

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/29/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	22.10	20.95	20.21	19.72	20.18	21.36	24.41	26.57	27.76	29.19	29.49	28.84	27.97	27.88	28.01	28.33	32.09	39.25	32.71	30.31	27.48	25.58	25.01	23.54
24138	0.83	0.75	0.70	0.68	0.68	0.74	0.96	1.41	1.55	1.70	1.59	1.58	1.58	1.58	1.61	1.63	1.90	2.39	2.00	1.82	1.48	1.24	1.24	0.97
	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	22.10	20.95	20.16	19.69	20.14	21.29	24.37	26.49	27.68	29.13	29.44	28.79	27.92	27.83	27.96	28.28	32.09	39.29	32.68	30.25	27.48	25.68	24.99	23.57
24260	0.83	0.75	0.64	0.65	0.64	0.68	0.91	1.33	1.47	1.65	1.53	1.53	1.53	1.53	1.56	1.58	1.90	2.43	1.97	1.77	1.48	1.34	1.21	0.99
	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	22.10	20.95	20.16	19.69	20.14	21.29	24.37	26.49	27.68	29.13	29.44	28.79	27.92	27.83	27.96	28.28	32.09	39.29	32.68	30.25	27.48	25.68	24.99	23.57
24261	0.83	0.75	0.64	0.65	0.64	0.68	0.91	1.33	1.47	1.65	1.53	1.53	1.53	1.53	1.56	1.58	1.90	2.43	1.97	1.77	1.48	1.34	1.21	0.99
	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	22.23	21.09	20.35	19.88	20.38	21.58	24.55	26.52	27.68	29.05	29.52	28.87	27.92	27.88	27.98	28.36	32.09	39.26	32.68	30.14	27.51	25.73	24.96	23.63
24011	0.96	0.89	0.84	0.84	0.88	0.97	1.10	1.36	1.47	1.57	1.62	1.61	1.53	1.58	1.58	1.66	1.90	2.40	1.97	1.65	1.51	1.39	1.19	1.06
	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	22.33	21.17	20.43	19.95	20.46	21.69	24.67	26.64	27.84	29.22	29.72	29.06	28.08	28.07	28.14	28.54	32.30	39.52	32.90	30.31	27.64	25.78	25.08	23.75
23798	1.06	0.97	0.92	0.91	0.96	1.07	1.22	1.48	1.63	1.73	1.81	1.80	1.69	1.76	1.74	1.84	2.11	2.66	2.18	1.82	1.64	1.44	1.31	1.17
	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	22.23	21.09	20.35	19.88	20.38	21.58	24.55	26.52	27.68	29.05	29.52	28.87												

ALBANY___2 23572	21.42 0.15 0.00	20.39 0.18 0.00	19.69 0.18 0.00	19.23 0.19 0.00	19.68 0.18 0.00	20.80 0.19 0.00	23.59 0.14 0.00	25.43 0.28 0.00	26.26 0.05 0.00	27.54 0.05 0.00	27.96 0.06 0.00	27.34 0.08 0.00	26.47 0.08 0.00	26.44 0.13 0.00	26.53 0.13 0.00	26.83 0.13 0.00	30.40 0.21 0.00	37.16 0.29 0.00	30.90 0.18 0.00	28.57 0.09 0.00	26.10 0.10 0.00	24.49 0.15 0.00	23.82 0.05 0.00	22.50 -0.07 0.00
ALBANY___3 23573	21.42 0.15 0.00	20.39 0.18 0.00	19.69 0.18 0.00	19.23 0.19 0.00	19.68 0.18 0.00	20.80 0.19 0.00	23.59 0.14 0.00	25.43 0.28 0.00	26.26 0.05 0.00	27.54 0.05 0.00	27.96 0.06 0.00	27.34 0.08 0.00	26.47 0.08 0.00	26.44 0.13 0.00	26.53 0.13 0.00	26.83 0.13 0.00	30.40 0.21 0.00	37.16 0.29 0.00	30.90 0.18 0.00	28.57 0.09 0.00	26.10 0.10 0.00	24.49 0.15 0.00	23.82 0.05 0.00	22.50 -0.07 0.00
ALBANY___4 23574	21.42 0.15 0.00	20.39 0.18 0.00	19.69 0.18 0.00	19.23 0.19 0.00	19.68 0.18 0.00	20.80 0.19 0.00	23.59 0.14 0.00	25.43 0.28 0.00	26.26 0.05 0.00	27.54 0.05 0.00	27.96 0.06 0.00	27.34 0.08 0.00	26.47 0.08 0.00	26.44 0.13 0.00	26.53 0.13 0.00	26.83 0.13 0.00	30.40 0.21 0.00	37.16 0.29 0.00	30.90 0.18 0.00	28.57 0.09 0.00	26.10 0.10 0.00	24.49 0.15 0.00	23.82 0.05 0.00	22.50 -0.07 0.00
ALBANY___LFGE 323615	21.59 0.32 0.00	20.55 0.34 0.00	19.73 0.22 0.00	19.29 0.25 0.00	19.72 0.21 0.00	20.82 0.21 0.00	23.62 0.17 0.00	25.43 0.28 0.00	26.50 0.29 0.00	27.82 0.33 0.00	28.26 0.36 0.00	27.61 0.35 0.00	26.76 0.37 0.00	26.72 0.42 0.00	26.79 0.40 0.00	27.13 0.43 0.00	30.70 0.51 0.00	37.56 0.70 0.00	31.24 0.52 0.00	28.85 0.37 0.00	26.31 0.31 0.00	24.58 0.24 0.00	24.03 0.26 0.00	22.71 0.14 0.00
ALCOA_PA_115KV_PL-6C 55860	21.48 0.21 0.00	20.41 0.20 0.00	19.73 0.21 0.00	19.25 0.21 0.00	19.70 0.20 0.00	20.80 0.19 0.00	23.69 0.23 0.00	25.46 0.30 0.00	26.55 0.34 0.00	27.84 0.36 0.00	28.27 0.36 0.00	27.59 0.33 0.00	26.73 0.34 0.00	26.62 0.32 0.00	26.69 0.29 0.00	27.00 0.29 0.00	30.52 0.33 0.00	37.30 0.44 0.00	31.05 0.34 0.00	28.80 0.31 0.00	26.23 0.23 0.00	24.56 0.22 0.00	23.96 0.19 0.00	22.75 0.18 0.00
ALCOA_RYNLDS___DRP 24188	21.48 0.21 0.00	20.41 0.20 0.00	19.73 0.21 0.00	19.25 0.21 0.00	19.70 0.20 0.00	20.80 0.19 0.00	23.69 0.23 0.00	25.46 0.30 0.00	26.55 0.34 0.00	27.84 0.36 0.00	28.27 0.36 0.00	27.59 0.33 0.00	26.73 0.34 0.00	26.62 0.32 0.00	26.69 0.29 0.00	27.00 0.29 0.00	30.52 0.33 0.00	37.30 0.44 0.00	31.05 0.34 0.00	28.80 0.31 0.00	26.23 0.23 0.00	24.56 0.22 0.00	23.96 0.19 0.00	22.75 0.18 0.00
ALCOA___DSASP 323711	21.48 0.21 0.00	20.41 0.20 0.00	19.73 0.22 0.00	19.23 0.19 0.00	19.70 0.19 0.00	20.80 0.19 0.00	23.69 0.23 0.00	25.46 0.30 0.00	26.55 0.34 0.00	27.84 0.36 0.00	28.26 0.36 0.00	27.59 0.33 0.00	26.73 0.34 0.00	26.62 0.32 0.00	26.69 0.29 0.00	27.00 0.29 0.00	30.52 0.33 0.00	37.30 0.44 0.00	31.05 0.34 0.00	28.80 0.31 0.00	26.23 0.23 0.00	24.53 0.19 0.00	23.96 0.19 0.00	22.75 0.18 0.00
ALLEGHENY___COGEN 23514	22.10 0.83 0.00	20.91 0.71 0.00	20.27 0.76 0.00	19.76 0.72 0.00	20.34 0.84 0.00	21.46 0.85 0.00	24.37 0.91 0.00	26.01 0.86 0.00	27.13 0.92 0.00	28.28 0.80 0.00	28.60 0.70 0.00	27.97 0.71 0.00	27.02 0.63 0.00	26.80 0.50 0.00	26.98 0.58 0.00	27.45 0.75 0.00	31.12 0.94 0.00	37.60 0.74 0.00	31.67 0.95 0.00	29.57 1.08 0.00	27.17 1.17 0.00	25.17 0.83 0.00	24.58 0.81 0.00	23.54 0.97 0.00
ALTAMONT_115KV_TB 2 55880	21.59 0.32 0.00	20.53 0.32 0.00	19.81 0.29 0.00	19.32 0.29 0.00	19.79 0.29 0.00	20.92 0.31 0.00	23.80 0.35 0.00	25.64 0.48 0.00	26.66 0.45 0.00	27.95 0.47 0.00	28.38 0.47 0.00	27.75 0.49 0.00	26.86 0.47 0.00	26.80 0.50 0.00	26.90 0.50 0.00	27.24 0.53 0.00	30.82 0.63 0.00	37.67 0.81 0.00	31.36 0.65 0.00	29.00 0.51 0.00	26.49 0.49 0.00	24.80 0.46 0.00	24.15 0.38 0.00	22.87 0.29 0.00
ALTONA_WT_PWR 323606	21.91 0.64 0.00	20.83 0.63 0.00	20.14 0.62 0.00	19.63 0.59 0.00	20.09 0.58 0.00	21.21 0.60 0.00	24.18 0.73 0.00	26.01 0.86 0.00	27.10 0.89 0.00	28.45 0.96 0.00	28.85 0.95 0.00	28.13 0.87 0.00	27.23 0.84 0.00	27.07 0.76 0.00	27.14 0.74 0.00	27.45 0.75 0.00	31.03 0.84 0.00	37.96 1.10 0.00	31.61 0.89 0.00	29.28 0.80 0.00	26.67 0.67 0.00	24.92 0.58 0.00	24.34 0.57 0.00	23.14 0.56 0.00
AMERICAN_REF_FUEL 24010	20.61 -0.66 0.00	19.60 -0.61 0.00	19.10 -0.41 0.00	18.56 -0.48 0.00	19.15 -0.35 0.00	20.06 -0.56 0.00	22.68 -0.77 0.00	23.80 -1.36 0.00	24.85 -1.36 0.00	25.84 -1.65 0.00	26.23 -1.67 0.00	25.65 -1.61 0.00	24.78 -1.61 0.00	24.57 -1.74 0.00	24.63 -1.77 0.00	24.94 -1.76 0.00	28.01 -2.17 0.00	33.36 -3.50 0.00	28.44 -2.27 0.00	26.75 -1.74 0.00	24.59 -1.40 0.00	23.00 -1.34 0.00	22.54 -1.24 0.00	21.90 -0.68 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.63 0.36 0.00	20.55 0.34 0.00	20.00 0.49 0.00	19.52 0.48 0.00	20.03 0.53 0.00	21.09 0.47 0.00	24.01 0.56 0.00	25.31 0.15 0.00	26.40 0.18 0.00	27.43 -0.05 0.00	27.82 -0.08 0.00	27.15 -0.11 0.00	26.18 -0.21 0.00	25.91 -0.39 0.00	25.97 -0.42 0.00	26.25 -0.45 0.00	29.52 -0.66 0.00	35.42 -1.44 0.00	30.01 -0.71 0.00	28.20 -0.28 0.00	25.87 -0.13 0.00	24.14 -0.20 0.00	23.63 -0.14 0.00	22.93 0.36 0.00
ARTHUR KILL_GT_1 23520	22.30 1.02 -0.01	21.16 0.95 -0.01	20.44 0.92 -0.01	19.94 0.90 -0.01	20.41 0.90 -0.01	21.46 0.85 0.00	24.39 0.94 0.00	26.41 1.26 0.00	27.39 1.18 0.00	28.86 1.37 0.00	29.13 1.23 0.00	28.49 1.23 0.00	27.63 1.24 0.00	27.57 1.26 0.00	27.64 1.24 0.00	28.01 1.31 0.00	31.75 1.57 0.00	39.13 2.21 -0.06	32.55 1.78 -0.06	30.02 1.54 0.00	27.25 1.25 0.00	25.46 1.12 0.00	25.10 1.31 -0.02	23.71 1.13 -0.01
ARTHUR_KILL_2 23512	22.23 0.96 -0.01	21.12 0.91 -0.01	20.40 0.88 -0.01	19.88 0.84 -0.01	20.35 0.84 -0.01	21.40 0.78 0.00	24.32 0.87 0.00	26.34 1.18 0.00	27.31 1.10 0.00	28.78 1.29 0.00	29.05 1.14 0.00	28.40 1.14 0.00	27.55 1.16 0.00	27.49 1.18 0.00	27.59 1.19 0.00	27.93 1.23 0.00	31.63 1.45 0.00	38.98 2.06 -0.06	32.43 1.66 -0.06	29.91 1.42 0.00	27.14 1.14 0.00	25.39 1.05 0.00	25.03 1.24 -0.02	23.66 1.08 -0.01
