0.00	30.99 1.25 0.00	28.75 1.34 0.00	27.74 1.25 0.00	27.68 1.34 0.00	26.69 1.44 0.00	26.11 1.43 0.00	25.06 1.42 0.00	24.77 1.34 0.00	26.30 1.37 0.00	30.11 1.65 0.00	31.89 1.75 0.00	32.29 1.83 0.00	31.65 1.39 0.00	27.66 0.99 0.00	24.52 1.01 0.00	22.49 0.74 0.00
RAVENSWOOD_GT3_3 24250	19.94 0.80 0.00	19.10 0.73 0.00	18.43 0.69 0.00	18.35 0.67 0.00	18.80 0.62 0.00	21.21 0.56 0.00	25.97 0.78 0.00	30.30 1.00 0.00	31.04 1.31 0.00	28.81 1.40 0.00	27.80 1.30 0.00	27.70 1.37 0.00	26.75 1.49 0.00	26.14 1.46 0.00	25.08 1.44 0.00	24.81 1.38 0.00	26.34 1.42 0.00	30.14 1.68 0.00	31.92 1.78 0.00	32.35 1.89 0.00	31.68 1.42 0.00	27.68 1.01 0.00	24.56 1.06 0.00	22.51 0.76 0.00
RAVENSWOOD_GT3_4 24251	19.94 0.80 0.00	19.10 0.73 0.00	18.43 0.69 0.00	18.35 0.67 0.00	18.80 0.62 0.00	21.21 0.56 0.00	25.97 0.78 0.00	30.30 1.00 0.00	31.04 1.31 0.00	28.81 1.40 0.00	27.80 1.30 0.00	27.70 1.37 0.00	26.75 1.49 0.00	26.14 1.46 0.00	25.08 1.44 0.00	24.81 1.38 0.00	26.34 1.42 0.00	30.14 1.68 0.00	31.92 1.78 0.00	32.35 1.89 0.00	31.68 1.42 0.00	27.68 1.01 0.00	24.56 1.06 0.00	22.51 0.76 0.00
RAVENSWOOD_GT_1 23729	20.01 0.88 0.00	19.16 0.79 0.00	18.49 0.75 0.00	18.38 0.71 0.00	18.84 0.65 0.00	21.17 0.52 0.00	25.90 0.71 0.00	30.24 0.94 0.00	31.01 1.28 0.00	28.78 1.37 0.00	27.77 1.27 0.00	27.73 1.40 0.00	26.80 1.54 0.00	26.19 1.51 0.00	25.13 1.49 0.00	24.86 1.43 0.00	26.39 1.47 0.00	30.22 1.76 0.00	31.98 1.84 0.00	32.35 1.89 0.00	31.68 1.42 0.00	27.63 0.96 0.00	24.56 1.06 0.00	22.51 0.76 0.00
RAVENSWOOD_GT_10 24258	19.92 0.78 0.00	19.09 0.72 0.00	18.42 0.67 0.00	18.33 0.65 0.00	18.78 0.60 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.27 0.97 0.00	30.99 1.25 0.00	28.75 1.34 0.00	27.77 1.27 0.00	27.68 1.34 0.00	26.69 1.44 0.00	26.11 1.43 0.00	25.06 1.42 0.00	24.77 1.34 0.00	26.30 1.37 0.00	30.11 1.65 0.00	31.89 1.75 0.00	32.29 1.83 0.00	31.65 1.39 0.00	27.66 0.99 0.00	24.52 1.01 0.00	22.49 0.74 0.00
RAVENSWOOD_GT_11 24259	19.92 0.78 0.00	19.09 0.72 0.00	18.42 0.67 0.00	18.33 0.65 0.00	18.78 0.60 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.27 0.97 0.00	30.99 1.25 0.00	28.75 1.34 0.00	27.77 1.27 0.00	27.68 1.34 0.00	26.69 1.44 0.00	26.11 1.43 0.00	25.06 1.42 0.00	24.77 1.34 0.00	26.30 1.37 0.00	30.11 1.65 0.00	31.89 1.75 0.00	32.29 1.83 0.00	31.65 1.39 0.00	27.66 0.99 0.00	24.52 1.01 0.00	22.49 0.74 0.00
RAVENSWOOD_GT_4 24252	19.90 0.77 0.00	19.07 0.70 0.00	18.42 0.67 0.00	18.31 0.64 0.00	18.78 0.60 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.30 1.00 0.00	31.01 1.28 0.00	28.75 1.34 0.00	27.77 1.27 0.00	27.68 1.34 0.00	26.69 1.44 0.00	26.09 1.41 0.00	25.04 1.39 0.00	24.77 1.34 0.00	26.30 1.37 0.00	30.08 1.62 0.00	31.86 1.72 0.00	32.29 1.83 0.00	31.65 1.39 0.00	27.66 0.99 0.00	24.52 1.01 0.00	22.49 0.74 0.00
RAVENSWOOD_GT_5 24254	19.90 0.77 0.00	19.07 0.70 0.00	18.42 0.67 0.00	18.31 0.64 0.00	18.78 0.60 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.30 1.00 0.00	31.01 1.28 0.00	28.75 1.34 0.00	27.77 1.27 0.00	27.68 1.34 0.00	26.69 1.44 0.00	26.09 1.41 0.00	25.04 1.39 0.00	24.77 1.34 0.00	26.30 1.37 0.00	30.08 1.62 0.00	31.86 1.72 0.00	32.29 1.83 0.00	31.65 1.39 0.00	27.66 0.99 0.00	24.52 1.01 0.00	22.49 0.74 0.00
RAVENSWOOD_GT_6 24253	19.90 0.77 0.00	19.07 0.70 0.00	18.42 0.67 0.00	18.31 0.64 0.00	18.78 0.60 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.30 1.00 0.00	31.01 1.28 0.00	28.75 1.34 0.00	27.77 1.27 0.00	27.68 1.34 0.00	26.69 1.44 0.00	26.09 1.41 0.00	25.04 1.39 0.00	24.77 1.34 0.00	26.30 1.37 0.00	30.08 1.62 0.00	31.86 1.72 0.00	32.29 1.83 0.00	31.65 1.39 0.00	27.66 0.99 0.00	24.52 1.01 0.00	22.49 0.74 0.00
RAVENSWOOD_GT_7 24255	19.90 0.77 0.00	19.07 0.70 0.00	18.42 0.67 0.00	18.31 0.64 0.00	18.78 0.60 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.30 1.00 0.00	31.01 1.28 0.00	28.75 1.34 0.00	27.77 1.27 0.00	27.68 1.34 0.00	26.69 1.44 0.00	26.09 1.41 0.00	25.04 1.39 0.00	24.77 1.34 0.00	26.30 1.37 0.00	30.08 1.62 0.00	31.86 1.72 0.00	32.29 1.83 0.00	31.65 1.39 0.00	27.66 0.99 0.00	24.52 1.01 0.00	22.49 0.74 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.92 0.78 0.00	19.09 0.72 0.00	18.42 0.67 0.00	18.33 0.65 0.00	18.78 0.60 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.27 0.97 0.00	30.99 1.25 0.00	28.75 1.34 0.00	27.77 1.27 0.00	27.68 1.34 0.00	26.69 1.44 0.00	26.11 1.43 0.00	25.06 1.42 0.00	24.77 1.34 0.00	26.30 1.37 0.00	30.11 1.65 0.00	31.89 1.75 0.00	32.29 1.83 0.00	31.65 1.39 0.00	27.66 0.99 0.00	24.52 1.01 0.00	22.49 0.74 0.00
RAVENSWOOD_GT_9 24257	19.92 0.78 0.00	19.09 0.72 0.00	18.42 0.67 0.00	18.33 0.65 0.00	18.78 0.60 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.27 0.97 0.00	30.99 1.25 0.00	28.75 1.34 0.00	27.77 1.27 0.00	27.68 1.34 0.00	26.69 1.44 0.00	26.11 1.43 0.00	25.06 1.42 0.00	24.77 1.34 0.00	26.30 1.37 0.00	30.11 1.65 0.00	31.89 1.75 0.00	32.29 1.83 0.00	31.65 1.39 0.00	27.66 0.99 0.00	24.52 1.01 0.00	22.49 0.74 0.00
RAVENSWOOD___1 23533	19.99 0.86 0.00	19.14 0.77 0.00	18.49 0.75 0.00	18.39 0.71 0.00	18.84 0.65 0.00	21.15 0.49 0.00	25.90 0.70 0.00	30.39 1.08 0.00	31.01 1.28 0.00	28.78 1.37 0.00	27.77 1.27 0.00	27.67 1.34 0.00	26.80 1.54 0.00	26.24 1.56 0.00	25.16 1.51 0.00	24.86 1.43 0.00	26.39 1.47 0.00	30.14 1.68 0.00	31.86 1.72 0.00	32.38 1.92 0.00	32.04 1.78 0.00	27.76 1.09 0.00	24.54 1.03 0.00	22.51 0.76 0.00

RAVENSWOOD___2 23534	19.99 0.86 0.00	19.14 0.77 0.00	18.47 0.73 0.00	18.39 0.71 0.00	18.84 0.65 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.36 1.05 0.00	31.01 1.28 0.00	28.78 1.37 0.00	27.77 1.27 0.00	27.67 1.34 0.00	26.80 1.54 0.00	26.24 1.56 0.00	25.13 1.49 0.00	24.86 1.43 0.00	26.37 1.45 0.00	30.14 1.68 0.00	31.86 1.72 0.00	32.38 1.92 0.00	32.04 1.78 0.00	27.76 1.09 0.00	24.54 1.03 0.00	22.51 0.76 0.00
RAVENSWOOD___3 23535	19.92 0.78 0.00	19.08 0.72 0.00	18.42 0.67 0.00	18.33 0.65 0.00	18.78 0.60 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.42 1.11 0.00	31.01 1.28 0.00	28.75 1.34 0.00	27.77 1.27 0.00	27.65 1.32 0.00	26.74 1.49 0.00	26.19 1.51 0.00	25.08 1.44 0.00	24.79 1.36 0.00	26.32 1.39 0.00	30.08 1.62 0.00	31.80 1.66 0.00	32.35 1.89 0.00	32.04 1.78 0.00	27.76 1.09 0.00	24.52 1.01 0.00	22.49 0.74 0.00
RAVENSWOOD___4 23820	19.99 0.86 0.00	19.14 0.77 0.00	18.47 0.73 0.00	18.39 0.71 0.00	18.82 0.64 0.00	21.15 0.49 0.00	25.87 0.68 0.00	30.36 1.05 0.00	31.01 1.28 0.00	28.75 1.34 0.00	27.77 1.27 0.00	27.65 1.32 0.00	26.80 1.54 0.00	26.24 1.56 0.00	25.13 1.49 0.00	24.86 1.43 0.00	26.37 1.45 0.00	30.11 1.65 0.00	31.86 1.72 0.00	32.35 1.89 0.00	32.04 1.78 0.00	27.76 1.09 0.00	24.54 1.03 0.00	22.49 0.74 0.00
RCPI_TRUST___DRP 24196	19.92 0.78 0.00	19.09 0.72 0.00	18.43 0.69 0.00	18.33 0.65 0.00	18.78 0.60 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.30 1.00 0.00	31.04 1.31 0.00	28.81 1.40 0.00	27.80 1.30 0.00	27.70 1.37 0.00	26.75 1.49 0.00	26.14 1.46 0.00	25.08 1.44 0.00	24.81 1.38 0.00	26.32 1.40 0.00	30.14 1.68 0.00	31.92 1.78 0.00	32.32 1.86 0.00	31.68 1.42 0.00	27.66 0.99 0.00	24.54 1.03 0.00	22.49 0.74 0.00
RED___ROCHESTER 323720	19.04 -0.10 0.00	18.31 -0.05 0.00	17.67 -0.07 0.00	17.62 -0.05 0.00	18.16 -0.02 0.00	20.76 0.10 0.00	25.24 0.05 0.00	29.24 -0.06 0.00	29.65 -0.09 0.00	27.27 -0.14 0.00	26.34 -0.16 0.00	26.23 -0.10 0.00	24.98 -0.28 0.00	24.31 -0.37 0.00	23.29 -0.35 0.00	23.08 -0.35 0.00	24.33 -0.60 0.00	27.57 -0.88 0.00	29.48 -0.66 0.00	30.09 -0.36 0.00	30.14 -0.12 0.00	26.43 -0.24 0.00	23.34 -0.16 0.00	21.70 -0.04 0.00