ARTHUR_KILL_3 23513	21.84 0.57 0.00	20.71 0.51 0.00	20.00 0.49 0.00	19.52 0.48 0.00	19.97 0.47 0.00	21.11 0.49 0.00	24.16 0.70 0.00	26.29 1.13 0.00	27.47 1.26 0.00	28.86 1.37 0.00	29.22 1.31 0.00	28.54 1.28 0.00	27.68 1.29 0.00	27.60 1.29 0.00	27.72 1.32 0.00	28.04 1.33 0.00	31.76 1.57 0.00	38.98 2.06 -0.06	32.46 1.69 -0.06	30.00 1.51 0.00	27.22 1.22 0.00	25.31 0.97 0.00	24.76 0.98 -0.01	23.27 0.70 0.00

ARTHUR_KILL_COGEN 323718	22.30 1.02 -0.01	21.16 0.95 -0.01	20.44 0.92 -0.01	19.94 0.90 -0.01	20.41 0.90 -0.01	21.46 0.85 0.00	24.39 0.94 0.00	26.41 1.26 0.00	27.39 1.18 0.00	28.86 1.37 0.00	29.13 1.23 0.00	28.49 1.23 0.00	27.63 1.24 0.00	27.57 1.26 0.00	27.64 1.24 0.00	28.01 1.31 0.00	31.75 1.57 0.00	39.13 2.21 -0.06	32.55 1.78 -0.06	30.02 1.54 0.00	27.25 1.25 0.00	25.46 1.12 0.00	25.10 1.31 -0.02	23.71 1.13 -0.01
ASHOKAN____ 23654	22.06 0.79 0.00	20.91 0.71 0.00	20.12 0.61 0.00	19.61 0.57 0.00	20.07 0.57 0.00	21.15 0.54 0.00	23.99 0.54 0.00	25.66 0.50 0.00	26.76 0.55 0.00	27.98 0.50 0.00	28.41 0.50 0.00	27.75 0.49 0.00	26.86 0.48 0.00	26.80 0.50 0.00	27.01 0.61 0.00	27.39 0.69 0.00	31.06 0.88 0.00	38.00 1.14 0.00	31.70 0.98 0.00	29.28 0.80 0.00	26.70 0.70 0.00	24.90 0.56 0.00	24.39 0.62 0.00	23.05 0.47 0.00
ASTORIA_EAST_ENERGY_CC1 323581	22.19 0.91 -0.01	21.05 0.85 0.00	20.29 0.78 0.00	19.78 0.74 0.00	20.24 0.74 0.00	21.38 0.76 0.00	24.32 0.87 0.00	26.39 1.23 0.00	27.41 1.21 0.01	28.82 1.35 0.01	29.12 1.23 0.01	28.48 1.23 0.01	27.62 1.24 0.01	27.56 1.26 0.01	27.66 1.27 0.01	28.00 1.31 0.01	31.69 1.51 0.01	38.92 2.06 0.01	32.36 1.66 0.01	29.96 1.48 0.01	27.16 1.17 0.01	25.31 0.97 0.00	24.94 1.16 0.00	23.57 0.99 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	22.19 0.91 -0.01	21.05 0.85 0.00	20.29 0.78 0.00	19.78 0.74 0.00	20.24 0.74 0.00	21.38 0.76 0.00	24.32 0.87 0.00	26.39 1.23 0.00	27.41 1.21 0.01	28.82 1.35 0.01	29.12 1.23 0.01	28.48 1.23 0.01	27.62 1.24 0.01	27.56 1.26 0.01	27.66 1.27 0.01	28.00 1.31 0.01	31.69 1.51 0.01	38.92 2.06 0.01	32.36 1.66 0.01	29.96 1.48 0.01	27.16 1.17 0.01	25.31 0.97 0.00	24.94 1.16 0.00	23.57 0.99 -0.01
ASTORIA_GT2_1 24094	22.25 0.98 -0.01	21.07 0.87 0.00	20.23 0.72 0.00	19.76 0.72 0.00	20.22 0.72 0.00	21.34 0.72 0.00	24.30 0.84 0.00	26.29 1.13 0.00	27.42 1.21 0.00	28.86 1.37 0.00	29.16 1.26 0.00	28.51 1.25 0.00	27.65 1.27 0.00	27.59 1.29 0.00	27.69 1.29 0.00	28.01 1.31 0.00	31.78 1.60 0.00	38.96 2.10 0.00	32.40 1.69 0.00	29.97 1.48 0.00	27.22 1.22 0.00	25.46 1.12 0.00	24.94 1.16 0.00	23.62 1.04 -0.01
ASTORIA_GT2_2 24095	22.25 0.98 -0.01	21.07 0.87 0.00	20.23 0.72 0.00	19.76 0.72 0.00	20.22 0.72 0.00	21.34 0.72 0.00	24.30 0.84 0.00	26.29 1.13 0.00	27.42 1.21 0.00	28.86 1.37 0.00	29.16 1.26 0.00	28.51 1.25 0.00	27.65 1.27 0.00	27.59 1.29 0.00	27.69 1.29 0.00	28.01 1.31 0.00	31.78 1.60 0.00	38.96 2.10 0.00	32.40 1.69 0.00	29.97 1.48 0.00	27.22 1.22 0.00	25.46 1.12 0.00	24.94 1.16 0.00	23.62 1.04 -0.01
ASTORIA_GT2_3 24096	22.25 0.98 -0.01	21.07 0.87 0.00	20.23 0.72 0.00	19.76 0.72 0.00	20.22 0.72 0.00	21.34 0.72 0.00	24.30 0.84 0.00	26.29 1.13 0.00	27.42 1.21 0.00	28.86 1.37 0.00	29.16 1.26 0.00	28.51 1.25 0.00	27.65 1.27 0.00	27.59 1.29 0.00	27.69 1.29 0.00	28.01 1.31 0.00	31.78 1.60 0.00	38.96 2.10 0.00	32.40 1.69 0.00	29.97 1.48 0.00	27.22 1.22 0.00	25.46 1.12 0.00	24.94 1.16 0.00	23.62 1.04 -0.01
ASTORIA_GT2_4 24097	22.25 0.98 -0.01	21.07 0.87 0.00	20.23 0.72 0.00	19.76 0.72 0.00	20.22 0.72 0.00	21.34 0.72 0.00	24.30 0.84 0.00	26.29 1.13 0.00	27.42 1.21 0.00	28.86 1.37 0.00	29.16 1.26 0.00	28.51 1.25 0.00	27.65 1.27 0.00	27.59 1.29 0.00	27.69 1.29 0.00	28.01 1.31 0.00	31.78 1.60 0.00	38.96 2.10 0.00	32.40 1.69 0.00	29.97 1.48 0.00	27.22 1.22 0.00	25.46 1.12 0.00	24.94 1.16 0.00	23.62 1.04 -0.01
ASTORIA_GT3_1 24098	22.25 0.98 -0.01	21.07 0.87 0.00	20.23 0.72 0.00	19.76 0.72 0.00	20.22 0.72 0.00	21.34 0.72 0.00	24.30 0.84 0.00	26.29 1.13 0.00	27.42 1.21 0.00	28.86 1.37 0.00	29.16 1.26 0.00	28.51 1.25 0.00	27.65 1.27 0.00	27.59 1.29 0.00	27.69 1.29 0.00	28.01 1.31 0.00	31.78 1.60 0.00	38.96 2.10 0.00	32.40 1.69 0.00	29.97 1.48 0.00	27.22 1.22 0.00	25.46 1.12 0.00	24.94 1.16 0.00	23.62 1.04 -0.01
ASTORIA_GT3_2 24099	22.25 0.98 -0.01	21.07 0.87 0.00	20.23 0.72 0.00	19.76 0.72 0.00	20.22 0.72 0.00	21.34 0.72 0.00	24.30 0.84 0.00	26.29 1.13 0.00	27.42 1.21 0.00	28.86 1.37 0.00	29.16 1.26 0.00	28.51 1.25 0.00	27.65 1.27 0.00	27.59 1.29 0.00	27.69 1.29 0.00	28.01 1.31 0.00	31.78 1.60 0.00	38.96 2.10 0.00	32.40 1.69 0.00	29.97 1.48 0.00	27.22 1.22 0.00	25.46 1.12 0.00	24.94 1.16 0.00	23.62 1.04 -0.01
ASTORIA_GT3_3 24100	22.25 0.98 -0.01	21.07 0.87 0.00	20.23 0.72 0.00	19.76 0.72 0.00	20.22 0.72 0.00	21.34 0.72 0.00	24.30 0.84 0.00	26.29 1.13 0.00	27.42 1.21 0.00	28.86 1.37 0.00	29.16 1.26 0.00	28.51 1.25 0.00	27.65 1.27 0.00	27.59 1.29 0.00	27.69 1.29 0.00	28.01 1.31 0.00	31.78 1.60 0.00	38.96 2.10 0.00	32.40 1.69 0.00	29.97 1.48 0.00	27.22 1.22 0.00	25.46 1.12 0.00	24.94 1.16 0.00	23.62 1.04 -0.01
ASTORIA_GT3_4 24101	22.25 0.98 -0.01	21.07 0.87 0.00	20.23 0.72 0.00	19.76 0.72 0.00	20.22 0.72 0.00	21.34 0.72 0.00	24.30 0.84 0.00	26.29 1.13 0.00	27.42 1.21 0.00	28.86 1.37 0.00	29.16 1.26 0.00	28.51 1.25 0.00	27.65 1.27 0.00	27.59 1.29 0.00	27.69 1.29 0.00	28.01 1.31 0.00	31.78 1.60 0.00	38.96 2.10 0.00	32.40 1.69 0.00	29.97 1.48 0.00	27.22 1.22 0.00	25.46 1.12 0.00	24.94 1.16 0.00	23.62 1.04 -0.01
ASTORIA_GT4_1 24102	22.25 0.98 -0.01	21.07 0.87 0.00	20.23 0.72 0.00	19.76 0.72 0.00	20.22 0.72 0.00	21.34 0.72 0.00	24.30 0.84 0.00	26.29 1.13 0.00	27.42 1.21 0.00	28.86 1.37 0.00	29.16 1.26 0.00	28.51 1.25 0.00	27.65 1.27 0.00	27.59 1.29 0.00	27.69 1.29 0.00	28.01 1.31 0.00	31.78 1.60 0.00	38.96 2.10 0.00	32.40 1.69 0.00	29.97 1.48 0.00	27.22 1.22 0.00	25.46 1.12 0.00	24.94 1.16 0.00	23.62 1.04 -0.01
ASTORIA_GT4_2 24103	22.25 0.98 -0.01	21.07 0.87 0.00	20.23 0.72 0.00	19.76 0.72 0.00	20.22 0.72 0.00	21.34 0.72 0.00	24.30 0.84 0.00	26.29 1.13 0.00	27.42 1.21 0.00	28.86 1.37 0.00	29.16 1.26 0.00	28.51 1.25 0.00	27.65 1.27 0.00	27.59 1.29 0.00	27.69 1.29 0.00	28.01 1.31 0.00	31.78 1.60 0.00	38.96 2.10 0.00	32.40 1.69 0.00	29.97 1.48 0.00	27.22 1.22 0.00	25.46 1.12 0.00	24.94 1.16 0.00	23.62 1.04 -0.01
ASTORIA_GT4_3 24104	22.25 0.98 -0.01	21.07 0.87 0.00	20.23 0.72 0.00	19.76 0.72 0.00	20.22 0.72 0.00	21.34 0.72 0.00	24.30 0.84 0.00	26.29 1.13 0.00	27.42 1.21 0.00	28.86 1.37 0.00	29.16 1.26 0.00	28.51 1.25 0.00	27.65 1.27 0.00	27.59 1.29 0.00	27.69 1.29 0.00	28.01 1.31 0.00	31.78 1.60 0.00	38.96 2.10 0.00	32.40 1.69 0.00	29.97 1.48 0.00	27.22 1.22 0.00	25.46 1.12 0.00	24.94 1.16 0.00	23.62 1.04 -0.01

ASTORIA_GT4_4 24105	22.25 0.98 -0.01	21.07 0.87 0.00	20.23 0.72 0.00	19.76 0.72 0.00	20.22 0.72 0.00	21.34 0.72 0.00	24.30 0.84 0.00	26.29 1.13 0.00	27.42 1.21 0.00	28.86 1.37 0.00	29.16 1.26 0.00	28.51 1.25 0.00	27.65 1.27 0.00	27.59 1.29 0.00	27.69 1.29 0.00	28.01 1.31 0.00	31.78 1.60 0.00	38.96 2.10 0.00	32.40 1.69 0.00	29.97 1.48 0.00	27.22 1.22 0.00	25.46 1.12 0.00	24.94 1.16 0.00	23.62 1.04 -0.01
ASTORIA_GT_1 23523	22.23 0.96 -0.01	21.09 0.89 0.00	20.33 0.82 0.00	19.82 0.78 0.00	20.28 0.78 0.00	21.42 0.80 0.00	24.37 0.91 0.00	26.44 1.28 0.00	27.46 1.26 0.01	28.90 1.43 0.01	29.21 1.31 0.01	28.56 1.31 0.01	27.70 1.32 0.01	27.61 1.31 0.01	27.74 1.35 0.01	28.05 1.36 0.01	31.78 1.60 0.01	39.03 2.17 0.01	32.46 1.75 0.01	30.01 1.54 0.01	27.24 1.25 0.01	25.36 1.02 0.00	24.98 1.21 0.00	23.62 1.04 -0.01
ASTORIA_GT_10 24110	22.13 0.85 -0.01	20.95 0.75 0.00	20.16 0.64 0.00	19.69 0.65 0.00	20.14 0.64 0.00	21.27 0.66 0.00	24.30 0.84 0.00	26.37 1.21 0.00	27.50 1.28 0.00	28.94 1.46 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.76 1.37 0.00	27.67 1.37 0.00	27.80 1.40 0.00	28.12 1.42 0.00	31.91 1.72 0.00	39.11 2.25 0.00	32.53 1.81 0.00	30.08 1.60 0.00	27.32 1.33 0.00	25.56 1.22 0.00	24.94 1.16 0.00	23.60 1.02 -0.01