REGAN___SOLAR 323812	20.63 1.49 0.00	19.75 1.38 0.00	19.11 1.37 0.00	19.06 1.38 0.00	19.69 1.51 0.00	22.47 1.82 0.00	27.69 2.49 0.00	32.03 2.73 0.00	32.44 2.71 0.00	29.41 2.00 0.00	28.41 1.91 0.00	28.04 1.71 0.00	26.87 1.62 0.00	26.19 1.51 0.00	25.06 1.42 0.00	24.84 1.41 0.00	26.57 1.64 0.00	30.51 2.05 0.00	32.76 2.62 0.00	33.29 2.83 0.00	33.19 2.93 0.00	28.96 2.29 0.00	25.50 2.00 0.00	23.51 1.76 0.00
RENSSELAER___COGEN 23796	19.67 0.53 0.00	18.87 0.50 0.00	18.24 0.50 0.00	18.17 0.49 0.00	18.67 0.49 0.00	21.19 0.54 0.00	25.85 0.65 0.00	30.09 0.79 0.00	30.51 0.77 0.00	28.04 0.63 0.00	27.13 0.63 0.00	26.96 0.63 0.00	25.89 0.63 0.00	25.35 0.67 0.00	24.28 0.64 0.00	24.07 0.63 0.00	25.60 0.67 0.00	29.20 0.74 0.00	30.96 0.81 0.00	31.52 1.07 0.00	31.29 1.03 0.00	27.34 0.67 0.00	24.09 0.59 0.00	22.27 0.52 0.00
REPUBLIC_115KV_BARTNBRK 55605	20.30 1.17 0.00	19.38 1.01 0.00	18.77 1.03 0.00	18.74 1.06 0.00	19.36 1.18 0.00	22.06 1.40 0.00	27.11 1.91 0.00	31.56 2.26 0.00	32.09 2.35 0.00	29.38 1.97 0.00	28.43 1.93 0.00	28.20 1.87 0.00	27.02 1.77 0.00	26.26 1.58 0.00	25.11 1.47 0.00	24.98 1.55 0.00	26.54 1.62 0.00	30.25 1.79 0.00	32.25 2.11 0.00	32.71 2.25 0.00	32.50 2.24 0.00	28.48 1.81 0.00	24.92 1.41 0.00	22.92 1.17 0.00
REVERE_CPPR_DRP 24186	19.71 0.57 0.00	18.88 0.51 0.00	18.24 0.50 0.00	18.17 0.49 0.00	18.71 0.53 0.00	21.34 0.68 0.00	26.15 0.96 0.00	30.56 1.26 0.00	30.93 1.19 0.00	28.40 0.99 0.00	27.40 0.90 0.00	27.23 0.90 0.00	26.04 0.78 0.00	25.47 0.79 0.00	24.37 0.73 0.00	24.18 0.75 0.00	25.85 0.92 0.00	29.48 1.02 0.00	31.32 1.18 0.00	31.74 1.28 0.00	31.47 1.21 0.00	27.76 1.09 0.00	24.40 0.89 0.00	22.57 0.83 0.00
REYNOLDS_115KV_TB3 80639	19.65 0.52 0.00	18.85 0.48 0.00	18.20 0.46 0.00	18.14 0.46 0.00	18.65 0.47 0.00	21.17 0.52 0.00	25.77 0.58 0.00	29.86 0.56 0.00	30.39 0.65 0.00	27.93 0.52 0.00	27.03 0.53 0.00	26.86 0.53 0.00	25.79 0.53 0.00	25.20 0.52 0.00	24.18 0.54 0.00	23.97 0.54 0.00	25.52 0.60 0.00	29.08 0.63 0.00	30.84 0.69 0.00	31.37 0.91 0.00	30.93 0.67 0.00	27.23 0.56 0.00	24.02 0.52 0.00	22.23 0.48 0.00
RIVERBAY____ 323610	20.17 1.03 0.00	19.29 0.92 0.00	18.61 0.87 0.00	18.53 0.85 0.00	18.98 0.80 0.00	21.21 0.56 0.00	25.90 0.71 0.00	30.27 0.97 0.00	31.01 1.28 0.00	28.75 1.34 0.00	27.69 1.19 0.00	27.62 1.29 0.00	26.77 1.52 0.00	26.16 1.48 0.00	25.08 1.44 0.00	24.81 1.38 0.00	26.32 1.40 0.00	30.16 1.71 0.00	31.89 1.75 0.00	32.22 1.77 0.00	31.59 1.33 0.00	27.52 0.85 0.00	24.56 1.06 0.00	22.51 0.76 0.00
RIVERSDE_115KV_TB3 55908	19.69 0.55 0.00	18.88 0.51 0.00	18.24 0.50 0.00	18.17 0.49 0.00	18.69 0.51 0.00	21.21 0.56 0.00	25.85 0.66 0.00	29.98 0.67 0.00	30.48 0.74 0.00	28.04 0.63 0.00	27.13 0.64 0.00	26.96 0.63 0.00	25.89 0.63 0.00	25.30 0.62 0.00	24.28 0.64 0.00	24.06 0.63 0.00	25.60 0.67 0.00	29.20 0.74 0.00	30.96 0.81 0.00	31.46 1.01 0.00	31.05 0.79 0.00	27.31 0.64 0.00	24.09 0.59 0.00	22.29 0.54 0.00
ROARING___BROOK_WT_PWR 323790	19.04 -0.10 0.00	18.30 -0.07 0.00	17.67 -0.07 0.00	17.62 -0.05 0.00	18.13 -0.05 0.00	20.61 -0.04 0.00	25.09 -0.10 0.00	29.19 -0.12 0.00	29.65 -0.09 0.00	27.35 -0.05 0.00	26.47 -0.03 0.00	26.31 -0.03 0.00	25.20 -0.05 0.00	24.63 -0.05 0.00	23.57 -0.07 0.00	23.39 -0.05 0.00	24.87 -0.05 0.00	28.40 -0.06 0.00	30.02 -0.12 0.00	30.18 -0.27 0.00	29.93 -0.33 0.00	26.48 -0.19 0.00	23.34 -0.16 0.00	21.57 -0.17 0.00
ROCHESRG_115KV_T4 355643	18.86 -0.27 0.00	18.17 -0.20 0.00	17.53 -0.21 0.00	17.48 -0.19 0.00	18.02 -0.16 0.00	20.57 -0.08 0.00	25.07 -0.13 0.00	28.95 -0.35 0.00	29.41 -0.33 0.00	27.03 -0.38 0.00	26.10 -0.40 0.00	25.99 -0.34 0.00	24.85 -0.40 0.00	24.24 -0.44 0.00	23.07 -0.57 0.00	22.87 -0.56 0.00	24.15 -0.77 0.00	27.38 -1.08 0.00	29.30 -0.84 0.00	30.06 -0.40 0.00	29.68 -0.57 0.00	26.35 -0.32 0.00	23.11 -0.40 0.00	21.49 -0.26 0.00
ROCHESTER_9_IC 23652	18.96 -0.17 0.00	18.24 -0.13 0.00	17.62 -0.12 0.00	17.55 -0.12 0.00	18.11 -0.07 0.00	20.67 0.02 0.00	25.19 0.00 0.00	29.10 -0.21 0.00	29.62 -0.12 0.00	27.22 -0.19 0.00	26.29 -0.21 0.00	26.15 -0.18 0.00	25.00 -0.25 0.00	24.39 -0.30 0.00	23.22 -0.43 0.00	23.01 -0.42 0.00	24.30 -0.62 0.00	27.52 -0.94 0.00	29.45 -0.69 0.00	30.25 -0.21 0.00	29.87 -0.39 0.00	26.51 -0.16 0.00	23.22 -0.28 0.00	21.60 -0.15 0.00

ROCKVIEW_13_KV_LD 356306	19.94 0.80 0.00	19.10 0.73 0.00	18.43 0.69 0.00	18.35 0.67 0.00	18.80 0.62 0.00	21.25 0.60 0.00	26.02 0.83 0.00	30.39 1.08 0.00	31.04 1.31 0.00	28.78 1.37 0.00	27.82 1.32 0.00	27.73 1.40 0.00	26.72 1.46 0.00	26.11 1.43 0.00	25.06 1.42 0.00	24.79 1.36 0.00	26.30 1.37 0.00	30.11 1.65 0.00	31.89 1.75 0.00	32.35 1.89 0.00	31.71 1.45 0.00	27.74 1.07 0.00	24.56 1.06 0.00	22.55 0.80 0.00
ROME____115KV_TB2 80656	19.71 0.57 0.00	18.88 0.51 0.00	18.24 0.50 0.00	18.17 0.49 0.00	18.71 0.53 0.00	21.34 0.68 0.00	26.15 0.96 0.00	30.56 1.26 0.00	30.93 1.19 0.00	28.40 0.99 0.00	27.40 0.90 0.00	27.23 0.90 0.00	26.04 0.78 0.00	25.47 0.79 0.00	24.37 0.73 0.00	24.18 0.75 0.00	25.85 0.92 0.00	29.48 1.02 0.00	31.32 1.18 0.00	31.74 1.28 0.00	31.47 1.21 0.00	27.76 1.09 0.00	24.40 0.89 0.00	22.57 0.83 0.00
ROSETON___1 23587	19.69 0.56 0.00	18.90 0.53 0.00	18.24 0.50 0.00	18.16 0.48 0.00	18.64 0.45 0.00	21.09 0.43 0.00	25.80 0.60 0.00	30.12 0.82 0.00	30.63 0.89 0.00	28.29 0.88 0.00	27.37 0.87 0.00	27.20 0.87 0.00	26.24 0.98 0.00	25.69 1.01 0.00	24.61 0.97 0.00	24.35 0.91 0.00	25.87 0.95 0.00	29.54 1.08 0.00	31.26 1.12 0.00	31.86 1.40 0.00	31.56 1.30 0.00	27.44 0.77 0.00	24.24 0.73 0.00	22.29 0.54 0.00
ROSETON___2 23588	19.69 0.56 0.00	18.90 0.53 0.00	18.24 0.50 0.00	18.16 0.48 0.00	18.64 0.45 0.00	21.09 0.43 0.00	25.80 0.60 0.00	30.12 0.82 0.00	30.63 0.89 0.00	28.29 0.88 0.00	27.37 0.87 0.00	27.20 0.87 0.00	26.24 0.98 0.00	25.69 1.01 0.00	24.61 0.97 0.00	24.35 0.91 0.00	25.87 0.95 0.00	29.54 1.08 0.00	31.26 1.12 0.00	31.86 1.40 0.00	31.56 1.30 0.00	27.44 0.77 0.00	24.24 0.73 0.00	22.29 0.54 0.00
ROTTDRAM_115KV_TB3 80664	19.53 0.40 0.00	18.74 0.37 0.00	18.10 0.35 0.00	18.03 0.35 0.00	18.55 0.36 0.00	21.07 0.41 0.00	25.70 0.50 0.00	29.83 0.53 0.00	30.33 0.59 0.00	27.90 0.49 0.00	26.97 0.48 0.00	26.81 0.47 0.00	25.73 0.48 0.00	25.15 0.47 0.00	24.11 0.47 0.00	23.90 0.47 0.00	25.42 0.50 0.00	29.00 0.54 0.00	30.78 0.63 0.00	31.25 0.79 0.00	30.90 0.64 0.00	27.18 0.51 0.00	23.95 0.45 0.00	22.14 0.39 0.00
RUSSELL___1 23602	19.04 -0.10 0.00	18.31 -0.06 0.00	17.67 -0.07 0.00	17.62 -0.05 0.00	18.16 -0.02 0.00	20.76 0.10 0.00	25.29 0.10 0.00	29.21 -0.09 0.00	29.74 0.00 0.00	27.35 -0.05 0.00	26.44 -0.05 0.00	26.31 -0.03 0.00	25.13 -0.13 0.00	24.53 -0.15 0.00	23.33 -0.31 0.00	23.15 -0.28 0.00	24.45 -0.47 0.00	27.66 -0.80 0.00	29.60 -0.54 0.00	30.40 -0.06 0.00	30.02 -0.24 0.00	26.64 -0.03 0.00	23.34 -0.16 0.00	21.70 -0.04 0.00
RUSSELL___2 23532	19.04 -0.10 0.00	18.31 -0.06 0.00	17.67 -0.07 0.00	17.62 -0.05 0.00	18.16 -0.02 0.00	20.76 0.10 0.00	25.29 0.10 0.00	29.21 -0.09 0.00	29.74 0.00 0.00	27.35 -0.05 0.00	26.44 -0.05 0.00	26.31 -0.03 0.00	25.13 -0.13 0.00	24.53 -0.15 0.00	23.33 -0.31 0.00	23.15 -0.28 0.00	24.45 -0.47 0.00	27.66 -0.80 0.00	29.60 -0.54 0.00	30.40 -0.06 0.00	30.02 -0.24 0.00	26.64 -0.03 0.00	23.34 -0.16 0.00	21.70 -0.04 0.00