ASTORIA_GT_11 24225	22.13 0.85 -0.01	20.95 0.75 0.00	20.16 0.64 0.00	19.69 0.65 0.00	20.14 0.64 0.00	21.27 0.66 0.00	24.30 0.84 0.00	26.37 1.21 0.00	27.50 1.28 0.00	28.94 1.46 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.76 1.37 0.00	27.67 1.37 0.00	27.80 1.40 0.00	28.12 1.42 0.00	31.91 1.72 0.00	39.11 2.25 0.00	32.53 1.81 0.00	30.08 1.60 0.00	27.32 1.33 0.00	25.56 1.22 0.00	24.94 1.16 0.00	23.60 1.02 -0.01
ASTORIA_GT_12 24226	22.13 0.85 -0.01	20.95 0.75 0.00	20.16 0.64 0.00	19.69 0.65 0.00	20.14 0.64 0.00	21.27 0.66 0.00	24.30 0.84 0.00	26.37 1.21 0.00	27.50 1.28 0.00	28.94 1.46 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.76 1.37 0.00	27.67 1.37 0.00	27.80 1.40 0.00	28.12 1.42 0.00	31.91 1.72 0.00	39.11 2.25 0.00	32.53 1.81 0.00	30.08 1.60 0.00	27.32 1.33 0.00	25.56 1.22 0.00	24.94 1.16 0.00	23.60 1.02 -0.01
ASTORIA_GT_13 24227	22.13 0.85 -0.01	20.95 0.75 0.00	20.16 0.64 0.00	19.69 0.65 0.00	20.14 0.64 0.00	21.27 0.66 0.00	24.30 0.84 0.00	26.37 1.21 0.00	27.50 1.28 0.00	28.94 1.46 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.76 1.37 0.00	27.67 1.37 0.00	27.80 1.40 0.00	28.12 1.42 0.00	31.91 1.72 0.00	39.11 2.25 0.00	32.53 1.81 0.00	30.08 1.60 0.00	27.32 1.33 0.00	25.56 1.22 0.00	24.94 1.16 0.00	23.60 1.02 -0.01
ASTORIA_GT_5 24106	22.28 1.00 -0.01	21.09 0.89 0.00	20.27 0.76 0.00	19.78 0.74 0.00	20.24 0.74 0.00	21.36 0.74 0.00	24.34 0.89 0.00	26.34 1.18 0.00	27.47 1.26 0.00	28.91 1.43 0.00	29.21 1.31 0.00	28.57 1.31 0.00	27.71 1.32 0.00	27.62 1.32 0.00	27.74 1.35 0.00	28.06 1.36 0.00	31.84 1.66 0.00	39.03 2.17 0.00	32.47 1.75 0.00	30.02 1.54 0.00	27.27 1.27 0.00	25.51 1.17 0.00	24.99 1.21 0.00	23.64 1.06 -0.01
ASTORIA_GT_7 24107	22.28 1.00 -0.01	21.09 0.89 0.00	20.27 0.76 0.00	19.78 0.74 0.00	20.24 0.74 0.00	21.36 0.74 0.00	24.34 0.89 0.00	26.34 1.18 0.00	27.47 1.26 0.00	28.91 1.43 0.00	29.21 1.31 0.00	28.57 1.31 0.00	27.71 1.32 0.00	27.62 1.32 0.00	27.74 1.35 0.00	28.06 1.36 0.00	31.84 1.66 0.00	39.03 2.17 0.00	32.47 1.75 0.00	30.02 1.54 0.00	27.27 1.27 0.00	25.51 1.17 0.00	24.99 1.21 0.00	23.64 1.06 -0.01
ASTORIA_GT_8 24108	22.28 1.00 -0.01	21.09 0.89 0.00	20.27 0.76 0.00	19.78 0.74 0.00	20.24 0.74 0.00	21.36 0.74 0.00	24.34 0.89 0.00	26.34 1.18 0.00	27.47 1.26 0.00	28.91 1.43 0.00	29.21 1.31 0.00	28.57 1.31 0.00	27.71 1.32 0.00	27.62 1.32 0.00	27.74 1.35 0.00	28.06 1.36 0.00	31.84 1.66 0.00	39.03 2.17 0.00	32.47 1.75 0.00	30.02 1.54 0.00	27.27 1.27 0.00	25.51 1.17 0.00	24.99 1.21 0.00	23.64 1.06 -0.01
ASTORIA___2 24149	22.21 0.93 -0.01	21.07 0.87 0.00	20.31 0.80 0.00	19.78 0.74 0.00	20.24 0.74 0.00	21.38 0.76 0.00	24.32 0.87 0.00	26.39 1.23 0.00	27.41 1.21 0.01	28.85 1.37 0.01	29.15 1.26 0.01	28.51 1.25 0.01	27.65 1.27 0.01	27.58 1.29 0.01	27.68 1.29 0.01	28.00 1.31 0.01	31.72 1.54 0.01	38.95 2.10 0.01	32.40 1.69 0.01	29.96 1.48 0.01	27.19 1.20 0.01	25.34 1.00 0.00	24.94 1.16 0.00	23.57 0.99 -0.01
ASTORIA___3 23516	22.10 0.83 -0.01	20.95 0.75 0.00	20.21 0.70 0.00	19.72 0.68 0.00	20.18 0.68 0.00	21.32 0.70 0.00	24.32 0.87 0.00	26.41 1.26 0.00	27.52 1.31 0.00	28.94 1.46 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.76 1.37 0.00	27.67 1.37 0.00	27.80 1.40 0.00	28.12 1.41 0.00	31.84 1.66 0.00	39.11 2.25 0.00	32.53 1.81 0.00	30.08 1.59 0.00	27.30 1.30 0.00	25.44 1.10 0.00	24.94 1.16 0.00	23.53 0.95 -0.01
ASTORIA___4 23517	22.13 0.85 -0.01	20.95 0.75 0.00	20.16 0.64 0.00	19.69 0.65 0.00	20.14 0.64 0.00	21.27 0.66 0.00	24.30 0.84 0.00	26.37 1.21 0.00	27.50 1.28 0.00	28.94 1.46 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.76 1.37 0.00	27.67 1.37 0.00	27.80 1.40 0.00	28.12 1.42 0.00	31.91 1.72 0.00	39.11 2.25 0.00	32.53 1.81 0.00	30.08 1.60 0.00	27.32 1.33 0.00	25.56 1.22 0.00	24.94 1.16 0.00	23.60 1.02 -0.01
ASTORIA___5 23518	22.10 0.83 -0.01	20.95 0.75 0.00	20.21 0.70 0.00	19.72 0.68 0.00	20.18 0.68 0.00	21.32 0.70 0.00	24.32 0.87 0.00	26.41 1.26 0.00	27.52 1.31 0.00	28.94 1.46 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.76 1.37 0.00	27.67 1.37 0.00	27.80 1.40 0.00	28.12 1.41 0.00	31.84 1.66 0.00	39.11 2.25 0.00	32.53 1.81 0.00	30.08 1.59 0.00	27.30 1.30 0.00	25.44 1.10 0.00	24.94 1.16 0.00	23.53 0.95 -0.01
AST_ENERGY_2_CC3 323677	21.93 0.66 0.00	20.81 0.61 0.00	20.10 0.58 0.00	19.59 0.55 0.00	20.05 0.55 0.00	21.19 0.58 0.00	24.20 0.75 0.00	26.34 1.18 0.00	27.50 1.28 0.00	28.91 1.43 0.00	29.24 1.34 0.00	28.57 1.31 0.00	27.71 1.32 0.00	27.64 1.34 0.00	27.74 1.35 0.00	28.06 1.36 0.00	31.78 1.60 0.00	38.96 2.10 0.00	32.43 1.72 0.00	30.02 1.54 0.00	27.25 1.25 0.00	25.36 1.02 0.00	24.82 1.04 0.00	23.34 0.77 0.00
AST_ENERGY_2_CC4 323678	21.93 0.66 0.00	20.81 0.61 0.00	20.10 0.58 0.00	19.59 0.55 0.00	20.05 0.55 0.00	21.19 0.58 0.00	24.20 0.75 0.00	26.34 1.18 0.00	27.50 1.28 0.00	28.91 1.43 0.00	29.24 1.34 0.00	28.57 1.31 0.00	27.71 1.32 0.00	27.64 1.34 0.00	27.74 1.35 0.00	28.06 1.36 0.00	31.78 1.60 0.00	38.96 2.10 0.00	32.43 1.72 0.00	30.02 1.54 0.00	27.25 1.25 0.00	25.36 1.02 0.00	24.82 1.04 0.00	23.34 0.77 0.00

ATHENS_STG_1 23668	21.65 0.38 0.00	20.57 0.36 0.00	19.84 0.33 0.00	19.36 0.32 0.00	19.81 0.31 0.00	20.96 0.35 0.00	23.85 0.40 0.00	25.76 0.60 0.00	26.87 0.66 0.00	28.20 0.71 0.00	28.60 0.70 0.00	27.97 0.71 0.00	27.07 0.68 0.00	27.01 0.71 0.00	27.11 0.71 0.00	27.42 0.72 0.00	31.03 0.84 0.00	37.96 1.10 0.00	31.61 0.89 0.00	29.25 0.77 0.00	26.65 0.65 0.00	24.87 0.53 0.00	24.30 0.52 0.00	22.98 0.41 0.00
ATHENS_STG_2 23670	21.65 0.38 0.00	20.57 0.36 0.00	19.84 0.33 0.00	19.36 0.32 0.00	19.81 0.31 0.00	20.96 0.35 0.00	23.85 0.40 0.00	25.76 0.60 0.00	26.87 0.66 0.00	28.20 0.71 0.00	28.60 0.70 0.00	27.97 0.71 0.00	27.07 0.68 0.00	27.01 0.71 0.00	27.11 0.71 0.00	27.42 0.72 0.00	31.03 0.84 0.00	37.96 1.10 0.00	31.61 0.89 0.00	29.25 0.77 0.00	26.65 0.65 0.00	24.87 0.53 0.00	24.30 0.52 0.00	22.98 0.41 0.00
ATHENS_STG_3 23677	21.65 0.38 0.00	20.57 0.36 0.00	19.84 0.33 0.00	19.36 0.32 0.00	19.81 0.31 0.00	20.96 0.35 0.00	23.85 0.40 0.00	25.76 0.60 0.00	26.87 0.66 0.00	28.20 0.71 0.00	28.60 0.70 0.00	27.97 0.71 0.00	27.07 0.68 0.00	27.01 0.71 0.00	27.11 0.71 0.00	27.42 0.72 0.00	31.03 0.84 0.00	37.96 1.10 0.00	31.61 0.89 0.00	29.25 0.77 0.00	26.65 0.65 0.00	24.87 0.53 0.00	24.30 0.52 0.00	22.98 0.41 0.00
AUBURN___LFGE 323710	21.29 0.02 0.00	20.20 0.00 0.00	19.53 0.02 0.00	19.06 0.02 0.00	19.54 0.04 0.00	20.68 0.06 0.00	23.52 0.07 0.00	25.13 -0.03 0.00	26.21 0.00 0.00	27.48 0.00 0.00	27.93 0.03 0.00	27.29 0.03 0.00	26.39 0.00 0.00	26.30 0.00 0.00	26.40 0.00 0.00	26.73 0.03 0.00	30.18 0.00 0.00	36.75 -0.11 0.00	30.72 0.00 0.00	28.54 0.06 0.00	26.08 0.08 0.00	24.36 0.02 0.00	23.82 0.05 0.00	22.69 0.11 0.00
BABYLON_RES_REC 323704	23.51 1.30 -0.94	21.42 1.21 0.00	20.64 1.13 0.00	20.05 1.01 0.00	20.55 1.05 0.00	21.85 1.24 0.00	25.73 1.48 -0.80	28.42 1.89 -1.37	29.28 1.76 -1.31	32.95 1.87 -3.60	31.35 1.87 -1.58	31.15 1.88 -2.01	29.26 2.00 -0.87	29.43 2.03 -1.10	29.23 2.06 -0.78	30.32 2.06 -1.56	32.49 2.26 -0.04	40.73 3.21 -0.66	33.48 2.58 -0.19	30.88 2.31 -0.09	29.89 1.97 -1.92	28.15 1.68 -2.13	25.34 1.57 0.00	25.56 1.45 -1.55
BABYLON__69_KV_BK2 356345	23.74 1.53 -0.94	21.64 1.43 0.00	20.80 1.29 0.00	20.22 1.18 0.00	20.73 1.23 0.00	21.95 1.34 0.00	25.94 1.69 -0.80	28.64 2.11 -1.37	29.75 2.23 -1.31	33.53 2.45 -3.60	31.94 2.46 -1.58	31.67 2.40 -2.01	29.52 2.27 -0.87	29.70 2.29 -1.10	29.47 2.30 -0.78	30.61 2.35 -1.56	33.06 2.84 -0.04	41.21 3.69 -0.66	33.88 2.98 -0.19	31.22 2.65 -0.09	30.20 2.29 -1.92	28.54 2.07 -2.13	25.58 1.81 0.00	25.83 1.72 -1.55
BALL_HILL_WT_PWR 323825	21.37 0.11 0.00	20.35 0.14 0.00	19.81 0.29 0.00	19.31 0.27 0.00	19.85 0.35 0.00	20.88 0.27 0.00	23.69 0.23 0.00	24.96 -0.20 0.00	26.03 -0.18 0.00	27.04 -0.44 0.00	27.46 -0.45 0.00	26.85 -0.41 0.00	25.91 -0.47 0.00	25.67 -0.63 0.00	25.74 -0.66 0.00	26.03 -0.67 0.00	29.25 -0.94 0.00	35.02 -1.84 0.00	29.76 -0.95 0.00	27.97 -0.51 0.00	25.69 -0.31 0.00	24.00 -0.34 0.00	23.51 -0.26 0.00	22.80 0.23 0.00