RUSSELL___3 23549	19.04 -0.10 0.00	18.31 -0.06 0.00	17.67 -0.07 0.00	17.62 -0.05 0.00	18.16 -0.02 0.00	20.76 0.10 0.00	25.29 0.10 0.00	29.21 -0.09 0.00	29.74 0.00 0.00	27.35 -0.05 0.00	26.44 -0.05 0.00	26.31 -0.03 0.00	25.13 -0.13 0.00	24.53 -0.15 0.00	23.33 -0.31 0.00	23.15 -0.28 0.00	24.45 -0.47 0.00	27.66 -0.80 0.00	29.60 -0.54 0.00	30.40 -0.06 0.00	30.02 -0.24 0.00	26.64 -0.03 0.00	23.34 -0.16 0.00	21.70 -0.04 0.00
RUSSELL___4 23556	19.04 -0.10 0.00	18.31 -0.06 0.00	17.67 -0.07 0.00	17.62 -0.05 0.00	18.16 -0.02 0.00	20.76 0.10 0.00	25.29 0.10 0.00	29.21 -0.09 0.00	29.74 0.00 0.00	27.35 -0.05 0.00	26.44 -0.05 0.00	26.31 -0.03 0.00	25.13 -0.13 0.00	24.53 -0.15 0.00	23.33 -0.31 0.00	23.15 -0.28 0.00	24.45 -0.47 0.00	27.66 -0.80 0.00	29.60 -0.54 0.00	30.40 -0.06 0.00	30.02 -0.24 0.00	26.64 -0.03 0.00	23.34 -0.16 0.00	21.70 -0.04 0.00
RUSSELL___STATION 23914	19.04 -0.10 0.00	18.31 -0.06 0.00	17.67 -0.07 0.00	17.62 -0.05 0.00	18.16 -0.02 0.00	20.76 0.10 0.00	25.29 0.10 0.00	29.21 -0.09 0.00	29.74 0.00 0.00	27.35 -0.05 0.00	26.44 -0.05 0.00	26.31 -0.03 0.00	25.13 -0.13 0.00	24.53 -0.15 0.00	23.33 -0.31 0.00	23.15 -0.28 0.00	24.45 -0.47 0.00	27.66 -0.80 0.00	29.60 -0.54 0.00	30.40 -0.06 0.00	30.02 -0.24 0.00	26.64 -0.03 0.00	23.34 -0.16 0.00	21.70 -0.04 0.00
S SALMON___HYD 24043	18.73 -0.40 0.00	17.98 -0.39 0.00	17.35 -0.39 0.00	17.29 -0.39 0.00	17.82 -0.36 0.00	20.26 -0.39 0.00	24.74 -0.45 0.00	28.89 -0.41 0.00	29.05 -0.68 0.00	26.67 -0.74 0.00	25.76 -0.74 0.00	25.60 -0.74 0.00	24.47 -0.78 0.00	23.87 -0.81 0.00	22.86 -0.78 0.00	22.66 -0.77 0.00	24.15 -0.77 0.00	27.63 -0.83 0.00	29.39 -0.75 0.00	29.85 -0.61 0.00	29.68 -0.58 0.00	26.11 -0.56 0.00	23.04 -0.47 0.00	21.38 -0.37 0.00
S.PERRY__115KV_TB1 80734	19.88 0.75 0.00	19.10 0.73 0.00	18.42 0.67 0.00	18.35 0.67 0.00	18.95 0.76 0.00	21.71 1.05 0.00	26.60 1.41 0.00	30.65 1.35 0.00	31.13 1.40 0.00	28.37 0.96 0.00	27.27 0.77 0.00	27.07 0.74 0.00	25.89 0.63 0.00	25.18 0.49 0.00	24.02 0.38 0.00	23.83 0.40 0.00	25.32 0.40 0.00	28.83 0.37 0.00	31.11 0.96 0.00	32.13 1.68 0.00	31.62 1.36 0.00	28.06 1.39 0.00	24.49 0.99 0.00	22.77 1.02 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.06 -0.08 0.00	18.42 0.06 0.00	17.81 0.07 0.00	17.75 0.07 0.00	18.31 0.13 0.00	20.92 0.27 0.00	25.45 0.25 0.00	29.16 -0.15 0.00	29.74 0.00 0.00	27.24 -0.16 0.00	26.26 -0.24 0.00	26.17 -0.16 0.00	25.05 -0.20 0.00	24.41 -0.27 0.00	23.17 -0.47 0.00	22.89 -0.54 0.00	24.03 -0.90 0.00	27.15 -1.31 0.00	29.18 -0.96 0.00	30.25 -0.21 0.00	29.75 -0.51 0.00	26.56 -0.11 0.00	23.25 -0.26 0.00	21.73 -0.02 0.00
SAWYER___23_KV_LOAD 55526	19.06 -0.08 0.00	18.42 0.06 0.00	17.81 0.07 0.00	17.75 0.07 0.00	18.31 0.13 0.00	20.92 0.27 0.00	25.45 0.25 0.00	29.16 -0.15 0.00	29.74 0.00 0.00	27.24 -0.16 0.00	26.26 -0.24 0.00	26.17 -0.16 0.00	25.05 -0.20 0.00	24.41 -0.27 0.00	23.17 -0.47 0.00	22.89 -0.54 0.00	24.03 -0.90 0.00	27.15 -1.31 0.00	29.18 -0.96 0.00	30.25 -0.21 0.00	29.75 -0.51 0.00	26.56 -0.11 0.00	23.25 -0.26 0.00	21.73 -0.02 0.00
SELKIRK___I 23801	19.69 0.56 0.00	18.90 0.53 0.00	18.26 0.51 0.00	18.21 0.53 0.00	18.73 0.54 0.00	21.25 0.60 0.00	25.92 0.73 0.00	30.09 0.79 0.00	30.51 0.77 0.00	28.07 0.66 0.00	27.13 0.63 0.00	26.96 0.63 0.00	25.86 0.61 0.00	25.30 0.62 0.00	24.23 0.59 0.00	24.02 0.59 0.00	25.55 0.62 0.00	29.14 0.68 0.00	30.90 0.75 0.00	31.40 0.95 0.00	31.20 0.94 0.00	27.31 0.64 0.00	24.07 0.56 0.00	22.27 0.52 0.00

SELKIRK___II 23799	19.59 0.46 0.00	18.81 0.44 0.00	18.17 0.43 0.00	18.10 0.42 0.00	18.62 0.44 0.00	21.11 0.45 0.00	25.75 0.55 0.00	29.95 0.64 0.00	30.39 0.65 0.00	27.96 0.55 0.00	27.06 0.56 0.00	26.89 0.55 0.00	25.81 0.55 0.00	25.25 0.57 0.00	24.18 0.54 0.00	23.97 0.54 0.00	25.50 0.57 0.00	29.08 0.63 0.00	30.84 0.69 0.00	31.37 0.91 0.00	31.14 0.88 0.00	27.23 0.56 0.00	24.00 0.49 0.00	22.18 0.43 0.00
SENECA OSWGO___HYD 24041	18.71 -0.42 0.00	17.98 -0.39 0.00	17.37 -0.37 0.00	17.31 -0.37 0.00	17.80 -0.38 0.00	20.26 -0.39 0.00	24.74 -0.45 0.00	28.78 -0.53 0.00	29.02 -0.71 0.00	26.70 -0.71 0.00	25.81 -0.69 0.00	25.65 -0.68 0.00	24.55 -0.71 0.00	23.94 -0.74 0.00	22.93 -0.71 0.00	22.73 -0.70 0.00	24.20 -0.72 0.00	27.63 -0.83 0.00	29.36 -0.78 0.00	29.79 -0.67 0.00	29.65 -0.60 0.00	26.06 -0.61 0.00	22.94 -0.56 0.00	21.31 -0.43 0.00
SENECA___115KV_TB3 355854	19.34 0.21 0.00	18.72 0.35 0.00	18.08 0.34 0.00	18.03 0.35 0.00	18.58 0.40 0.00	21.25 0.60 0.00	25.90 0.71 0.00	29.65 0.35 0.00	30.24 0.51 0.00	27.74 0.33 0.00	26.74 0.24 0.00	26.65 0.32 0.00	25.48 0.23 0.00	24.83 0.15 0.00	23.57 -0.07 0.00	23.27 -0.16 0.00	24.43 -0.50 0.00	27.60 -0.85 0.00	29.69 -0.45 0.00	30.76 0.30 0.00	30.23 -0.03 0.00	26.99 0.32 0.00	23.60 0.09 0.00	22.10 0.35 0.00
SENECA___ENERGY 23797	19.06 -0.08 0.00	18.33 -0.04 0.00	17.71 -0.04 0.00	17.62 -0.05 0.00	18.16 -0.02 0.00	20.74 0.08 0.00	25.37 0.18 0.00	29.51 0.21 0.00	29.77 0.03 0.00	27.35 -0.05 0.00	26.37 -0.13 0.00	26.23 -0.10 0.00	25.05 -0.20 0.00	24.44 -0.25 0.00	23.38 -0.26 0.00	23.17 -0.26 0.00	24.58 -0.35 0.00	28.03 -0.43 0.00	29.93 -0.21 0.00	30.52 0.06 0.00	30.38 0.12 0.00	26.59 -0.08 0.00	23.44 -0.07 0.00	21.77 0.02 0.00
SHOEMAKER___GT 23640	19.63 0.50 0.00	18.85 0.48 0.00	18.19 0.44 0.00	18.10 0.42 0.00	18.58 0.40 0.00	21.04 0.39 0.00	25.75 0.55 0.00	30.04 0.73 0.00	30.54 0.80 0.00	28.18 0.77 0.00	27.27 0.77 0.00	27.12 0.79 0.00	26.11 0.86 0.00	25.57 0.89 0.00	24.47 0.83 0.00	24.23 0.80 0.00	25.75 0.82 0.00	29.39 0.94 0.00	31.14 0.99 0.00	31.71 1.25 0.00	31.44 1.18 0.00	27.39 0.72 0.00	24.19 0.68 0.00	22.25 0.50 0.00
SHOEMAKR_138KV_BK 111 55601	19.63 0.50 0.00	18.85 0.48 0.00	18.17 0.43 0.00	18.10 0.42 0.00	18.58 0.40 0.00	21.05 0.39 0.00	25.75 0.55 0.00	29.92 0.62 0.00	30.51 0.77 0.00	28.20 0.79 0.00	27.27 0.77 0.00	27.12 0.79 0.00	26.09 0.83 0.00	25.52 0.84 0.00	24.47 0.83 0.00	24.23 0.80 0.00	25.75 0.82 0.00	29.40 0.94 0.00	31.20 1.05 0.00	31.68 1.22 0.00	31.14 0.88 0.00	27.34 0.67 0.00	24.19 0.68 0.00	22.25 0.50 0.00
SHOREHAM_IC_1 23715	20.51 1.38 0.00	19.49 1.12 0.00	18.79 1.05 0.00	18.72 1.04 0.00	19.22 1.04 0.00	21.96 1.30 0.00	26.20 1.01 0.00	30.65 1.35 0.00	31.43 1.69 0.00	29.48 2.06 -0.01	31.31 1.78 -3.04	31.18 1.74 -3.11	30.45 1.82 -3.38	30.27 1.68 -3.91	29.78 1.58 -4.55	30.37 1.59 -5.34	30.84 1.70 -4.22	31.57 2.16 -0.95	33.51 2.23 -1.14	38.30 2.68 -5.16	32.97 2.57 -0.14	31.64 1.97 -3.00	28.86 1.81 -3.55	23.28 1.52 -0.01
SHOREHAM_IC_2 23716	20.51 1.38 0.00	19.49 1.12 0.00	18.79 1.05 0.00	18.72 1.04 0.00	19.22 1.04 0.00	21.96 1.30 0.00	26.20 1.01 0.00	30.65 1.35 0.00	31.43 1.69 0.00	29.48 2.06 -0.01	31.31 1.78 -3.04	31.18 1.74 -3.11	30.45 1.82 -3.38	30.27 1.68 -3.91	29.78 1.58 -4.55	30.37 1.59 -5.34	30.84 1.70 -4.22	31.57 2.16 -0.95	33.51 2.23 -1.14	38.30 2.68 -5.16	32.97 2.57 -0.14	31.64 1.97 -3.00	28.86 1.81 -3.55	23.28 1.52 -0.01
SISSONVILLE____ 23735	18.54 -0.59 0.00	17.78 -0.59 0.00	17.17 -0.57 0.00	17.13 -0.55 0.00	17.65 -0.53 0.00	20.14 -0.52 0.00	24.46 -0.73 0.00	28.86 -0.44 0.00	29.08 -0.65 0.00	26.83 -0.58 0.00	25.89 -0.61 0.00	25.70 -0.63 0.00	24.57 -0.68 0.00	24.02 -0.67 0.00	22.98 -0.66 0.00	22.80 -0.63 0.00	24.33 -0.60 0.00	27.86 -0.60 0.00	29.36 -0.78 0.00	29.36 -1.10 0.00	29.50 -0.76 0.00	26.06 -0.61 0.00	22.89 -0.61 0.00	21.14 -0.61 0.00
SITHE_IND_GS1 24169	18.54 -0.59 0.00	17.82 -0.55 0.00	17.21 -0.53 0.00	17.15 -0.53 0.00	17.64 -0.54 0.00	20.05 -0.60 0.00	24.46 -0.73 0.00	28.45 -0.85 0.00	28.69 -1.04 0.00	26.45 -0.96 0.00	25.57 -0.93 0.00	25.41 -0.92 0.00	24.32 -0.93 0.00	23.74 -0.94 0.00	22.74 -0.90 0.00	22.54 -0.89 0.00	24.00 -0.92 0.00	27.40 -1.05 0.00	29.09 -1.06 0.00	29.48 -0.98 0.00	29.35 -0.91 0.00	25.79 -0.88 0.00	22.75 -0.75 0.00	21.14 -0.61 0.00