BARON_WINDS___WT_PWR 323822	21.42 0.15 0.00	20.35 0.14 0.00	19.73 0.22 0.00	19.23 0.19 0.00	19.74 0.23 0.00	20.82 0.21 0.00	23.64 0.19 0.00	25.13 -0.03 0.00	26.21 0.00 0.00	27.35 -0.14 0.00	27.76 -0.14 0.00	27.10 -0.16 0.00	26.18 -0.21 0.00	25.99 -0.31 0.00	26.08 -0.32 0.00	26.41 -0.29 0.00	29.76 -0.42 0.00	35.90 -0.96 0.00	30.26 -0.46 0.00	28.31 -0.17 0.00	25.92 -0.08 0.00	24.22 -0.12 0.00	23.68 -0.09 0.00	22.80 0.23 0.00
BARRETT_IC_1 23704	23.21 1.00 -0.94	21.13 0.93 0.00	20.37 0.86 0.00	19.82 0.78 0.00	20.30 0.80 0.00	21.54 0.93 0.00	25.40 1.15 -0.80	28.07 1.53 -1.37	29.17 1.65 -1.31	32.87 1.79 -3.60	31.19 1.70 -1.58	30.93 1.66 -2.01	28.92 1.66 -0.87	29.07 1.66 -1.10	28.86 1.69 -0.78	29.97 1.71 -1.56	32.10 1.87 -0.04	39.99 2.47 -0.66	32.96 2.06 -0.19	30.48 1.91 -0.09	29.55 1.64 -1.92	27.88 1.41 -2.13	25.10 1.33 0.00	25.27 1.15 -1.55
BARRETT_IC_10 23701	23.21 1.00 -0.94	21.13 0.93 0.00	20.37 0.86 0.00	19.82 0.78 0.00	20.30 0.80 0.00	21.54 0.93 0.00	25.40 1.15 -0.80	28.07 1.53 -1.37	29.17 1.65 -1.31	32.87 1.79 -3.60	31.19 1.70 -1.58	30.93 1.66 -2.01	28.92 1.66 -0.87	29.07 1.66 -1.10	28.86 1.69 -0.78	29.97 1.71 -1.56	32.10 1.87 -0.04	39.99 2.47 -0.66	32.96 2.06 -0.19	30.48 1.91 -0.09	29.55 1.64 -1.92	27.88 1.41 -2.13	25.10 1.33 0.00	25.27 1.15 -1.55
BARRETT_IC_11 23702	23.21 1.00 -0.94	21.13 0.93 0.00	20.37 0.86 0.00	19.82 0.78 0.00	20.30 0.80 0.00	21.54 0.93 0.00	25.40 1.15 -0.80	28.07 1.53 -1.37	29.17 1.65 -1.31	32.87 1.79 -3.60	31.19 1.70 -1.58	30.93 1.66 -2.01	28.92 1.66 -0.87	29.07 1.66 -1.10	28.86 1.69 -0.78	29.97 1.71 -1.56	32.10 1.87 -0.04	39.99 2.47 -0.66	32.96 2.06 -0.19	30.48 1.91 -0.09	29.55 1.64 -1.92	27.88 1.41 -2.13	25.10 1.33 0.00	25.27 1.15 -1.55
BARRETT_IC_12 23703	23.21 1.00 -0.94	21.13 0.93 0.00	20.37 0.86 0.00	19.82 0.78 0.00	20.30 0.80 0.00	21.54 0.93 0.00	25.40 1.15 -0.80	28.07 1.53 -1.37	29.17 1.65 -1.31	32.87 1.79 -3.60	31.19 1.70 -1.58	30.93 1.66 -2.01	28.92 1.66 -0.87	29.07 1.66 -1.10	28.86 1.69 -0.78	29.97 1.71 -1.56	32.10 1.87 -0.04	39.99 2.47 -0.66	32.96 2.06 -0.19	30.48 1.91 -0.09	29.55 1.64 -1.92	27.88 1.41 -2.13	25.10 1.33 0.00	25.27 1.15 -1.55
BARRETT_IC_2 23705	23.21 1.00 -0.94	21.13 0.93 0.00	20.37 0.86 0.00	19.82 0.78 0.00	20.30 0.80 0.00	21.54 0.93 0.00	25.40 1.15 -0.80	28.07 1.53 -1.37	29.17 1.65 -1.31	32.87 1.79 -3.60	31.19 1.70 -1.58	30.93 1.66 -2.01	28.92 1.66 -0.87	29.07 1.66 -1.10	28.86 1.69 -0.78	29.97 1.71 -1.56	32.10 1.87 -0.04	39.99 2.47 -0.66	32.96 2.06 -0.19	30.48 1.91 -0.09	29.55 1.64 -1.92	27.88 1.41 -2.13	25.10 1.33 0.00	25.27 1.15 -1.55
BARRETT_IC_3 23706	23.21 1.00 -0.94	21.13 0.93 0.00	20.37 0.86 0.00	19.82 0.78 0.00	20.30 0.80 0.00	21.54 0.93 0.00	25.40 1.15 -0.80	28.07 1.53 -1.37	29.17 1.65 -1.31	32.87 1.79 -3.60	31.19 1.70 -1.58	30.93 1.66 -2.01	28.92 1.66 -0.87	29.07 1.66 -1.10	28.86 1.69 -0.78	29.97 1.71 -1.56	32.10 1.87 -0.04	39.99 2.47 -0.66	32.96 2.06 -0.19	30.48 1.91 -0.09	29.55 1.64 -1.92	27.88 1.41 -2.13	25.10 1.33 0.00	25.27 1.15 -1.55
BARRETT_IC_4 23707	23.21 1.00 -0.94	21.13 0.93 0.00	20.37 0.86 0.00	19.82 0.78 0.00	20.30 0.80 0.00	21.54 0.93 0.00	25.40 1.15 -0.80	28.07 1.53 -1.37	29.17 1.65 -1.31	32.87 1.79 -3.60	31.19 1.70 -1.58	30.93 1.66 -2.01	28.92 1.66 -0.87	29.07 1.66 -1.10	28.86 1.69 -0.78	29.97 1.71 -1.56	32.10 1.87 -0.04	39.99 2.47 -0.66	32.96 2.06 -0.19	30.48 1.91 -0.09	29.55 1.64 -1.92	27.88 1.41 -2.13	25.10 1.33 0.00	25.27 1.15 -1.55

BARRETT_IC_5 23708	23.21 1.00 -0.94	21.13 0.93 0.00	20.37 0.86 0.00	19.82 0.78 0.00	20.30 0.80 0.00	21.54 0.93 0.00	25.40 1.15 -0.80	28.07 1.53 -1.37	29.17 1.65 -1.31	32.87 1.79 -3.60	31.19 1.70 -1.58	30.93 1.66 -2.01	28.92 1.66 -0.87	29.07 1.66 -1.10	28.86 1.69 -0.78	29.97 1.71 -1.56	32.10 1.87 -0.04	39.99 2.47 -0.66	32.96 2.06 -0.19	30.48 1.91 -0.09	29.55 1.64 -1.92	27.88 1.41 -2.13	25.10 1.33 0.00	25.27 1.15 -1.55
BARRETT_IC_6 23709	23.21 1.00 -0.94	21.13 0.93 0.00	20.37 0.86 0.00	19.82 0.78 0.00	20.30 0.80 0.00	21.54 0.93 0.00	25.40 1.15 -0.80	28.07 1.53 -1.37	29.17 1.65 -1.31	32.87 1.79 -3.60	31.19 1.70 -1.58	30.93 1.66 -2.01	28.92 1.66 -0.87	29.07 1.66 -1.10	28.86 1.69 -0.78	29.97 1.71 -1.56	32.10 1.87 -0.04	39.99 2.47 -0.66	32.96 2.06 -0.19	30.48 1.91 -0.09	29.55 1.64 -1.92	27.88 1.41 -2.13	25.10 1.33 0.00	25.27 1.15 -1.55
BARRETT_IC_7 23710	23.23 1.02 -0.94	21.13 0.93 0.00	20.31 0.80 0.00	19.80 0.76 0.00	20.28 0.78 0.00	21.48 0.87 0.00	25.38 1.13 -0.80	28.04 1.51 -1.37	29.17 1.65 -1.31	32.87 1.79 -3.60	31.19 1.70 -1.58	30.93 1.66 -2.01	28.92 1.66 -0.87	29.07 1.66 -1.10	28.89 1.72 -0.78	29.97 1.71 -1.56	32.19 1.96 -0.04	39.99 2.47 -0.66	32.96 2.06 -0.19	30.48 1.91 -0.09	29.58 1.66 -1.92	28.00 1.53 -2.13	25.10 1.33 0.00	25.29 1.17 -1.55
BARRETT_IC_8 23711	23.21 1.00 -0.94	21.13 0.93 0.00	20.37 0.86 0.00	19.82 0.78 0.00	20.30 0.80 0.00	21.54 0.93 0.00	25.40 1.15 -0.80	28.07 1.53 -1.37	29.17 1.65 -1.31	32.87 1.79 -3.60	31.19 1.70 -1.58	30.93 1.66 -2.01	28.92 1.66 -0.87	29.07 1.66 -1.10	28.86 1.69 -0.78	29.97 1.71 -1.56	32.10 1.87 -0.04	39.99 2.47 -0.66	32.96 2.06 -0.19	30.48 1.91 -0.09	29.55 1.64 -1.92	27.88 1.41 -2.13	25.10 1.33 0.00	25.27 1.15 -1.55
BARRETT_IC_9 23700	23.21 1.00 -0.94	21.13 0.93 0.00	20.37 0.86 0.00	19.82 0.78 0.00	20.30 0.80 0.00	21.54 0.93 0.00	25.40 1.15 -0.80	28.07 1.53 -1.37	29.17 1.65 -1.31	32.87 1.79 -3.60	31.19 1.70 -1.58	30.93 1.66 -2.01	28.92 1.66 -0.87	29.07 1.66 -1.10	28.86 1.69 -0.78	29.97 1.71 -1.56	32.10 1.87 -0.04	39.99 2.47 -0.66	32.96 2.06 -0.19	30.48 1.91 -0.09	29.55 1.64 -1.92	27.88 1.41 -2.13	25.10 1.33 0.00	25.27 1.15 -1.55
BARRETT___1 23545	23.21 1.00 -0.94	21.13 0.93 0.00	20.37 0.86 0.00	19.82 0.78 0.00	20.30 0.80 0.00	21.54 0.93 0.00	25.40 1.15 -0.80	28.07 1.53 -1.37	29.17 1.65 -1.31	32.87 1.79 -3.60	31.19 1.70 -1.58	30.93 1.66 -2.01	28.92 1.66 -0.87	29.07 1.66 -1.10	28.86 1.69 -0.78	29.97 1.71 -1.56	32.10 1.87 -0.04	39.99 2.47 -0.66	32.96 2.06 -0.19	30.48 1.91 -0.09	29.55 1.64 -1.92	27.88 1.41 -2.13	25.10 1.33 0.00	25.27 1.15 -1.55
BARRETT___2 23546	23.21 1.00 -0.94	21.13 0.93 0.00	20.37 0.86 0.00	19.82 0.78 0.00	20.30 0.80 0.00	21.54 0.93 0.00	25.40 1.15 -0.80	28.07 1.53 -1.37	29.17 1.65 -1.31	32.87 1.79 -3.60	31.19 1.70 -1.58	30.93 1.66 -2.01	28.92 1.66 -0.87	29.07 1.66 -1.10	28.86 1.69 -0.78	29.97 1.71 -1.56	32.10 1.87 -0.04	39.99 2.47 -0.66	32.96 2.06 -0.19	30.48 1.91 -0.09	29.55 1.64 -1.92	27.88 1.41 -2.13	25.10 1.33 0.00	25.27 1.15 -1.55
BATAVIA__115KV_TB1 55881	21.31 0.04 0.00	20.33 0.12 0.00	19.77 0.25 0.00	19.21 0.17 0.00	19.79 0.29 0.00	20.74 0.12 0.00	23.45 0.00 0.00	24.81 -0.35 0.00	26.00 -0.21 0.00	27.10 -0.38 0.00	27.46 -0.45 0.00	26.88 -0.38 0.00	25.97 -0.42 0.00	25.78 -0.53 0.00	25.87 -0.53 0.00	26.19 -0.51 0.00	29.34 -0.85 0.00	35.35 -1.51 0.00	29.95 -0.77 0.00	28.09 -0.40 0.00	25.74 -0.26 0.00	23.97 -0.37 0.00	23.54 -0.24 0.00	22.69 0.11 0.00
BAYONEEC___CTG1 323682	21.95 0.68 0.00	20.81 0.61 0.00	20.08 0.57 0.00	19.59 0.55 0.00	20.05 0.55 0.00	21.21 0.60 0.00	24.23 0.77 0.00	26.37 1.21 0.00	27.52 1.31 0.00	28.94 1.46 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.73 1.35 0.00	27.67 1.37 0.00	27.77 1.37 0.00	28.12 1.41 0.00	31.81 1.63 0.00	39.03 2.17 0.00	32.47 1.75 0.00	30.08 1.59 0.00	27.30 1.30 0.00	25.39 1.05 0.00	24.84 1.07 0.00	23.36 0.79 0.00
BAYONEEC___CTG10 323750	21.95 0.68 0.00	20.81 0.61 0.00	20.08 0.57 0.00	19.59 0.55 0.00	20.05 0.55 0.00	21.21 0.60 0.00	24.23 0.77 0.00	26.37 1.21 0.00	27.52 1.31 0.00	28.94 1.46 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.73 1.35 0.00	27.67 1.37 0.00	27.77 1.37 0.00	28.12 1.41 0.00	31.81 1.63 0.00	39.03 2.17 0.00	32.47 1.75 0.00	30.08 1.59 0.00	27.30 1.30 0.00	25.39 1.05 0.00	24.84 1.07 0.00	23.36 0.79 0.00
BAYONEEC___CTG2 323683	21.95 0.68 0.00	20.81 0.61 0.00	20.08 0.57 0.00	19.59 0.55 0.00	20.05 0.55 0.00	21.21 0.60 0.00	24.23 0.77 0.00	26.37 1.21 0.00	27.52 1.31 0.00	28.94 1.46 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.73 1.35 0.00	27.67 1.37 0.00	27.77 1.37 0.00	28.12 1.41 0.00	31.81 1.63 0.00	39.03 2.17 0.00	32.47 1.75 0.00	30.08 1.59 0.00	27.30 1.30 0.00	25.39 1.05 0.00	24.84 1.07 0.00	23.36 0.79 0.00
BAYONEEC___CTG3 323684	21.95 0.68 0.00	20.81 0.61 0.00	20.08 0.57 0.00	19.59 0.55 0.00	20.05 0.55 0.00	21.21 0.60 0.00	24.23 0.77 0.00	26.37 1.21 0.00	27.52 1.31 0.00	28.94 1.46 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.73 1.35 0.00	27.67 1.37 0.00	27.77 1.37 0.00	28.12 1.41 0.00	31.81 1.63 0.00	39.03 2.17 0.00	32.47 1.75 0.00	30.08 1.59 0.00	27.30 1.30 0.00	25.39 1.05 0.00	24.84 1.07 0.00	23.36 0.79 0.00
BAYONEEC___CTG4 323685	21.95 0.68 0.00	20.81 0.61 0.00	20.08 0.57 0.00	19.59 0.55 0.00	20.05 0.55 0.00	21.21 0.60 0.00	24.23 0.77 0.00	26.37 1.21 0.00	27.52 1.31 0.00	28.94 1.46 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.73 1.35 0.00	27.67 1.37 0.00	27.77 1.37 0.00	28.12 1.41 0.00	31.81 1.63 0.00	39.03 2.17 0.00	32.47 1.75 0.00	30.08 1.59 0.00	27.30 1.30 0.00	25.39 1.05 0.00	24.84 1.07 0.00	23.36 0.79 0.00
BAYONEEC___CTG5 323686	21.95 0.68 0.00	20.81 0.61 0.00	20.08 0.57 0.00	19.59 0.55 0.00	20.05 0.55 0.00	21.21 0.60 0.00	24.23 0.77 0.00	26.37 1.21 0.00	27.52 1.31 0.00	28.94 1.46 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.73 1.35 0.00	27.67 1.37 0.00	27.77 1.37 0.00	28.12 1.41 0.00	31.81 1.63 0.00	39.03 2.17 0.00	32.47 1.75 0.00	30.08 1.59 0.00	27.30 1.30 0.00	25.39 1.05 0.00	24.84 1.07 0.00	23.36 0.79 0.00
BAYONEEC___CTG6 323687	21.95 0.68 0.00	20.81 0.61 0.00	20.08 0.57 0.00	19.59 0.55 0.00	20.05 0.55 0.00	21.21 0.60 0.00	24.23 0.77 0.00	26.37 1.21 0.00	27.52 1.31 0.00	28.94 1.46 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.73 1.35 0.00	27.67 1.37 0.00	27.77 1.37 0.00	28.12 1.41 0.00	31.81 1.63 0.00	39.03 2.17 0.00	32.47 1.75 0.00	30.08 1.59 0.00	27.30 1.30 0.00	25.39 1.05 0.00	24.84 1.07 0.00	23.36 0.79 0.00

BAYONEEC___CTG7 323688	21.95 0.68 0.00	20.81 0.61 0.00	20.08 0.57 0.00	19.59 0.55 0.00	20.05 0.55 0.00	21.21 0.60 0.00	24.23 0.77 0.00	26.37 1.21 0.00	27.52 1.31 0.00	28.94 1.46 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.73 1.35 0.00	27.67 1.37 0.00	27.77 1.37 0.00	28.12 1.41 0.00	31.81 1.63 0.00	39.03 2.17 0.00	32.47 1.75 0.00	30.08 1.59 0.00	27.30 1.30 0.00	25.39 1.05 0.00	24.84 1.07 0.00	23.36 0.79 0.00
BAYONEEC___CTG8 323689	21.95 0.68 0.00	20.81 0.61 0.00	20.08 0.57 0.00	19.59 0.55 0.00	20.05 0.55 0.00	21.21 0.60 0.00	24.23 0.77 0.00	26.37 1.21 0.00	27.52 1.31 0.00	28.94 1.46 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.73 1.35 0.00	27.67 1.37 0.00	27.77 1.37 0.00	28.12 1.41 0.00	31.81 1.63 0.00	39.03 2.17 0.00	32.47 1.75 0.00	30.08 1.59 0.00	27.30 1.30 0.00	25.39 1.05 0.00	24.84 1.07 0.00	23.36 0.79 0.00
BAYONEEC___CTG9 323749	21.95 0.68 0.00	20.81 0.61 0.00	20.08 0.57 0.00	19.59 0.55 0.00	20.05 0.55 0.00	21.21 0.60 0.00	24.23 0.77 0.00	26.37 1.21 0.00	27.52 1.31 0.00	28.94 1.46 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.73 1.35 0.00	27.67 1.37 0.00	27.77 1.37 0.00	28.12 1.41 0.00	31.81 1.63 0.00	39.03 2.17 0.00	32.47 1.75 0.00	30.08 1.59 0.00	27.30 1.30 0.00	25.39 1.05 0.00	24.84 1.07 0.00	23.36 0.79 0.00
BEACON___LESR 323632	21.78 0.51 0.00	20.71 0.51 0.00	19.88 0.37 0.00	19.44 0.40 0.00	19.89 0.39 0.00	21.03 0.41 0.00	23.83 0.37 0.00	25.69 0.53 0.00	26.76 0.55 0.00	28.09 0.60 0.00	28.52 0.61 0.00	27.86 0.60 0.00	26.97 0.58 0.00	26.91 0.61 0.00	27.01 0.61 0.00	27.34 0.64 0.00	30.97 0.78 0.00	37.93 1.07 0.00	31.55 0.83 0.00	29.11 0.63 0.00	26.54 0.55 0.00	24.80 0.46 0.00	24.22 0.45 0.00	22.89 0.32 0.00
BEAVER RIVER___HYD 24048	20.89 -0.38 0.00	19.82 -0.38 0.00	19.10 -0.41 0.00	18.64 -0.40 0.00	19.11 -0.39 0.00	20.24 -0.37 0.00	23.10 -0.35 0.00	24.88 -0.28 0.00	25.97 -0.24 0.00	27.24 -0.25 0.00	27.62 -0.28 0.00	26.80 -0.46 0.00	25.89 -0.50 0.00	25.80 -0.50 0.00	25.92 -0.47 0.00	26.25 -0.45 0.00	29.79 -0.39 0.00	36.46 -0.40 0.00	30.26 -0.46 0.00	28.03 -0.46 0.00	25.53 -0.47 0.00	24.07 -0.27 0.00	23.46 -0.31 0.00	22.21 -0.36 0.00
BEEBEE_GT_13 23619	21.08 -0.19 0.00	20.02 -0.18 0.00	19.43 -0.08 0.00	18.93 -0.11 0.00	19.44 -0.06 0.00	20.47 -0.14 0.00	23.19 -0.26 0.00	24.63 -0.53 0.00	25.77 -0.45 0.00	26.93 -0.55 0.00	27.32 -0.59 0.00	26.74 -0.52 0.00	25.86 -0.53 0.00	25.70 -0.60 0.00	25.79 -0.61 0.00	26.09 -0.61 0.00	29.34 -0.85 0.00	35.46 -1.40 0.00	29.92 -0.80 0.00	27.94 -0.54 0.00	25.56 -0.44 0.00	23.83 -0.51 0.00	23.39 -0.38 0.00	22.44 -0.14 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.36 1.08 -0.01	21.18 0.97 -0.01	20.38 0.86 -0.01	19.90 0.86 -0.01	20.35 0.84 -0.01	21.46 0.85 0.00	24.51 1.06 0.00	26.57 1.41 0.00	27.71 1.49 0.00	29.19 1.70 0.00	29.49 1.59 0.00	28.81 1.55 0.00	27.97 1.58 0.00	27.88 1.58 0.00	27.98 1.58 0.00	28.33 1.63 0.00	32.15 1.96 0.00	39.53 2.62 -0.06	32.89 2.12 -0.06	30.34 1.85 0.00	27.56 1.56 0.00	25.80 1.46 0.00	25.25 1.45 -0.02	23.84 1.26 -0.01
BETHLEHEM___GRP 23843	21.42 0.15 0.00	20.39 0.18 0.00	19.69 0.18 0.00	19.23 0.19 0.00	19.68 0.18 0.00	20.80 0.19 0.00	23.59 0.14 0.00	25.43 0.28 0.00	26.26 0.05 0.00	27.54 0.05 0.00	27.96 0.06 0.00	27.34 0.08 0.00	26.47 0.08 0.00	26.44 0.13 0.00	26.53 0.13 0.00	26.83 0.13 0.00	30.40 0.21 0.00	37.16 0.29 0.00	30.90 0.18 0.00	28.57 0.09 0.00	26.10 0.10 0.00	24.49 0.15 0.00	23.82 0.05 0.00	22.50 -0.07 0.00
BETHLEHEM___GS1 323560	21.42 0.15 0.00	20.39 0.18 0.00	19.57 0.06 0.00	19.14 0.10 0.00	19.56 0.06 0.00	20.64 0.02 0.00	23.38 -0.07 0.00	25.21 0.05 0.00	26.24 0.03 0.00	27.54 0.06 0.00	27.96 0.06 0.00	27.34 0.08 0.00	26.47 0.08 0.00	26.44 0.13 0.00	26.53 0.13 0.00	26.84 0.13 0.00	30.40 0.21 0.00	37.15 0.29 0.00	30.90 0.19 0.00	28.57 0.09 0.00	26.05 0.05 0.00	24.36 0.02 0.00	23.82 0.05 0.00	22.50 -0.07 0.00
BETHLEHEM___GS2 323561	21.42 0.15 0.00	20.39 0.18 0.00	19.57 0.06 0.00	19.14 0.10 0.00	19.56 0.06 0.00	20.64 0.02 0.00	23.38 -0.07 0.00	25.21 0.05 0.00	26.24 0.03 0.00	27.54 0.06 0.00	27.96 0.06 0.00	27.34 0.08 0.00	26.47 0.08 0.00	26.44 0.13 0.00	26.53 0.13 0.00	26.84 0.13 0.00	30.40 0.21 0.00	37.15 0.29 0.00	30.90 0.19 0.00	28.57 0.09 0.00	26.05 0.05 0.00	24.36 0.02 0.00	23.82 0.05 0.00	22.50 -0.07 0.00
BETHLEHEM___GS3 323562	21.42 0.15 0.00	20.39 0.18 0.00	19.57 0.06 0.00	19.14 0.10 0.00	19.56 0.06 0.00	20.64 0.02 0.00	23.38 -0.07 0.00	25.21 0.05 0.00	26.24 0.03 0.00	27.54 0.06 0.00	27.96 0.06 0.00	27.34 0.08 0.00	26.47 0.08 0.00	26.44 0.13 0.00	26.53 0.13 0.00	26.84 0.13 0.00	30.40 0.21 0.00	37.15 0.29 0.00	30.90 0.19 0.00	28.57 0.09 0.00	26.05 0.05 0.00	24.36 0.02 0.00	23.82 0.05 0.00	22.50 -0.07 0.00
BETHLEHEM___STEEL 23779	21.29 0.02 0.00	20.31 0.10 0.00	19.77 0.25 0.00	19.23 0.19 0.00	19.75 0.25 0.00	20.74 0.12 0.00	23.45 0.00 0.00	24.68 -0.48 0.00	25.90 -0.31 0.00	26.93 -0.55 0.00	27.32 -0.59 0.00	26.71 -0.55 0.00	25.81 -0.58 0.00	25.59 -0.71 0.00	25.66 -0.74 0.00	25.95 -0.75 0.00	28.98 -1.21 0.00	34.87 -1.99 0.00	29.64 -1.08 0.00	27.86 -0.63 0.00	25.50 -0.49 0.00	23.88 -0.46 0.00	23.44 -0.33 0.00	22.71 0.14 0.00
BETHLHEM_115KV_TB1 79974	21.46 0.19 0.00	20.43 0.22 0.00	19.71 0.20 0.00	19.25 0.21 0.00	19.72 0.21 0.00	20.82 0.21 0.00	23.62 0.16 0.00	25.46 0.30 0.00	26.34 0.13 0.00	27.62 0.14 0.00	28.04 0.14 0.00	27.42 0.16 0.00	26.55 0.16 0.00	26.51 0.21 0.00	26.61 0.21 0.00	26.91 0.21 0.00	30.49 0.30 0.00	37.27 0.41 0.00	30.99 0.28 0.00	28.66 0.17 0.00	26.18 0.18 0.00	24.53 0.19 0.00	23.89 0.12 0.00	22.57 0.00 0.00
BETHPAGE_CC_5 323564	23.44 1.23 -0.94	21.36 1.15 0.00	20.58 1.07 0.00	20.01 0.97 0.00	20.51 1.01 0.00	21.79 1.17 0.00	25.66 1.41 -0.80	28.32 1.79 -1.37	29.38 1.86 -1.31	33.09 2.01 -3.60	31.49 2.01 -1.58	31.24 1.96 -2.01	29.18 1.93 -0.87	29.33 1.92 -1.10	29.10 1.93 -0.78	30.24 1.98 -1.56	32.40 2.17 -0.04	40.51 2.98 -0.66	33.36 2.46 -0.19	30.76 2.19 -0.09	29.79 1.87 -1.92	28.10 1.63 -2.13	25.32 1.54 0.00	25.52 1.40 -1.55