SITHE_IND_GS2 24170	18.54 -0.59 0.00	17.82 -0.55 0.00	17.21 -0.53 0.00	17.15 -0.53 0.00	17.64 -0.54 0.00	20.05 -0.60 0.00	24.46 -0.73 0.00	28.45 -0.85 0.00	28.69 -1.04 0.00	26.45 -0.96 0.00	25.57 -0.93 0.00	25.41 -0.92 0.00	24.32 -0.93 0.00	23.74 -0.94 0.00	22.74 -0.90 0.00	22.54 -0.89 0.00	24.00 -0.92 0.00	27.40 -1.05 0.00	29.09 -1.06 0.00	29.48 -0.98 0.00	29.35 -0.91 0.00	25.79 -0.88 0.00	22.75 -0.75 0.00	21.14 -0.61 0.00
SITHE_IND_GS3 24171	18.54 -0.59 0.00	17.82 -0.55 0.00	17.21 -0.53 0.00	17.15 -0.53 0.00	17.64 -0.54 0.00	20.05 -0.60 0.00	24.46 -0.73 0.00	28.45 -0.85 0.00	28.69 -1.04 0.00	26.45 -0.96 0.00	25.57 -0.93 0.00	25.41 -0.92 0.00	24.32 -0.93 0.00	23.74 -0.94 0.00	22.74 -0.90 0.00	22.54 -0.89 0.00	24.00 -0.92 0.00	27.40 -1.05 0.00	29.09 -1.06 0.00	29.48 -0.98 0.00	29.35 -0.91 0.00	25.79 -0.88 0.00	22.75 -0.75 0.00	21.14 -0.61 0.00
SITHE_IND_GS4 24172	18.54 -0.59 0.00	17.82 -0.55 0.00	17.21 -0.53 0.00	17.15 -0.53 0.00	17.64 -0.54 0.00	20.05 -0.60 0.00	24.46 -0.73 0.00	28.45 -0.85 0.00	28.69 -1.04 0.00	26.45 -0.96 0.00	25.57 -0.93 0.00	25.41 -0.92 0.00	24.32 -0.93 0.00	23.74 -0.94 0.00	22.74 -0.90 0.00	22.54 -0.89 0.00	24.00 -0.92 0.00	27.40 -1.05 0.00	29.09 -1.06 0.00	29.48 -0.98 0.00	29.35 -0.91 0.00	25.79 -0.88 0.00	22.75 -0.75 0.00	21.14 -0.61 0.00
SITHE___BATAVIA 24024	19.28 0.15 0.00	18.59 0.22 0.00	17.94 0.20 0.00	17.89 0.21 0.00	18.47 0.29 0.00	21.15 0.49 0.00	25.70 0.50 0.00	29.60 0.29 0.00	30.00 0.27 0.00	27.49 0.08 0.00	26.50 0.00 0.00	26.39 0.05 0.00	25.03 -0.23 0.00	24.36 -0.32 0.00	23.31 -0.33 0.00	23.10 -0.33 0.00	24.23 -0.70 0.00	27.43 -1.02 0.00	29.48 -0.66 0.00	30.28 -0.18 0.00	30.44 0.18 0.00	26.64 -0.03 0.00	23.58 0.07 0.00	21.99 0.24 0.00
SITHE___INDEPEND 23800	18.54 -0.59 0.00	17.82 -0.55 0.00	17.21 -0.53 0.00	17.15 -0.53 0.00	17.64 -0.55 0.00	20.05 -0.60 0.00	24.46 -0.73 0.00	28.42 -0.88 0.00	28.73 -1.01 0.00	26.45 -0.96 0.00	25.57 -0.93 0.00	25.41 -0.92 0.00	24.37 -0.88 0.00	23.79 -0.89 0.00	22.77 -0.87 0.00	22.59 -0.84 0.00	24.00 -0.92 0.00	27.40 -1.05 0.00	29.12 -1.02 0.00	29.54 -0.91 0.00	29.29 -0.97 0.00	25.84 -0.83 0.00	22.75 -0.75 0.00	21.14 -0.61 0.00

SITHE___MASSENA 23902	19.11 -0.02 0.00	18.33 -0.04 0.00	17.71 -0.04 0.00	17.66 -0.02 0.00	18.18 0.00 0.00	20.69 0.04 0.00	25.14 -0.05 0.00	29.39 0.09 0.00	29.83 0.09 0.00	27.49 0.08 0.00	26.58 0.08 0.00	26.39 0.05 0.00	25.26 0.00 0.00	24.66 -0.02 0.00	23.62 -0.02 0.00	23.43 0.00 0.00	24.97 0.05 0.00	28.57 0.11 0.00	30.17 0.03 0.00	30.18 -0.27 0.00	29.93 -0.33 0.00	26.72 0.05 0.00	23.51 0.00 0.00	21.73 -0.02 0.00
SITHE___OGDNSBRG 24021	19.11 -0.02 0.00	18.31 -0.06 0.00	17.69 -0.05 0.00	17.64 -0.04 0.00	18.18 0.00 0.00	20.76 0.10 0.00	25.27 0.08 0.00	29.86 0.56 0.00	30.06 0.33 0.00	27.74 0.33 0.00	26.71 0.21 0.00	26.52 0.18 0.00	25.36 0.10 0.00	24.78 0.10 0.00	23.69 0.05 0.00	23.48 0.05 0.00	25.05 0.12 0.00	28.68 0.23 0.00	30.29 0.15 0.00	30.31 -0.15 0.00	30.47 0.21 0.00	26.91 0.24 0.00	23.62 0.12 0.00	21.79 0.04 0.00
SITHE___STERLING 23777	19.59 0.46 0.00	18.79 0.42 0.00	18.13 0.39 0.00	18.07 0.39 0.00	18.62 0.44 0.00	21.21 0.56 0.00	25.95 0.76 0.00	30.33 1.03 0.00	30.63 0.89 0.00	28.15 0.74 0.00	27.19 0.69 0.00	27.02 0.68 0.00	25.84 0.58 0.00	25.25 0.57 0.00	24.21 0.57 0.00	23.99 0.56 0.00	25.60 0.67 0.00	29.23 0.77 0.00	31.05 0.90 0.00	31.46 1.00 0.00	31.32 1.06 0.00	27.52 0.85 0.00	24.21 0.70 0.00	22.40 0.65 0.00
SLEIGHT__34_KV_TB1 80719	18.81 -0.33 0.00	18.08 -0.29 0.00	17.44 -0.30 0.00	17.39 -0.28 0.00	17.93 -0.25 0.00	20.47 -0.19 0.00	24.99 -0.20 0.00	28.98 -0.32 0.00	29.38 -0.36 0.00	27.05 -0.36 0.00	26.13 -0.37 0.00	25.99 -0.34 0.00	24.85 -0.40 0.00	24.24 -0.44 0.00	23.10 -0.54 0.00	22.92 -0.52 0.00	24.28 -0.65 0.00	27.55 -0.91 0.00	29.42 -0.72 0.00	30.06 -0.40 0.00	29.72 -0.54 0.00	26.30 -0.37 0.00	23.06 -0.45 0.00	21.42 -0.33 0.00
SOUTH CAIRO___GT 23612	20.20 1.07 0.00	19.38 1.01 0.00	18.70 0.96 0.00	18.65 0.97 0.00	19.24 1.05 0.00	21.89 1.24 0.00	26.68 1.49 0.00	31.03 1.73 0.00	31.37 1.63 0.00	28.61 1.20 0.00	27.64 1.14 0.00	27.33 1.00 0.00	26.24 0.98 0.00	25.62 0.94 0.00	24.54 0.90 0.00	24.35 0.91 0.00	25.97 1.05 0.00	29.68 1.22 0.00	31.62 1.48 0.00	32.16 1.70 0.00	32.01 1.75 0.00	27.98 1.31 0.00	24.59 1.08 0.00	22.75 1.00 0.00
SOUTH HAMPTN___IC 23720	20.82 1.68 0.00	19.78 1.41 0.00	19.07 1.33 0.00	19.02 1.34 0.00	19.53 1.35 0.00	22.33 1.67 0.00	26.68 1.49 0.00	31.27 1.96 0.00	32.14 2.41 0.00	30.16 2.74 -0.01	32.06 2.52 -3.04	31.89 2.45 -3.11	31.11 2.48 -3.38	30.91 2.32 -3.91	30.37 2.17 -4.55	30.95 2.18 -5.34	31.44 2.29 -4.22	32.20 2.79 -0.95	34.17 2.89 -1.13	38.85 3.29 -5.10	33.58 3.18 -0.14	32.17 2.51 -3.00	29.31 2.26 -3.55	23.69 1.93 -0.01
SOUTHDOW__115KV_TB1 355954	20.13 0.99 0.00	19.51 1.14 0.00	18.81 1.06 0.00	18.77 1.10 0.00	19.38 1.20 0.00	22.24 1.59 0.00	27.26 2.07 0.00	31.24 1.93 0.00	31.88 2.14 0.00	29.25 1.84 0.00	28.14 1.64 0.00	28.02 1.69 0.00	26.75 1.49 0.00	26.01 1.33 0.00	24.66 1.02 0.00	24.30 0.87 0.00	25.52 0.60 0.00	28.88 0.43 0.00	31.08 0.93 0.00	32.22 1.77 0.00	31.59 1.33 0.00	28.27 1.60 0.00	24.63 1.13 0.00	23.07 1.33 0.00
SOUTHOLD_69_KV_BK 2 55809	21.06 1.93 0.00	20.00 1.63 0.00	19.30 1.56 0.00	19.23 1.56 0.00	19.75 1.56 0.00	22.59 1.94 0.00	27.26 2.07 0.00	31.73 2.43 0.00	32.74 3.00 0.00	30.60 3.18 -0.01	32.61 3.07 -3.04	32.39 2.95 -3.11	31.53 2.90 -3.38	31.28 2.69 -3.91	30.75 2.55 -4.55	31.33 2.55 -5.34	31.81 2.67 -4.22	32.76 3.36 -0.95	34.74 3.47 -1.13	39.27 3.72 -5.10	33.64 3.24 -0.14	32.49 2.83 -3.00	29.64 2.59 -3.55	24.00 2.24 -0.01
SOUTHOLD___IC 23719	21.06 1.93 0.00	20.00 1.63 0.00	19.30 1.56 0.00	19.23 1.56 0.00	19.75 1.56 0.00	22.59 1.94 0.00	27.03 1.84 0.00	31.67 2.37 0.00	32.62 2.88 0.00	30.63 3.21 -0.01	32.51 2.97 -3.04	32.36 2.92 -3.11	31.56 2.93 -3.38	31.33 2.74 -3.91	30.75 2.55 -4.55	31.33 2.55 -5.34	31.86 2.72 -4.22	32.68 3.27 -0.95	34.68 3.41 -1.13	39.33 3.78 -5.10	34.03 3.63 -0.14	32.55 2.88 -3.00	29.64 2.59 -3.55	24.00 2.24 -0.01
SOUTH_FORK_WT_PWR 323839	21.12 1.99 0.00	20.08 1.71 0.00	19.36 1.61 0.00	19.30 1.63 0.00	19.80 1.62 0.00	22.66 2.00 0.00	27.08 1.89 0.00	31.79 2.49 0.00	32.74 3.00 0.00	30.71 3.29 -0.01	32.61 3.07 -3.04	32.47 3.03 -3.11	31.63 3.00 -3.38	31.40 2.81 -3.91	30.79 2.60 -4.55	31.40 2.62 -5.34	31.91 2.77 -4.22	32.73 3.33 -0.95	34.74 3.46 -1.13	39.40 3.84 -5.10	34.12 3.72 -0.14	32.62 2.96 -3.00	29.71 2.66 -3.55	24.04 2.28 -0.01
SPIERFLS_115KV_TB 1 80737	19.63 0.50 0.00	18.79 0.42 0.00	18.17 0.43 0.00	18.12 0.44 0.00	18.67 0.49 0.00	21.23 0.58 0.00	25.97 0.78 0.00	30.18 0.88 0.00	30.69 0.95 0.00	28.15 0.74 0.00	27.24 0.74 0.00	27.04 0.71 0.00	25.96 0.71 0.00	25.30 0.62 0.00	24.26 0.61 0.00	24.02 0.59 0.00	25.55 0.62 0.00	29.14 0.68 0.00	31.02 0.87 0.00	31.46 1.01 0.00	31.14 0.88 0.00	27.36 0.69 0.00	24.07 0.56 0.00	22.20 0.46 0.00
ST LAWRENCE____ 23600	18.96 -0.17 0.00	18.20 -0.17 0.00	17.58 -0.16 0.00	17.54 -0.14 0.00	18.06 -0.13 0.00	20.53 -0.12 0.00	24.97 -0.23 0.00	29.07 -0.24 0.00	29.56 -0.18 0.00	27.27 -0.14 0.00	26.37 -0.13 0.00	26.18 -0.16 0.00	25.08 -0.18 0.00	24.48 -0.20 0.00	23.45 -0.19 0.00	23.27 -0.16 0.00	24.78 -0.15 0.00	28.34 -0.11 0.00	29.93 -0.21 0.00	29.91 -0.55 0.00	29.72 -0.54 0.00	26.51 -0.16 0.00	23.32 -0.19 0.00	21.55 -0.20 0.00