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.37 0.11 0.00	20.39 0.18 0.00	19.84 0.33 0.00	19.31 0.27 0.00	19.81 0.31 0.00	20.82 0.21 0.00	23.57 0.12 0.00	24.81 -0.35 0.00	26.03 -0.18 0.00	27.04 -0.44 0.00	27.46 -0.45 0.00	26.85 -0.41 0.00	25.94 -0.45 0.00	25.73 -0.58 0.00	25.79 -0.61 0.00	26.09 -0.61 0.00	29.13 -1.06 0.00	35.05 -1.81 0.00	29.76 -0.95 0.00	28.00 -0.48 0.00	25.61 -0.39 0.00	23.97 -0.37 0.00	23.56 -0.21 0.00	22.80 0.23 0.00

BINGHAMTON___COGEN 23790	21.42 0.15 0.00	20.37 0.16 0.00	19.69 0.18 0.00	19.21 0.17 0.00	19.68 0.18 0.00	20.80 0.19 0.00	23.64 0.19 0.00	25.28 0.13 0.00	26.39 0.18 0.00	27.65 0.16 0.00	28.07 0.17 0.00	27.42 0.16 0.00	26.52 0.13 0.00	26.38 0.08 0.00	26.50 0.11 0.00	26.81 0.11 0.00	30.25 0.06 0.00	36.82 -0.04 0.00	30.81 0.09 0.00	28.68 0.20 0.00	26.21 0.21 0.00	24.51 0.17 0.00	23.94 0.17 0.00	22.84 0.27 0.00
BIXINCNT_115KV_LOAD 355685	21.50 0.23 0.00	20.51 0.30 0.00	19.94 0.43 0.00	19.42 0.38 0.00	19.87 0.37 0.00	20.92 0.31 0.00	23.71 0.26 0.00	25.16 0.00 0.00	26.37 0.16 0.00	27.37 -0.11 0.00	27.74 -0.17 0.00	27.07 -0.19 0.00	26.07 -0.32 0.00	25.80 -0.50 0.00	25.92 -0.48 0.00	26.27 -0.43 0.00	29.31 -0.88 0.00	35.24 -1.62 0.00	29.70 -1.01 0.00	27.91 -0.57 0.00	25.61 -0.39 0.00	24.00 -0.34 0.00	23.65 -0.12 0.00	22.91 0.34 0.00
BLACK RIVER___HYD 24047	20.76 -0.51 0.00	19.68 -0.53 0.00	18.99 -0.53 0.00	18.51 -0.53 0.00	18.98 -0.53 0.00	20.12 -0.49 0.00	22.98 -0.47 0.00	24.71 -0.45 0.00	25.79 -0.42 0.00	27.04 -0.44 0.00	27.46 -0.45 0.00	26.69 -0.57 0.00	25.78 -0.61 0.00	25.67 -0.63 0.00	25.84 -0.56 0.00	26.17 -0.53 0.00	29.73 -0.45 0.00	36.38 -0.48 0.00	30.19 -0.52 0.00	27.97 -0.51 0.00	25.45 -0.55 0.00	24.00 -0.34 0.00	23.37 -0.40 0.00	22.12 -0.45 0.00
BLACKRVR_115KV_TB2 79977	20.76 -0.51 0.00	19.68 -0.53 0.00	18.99 -0.53 0.00	18.51 -0.53 0.00	18.97 -0.53 0.00	20.12 -0.49 0.00	22.96 -0.49 0.00	24.70 -0.45 0.00	25.79 -0.42 0.00	27.04 -0.44 0.00	27.46 -0.45 0.00	26.69 -0.57 0.00	25.78 -0.61 0.00	25.67 -0.63 0.00	25.84 -0.55 0.00	26.17 -0.53 0.00	29.73 -0.45 0.00	36.38 -0.48 0.00	30.19 -0.52 0.00	27.97 -0.51 0.00	25.43 -0.57 0.00	23.95 -0.39 0.00	23.37 -0.40 0.00	22.12 -0.45 0.00
BLISS_WT_PWR 323608	21.48 0.21 0.00	20.45 0.24 0.00	19.90 0.39 0.00	19.36 0.32 0.00	19.85 0.35 0.00	20.92 0.31 0.00	23.76 0.30 0.00	25.26 0.10 0.00	26.32 0.11 0.00	27.32 -0.16 0.00	27.65 -0.25 0.00	26.99 -0.27 0.00	25.99 -0.40 0.00	25.70 -0.60 0.00	25.84 -0.56 0.00	26.19 -0.51 0.00	29.34 -0.84 0.00	35.09 -1.77 0.00	29.55 -1.17 0.00	27.77 -0.71 0.00	25.56 -0.44 0.00	23.88 -0.46 0.00	23.56 -0.21 0.00	22.86 0.29 0.00
BLUESTONE___WT_PWR 323821	22.48 1.21 0.00	21.34 1.13 0.00	20.58 1.07 0.00	20.07 1.03 0.00	20.57 1.07 0.00	21.79 1.17 0.00	24.86 1.41 0.00	26.74 1.59 0.00	27.91 1.70 0.00	29.30 1.81 0.00	29.80 1.90 0.00	29.09 1.83 0.00	28.08 1.69 0.00	27.99 1.68 0.00	28.17 1.77 0.00	28.46 1.76 0.00	32.24 2.05 0.00	39.40 2.54 0.00	32.83 2.12 0.00	30.51 2.02 0.00	27.82 1.82 0.00	25.97 1.63 0.00	25.27 1.50 0.00	23.97 1.40 0.00
BLUE_CIRC_CHEM_DRP 24182	21.71 0.45 0.00	20.65 0.44 0.00	19.92 0.41 0.00	19.46 0.42 0.00	19.91 0.41 0.00	21.05 0.43 0.00	23.90 0.45 0.00	25.71 0.55 0.00	26.68 0.47 0.00	27.95 0.47 0.00	28.41 0.50 0.00	27.75 0.49 0.00	26.86 0.47 0.00	26.83 0.53 0.00	26.93 0.53 0.00	27.26 0.56 0.00	30.85 0.66 0.00	37.71 0.85 0.00	31.39 0.68 0.00	29.03 0.54 0.00	26.52 0.52 0.00	24.85 0.51 0.00	24.20 0.43 0.00	22.91 0.34 0.00
BOC_GAS_DRP 24189	21.52 0.26 0.00	20.45 0.24 0.00	19.75 0.23 0.00	19.27 0.23 0.00	19.74 0.23 0.00	20.86 0.25 0.00	23.71 0.26 0.00	25.53 0.38 0.00	26.55 0.34 0.00	27.84 0.36 0.00	28.27 0.36 0.00	27.61 0.35 0.00	26.76 0.37 0.00	26.70 0.39 0.00	26.79 0.40 0.00	27.10 0.40 0.00	30.70 0.51 0.00	37.52 0.66 0.00	31.21 0.49 0.00	28.88 0.40 0.00	26.36 0.36 0.00	24.70 0.37 0.00	24.03 0.26 0.00	22.75 0.18 0.00
BOONVILLE_115KV_TB1 79983	21.48 0.21 0.00	20.39 0.18 0.00	19.67 0.16 0.00	19.17 0.13 0.00	19.66 0.16 0.00	20.82 0.21 0.00	23.73 0.28 0.00	25.53 0.38 0.00	26.66 0.45 0.00	27.95 0.47 0.00	28.29 0.39 0.00	27.61 0.35 0.00	26.70 0.32 0.00	26.62 0.32 0.00	26.77 0.37 0.00	27.05 0.35 0.00	30.64 0.45 0.00	37.45 0.59 0.00	31.11 0.40 0.00	28.85 0.37 0.00	26.28 0.29 0.00	24.68 0.34 0.00	24.06 0.29 0.00	22.80 0.23 0.00
BORALEX_4TH_BRANCH 23824	21.82 0.55 0.00	20.75 0.55 0.00	20.02 0.51 0.00	19.53 0.50 0.00	20.05 0.55 0.00	21.21 0.60 0.00	24.11 0.66 0.00	26.04 0.88 0.00	27.15 0.94 0.00	28.42 0.93 0.00	28.91 1.00 0.00	28.27 1.01 0.00	27.36 0.98 0.00	27.36 1.05 0.00	27.43 1.03 0.00	27.72 1.01 0.00	31.45 1.27 0.00	38.48 1.62 0.00	31.94 1.23 0.00	29.48 1.00 0.00	26.96 0.96 0.00	25.29 0.95 0.00	24.49 0.71 0.00	23.14 0.56 0.00
BOWLINE___1 23526	21.89 0.62 0.00	20.77 0.56 0.00	20.04 0.53 0.00	19.55 0.51 0.00	20.01 0.51 0.00	21.17 0.56 0.00	24.16 0.70 0.00	26.21 1.06 0.00	27.36 1.15 0.00	28.75 1.26 0.00	29.10 1.20 0.00	28.46 1.20 0.00	27.58 1.19 0.00	27.51 1.21 0.00	27.61 1.21 0.00	27.93 1.23 0.00	31.60 1.42 0.00	38.74 1.88 0.00	32.25 1.54 0.00	29.85 1.37 0.00	27.14 1.14 0.00	25.29 0.95 0.00	24.70 0.93 0.00	23.29 0.72 0.00
BOWLINE___2 23595	21.89 0.62 0.00	20.77 0.56 0.00	20.04 0.53 0.00	19.55 0.51 0.00	20.01 0.51 0.00	21.17 0.56 0.00	24.16 0.70 0.00	26.21 1.06 0.00	27.36 1.15 0.00	28.75 1.26 0.00	29.13 1.23 0.00	28.46 1.20 0.00	27.58 1.19 0.00	27.51 1.21 0.00	27.61 1.21 0.00	27.93 1.23 0.00	31.60 1.42 0.00	38.74 1.88 0.00	32.25 1.54 0.00	29.88 1.40 0.00	27.14 1.14 0.00	25.29 0.95 0.00	24.70 0.93 0.00	23.29 0.72 0.00
BRADY___115KV_TB2 356060	21.50 0.23 0.00	20.43 0.22 0.00	19.73 0.21 0.00	19.25 0.21 0.00	19.70 0.20 0.00	20.84 0.23 0.00	23.73 0.28 0.00	25.56 0.40 0.00	26.66 0.45 0.00	27.98 0.49 0.00	28.41 0.50 0.00	27.72 0.46 0.00	26.84 0.45 0.00	26.75 0.45 0.00	26.82 0.42 0.00	27.13 0.43 0.00	30.67 0.48 0.00	37.49 0.63 0.00	31.18 0.46 0.00	28.88 0.40 0.00	26.28 0.29 0.00	24.61 0.27 0.00	24.01 0.24 0.00	22.75 0.18 0.00
BRANSCOMB___SOLAR 323811	21.99 0.72 0.00	20.87 0.67 0.00	20.14 0.62 0.00	19.67 0.63 0.00	20.14 0.64 0.00	21.34 0.72 0.00	24.25 0.80 0.00	26.16 1.01 0.00	27.31 1.10 0.00	28.64 1.15 0.00	29.10 1.20 0.00	28.46 1.20 0.00	27.52 1.13 0.00	27.49 1.18 0.00	27.59 1.19 0.00	27.96 1.26 0.00	31.63 1.45 0.00	38.70 1.84 0.00	32.19 1.47 0.00	29.71 1.22 0.00	27.09 1.09 0.00	25.29 0.95 0.00	24.65 0.88 0.00	23.34 0.77 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	23.63 1.42 -0.94	21.54 1.33 0.00	20.70 1.19 0.00	20.11 1.07 0.00	20.63 1.13 0.00	21.83 1.22 0.00	25.83 1.57 -0.80	28.49 1.96 -1.37	29.64 2.12 -1.31	33.42 2.34 -3.60	31.83 2.34 -1.58	31.56 2.29 -2.01	29.37 2.11 -0.87	29.54 2.13 -1.10	29.31 2.14 -0.78	30.43 2.16 -1.56	32.85 2.63 -0.04	40.91 3.39 -0.66	33.64 2.73 -0.19	30.99 2.42 -0.09	30.02 2.11 -1.92	28.37 1.90 -2.13	25.39 1.62 0.00	25.68 1.56 -1.55

BRISTLHL_115KV_TB1 79998	20.80 -0.47 0.00	19.76 -0.44 0.00	19.10 -0.41 0.00	18.64 -0.40 0.00	19.09 -0.41 0.00	20.18 -0.43 0.00	22.94 -0.52 0.00	24.45 -0.70 0.00	25.50 -0.71 0.00	26.74 -0.74 0.00	27.18 -0.73 0.00	26.55 -0.71 0.00	25.70 -0.69 0.00	25.62 -0.68 0.00	25.71 -0.69 0.00	26.03 -0.67 0.00	29.40 -0.78 0.00	35.86 -1.00 0.00	29.89 -0.83 0.00	27.77 -0.71 0.00	25.35 -0.65 0.00	23.76 -0.58 0.00	23.27 -0.50 0.00	22.19 -0.38 0.00
BROOKHAVEN___DRP 24191	23.66 1.45 -0.94	21.62 1.41 0.00	20.76 1.25 0.00	20.16 1.12 0.00	20.69 1.19 0.00	21.87 1.26 0.00	25.80 1.55 -0.80	28.44 1.91 -1.37	29.59 2.07 -1.31	33.50 2.42 -3.60	31.94 2.46 -1.58	31.64 2.37 -2.01	29.16 1.90 -0.87	29.33 1.92 -1.10	29.07 1.90 -0.78	30.19 1.92 -1.56	32.64 2.41 -0.04	40.73 3.21 -0.66	33.33 2.43 -0.19	30.71 2.14 -0.09	29.74 1.82 -1.92	28.07 1.61 -2.13	25.10 1.33 0.00	25.63 1.51 -1.55
BROOKLYN_NAVY_YARD 23515	21.93 0.66 0.00	20.79 0.59 0.00	20.06 0.55 0.00	19.57 0.53 0.00	20.03 0.53 0.00	21.19 0.58 0.00	24.23 0.77 0.00	26.37 1.21 0.00	27.55 1.34 0.00	28.97 1.48 0.00	29.30 1.39 0.00	28.62 1.36 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.12 1.41 0.00	31.84 1.66 0.00	39.07 2.21 0.00	32.53 1.81 0.00	30.11 1.62 0.00	27.30 1.30 0.00	25.41 1.07 0.00	24.84 1.07 0.00	23.36 0.79 0.00
BROOKLYN___ARMY_DRP 323595	22.28 1.00 -0.01	21.10 0.89 -0.01	20.30 0.78 -0.01	19.83 0.78 -0.01	20.29 0.78 -0.01	21.38 0.76 0.00	24.41 0.96 0.00	26.47 1.31 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	32.03 1.84 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.45 1.46 0.00	25.70 1.36 0.00	25.13 1.33 -0.02	23.75 1.17 -0.01
BROOKVLE_69_KV_TB1 55790	23.42 1.21 -0.94	21.32 1.11 0.00	20.49 0.98 0.00	19.95 0.91 0.00	20.46 0.96 0.00	21.67 1.05 0.00	25.61 1.36 -0.80	28.29 1.76 -1.37	29.43 1.91 -1.31	33.14 2.06 -3.60	31.55 2.06 -1.58	31.29 2.02 -2.01	29.23 1.98 -0.87	29.38 1.97 -1.10	29.18 2.01 -0.78	30.29 2.03 -1.56	32.61 2.38 -0.04	40.47 2.95 -0.66	33.39 2.49 -0.19	30.82 2.25 -0.09	29.89 1.98 -1.92	28.27 1.80 -2.13	25.34 1.57 0.00	25.50 1.38 -1.55
BROOME_2_LFGE 323671	21.42 0.15 0.00	20.37 0.16 0.00	19.69 0.18 0.00	19.21 0.17 0.00	19.70 0.19 0.00	20.82 0.21 0.00	23.69 0.23 0.00	25.33 0.18 0.00	26.40 0.18 0.00	27.65 0.17 0.00	28.07 0.17 0.00	27.42 0.16 0.00	26.52 0.13 0.00	26.38 0.08 0.00	26.50 0.11 0.00	26.81 0.11 0.00	30.28 0.09 0.00	36.82 -0.04 0.00	30.81 0.09 0.00	28.69 0.20 0.00	26.20 0.21 0.00	24.53 0.19 0.00	23.94 0.17 0.00	22.84 0.27 0.00
BROOME___LFGE 323600	21.42 0.15 0.00	20.37 0.16 0.00	19.69 0.18 0.00	19.21 0.17 0.00	19.70 0.19 0.00	20.82 0.21 0.00	23.69 0.23 0.00	25.33 0.18 0.00	26.40 0.18 0.00	27.65 0.17 0.00	28.07 0.17 0.00	27.42 0.16 0.00	26.52 0.13 0.00	26.38 0.08 0.00	26.50 0.11 0.00	26.81 0.11 0.00	30.28 0.09 0.00	36.82 -0.04 0.00	30.81 0.09 0.00	28.69 0.20 0.00	26.20 0.21 0.00	24.53 0.19 0.00	23.94 0.17 0.00	22.84 0.27 0.00
BROWNFLS_115KV_TB_3_5 80003	20.74 -0.53 0.00	19.70 -0.51 0.00	19.01 -0.51 0.00	18.53 -0.51 0.00	18.99 -0.51 0.00	20.10 -0.52 0.00	22.94 -0.52 0.00	24.70 -0.45 0.00	25.77 -0.45 0.00	27.04 -0.44 0.00	27.46 -0.45 0.00	26.69 -0.57 0.00	25.81 -0.58 0.00	25.73 -0.58 0.00	25.82 -0.58 0.00	26.14 -0.56 0.00	29.61 -0.57 0.00	36.23 -0.63 0.00	30.07 -0.65 0.00	27.89 -0.60 0.00	25.37 -0.62 0.00	23.83 -0.51 0.00	23.25 -0.52 0.00	22.01 -0.56 0.00
BROWNSV1_27_KV_LOAD 356125	22.18 0.91 0.00	20.99 0.79 0.00	20.20 0.68 0.00	19.74 0.70 0.00	20.18 0.68 0.00	21.36 0.74 0.00	24.46 1.01 0.00	26.59 1.43 0.00	27.78 1.57 0.00	29.24 1.76 0.00	29.58 1.67 0.00	28.92 1.66 0.00	28.02 1.64 0.00	27.96 1.66 0.00	28.06 1.66 0.00	28.38 1.68 0.00	32.24 2.05 0.00	39.48 2.62 0.00	32.87 2.15 0.00	30.42 1.94 0.00	27.61 1.61 0.00	25.80 1.46 0.00	25.10 1.33 0.00	23.63 1.06 0.00
BURROWS___LYONSDAL 23803	21.35 0.09 0.00	20.27 0.06 0.00	19.55 0.04 0.00	19.08 0.04 0.00	19.54 0.04 0.00	20.72 0.10 0.00	23.62 0.16 0.00	25.41 0.25 0.00	26.53 0.31 0.00	27.81 0.33 0.00	28.18 0.28 0.00	27.42 0.16 0.00	26.52 0.13 0.00	26.44 0.13 0.00	26.56 0.16 0.00	26.89 0.19 0.00	30.46 0.27 0.00	37.23 0.37 0.00	30.93 0.22 0.00	28.66 0.17 0.00	26.10 0.10 0.00	24.56 0.22 0.00	23.96 0.19 0.00	22.69 0.11 0.00
CAITHNESS_CC_1 323624	23.59 1.38 -0.94	21.54 1.33 0.00	20.74 1.23 0.00	20.14 1.10 0.00	20.67 1.17 0.00	21.95 1.34 0.00	25.76 1.50 -0.80	28.39 1.86 -1.37	29.54 2.02 -1.31	33.39 2.31 -3.60	31.83 2.34 -1.58	31.56 2.29 -2.01	29.13 1.87 -0.87	29.30 1.89 -1.10	29.13 1.95 -0.78	30.16 1.90 -1.56	32.31 2.08 -0.04	40.65 3.13 -0.66	33.30 2.40 -0.19	30.68 2.11 -0.09	29.68 1.77 -1.92	27.95 1.48 -2.13	25.10 1.33 0.00	25.56 1.45 -1.55
CALPINE BETH_PAGE_GT4 24209	23.44 1.23 -0.94	21.36 1.15 0.00	20.53 1.01 0.00	19.97 0.93 0.00	20.48 0.98 0.00	21.69 1.07 0.00	25.64 1.38 -0.80	28.24 1.71 -1.37	29.30 1.78 -1.31	33.03 1.95 -3.60	31.41 1.93 -1.58	31.18 1.91 -2.01	29.10 1.85 -0.87	29.25 1.84 -1.10	29.02 1.85 -0.78	30.19 1.92 -1.56	32.49 2.26 -0.04	40.43 2.91 -0.66	33.27 2.37 -0.19	30.71 2.14 -0.09	29.76 1.85 -1.92	28.20 1.73 -2.13	25.34 1.57 0.00	25.52 1.40 -1.55
CALPINE_BETH_PAGE_GT_4 323586	23.44 1.23 -0.94	21.36 1.15 0.00	20.57 1.05 0.00	20.01 0.97 0.00	20.50 0.99 0.00	21.77 1.15 0.00	25.66 1.41 -0.80	28.27 1.73 -1.37	29.33 1.81 -1.31	33.03 1.95 -3.60	31.41 1.92 -1.58	31.18 1.91 -2.01	29.10 1.85 -0.87	29.25 1.84 -1.10	29.05 1.87 -0.78	30.16 1.90 -1.56	32.34 2.11 -0.04	40.43 2.91 -0.66	33.27 2.37 -0.19	30.71 2.14 -0.09	29.73 1.82 -1.92	28.05 1.58 -2.13	25.34 1.57 0.00	25.50 1.38 -1.55
CALPINE_BP_GT1 23823	23.44 1.23 -0.94	21.36 1.15 0.00	20.57 1.05 0.00	20.01 0.97 0.00	20.50 0.99 0.00	21.77 1.15 0.00	25.66 1.41 -0.80	28.27 1.73 -1.37	29.33 1.81 -1.31	33.03 1.95 -3.60	31.41 1.92 -1.58	31.18 1.91 -2.01	29.10 1.85 -0.87	29.25 1.84 -1.10	29.05 1.87 -0.78	30.16 1.90 -1.56	32.34 2.11 -0.04	40.43 2.91 -0.66	33.27 2.37 -0.19	30.71 2.14 -0.09	29.73 1.82 -1.92	28.05 1.58 -2.13	25.34 1.57 0.00	25.50 1.38 -1.55
CALSPAN___DRP 24200	21.29 0.02 0.00	20.31 0.10 0.00	19.77 0.25 0.00	19.23 0.19 0.00	19.75 0.25 0.00	20.74 0.12 0.00	23.45 0.00 0.00	24.68 -0.48 0.00	25.90 -0.31 0.00	26.93 -0.55 0.00	27.32 -0.59 0.00	26.71 -0.55 0.00	25.81 -0.58 0.00	25.59 -0.71 0.00	25.66 -0.74 0.00	25.95 -0.75 0.00	28.98 -1.21 0.00	34.87 -1.99 0.00	29.64 -1.08 0.00	27.86 -0.63 0.00	25.50 -0.49 0.00	23.88 -0.46 0.00	23.44 -0.33 0.00	22.71 0.14 0.00

CALVERTON___SOLAR 323806	23.72 1.51 -0.94	21.68 1.47 0.00	20.88 1.37 0.00	20.26 1.22 0.00	20.79 1.29 0.00	22.10 1.49 0.00	25.92 1.67 -0.80	28.54 2.01 -1.37	29.69 2.17 -1.31	33.61 2.53 -3.60	32.08 2.60 -1.58	31.78 2.51 -2.01	29.21 1.95 -0.87	29.38 1.97 -1.10	29.21 2.03 -0.78	30.24 1.98 -1.56	32.40 2.17 -0.04	40.84 3.32 -0.66	33.42 2.52 -0.19	30.76 2.19 -0.09	29.73 1.82 -1.92	28.00 1.53 -2.13	25.15 1.38 0.00	25.70 1.58 -1.55
CANDIGU_WT_PWR 323617	21.42 0.15 0.00	20.35 0.14 0.00	19.73 0.22 0.00	19.23 0.19 0.00	19.74 0.23 0.00	20.82 0.21 0.00	23.64 0.19 0.00	25.13 -0.03 0.00	26.21 0.00 0.00	27.35 -0.14 0.00	27.76 -0.14 0.00	27.10 -0.16 0.00	26.18 -0.21 0.00	25.99 -0.31 0.00	26.08 -0.32 0.00	26.41 -0.29 0.00	29.76 -0.42 0.00	35.90 -0.96 0.00	30.26 -0.46 0.00	28.31 -0.17 0.00	25.92 -0.08 0.00	24.22 -0.12 0.00	23.68 -0.09 0.00	22.80 0.23 0.00
CARR STREET_E_SYR 24060	21.03 -0.23 0.00	19.98 -0.22 0.00	19.32 -0.20 0.00	18.85 -0.19 0.00	19.33 -0.18 0.00	20.43 -0.19 0.00	23.24 -0.21 0.00	24.78 -0.38 0.00	25.79 -0.42 0.00	27.04 -0.44 0.00	27.49 -0.42 0.00	26.85 -0.41 0.00	25.99 -0.40 0.00	25.91 -0.39 0.00	26.00 -0.40 0.00	26.22 -0.48 0.00	29.52 -0.66 0.00	35.98 -0.88 0.00	30.01 -0.71 0.00	28.00 -0.48 0.00	25.66 -0.34 0.00	24.07 -0.27 0.00	23.51 -0.26 0.00	22.39 -0.18 0.00
CARTHAGE___PAPER 23857	20.78 -0.49 0.00	19.72 -0.49 0.00	19.03 -0.49 0.00	18.54 -0.50 0.00	19.01 -0.49 0.00	20.16 -0.45 0.00	23.03 -0.42 0.00	24.81 -0.35 0.00	25.87 -0.34 0.00	27.13 -0.36 0.00	27.54 -0.36 0.00	26.74 -0.52 0.00	25.83 -0.56 0.00	25.72 -0.58 0.00	25.87 -0.53 0.00	26.19 -0.51 0.00	29.76 -0.42 0.00	36.42 -0.44 0.00	30.22 -0.49 0.00	28.00 -0.48 0.00	25.48 -0.52 0.00	24.02 -0.32 0.00	23.39 -0.38 0.00	22.12 -0.45 0.00
CASSADAGA_WT_PWR 323784	21.82 0.55 0.00	20.71 0.51 0.00	20.16 0.64 0.00	19.69 0.65 0.00	20.18 0.68 0.00	21.27 0.66 0.00	24.27 0.82 0.00	25.58 0.43 0.00	26.66 0.45 0.00	27.70 0.22 0.00	28.10 0.20 0.00	27.45 0.19 0.00	26.44 0.05 0.00	26.17 -0.13 0.00	26.21 -0.18 0.00	26.49 -0.21 0.00	29.79 -0.39 0.00	35.79 -1.07 0.00	30.32 -0.40 0.00	28.51 0.03 0.00	26.15 0.16 0.00	24.36 0.02 0.00	23.84 0.07 0.00	23.16 0.59 0.00
CE_DUNWOOD___DRP 24194	21.91 0.64 0.00	20.79 0.59 0.00	20.02 0.51 0.00	19.53 0.50 0.00	19.99 0.49 0.00	21.15 0.54 0.00	24.16 0.70 0.00	26.24 1.08 0.00	27.39 1.18 0.00	28.78 1.29 0.00	29.16 1.26 0.00	28.51 1.25 0.00	27.63 1.24 0.00	27.54 1.24 0.00	27.67 1.27 0.00	27.98 1.28 0.00	31.69 1.51 0.00	38.81 1.95 0.00	32.31 1.60 0.00	29.91 1.42 0.00	27.22 1.22 0.00	25.46 1.12 0.00	24.72 0.95 0.00	23.34 0.77 0.00