STATE_CA_115KV_115_LB 55624	19.78 0.65 0.00	18.98 0.61 0.00	18.33 0.59 0.00	18.28 0.60 0.00	18.80 0.62 0.00	21.34 0.68 0.00	26.00 0.81 0.00	30.18 0.88 0.00	30.69 0.95 0.00	28.23 0.82 0.00	27.32 0.82 0.00	27.15 0.82 0.00	26.06 0.81 0.00	25.47 0.79 0.00	24.44 0.80 0.00	24.21 0.77 0.00	25.75 0.82 0.00	29.37 0.91 0.00	31.14 0.99 0.00	31.65 1.19 0.00	31.23 0.97 0.00	27.47 0.80 0.00	24.23 0.73 0.00	22.40 0.65 0.00
STATE_ST_34_KV_LOAD 55959	19.11 -0.02 0.00	18.37 0.00 0.00	17.74 0.00 0.00	17.68 0.00 0.00	18.20 0.02 0.00	20.74 0.08 0.00	25.37 0.18 0.00	29.51 0.21 0.00	29.65 -0.09 0.00	27.35 -0.05 0.00	26.39 -0.11 0.00	26.23 -0.11 0.00	25.10 -0.15 0.00	24.51 -0.17 0.00	23.43 -0.21 0.00	23.24 -0.19 0.00	24.70 -0.22 0.00	28.17 -0.28 0.00	30.02 -0.12 0.00	30.55 0.09 0.00	30.23 -0.03 0.00	26.64 -0.03 0.00	23.39 -0.12 0.00	21.73 -0.02 0.00
STATION 5_MISC_HYD 23604	18.96 -0.17 0.00	18.24 -0.13 0.00	17.62 -0.12 0.00	17.55 -0.12 0.00	18.11 -0.07 0.00	20.67 0.02 0.00	25.14 -0.05 0.00	29.13 -0.17 0.00	29.50 -0.24 0.00	27.11 -0.30 0.00	26.21 -0.29 0.00	26.10 -0.24 0.00	24.83 -0.43 0.00	24.19 -0.49 0.00	23.17 -0.47 0.00	22.96 -0.47 0.00	24.20 -0.72 0.00	27.43 -1.02 0.00	29.33 -0.81 0.00	29.94 -0.52 0.00	29.99 -0.27 0.00	26.30 -0.37 0.00	23.22 -0.28 0.00	21.60 -0.15 0.00

STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.07 -0.06 0.00	18.33 -0.04 0.00	17.69 -0.05 0.00	17.64 -0.04 0.00	18.18 0.00 0.00	20.78 0.12 0.00	25.39 0.20 0.00	29.39 0.09 0.00	29.88 0.15 0.00	27.49 0.08 0.00	26.55 0.05 0.00	26.39 0.05 0.00	25.20 -0.05 0.00	24.58 -0.10 0.00	23.43 -0.21 0.00	23.24 -0.19 0.00	24.63 -0.30 0.00	27.94 -0.51 0.00	29.90 -0.24 0.00	30.58 0.12 0.00	30.20 -0.06 0.00	26.72 0.05 0.00	23.41 -0.09 0.00	21.77 0.02 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.85 -0.29 0.00	18.11 -0.26 0.00	17.49 -0.25 0.00	17.43 -0.25 0.00	17.98 -0.20 0.00	20.53 -0.12 0.00	25.02 -0.18 0.00	29.10 -0.21 0.00	29.62 -0.12 0.00	27.27 -0.14 0.00	26.37 -0.13 0.00	26.23 -0.11 0.00	25.05 -0.20 0.00	24.46 -0.22 0.00	23.29 -0.35 0.00	23.10 -0.33 0.00	24.40 -0.52 0.00	27.60 -0.85 0.00	29.33 -0.81 0.00	30.06 -0.40 0.00	29.72 -0.54 0.00	26.35 -0.32 0.00	23.08 -0.42 0.00	21.47 -0.28 0.00
STA_56____34_KV_BUS2 355983	18.85 -0.29 0.00	18.11 -0.26 0.00	17.49 -0.25 0.00	17.43 -0.25 0.00	17.98 -0.20 0.00	20.53 -0.12 0.00	25.02 -0.18 0.00	29.10 -0.21 0.00	29.62 -0.12 0.00	27.27 -0.14 0.00	26.37 -0.13 0.00	26.23 -0.11 0.00	25.05 -0.20 0.00	24.46 -0.22 0.00	23.29 -0.35 0.00	23.10 -0.33 0.00	24.40 -0.52 0.00	27.60 -0.85 0.00	29.33 -0.81 0.00	30.06 -0.40 0.00	29.72 -0.54 0.00	26.35 -0.32 0.00	23.08 -0.42 0.00	21.47 -0.28 0.00
STA_67____115KV_BK2 355882	18.92 -0.21 0.00	18.20 -0.17 0.00	17.58 -0.16 0.00	17.54 -0.14 0.00	18.07 -0.11 0.00	20.63 -0.02 0.00	25.14 -0.05 0.00	29.04 -0.26 0.00	29.53 -0.21 0.00	27.13 -0.27 0.00	26.23 -0.26 0.00	26.10 -0.24 0.00	24.95 -0.30 0.00	24.34 -0.35 0.00	23.17 -0.47 0.00	22.96 -0.47 0.00	24.25 -0.67 0.00	27.46 -1.00 0.00	29.39 -0.75 0.00	30.18 -0.27 0.00	29.81 -0.45 0.00	26.43 -0.24 0.00	23.18 -0.33 0.00	21.55 -0.20 0.00
STA_7____115KV_9TRANS 80674	19.04 -0.10 0.00	18.31 -0.06 0.00	17.67 -0.07 0.00	17.62 -0.05 0.00	18.16 -0.02 0.00	20.76 0.10 0.00	25.29 0.10 0.00	29.21 -0.09 0.00	29.74 0.00 0.00	27.35 -0.05 0.00	26.44 -0.05 0.00	26.31 -0.03 0.00	25.13 -0.13 0.00	24.53 -0.15 0.00	23.33 -0.31 0.00	23.15 -0.28 0.00	24.45 -0.47 0.00	27.66 -0.80 0.00	29.60 -0.54 0.00	30.40 -0.06 0.00	30.02 -0.24 0.00	26.64 -0.03 0.00	23.34 -0.16 0.00	21.70 -0.04 0.00
STA_82____115KV_TB1 80780	18.94 -0.19 0.00	18.22 -0.15 0.00	17.60 -0.14 0.00	17.54 -0.14 0.00	18.09 -0.09 0.00	20.65 0.00 0.00	25.17 -0.03 0.00	29.07 -0.23 0.00	29.56 -0.18 0.00	27.16 -0.25 0.00	26.23 -0.26 0.00	26.10 -0.24 0.00	24.95 -0.30 0.00	24.36 -0.32 0.00	23.19 -0.45 0.00	22.99 -0.45 0.00	24.28 -0.65 0.00	27.46 -1.00 0.00	29.42 -0.72 0.00	30.18 -0.27 0.00	29.81 -0.45 0.00	26.46 -0.21 0.00	23.18 -0.33 0.00	21.57 -0.17 0.00
STEEL____WIND 323596	19.32 0.19 0.00	18.70 0.33 0.00	18.06 0.32 0.00	18.01 0.34 0.00	18.58 0.40 0.00	21.25 0.60 0.00	25.82 0.63 0.00	29.63 0.32 0.00	30.06 0.33 0.00	27.55 0.14 0.00	26.55 0.05 0.00	26.49 0.16 0.00	25.15 -0.10 0.00	24.51 -0.17 0.00	23.43 -0.21 0.00	23.17 -0.26 0.00	24.23 -0.70 0.00	27.43 -1.02 0.00	29.42 -0.72 0.00	30.28 -0.18 0.00	30.41 0.15 0.00	26.59 -0.08 0.00	23.58 0.07 0.00	22.07 0.33 0.00
STEPHTWN_115KV_BK_2 55603	19.86 0.73 0.00	19.03 0.66 0.00	18.40 0.66 0.00	18.33 0.65 0.00	18.85 0.67 0.00	21.42 0.76 0.00	26.13 0.93 0.00	30.33 1.03 0.00	30.84 1.10 0.00	28.34 0.93 0.00	27.43 0.93 0.00	27.25 0.92 0.00	26.16 0.91 0.00	25.60 0.91 0.00	24.52 0.87 0.00	24.30 0.87 0.00	25.87 0.95 0.00	29.48 1.02 0.00	31.29 1.15 0.00	31.77 1.31 0.00	31.38 1.12 0.00	27.60 0.93 0.00	24.35 0.85 0.00	22.49 0.74 0.00
STEUBEN_REC_LFGE 323667	20.09 0.96 0.00	19.38 1.01 0.00	18.70 0.96 0.00	18.60 0.92 0.00	19.18 1.00 0.00	22.00 1.34 0.00	27.06 1.86 0.00	31.76 2.46 0.00	32.65 2.91 0.00	29.79 2.38 0.00	28.62 2.12 0.00	28.39 2.05 0.00	27.12 1.87 0.00	26.36 1.68 0.00	25.15 1.51 0.00	24.91 1.48 0.00	25.95 1.02 0.00	29.57 1.11 0.00	31.74 1.60 0.00	32.71 2.25 0.00	31.95 1.69 0.00	28.40 1.73 0.00	24.77 1.27 0.00	23.07 1.33 0.00
STILLWATER____SOLAR 323814	19.74 0.61 0.00	18.92 0.55 0.00	18.29 0.55 0.00	18.23 0.55 0.00	18.76 0.58 0.00	21.31 0.66 0.00	26.05 0.86 0.00	30.30 1.00 0.00	30.69 0.95 0.00	28.20 0.80 0.00	27.29 0.79 0.00	27.12 0.79 0.00	26.01 0.76 0.00	25.42 0.74 0.00	24.35 0.71 0.00	24.13 0.70 0.00	25.67 0.75 0.00	29.28 0.83 0.00	31.08 0.94 0.00	31.62 1.16 0.00	31.41 1.15 0.00	27.47 0.80 0.00	24.16 0.66 0.00	22.34 0.59 0.00
STONY____BROOK 24151	20.38 1.24 0.00	19.38 1.01 0.00	18.68 0.94 0.00	18.61 0.94 0.00	19.11 0.93 0.00	21.83 1.18 0.00	26.28 1.08 0.00	30.62 1.32 0.00	31.46 1.72 0.00	29.56 2.14 -0.01	31.47 1.93 -3.04	31.36 1.92 -3.11	30.65 2.02 -3.38	30.59 2.00 -3.91	30.09 1.89 -4.55	30.65 1.88 -5.34	31.12 1.97 -4.22	31.74 2.33 -0.95	33.71 2.41 -1.15	39.04 2.71 -5.87	33.02 2.60 -0.16	31.56 1.89 -3.00	28.79 1.74 -3.55	23.24 1.48 -0.01
STURGEON_POOL_HYD 23609	19.73 0.59 0.00	18.94 0.57 0.00	18.26 0.51 0.00	18.17 0.49 0.00	18.65 0.47 0.00	21.07 0.41 0.00	25.72 0.53 0.00	29.95 0.64 0.00	30.57 0.83 0.00	28.29 0.88 0.00	27.40 0.90 0.00	27.23 0.90 0.00	26.24 0.98 0.00	25.69 1.01 0.00	24.63 0.99 0.00	24.39 0.96 0.00	25.87 0.95 0.00	29.60 1.14 0.00	31.38 1.24 0.00	31.83 1.37 0.00	31.29 1.03 0.00	27.39 0.72 0.00	24.26 0.75 0.00	22.29 0.54 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.69 0.55 0.00	18.90 0.53 0.00	18.24 0.50 0.00	18.15 0.48 0.00	18.64 0.45 0.00	21.09 0.43 0.00	25.82 0.63 0.00	30.03 0.73 0.00	30.66 0.92 0.00	28.34 0.93 0.00	27.40 0.90 0.00	27.28 0.95 0.00	26.24 0.98 0.00	25.67 0.99 0.00	24.63 0.99 0.00	24.37 0.94 0.00	25.87 0.95 0.00	29.57 1.11 0.00	31.35 1.21 0.00	31.86 1.40 0.00	31.29 1.03 0.00	27.44 0.77 0.00	24.28 0.78 0.00	22.34 0.59 0.00
SWANROAD_115KV_TB1 355699	18.73 -0.40 0.00	18.09 -0.28 0.00	17.51 -0.23 0.00	17.45 -0.23 0.00	18.00 -0.18 0.00	20.55 -0.10 0.00	24.97 -0.23 0.00	28.57 -0.73 0.00	29.11 -0.62 0.00	26.67 -0.74 0.00	25.70 -0.79 0.00	25.62 -0.71 0.00	24.52 -0.73 0.00	23.89 -0.79 0.00	22.70 -0.95 0.00	22.42 -1.01 0.00	23.53 -1.40 0.00	26.58 -1.88 0.00	28.58 -1.57 0.00	29.64 -0.82 0.00	29.17 -1.09 0.00	26.03 -0.64 0.00	22.80 -0.71 0.00	21.31 -0.43 0.00
SYNERGY____BIOGAS 323694	19.28 0.15 0.00	18.59 0.22 0.00	17.94 0.20 0.00	17.89 0.21 0.00	18.47 0.29 0.00	21.15 0.49 0.00	25.70 0.50 0.00	29.60 0.29 0.00	30.00 0.27 0.00	27.49 0.08 0.00	26.50 0.00 0.00	26.39 0.05 0.00	25.03 -0.23 0.00	24.36 -0.32 0.00	23.31 -0.33 0.00	23.10 -0.33 0.00	24.23 -0.70 0.00	27.43 -1.02 0.00	29.48 -0.66 0.00	30.28 -0.18 0.00	30.44 0.18 0.00	26.64 -0.03 0.00	23.58 0.07 0.00	21.99 0.24 0.00

SYRACUSE___ENERGY_ST1 323597	18.98 -0.15 0.00	18.24 -0.13 0.00	17.62 -0.12 0.00	17.55 -0.12 0.00	18.07 -0.11 0.00	20.57 -0.08 0.00	25.14 -0.05 0.00	29.21 -0.09 0.00	29.44 -0.30 0.00	27.13 -0.27 0.00	26.23 -0.26 0.00	26.07 -0.26 0.00	24.95 -0.30 0.00	24.36 -0.32 0.00	23.31 -0.33 0.00	23.10 -0.33 0.00	24.58 -0.35 0.00	28.03 -0.43 0.00	29.81 -0.33 0.00	30.28 -0.18 0.00	29.99 -0.27 0.00	26.46 -0.21 0.00	23.25 -0.26 0.00	21.60 -0.15 0.00
SYRACUSE___ENERGY_ST2 323598	18.98 -0.15 0.00	18.24 -0.13 0.00	17.62 -0.12 0.00	17.55 -0.12 0.00	18.07 -0.11 0.00	20.57 -0.08 0.00	25.14 -0.05 0.00	29.21 -0.09 0.00	29.44 -0.30 0.00	27.13 -0.27 0.00	26.23 -0.26 0.00	26.07 -0.26 0.00	24.95 -0.30 0.00	24.36 -0.32 0.00	23.31 -0.33 0.00	23.10 -0.33 0.00	24.58 -0.35 0.00	28.03 -0.43 0.00	29.81 -0.33 0.00	30.28 -0.18 0.00	29.99 -0.27 0.00	26.46 -0.21 0.00	23.25 -0.26 0.00	21.60 -0.15 0.00
SYRACUSE___POWER 24017	18.98 -0.15 0.00	18.22 -0.15 0.00	17.62 -0.12 0.00	17.54 -0.14 0.00	18.05 -0.13 0.00	20.55 -0.10 0.00	25.14 -0.05 0.00	29.21 -0.09 0.00	29.47 -0.27 0.00	27.13 -0.27 0.00	26.23 -0.26 0.00	26.07 -0.26 0.00	24.98 -0.28 0.00	24.39 -0.30 0.00	23.31 -0.33 0.00	23.13 -0.30 0.00	24.60 -0.32 0.00	28.06 -0.40 0.00	29.87 -0.27 0.00	30.34 -0.12 0.00	30.02 -0.24 0.00	26.48 -0.19 0.00	23.27 -0.24 0.00	21.60 -0.15 0.00
TALLMAN__138KV_BK151 55660	19.78 0.65 0.00	18.98 0.61 0.00	18.31 0.57 0.00	18.23 0.55 0.00	18.69 0.51 0.00	21.15 0.50 0.00	25.92 0.73 0.00	30.18 0.88 0.00	30.81 1.07 0.00	28.53 1.12 0.00	27.56 1.06 0.00	27.44 1.11 0.00	26.44 1.19 0.00	25.87 1.18 0.00	24.82 1.18 0.00	24.53 1.10 0.00	26.05 1.12 0.00	29.77 1.31 0.00	31.56 1.42 0.00	32.07 1.61 0.00	31.44 1.18 0.00	27.58 0.91 0.00	24.40 0.89 0.00	22.42 0.67 0.00
TEALLAVE_115KV_TB7 355573	18.88 -0.25 0.00	18.15 -0.22 0.00	17.53 -0.21 0.00	17.47 -0.21 0.00	17.98 -0.20 0.00	20.45 -0.21 0.00	24.99 -0.20 0.00	29.04 -0.26 0.00	29.32 -0.42 0.00	27.00 -0.41 0.00	26.10 -0.40 0.00	25.94 -0.39 0.00	24.85 -0.40 0.00	24.26 -0.42 0.00	23.22 -0.43 0.00	23.01 -0.42 0.00	24.45 -0.47 0.00	27.89 -0.57 0.00	29.66 -0.48 0.00	30.15 -0.30 0.00	29.84 -0.42 0.00	26.32 -0.35 0.00	23.15 -0.35 0.00	21.49 -0.26 0.00
TELGRAPH_34_KV_EAST 80808	19.09 -0.04 0.00	18.42 0.06 0.00	17.80 0.05 0.00	17.75 0.07 0.00	18.31 0.13 0.00	20.94 0.29 0.00	25.47 0.28 0.00	29.21 -0.09 0.00	29.80 0.06 0.00	27.30 -0.11 0.00	26.31 -0.19 0.00	26.20 -0.13 0.00	25.05 -0.20 0.00	24.41 -0.27 0.00	23.17 -0.47 0.00	22.94 -0.49 0.00	24.10 -0.82 0.00	27.20 -1.25 0.00	29.27 -0.87 0.00	30.31 -0.15 0.00	29.87 -0.39 0.00	26.62 -0.05 0.00	23.29 -0.21 0.00	21.73 -0.02 0.00
TEMPLE___115KV_TB 2 55572	18.90 -0.23 0.00	18.17 -0.20 0.00	17.55 -0.20 0.00	17.47 -0.21 0.00	17.98 -0.20 0.00	20.47 -0.19 0.00	25.02 -0.18 0.00	29.07 -0.23 0.00	29.32 -0.42 0.00	27.00 -0.41 0.00	26.13 -0.37 0.00	25.96 -0.37 0.00	24.88 -0.38 0.00	24.29 -0.39 0.00	23.22 -0.43 0.00	23.03 -0.40 0.00	24.48 -0.45 0.00	27.92 -0.54 0.00	29.69 -0.45 0.00	30.15 -0.30 0.00	29.87 -0.39 0.00	26.35 -0.32 0.00	23.15 -0.35 0.00	21.51 -0.24 0.00
TIANA____69_KV_BK 1 55817	20.74 1.61 0.00	19.71 1.34 0.00	19.00 1.26 0.00	18.93 1.26 0.00	19.44 1.25 0.00	22.22 1.57 0.00	26.81 1.61 0.00	31.15 1.85 0.00	32.06 2.32 0.00	30.00 2.58 -0.01	31.98 2.44 -3.04	31.73 2.29 -3.11	30.93 2.30 -3.38	30.71 2.12 -3.91	30.23 2.03 -4.55	30.79 2.02 -5.34	31.24 2.09 -4.22	32.14 2.73 -0.95	34.08 2.80 -1.13	38.66 3.11 -5.10	33.03 2.63 -0.14	31.96 2.29 -3.00	29.19 2.14 -3.55	23.59 1.83 -0.01
TILDEN___115KV_TB1 80814	18.98 -0.15 0.00	18.22 -0.15 0.00	17.62 -0.12 0.00	17.54 -0.14 0.00	18.05 -0.13 0.00	20.55 -0.10 0.00	25.14 -0.05 0.00	29.21 -0.09 0.00	29.47 -0.27 0.00	27.13 -0.27 0.00	26.23 -0.26 0.00	26.07 -0.26 0.00	24.98 -0.28 0.00	24.39 -0.30 0.00	23.31 -0.33 0.00	23.13 -0.30 0.00	24.60 -0.32 0.00	28.06 -0.40 0.00	29.87 -0.27 0.00	30.34 -0.12 0.00	30.02 -0.24 0.00	26.48 -0.19 0.00	23.27 -0.24 0.00	21.60 -0.15 0.00
TRIGEN___CC 323695	20.01 0.88 0.00	19.09 0.72 0.00	18.40 0.66 0.00	18.33 0.65 0.00	18.80 0.62 0.00	21.40 0.74 0.00	26.05 0.86 0.00	30.24 0.94 0.00	31.04 1.31 0.00	28.98 1.56 -0.01	30.92 1.38 -3.04	30.86 1.42 -3.11	30.12 1.49 -3.38	30.05 1.46 -3.91	29.66 1.47 -4.55	30.15 1.38 -5.34	30.57 1.42 -4.22	31.07 1.68 -0.93	32.96 1.81 -1.00	32.48 2.01 -0.01	31.81 1.54 -0.01	30.84 1.17 -3.00	28.24 1.20 -3.54	22.78 1.02 -0.01
TRINITY__115KV__4 BK 55933	19.69 0.55 0.00	18.88 0.51 0.00	18.24 0.50 0.00	18.17 0.49 0.00	18.69 0.51 0.00	21.21 0.56 0.00	25.85 0.66 0.00	30.01 0.70 0.00	30.51 0.77 0.00	28.04 0.63 0.00	27.13 0.64 0.00	26.96 0.63 0.00	25.89 0.63 0.00	25.32 0.64 0.00	24.28 0.64 0.00	24.06 0.63 0.00	25.60 0.67 0.00	29.20 0.74 0.00	30.96 0.81 0.00	31.46 1.01 0.00	31.05 0.79 0.00	27.31 0.64 0.00	24.12 0.61 0.00	22.29 0.54 0.00
UNION___PROCESSING_DRP 323587	18.94 -0.19 0.00	18.22 -0.15 0.00	17.60 -0.14 0.00	17.54 -0.14 0.00	18.09 -0.09 0.00	20.65 0.00 0.00	25.17 -0.03 0.00	29.07 -0.23 0.00	29.56 -0.18 0.00	27.16 -0.25 0.00	26.26 -0.24 0.00	26.12 -0.21 0.00	24.98 -0.28 0.00	24.36 -0.32 0.00	23.19 -0.45 0.00	22.99 -0.45 0.00	24.28 -0.65 0.00	27.49 -0.97 0.00	29.42 -0.72 0.00	30.18 -0.27 0.00	29.84 -0.42 0.00	26.46 -0.21 0.00	23.20 -0.31 0.00	21.57 -0.17 0.00
UPPER HUDSON___HYD 24058	19.63 0.50 0.00	18.79 0.42 0.00	18.17 0.43 0.00	18.12 0.44 0.00	18.67 0.49 0.00	21.23 0.58 0.00	26.00 0.81 0.00	30.27 0.97 0.00	30.69 0.95 0.00	28.18 0.77 0.00	27.27 0.77 0.00	27.07 0.74 0.00	25.99 0.73 0.00	25.35 0.67 0.00	24.25 0.61 0.00	24.04 0.61 0.00	25.57 0.65 0.00	29.17 0.71 0.00	31.02 0.87 0.00	31.52 1.07 0.00	31.35 1.09 0.00	27.39 0.72 0.00	24.07 0.56 0.00	22.21 0.46 0.00
UPPER RAQUET___HYD 24056	18.54 -0.59 0.00	17.78 -0.59 0.00	17.17 -0.57 0.00	17.13 -0.55 0.00	17.65 -0.53 0.00	20.14 -0.52 0.00	24.46 -0.73 0.00	28.74 -0.56 0.00	29.08 -0.65 0.00	26.83 -0.58 0.00	25.91 -0.58 0.00	25.70 -0.63 0.00	24.60 -0.66 0.00	23.99 -0.69 0.00	22.98 -0.66 0.00	22.80 -0.63 0.00	24.33 -0.60 0.00	27.89 -0.57 0.00	29.42 -0.72 0.00	29.39 -1.07 0.00	29.14 -1.12 0.00	26.06 -0.61 0.00	22.89 -0.61 0.00	21.14 -0.61 0.00
VALLEY44_115KV_TB2 355964	19.67 0.54 0.00	19.07 0.70 0.00	18.40 0.66 0.00	18.31 0.64 0.00	18.89 0.71 0.00	21.64 0.99 0.00	26.60 1.41 0.00	30.33 1.03 0.00	30.96 1.22 0.00	28.40 0.99 0.00	27.27 0.77 0.00	27.18 0.84 0.00	25.94 0.68 0.00	25.25 0.57 0.00	24.00 0.35 0.00	23.67 0.23 0.00	24.92 0.00 0.00	28.26 -0.20 0.00	30.35 0.21 0.00	31.55 1.10 0.00	30.77 0.51 0.00	27.60 0.93 0.00	24.14 0.63 0.00	22.71 0.96 0.00

VALLEY___115KV_TB 1-4 80826	19.51 0.38 0.00	18.72 0.35 0.00	18.06 0.32 0.00	18.00 0.32 0.00	18.49 0.31 0.00	20.98 0.33 0.00	25.60 0.40 0.00	29.74 0.44 0.00	30.21 0.48 0.00	27.87 0.47 0.00	26.97 0.48 0.00	26.86 0.53 0.00	25.76 0.51 0.00	25.18 0.49 0.00	24.09 0.45 0.00	23.88 0.45 0.00	25.42 0.50 0.00	29.00 0.54 0.00	30.72 0.57 0.00	31.04 0.58 0.00	30.68 0.42 0.00	27.02 0.35 0.00	23.79 0.28 0.00	21.97 0.22 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.24 1.11 0.00	19.42 1.05 0.00	18.74 0.99 0.00	18.65 0.97 0.00	19.22 1.04 0.00	21.89 1.24 0.00	26.93 1.74 0.00	31.50 2.20 0.00	32.35 2.62 0.00	29.90 2.49 0.00	28.80 2.31 0.00	28.68 2.34 0.00	27.38 2.12 0.00	26.73 2.05 0.00	25.58 1.94 0.00	25.28 1.85 0.00	26.89 1.97 0.00	30.56 2.11 0.00	32.46 2.32 0.00	33.02 2.56 0.00	32.47 2.21 0.00	28.64 1.97 0.00	25.20 1.69 0.00	23.25 1.50 0.00
VISCHER___FERRY HYD 24020	19.61 0.48 0.00	18.79 0.42 0.00	18.17 0.43 0.00	18.10 0.42 0.00	18.62 0.44 0.00	21.15 0.49 0.00	25.80 0.60 0.00	29.98 0.67 0.00	30.36 0.63 0.00	27.90 0.49 0.00	27.03 0.53 0.00	26.83 0.50 0.00	25.73 0.48 0.00	25.20 0.52 0.00	24.14 0.50 0.00	23.95 0.51 0.00	25.50 0.57 0.00	29.06 0.60 0.00	30.81 0.66 0.00	31.40 0.95 0.00	31.17 0.91 0.00	27.23 0.56 0.00	23.98 0.47 0.00	22.18 0.43 0.00
V_A_10_SYNC_DSASP 323832	18.73 -0.40 0.00	18.07 -0.29 0.00	17.48 -0.27 0.00	17.41 -0.26 0.00	17.96 -0.22 0.00	20.51 -0.14 0.00	24.89 -0.30 0.00	28.69 -0.62 0.00	29.05 -0.68 0.00	26.64 -0.77 0.00	25.70 -0.79 0.00	25.60 -0.74 0.00	24.37 -0.88 0.00	23.74 -0.94 0.00	22.72 -0.92 0.00	22.49 -0.94 0.00	23.60 -1.32 0.00	26.75 -1.71 0.00	28.64 -1.51 0.00	29.36 -1.10 0.00	29.47 -0.79 0.00	25.81 -0.85 0.00	22.87 -0.63 0.00	21.33 -0.41 0.00
V_CMM_10_SYNC_DSASP 323787	19.06 -0.08 0.00	18.28 -0.09 0.00	17.67 -0.07 0.00	17.61 -0.07 0.00	18.13 -0.05 0.00	20.63 -0.02 0.00	25.07 -0.13 0.00	29.24 -0.06 0.00	29.68 -0.06 0.00	27.41 0.00 0.00	26.47 -0.03 0.00	26.28 -0.05 0.00	25.18 -0.08 0.00	24.61 -0.07 0.00	23.57 -0.07 0.00	23.36 -0.07 0.00	24.87 -0.05 0.00	28.46 0.00 0.00	30.05 -0.09 0.00	30.06 -0.40 0.00	29.84 -0.42 0.00	26.62 -0.05 0.00	23.44 -0.07 0.00	21.66 -0.09 0.00
V_CMP_10_SYNC_DSASP 323788	19.55 0.42 0.00	18.77 0.40 0.00	18.20 0.46 0.00	18.19 0.51 0.00	18.80 0.62 0.00	21.52 0.87 0.00	25.75 0.55 0.00	30.65 1.35 0.00	30.96 1.22 0.00	29.08 1.67 0.00	28.06 1.56 0.00	27.78 1.45 0.00	26.49 1.24 0.00	25.77 1.08 0.00	24.59 0.95 0.00	24.42 0.98 0.00	26.05 1.12 0.00	30.02 1.56 0.00	31.89 1.75 0.00	31.98 1.52 0.00	31.53 1.27 0.00	28.05 1.39 0.00	24.59 1.08 0.00	22.66 0.91 0.00
V_D_10_SYNC_DSASP 323841	19.11 -0.02 0.00	18.33 -0.04 0.00	17.71 -0.04 0.00	17.66 -0.02 0.00	18.18 0.00 0.00	20.72 0.06 0.00	25.14 -0.05 0.00	29.42 0.12 0.00	29.83 0.09 0.00	27.49 0.08 0.00	26.58 0.08 0.00	26.39 0.05 0.00	25.26 0.00 0.00	24.66 -0.02 0.00	23.62 -0.02 0.00	23.46 0.02 0.00	24.97 0.05 0.00	28.57 0.11 0.00	30.17 0.03 0.00	30.18 -0.27 0.00	29.96 -0.30 0.00	26.72 0.05 0.00	23.51 0.00 0.00	21.73 -0.02 0.00
V_E_10_SYNC_DSASP 323830	20.82 1.68 0.00	19.99 1.62 0.00	19.25 1.51 0.00	19.18 1.50 0.00	19.78 1.60 0.00	22.68 2.03 0.00	27.92 2.72 0.00	32.73 3.43 0.00	32.98 3.24 0.00	30.23 2.82 0.00	28.96 2.46 0.00	28.68 2.34 0.00	27.30 2.04 0.00	26.58 1.90 0.00	25.46 1.82 0.00	25.28 1.85 0.00	27.02 2.09 0.00	30.82 2.36 0.00	33.07 2.92 0.00	33.72 3.26 0.00	33.56 3.30 0.00	29.36 2.69 0.00	25.78 2.28 0.00	23.86 2.11 0.00
V_F_30_NSYNC___DSASP 323816	19.76 0.63 0.00	18.94 0.57 0.00	18.31 0.57 0.00	18.26 0.58 0.00	18.80 0.62 0.00	21.36 0.70 0.00	26.10 0.91 0.00	30.36 1.05 0.00	30.75 1.01 0.00	28.26 0.85 0.00	27.35 0.85 0.00	27.15 0.82 0.00	26.06 0.81 0.00	25.47 0.79 0.00	24.40 0.76 0.00	24.16 0.73 0.00	25.72 0.80 0.00	29.31 0.85 0.00	31.14 0.99 0.00	31.68 1.22 0.00	31.47 1.21 0.00	27.52 0.85 0.00	24.21 0.70 0.00	22.36 0.61 0.00
V_F_30_SYNC_DSASP 323786	19.78 0.65 0.00	18.98 0.61 0.00	18.33 0.59 0.00	18.26 0.58 0.00	18.80 0.62 0.00	21.31 0.66 0.00	26.00 0.81 0.00	30.18 0.88 0.00	30.69 0.95 0.00	28.23 0.82 0.00	27.32 0.82 0.00	27.15 0.82 0.00	26.06 0.81 0.00	25.47 0.79 0.00	24.42 0.78 0.00	24.21 0.77 0.00	25.75 0.82 0.00	29.37 0.91 0.00	31.14 0.99 0.00	31.65 1.19 0.00	31.23 0.97 0.00	27.47 0.80 0.00	24.23 0.73 0.00	22.40 0.65 0.00
V_XM_10_SYNC_DSASP 323789	19.55 0.42 0.00	18.77 0.40 0.00	18.20 0.46 0.00	18.19 0.51 0.00	18.80 0.62 0.00	21.52 0.87 0.00	25.75 0.55 0.00	30.65 1.35 0.00	30.96 1.22 0.00	29.08 1.67 0.00	28.06 1.56 0.00	27.78 1.45 0.00	26.49 1.24 0.00	25.77 1.08 0.00	24.59 0.95 0.00	24.42 0.98 0.00	26.05 1.12 0.00	30.02 1.56 0.00	31.89 1.75 0.00	31.98 1.52 0.00	31.53 1.27 0.00	28.05 1.39 0.00	24.59 1.08 0.00	22.66 0.91 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.84 0.71 0.00	19.03 0.66 0.00	18.36 0.62 0.00	18.28 0.60 0.00	18.75 0.56 0.00	21.21 0.56 0.00	26.00 0.81 0.00	30.27 0.97 0.00	30.90 1.16 0.00	28.61 1.21 0.00	27.66 1.17 0.00	27.54 1.21 0.00	26.52 1.26 0.00	25.94 1.26 0.00	24.89 1.25 0.00	24.63 1.20 0.00	26.12 1.20 0.00	29.88 1.42 0.00	31.65 1.51 0.00	32.16 1.71 0.00	31.53 1.27 0.00	27.66 0.99 0.00	24.47 0.96 0.00	22.49 0.74 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.92 0.78 0.00	19.09 0.72 0.00	18.43 0.69 0.00	18.33 0.65 0.00	18.78 0.60 0.00	21.19 0.54 0.00	25.95 0.76 0.00	30.30 1.00 0.00	31.04 1.31 0.00	28.81 1.40 0.00	27.80 1.30 0.00	27.70 1.37 0.00	26.75 1.49 0.00	26.14 1.46 0.00	25.08 1.44 0.00	24.81 1.38 0.00	26.32 1.40 0.00	30.14 1.68 0.00	31.92 1.78 0.00	32.32 1.86 0.00	31.68 1.42 0.00	27.66 0.99 0.00	24.54 1.03 0.00	22.49 0.74 0.00
W50THST__13_KV_LOAD 356117	19.97 0.84 0.00	19.14 0.77 0.00	18.49 0.75 0.00	18.38 0.71 0.00	18.84 0.65 0.00	21.25 0.60 0.00	26.05 0.86 0.00	30.42 1.11 0.00	31.16 1.43 0.00	28.92 1.51 0.00	27.90 1.40 0.00	27.83 1.50 0.00	26.87 1.62 0.00	26.26 1.58 0.00	25.20 1.56 0.00	24.91 1.48 0.00	26.44 1.52 0.00	30.25 1.79 0.00	32.04 1.90 0.00	32.44 1.98 0.00	31.77 1.51 0.00	27.74 1.07 0.00	24.61 1.10 0.00	22.55 0.80 0.00
WADING RIVER_IC_1 23522	20.51 1.38 0.00	19.49 1.12 0.00	18.79 1.05 0.00	18.72 1.04 0.00	19.22 1.04 0.00	21.98 1.32 0.00	26.17 0.98 0.00	30.65 1.35 0.00	31.43 1.69 0.00	29.50 2.08 -0.01	31.31 1.78 -3.04	31.20 1.76 -3.11	30.45 1.82 -3.38	30.27 1.68 -3.91	29.78 1.58 -4.55	30.34 1.57 -5.34	30.82 1.67 -4.22	31.54 2.14 -0.95	33.51 2.23 -1.14	38.26 2.68 -5.12	32.97 2.57 -0.14	31.64 1.97 -3.00	28.86 1.81 -3.55	23.28 1.52 -0.01

WADING RIVER_IC_2 23547	20.51 1.38 0.00	19.49 1.12 0.00	18.79 1.05 0.00	18.72 1.04 0.00	19.22 1.04 0.00	21.98 1.32 0.00	26.17 0.98 0.00	30.65 1.35 0.00	31.43 1.69 0.00	29.50 2.08 -0.01	31.31 1.78 -3.04	31.20 1.76 -3.11	30.45 1.82 -3.38	30.27 1.68 -3.91	29.78 1.58 -4.55	30.34 1.57 -5.34	30.82 1.67 -4.22	31.54 2.14 -0.95	33.51 2.23 -1.14	38.26 2.68 -5.12	32.97 2.57 -0.14	31.64 1.97 -3.00	28.86 1.81 -3.55	23.28 1.52 -0.01
WADING RIVER_IC_3 23601	20.51 1.38 0.00	19.49 1.12 0.00	18.79 1.05 0.00	18.72 1.04 0.00	19.22 1.04 0.00	21.98 1.32 0.00	26.17 0.98 0.00	30.65 1.35 0.00	31.43 1.69 0.00	29.50 2.08 -0.01	31.31 1.78 -3.04	31.20 1.76 -3.11	30.45 1.82 -3.38	30.27 1.68 -3.91	29.78 1.58 -4.55	30.34 1.57 -5.34	30.82 1.67 -4.22	31.54 2.14 -0.95	33.51 2.23 -1.14	38.26 2.68 -5.12	32.97 2.57 -0.14	31.64 1.97 -3.00	28.86 1.81 -3.55	23.28 1.52 -0.01
WALDENNY_I2_KV_BK2 80841	19.30 0.17 0.00	18.68 0.31 0.00	18.04 0.30 0.00	18.00 0.32 0.00	18.55 0.36 0.00	21.21 0.56 0.00	25.85 0.66 0.00	29.57 0.26 0.00	30.21 0.48 0.00	27.68 0.27 0.00	26.68 0.19 0.00	26.62 0.29 0.00	25.46 0.20 0.00	24.81 0.12 0.00	23.52 -0.12 0.00	23.24 -0.19 0.00	24.40 -0.52 0.00	27.57 -0.88 0.00	29.63 -0.51 0.00	30.70 0.24 0.00	30.17 -0.09 0.00	26.94 0.27 0.00	23.55 0.05 0.00	22.03 0.28 0.00
WALDEN___HYDRO 24148	19.88 0.75 0.00	19.07 0.70 0.00	18.38 0.64 0.00	18.31 0.64 0.00	18.80 0.62 0.00	21.27 0.62 0.00	26.02 0.83 0.00	30.27 0.97 0.00	30.87 1.13 0.00	28.53 1.12 0.00	27.58 1.09 0.00	27.47 1.13 0.00	26.39 1.14 0.00	25.82 1.14 0.00	24.78 1.13 0.00	24.53 1.10 0.00	26.05 1.12 0.00	29.82 1.37 0.00	31.65 1.51 0.00	32.16 1.71 0.00	31.62 1.36 0.00	27.71 1.04 0.00	24.47 0.96 0.00	22.49 0.74 0.00
WARRENSBURG___ 23737	19.63 0.50 0.00	18.79 0.42 0.00	18.17 0.43 0.00	18.12 0.44 0.00	18.67 0.49 0.00	21.23 0.58 0.00	26.00 0.81 0.00	30.27 0.97 0.00	30.69 0.95 0.00	28.18 0.77 0.00	27.27 0.77 0.00	27.07 0.74 0.00	25.99 0.73 0.00	25.35 0.67 0.00	24.25 0.61 0.00	24.04 0.61 0.00	25.57 0.65 0.00	29.17 0.71 0.00	31.02 0.87 0.00	31.52 1.07 0.00	31.35 1.09 0.00	27.39 0.72 0.00	24.07 0.56 0.00	22.21 0.46 0.00
WATERSIDE___6 8 9 23538	19.99 0.86 0.00	19.14 0.77 0.00	18.47 0.73 0.00	18.37 0.69 0.00	18.82 0.64 0.00	21.15 0.50 0.00	25.87 0.68 0.00	30.21 0.91 0.00	30.99 1.25 0.00	28.75 1.34 0.00	27.74 1.25 0.00	27.70 1.37 0.00	26.77 1.52 0.00	26.16 1.48 0.00	25.11 1.47 0.00	24.84 1.41 0.00	26.34 1.42 0.00	30.19 1.74 0.00	31.92 1.78 0.00	32.32 1.86 0.00	31.65 1.39 0.00	27.60 0.93 0.00	24.54 1.03 0.00	22.49 0.74 0.00
WATKINRD_115KV_LN8_ILLION 55919	19.40 0.27 0.00	18.63 0.26 0.00	17.97 0.23 0.00	17.91 0.23 0.00	18.42 0.24 0.00	20.90 0.25 0.00	25.52 0.33 0.00	29.65 0.35 0.00	30.12 0.39 0.00	27.77 0.36 0.00	26.84 0.34 0.00	26.70 0.37 0.00	25.61 0.35 0.00	25.03 0.35 0.00	23.97 0.33 0.00	23.78 0.35 0.00	25.32 0.40 0.00	28.88 0.43 0.00	30.59 0.45 0.00	30.98 0.52 0.00	30.65 0.39 0.00	26.99 0.32 0.00	23.79 0.28 0.00	21.97 0.22 0.00
WATSON___69_KV_BK 1 55734	20.66 1.53 0.00	19.65 1.29 0.00	18.95 1.21 0.00	18.88 1.20 0.00	19.38 1.20 0.00	22.14 1.49 0.00	26.88 1.69 0.00	31.24 1.93 0.00	32.14 2.41 0.00	30.05 2.63 -0.01	31.98 2.44 -3.04	31.89 2.45 -3.11	31.08 2.45 -3.38	30.98 2.39 -3.91	30.51 2.32 -4.55	31.07 2.30 -5.34	31.57 2.42 -4.22	32.27 2.87 -0.94	34.15 2.95 -1.05	35.41 3.17 -1.78	33.04 2.72 -0.06	32.06 2.40 -3.00	29.24 2.19 -3.55	23.65 1.89 -0.01
WDELAWARE___HYD 323627	19.97 0.84 0.00	19.18 0.81 0.00	18.47 0.73 0.00	18.39 0.71 0.00	18.89 0.71 0.00	21.40 0.74 0.00	26.20 1.01 0.00	30.62 1.32 0.00	31.19 1.46 0.00	28.81 1.40 0.00	27.87 1.38 0.00	27.67 1.34 0.00	26.64 1.39 0.00	26.06 1.38 0.00	24.94 1.30 0.00	24.72 1.29 0.00	26.24 1.32 0.00	30.02 1.56 0.00	31.86 1.72 0.00	32.44 1.98 0.00	32.20 1.94 0.00	27.95 1.28 0.00	24.63 1.13 0.00	22.64 0.89 0.00
WEST BABYLON___IC 23714	20.47 1.34 0.00	19.47 1.10 0.00	18.77 1.03 0.00	18.70 1.03 0.00	19.20 1.02 0.00	21.91 1.26 0.00	26.60 1.41 0.00	30.91 1.61 0.00	31.79 2.05 0.00	29.72 2.30 -0.01	31.63 2.09 -3.04	31.55 2.11 -3.11	30.78 2.15 -3.38	30.69 2.10 -3.91	30.25 2.06 -4.55	30.79 2.02 -5.34	31.24 2.09 -4.22	31.89 2.50 -0.93	33.75 2.59 -1.02	33.70 2.83 -0.41	32.64 2.36 -0.02	31.69 2.03 -3.00	28.95 1.90 -3.55	23.39 1.63 -0.01
WEST CANADA___HYD 24049	19.21 0.08 0.00	18.44 0.07 0.00	17.81 0.07 0.00	17.75 0.07 0.00	18.25 0.07 0.00	20.72 0.06 0.00	25.29 0.10 0.00	29.42 0.12 0.00	29.86 0.12 0.00	27.52 0.11 0.00	26.60 0.11 0.00	26.44 0.11 0.00	25.38 0.13 0.00	24.81 0.12 0.00	23.76 0.12 0.00	23.55 0.12 0.00	25.07 0.15 0.00	28.60 0.14 0.00	30.29 0.15 0.00	30.70 0.24 0.00	30.47 0.21 0.00	26.78 0.11 0.00	23.60 0.09 0.00	21.84 0.09 0.00
WESTERN_NY_WIND 24143	19.27 0.13 0.00	18.57 0.20 0.00	17.94 0.20 0.00	17.89 0.21 0.00	18.47 0.29 0.00	21.15 0.50 0.00	25.72 0.53 0.00	29.54 0.23 0.00	30.12 0.39 0.00	27.60 0.19 0.00	26.60 0.11 0.00	26.46 0.13 0.00	25.28 0.03 0.00	24.63 -0.05 0.00	23.38 -0.26 0.00	23.15 -0.28 0.00	24.38 -0.55 0.00	27.52 -0.94 0.00	29.66 -0.48 0.00	30.67 0.21 0.00	30.23 -0.03 0.00	26.94 0.27 0.00	23.55 0.05 0.00	21.97 0.22 0.00
WESTOVER___LESR 323668	19.42 0.29 0.00	18.70 0.33 0.00	18.04 0.30 0.00	17.96 0.28 0.00	18.49 0.31 0.00	21.07 0.41 0.00	25.82 0.63 0.00	29.89 0.59 0.00	30.96 1.22 0.00	28.48 1.07 0.00	27.43 0.93 0.00	27.25 0.92 0.00	26.09 0.83 0.00	25.47 0.79 0.00	24.35 0.71 0.00	24.06 0.63 0.00	25.55 0.62 0.00	29.11 0.65 0.00	31.05 0.90 0.00	31.83 1.37 0.00	31.17 0.91 0.00	27.66 0.99 0.00	24.30 0.80 0.00	22.60 0.85 0.00
WETHRSFD_WT_PWR 323626	19.15 0.02 0.00	18.53 0.16 0.00	17.90 0.16 0.00	17.84 0.16 0.00	18.40 0.22 0.00	21.04 0.39 0.00	25.55 0.35 0.00	29.33 0.03 0.00	29.74 0.00 0.00	27.25 -0.16 0.00	26.26 -0.24 0.00	26.20 -0.13 0.00	24.90 -0.35 0.00	24.24 -0.44 0.00	23.17 -0.47 0.00	22.92 -0.52 0.00	23.93 -1.00 0.00	27.09 -1.37 0.00	29.06 -1.08 0.00	29.91 -0.55 0.00	29.93 -0.33 0.00	26.16 -0.51 0.00	23.20 -0.31 0.00	21.70 -0.04 0.00
WHAVSTOR_138KV_BK127 55557	19.76 0.63 0.00	18.98 0.61 0.00	18.31 0.57 0.00	18.21 0.53 0.00	18.67 0.49 0.00	21.13 0.48 0.00	25.90 0.71 0.00	30.15 0.85 0.00	30.78 1.04 0.00	28.51 1.10 0.00	27.53 1.03 0.00	27.41 1.08 0.00	26.42 1.16 0.00	25.82 1.14 0.00	24.78 1.13 0.00	24.51 1.08 0.00	26.02 1.10 0.00	29.74 1.28 0.00	31.53 1.39 0.00	32.04 1.58 0.00	31.41 1.15 0.00	27.55 0.88 0.00	24.38 0.87 0.00	22.40 0.65 0.00

WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.76 0.63 0.00	18.98 0.61 0.00	18.31 0.57 0.00	18.21 0.53 0.00	18.67 0.49 0.00	21.13 0.48 0.00	25.90 0.71 0.00	30.15 0.85 0.00	30.78 1.04 0.00	28.51 1.10 0.00	27.53 1.03 0.00	27.41 1.08 0.00	26.42 1.16 0.00	25.82 1.14 0.00	24.78 1.13 0.00	24.51 1.08 0.00	26.02 1.10 0.00	29.74 1.28 0.00	31.53 1.39 0.00	32.04 1.58 0.00	31.41 1.15 0.00	27.55 0.88 0.00	24.38 0.87 0.00	22.40 0.65 0.00
WHITEHAL_115KV_TB1 80871	19.90 0.77 0.00	19.05 0.68 0.00	18.42 0.67 0.00	18.38 0.71 0.00	18.96 0.78 0.00	21.58 0.93 0.00	26.45 1.26 0.00	30.74 1.44 0.00	31.25 1.52 0.00	28.64 1.23 0.00	27.72 1.22 0.00	27.49 1.16 0.00	26.37 1.11 0.00	25.67 0.99 0.00	24.59 0.95 0.00	24.37 0.94 0.00	25.95 1.02 0.00	29.60 1.14 0.00	31.53 1.39 0.00	32.01 1.55 0.00	31.71 1.45 0.00	27.82 1.15 0.00	24.45 0.94 0.00	22.51 0.76 0.00
WHITEPLN_13_KV_LOAD 356215	20.03 0.90 0.00	19.18 0.81 0.00	18.52 0.78 0.00	18.42 0.74 0.00	18.87 0.69 0.00	21.31 0.66 0.00	26.15 0.96 0.00	30.59 1.29 0.00	31.28 1.55 0.00	29.00 1.59 0.00	28.01 1.51 0.00	27.91 1.58 0.00	26.90 1.64 0.00	26.26 1.58 0.00	25.22 1.58 0.00	24.93 1.50 0.00	26.44 1.52 0.00	30.28 1.82 0.00	32.10 1.96 0.00	32.56 2.10 0.00	31.92 1.66 0.00	27.87 1.20 0.00	24.68 1.18 0.00	22.66 0.91 0.00
WM_FLOYD_69_KV_BK2 356380	20.47 1.34 0.00	19.45 1.08 0.00	18.77 1.03 0.00	18.69 1.01 0.00	19.20 1.02 0.00	21.93 1.28 0.00	26.48 1.28 0.00	30.71 1.41 0.00	31.58 1.84 0.00	29.53 2.11 -0.01	31.47 1.93 -3.04	31.31 1.87 -3.11	30.52 1.89 -3.38	30.34 1.75 -3.91	29.92 1.73 -4.55	30.48 1.71 -5.34	30.92 1.77 -4.22	31.71 2.31 -0.95	33.60 2.32 -1.13	38.12 2.62 -5.05	32.58 2.18 -0.14	31.56 1.89 -3.00	28.86 1.81 -3.55	23.30 1.54 -0.01
WOODARD__115KV_TB2 355635	18.85 -0.29 0.00	18.11 -0.26 0.00	17.49 -0.25 0.00	17.43 -0.25 0.00	17.93 -0.25 0.00	20.41 -0.25 0.00	24.92 -0.28 0.00	28.95 -0.35 0.00	29.23 -0.51 0.00	26.92 -0.49 0.00	26.05 -0.45 0.00	25.89 -0.45 0.00	24.80 -0.45 0.00	24.21 -0.47 0.00	23.14 -0.50 0.00	22.96 -0.47 0.00	24.40 -0.52 0.00	27.83 -0.63 0.00	29.60 -0.54 0.00	30.06 -0.40 0.00	29.78 -0.48 0.00	26.27 -0.40 0.00	23.11 -0.40 0.00	21.44 -0.30 0.00
YORK___WARBASSE 23770	20.05 0.92 0.00	19.18 0.81 0.00	18.51 0.76 0.00	18.38 0.71 0.00	18.85 0.67 0.00	21.15 0.50 0.00	25.87 0.68 0.00	30.27 0.97 0.00	31.04 1.31 0.00	28.83 1.43 0.00	27.80 1.30 0.00	27.78 1.45 0.00	26.87 1.62 0.00	26.26 1.58 0.00	25.22 1.58 0.00	24.93 1.50 0.00	26.49 1.57 0.00	30.36 1.91 0.00	32.13 1.99 0.00	32.47 2.01 0.00	31.80 1.54 0.00	27.71 1.04 0.00	24.61 1.10 0.00	22.55 0.80 0.00