CE_MILLWOOD___DRP 24193	21.88 0.62 0.00	20.75 0.55 0.00	19.98 0.47 0.00	19.52 0.48 0.00	19.97 0.47 0.00	21.13 0.52 0.00	24.11 0.66 0.00	26.16 1.01 0.00	27.34 1.13 0.00	28.72 1.24 0.00	29.10 1.20 0.00	28.43 1.17 0.00	27.55 1.16 0.00	27.49 1.18 0.00	27.59 1.19 0.00	27.90 1.20 0.00	31.63 1.45 0.00	38.70 1.84 0.00	32.22 1.51 0.00	29.82 1.34 0.00	27.17 1.17 0.00	25.39 1.05 0.00	24.68 0.90 0.00	23.29 0.72 0.00
CE_NYC2_DRP 24202	22.13 0.85 -0.01	20.95 0.75 0.00	20.16 0.64 0.00	19.69 0.65 0.00	20.14 0.64 0.00	21.27 0.66 0.00	24.30 0.84 0.00	26.37 1.21 0.00	27.52 1.31 0.00	28.97 1.48 0.00	29.30 1.40 0.00	28.65 1.39 0.00	27.79 1.40 0.00	27.70 1.39 0.00	27.82 1.43 0.00	28.14 1.44 0.00	31.91 1.72 0.00	39.15 2.29 0.00	32.56 1.84 0.00	30.11 1.62 0.00	27.35 1.35 0.00	25.58 1.24 0.00	24.96 1.19 0.00	23.57 0.99 -0.01
CE_NYC_DRP 24195	21.97 0.70 0.00	20.83 0.63 0.00	20.04 0.53 0.00	19.57 0.53 0.00	20.03 0.53 0.00	21.17 0.56 0.00	24.25 0.80 0.00	26.34 1.18 0.00	27.55 1.34 0.00	28.97 1.48 0.00	29.30 1.40 0.00	28.65 1.39 0.00	27.79 1.40 0.00	27.70 1.39 0.00	27.82 1.43 0.00	28.14 1.44 0.00	31.91 1.72 0.00	39.07 2.21 0.00	32.53 1.81 0.00	30.11 1.62 0.00	27.35 1.35 0.00	25.56 1.22 0.00	24.87 1.09 0.00	23.43 0.86 0.00
CHAFFEE___LFGE 323603	21.40 0.13 0.00	20.37 0.16 0.00	19.82 0.31 0.00	19.31 0.27 0.00	19.87 0.37 0.00	20.88 0.27 0.00	23.66 0.21 0.00	24.93 -0.23 0.00	26.03 -0.18 0.00	27.07 -0.41 0.00	27.46 -0.45 0.00	26.88 -0.38 0.00	25.94 -0.45 0.00	25.72 -0.58 0.00	25.79 -0.61 0.00	26.11 -0.59 0.00	29.34 -0.84 0.00	35.13 -1.73 0.00	29.82 -0.89 0.00	28.03 -0.46 0.00	25.74 -0.26 0.00	24.05 -0.29 0.00	23.56 -0.21 0.00	22.82 0.25 0.00
CHATEAUG_35_KV_LOAD 355732	21.78 0.51 0.00	20.71 0.51 0.00	20.02 0.51 0.00	19.52 0.48 0.00	19.97 0.47 0.00	21.09 0.47 0.00	24.04 0.59 0.00	25.86 0.70 0.00	26.95 0.73 0.00	28.25 0.77 0.00	28.68 0.78 0.00	27.97 0.71 0.00	27.07 0.69 0.00	26.91 0.60 0.00	26.95 0.55 0.00	27.29 0.59 0.00	30.85 0.66 0.00	37.74 0.88 0.00	31.42 0.71 0.00	29.14 0.66 0.00	26.52 0.52 0.00	24.78 0.44 0.00	24.20 0.43 0.00	22.98 0.41 0.00
CHATEAUG_WT_PWR 323614	21.76 0.49 0.00	20.69 0.48 0.00	20.00 0.49 0.00	19.50 0.46 0.00	19.93 0.43 0.00	21.07 0.45 0.00	23.99 0.54 0.00	25.81 0.65 0.00	26.89 0.68 0.00	28.20 0.71 0.00	28.63 0.72 0.00	27.94 0.68 0.00	27.02 0.63 0.00	26.88 0.58 0.00	26.93 0.53 0.00	27.26 0.56 0.00	30.79 0.60 0.00	37.67 0.81 0.00	31.36 0.65 0.00	29.08 0.60 0.00	26.47 0.47 0.00	24.75 0.41 0.00	24.18 0.40 0.00	22.96 0.38 0.00
CHAT_HIGH_FALL_HYD 323578	21.78 0.51 0.00	20.71 0.51 0.00	20.02 0.51 0.00	19.52 0.48 0.00	19.97 0.47 0.00	21.09 0.47 0.00	24.04 0.59 0.00	25.86 0.70 0.00	26.95 0.73 0.00	28.25 0.77 0.00	28.68 0.78 0.00	27.97 0.71 0.00	27.07 0.69 0.00	26.91 0.60 0.00	26.95 0.55 0.00	27.29 0.59 0.00	30.85 0.66 0.00	37.74 0.88 0.00	31.42 0.71 0.00	29.14 0.66 0.00	26.52 0.52 0.00	24.78 0.44 0.00	24.20 0.43 0.00	22.98 0.41 0.00
CHAUTAUQUA___LFGE 323629	21.61 0.34 0.00	20.55 0.34 0.00	20.00 0.49 0.00	19.50 0.46 0.00	20.03 0.53 0.00	21.09 0.47 0.00	23.97 0.52 0.00	25.26 0.10 0.00	26.34 0.13 0.00	27.38 -0.11 0.00	27.76 -0.14 0.00	27.15 -0.11 0.00	26.18 -0.21 0.00	25.94 -0.37 0.00	26.00 -0.40 0.00	26.27 -0.43 0.00	29.52 -0.66 0.00	35.42 -1.44 0.00	30.07 -0.65 0.00	28.26 -0.23 0.00	25.95 -0.05 0.00	24.22 -0.12 0.00	23.70 -0.07 0.00	23.00 0.43 0.00
CHERRYST_13_KV_LD 356241	22.03 0.77 0.00	20.87 0.67 0.00	20.08 0.57 0.00	19.63 0.59 0.00	20.07 0.57 0.00	21.23 0.62 0.00	24.30 0.84 0.00	26.42 1.26 0.00	27.63 1.42 0.00	29.05 1.57 0.00	29.38 1.48 0.00	28.73 1.47 0.00	27.87 1.48 0.00	27.80 1.50 0.00	27.90 1.50 0.00	28.22 1.52 0.00	32.03 1.84 0.00	39.22 2.36 0.00	32.62 1.90 0.00	30.19 1.71 0.00	27.43 1.43 0.00	25.61 1.27 0.00	24.91 1.14 0.00	23.48 0.90 0.00

CHESTROR_138KV_BK263 355645	21.65 0.38 0.00	20.55 0.34 0.00	19.79 0.27 0.00	19.32 0.29 0.00	19.77 0.27 0.00	20.92 0.31 0.00	23.87 0.42 0.00	25.81 0.65 0.00	26.95 0.73 0.00	28.28 0.80 0.00	28.68 0.78 0.00	28.02 0.76 0.00	27.15 0.77 0.00	27.07 0.76 0.00	27.19 0.79 0.00	27.48 0.77 0.00	31.09 0.91 0.00	38.08 1.22 0.00	31.70 0.98 0.00	29.40 0.91 0.00	26.80 0.81 0.00	25.07 0.73 0.00	24.37 0.59 0.00	23.02 0.45 0.00
CH_MIDHUDSON___DRP 24192	21.88 0.62 0.00	20.77 0.57 0.00	20.00 0.49 0.00	19.52 0.48 0.00	19.99 0.49 0.00	21.13 0.52 0.00	24.11 0.66 0.00	26.06 0.91 0.00	27.21 1.00 0.00	28.58 1.10 0.00	28.99 1.09 0.00	28.32 1.06 0.00	27.44 1.06 0.00	27.38 1.08 0.00	27.51 1.11 0.00	27.82 1.12 0.00	31.51 1.33 0.00	38.56 1.70 0.00	32.10 1.38 0.00	29.71 1.22 0.00	27.06 1.07 0.00	25.31 0.97 0.00	24.60 0.83 0.00	23.23 0.65 0.00
CH_MISC_IPPS 23765	21.95 0.68 0.00	20.83 0.63 0.00	20.10 0.58 0.00	19.61 0.57 0.00	20.05 0.55 0.00	21.21 0.60 0.00	24.18 0.73 0.00	26.14 0.98 0.00	27.29 1.08 0.00	28.64 1.15 0.00	29.05 1.14 0.00	28.38 1.12 0.00	27.50 1.11 0.00	27.41 1.10 0.00	27.56 1.16 0.00	27.87 1.17 0.00	31.54 1.36 0.00	38.63 1.77 0.00	32.19 1.47 0.00	29.80 1.31 0.00	27.11 1.12 0.00	25.26 0.92 0.00	24.68 0.90 0.00	23.27 0.70 0.00
CH_RES_BVR_FALLS 23983	21.27 0.00 0.00	20.20 0.00 0.00	19.51 0.00 0.00	19.04 0.00 0.00	19.50 0.00 0.00	20.61 0.00 0.00	23.43 -0.02 0.00	25.16 0.00 0.00	26.21 0.00 0.00	27.46 -0.03 0.00	27.88 -0.03 0.00	27.20 -0.05 0.00	26.31 -0.08 0.00	26.20 -0.10 0.00	26.27 -0.13 0.00	26.57 -0.13 0.00	30.03 -0.15 0.00	36.71 -0.15 0.00	30.59 -0.12 0.00	28.34 -0.14 0.00	25.87 -0.13 0.00	24.22 -0.12 0.00	23.68 -0.09 0.00	22.48 -0.09 0.00
CH_RES_NIAGARA 23895	20.44 -0.83 0.00	19.58 -0.63 0.00	19.08 -0.43 0.00	18.56 -0.48 0.00	19.13 -0.37 0.00	19.98 -0.64 0.00	22.54 -0.92 0.00	23.65 -1.51 0.00	24.69 -1.52 0.00	25.67 -1.81 0.00	26.03 -1.87 0.00	25.46 -1.80 0.00	24.59 -1.80 0.00	24.41 -1.89 0.00	24.47 -1.93 0.00	24.75 -1.95 0.00	27.80 -2.39 0.00	33.06 -3.80 0.00	28.23 -2.49 0.00	26.55 -1.94 0.00	24.41 -1.59 0.00	22.85 -1.49 0.00	22.39 -1.38 0.00	21.78 -0.79 0.00
CH_RES_SYRACUSE 23985	21.14 -0.13 0.00	20.08 -0.12 0.00	19.42 -0.10 0.00	18.93 -0.11 0.00	19.40 -0.10 0.00	20.53 -0.08 0.00	23.34 -0.12 0.00	24.91 -0.25 0.00	25.92 -0.29 0.00	27.21 -0.27 0.00	27.65 -0.25 0.00	27.01 -0.25 0.00	26.12 -0.26 0.00	26.04 -0.26 0.00	26.13 -0.26 0.00	26.43 -0.27 0.00	29.88 -0.30 0.00	36.42 -0.44 0.00	30.38 -0.34 0.00	28.23 -0.26 0.00	25.82 -0.18 0.00	24.22 -0.12 0.00	23.63 -0.14 0.00	22.50 -0.07 0.00
CLINTON_WT_PWR 323605	21.76 0.49 0.00	20.69 0.48 0.00	20.00 0.49 0.00	19.50 0.46 0.00	19.93 0.43 0.00	21.07 0.45 0.00	23.99 0.54 0.00	25.81 0.65 0.00	26.89 0.68 0.00	28.20 0.71 0.00	28.63 0.72 0.00	27.94 0.68 0.00	27.02 0.63 0.00	26.88 0.58 0.00	26.93 0.53 0.00	27.26 0.56 0.00	30.79 0.60 0.00	37.67 0.81 0.00	31.36 0.65 0.00	29.08 0.60 0.00	26.47 0.47 0.00	24.75 0.41 0.00	24.18 0.40 0.00	22.96 0.38 0.00
CLINTON___LFGE 323618	22.12 0.85 0.00	21.03 0.83 0.00	20.33 0.82 0.00	19.82 0.78 0.00	20.26 0.76 0.00	21.42 0.80 0.00	24.44 0.98 0.00	26.29 1.13 0.00	27.42 1.21 0.00	28.75 1.26 0.00	29.19 1.28 0.00	28.46 1.20 0.00	27.55 1.16 0.00	27.38 1.08 0.00	27.43 1.03 0.00	27.77 1.07 0.00	31.39 1.21 0.00	38.44 1.58 0.00	32.01 1.29 0.00	29.65 1.17 0.00	26.99 0.99 0.00	25.19 0.85 0.00	24.60 0.83 0.00	23.36 0.79 0.00
COBBLENY_34_KV_TB1 80064	21.35 0.09 0.00	20.37 0.16 0.00	19.82 0.31 0.00	19.31 0.27 0.00	19.81 0.31 0.00	20.82 0.21 0.00	23.55 0.09 0.00	24.81 -0.35 0.00	26.03 -0.18 0.00	27.04 -0.44 0.00	27.46 -0.45 0.00	26.88 -0.38 0.00	25.94 -0.45 0.00	25.73 -0.58 0.00	25.79 -0.61 0.00	26.11 -0.59 0.00	29.16 -1.03 0.00	35.13 -1.73 0.00	29.82 -0.89 0.00	28.03 -0.46 0.00	25.63 -0.36 0.00	24.00 -0.34 0.00	23.56 -0.21 0.00	22.80 0.23 0.00
COFFEEN___115KV_TB3 355620	20.84 -0.43 0.00	19.76 -0.44 0.00	19.04 -0.47 0.00	18.56 -0.48 0.00	19.03 -0.47 0.00	20.20 -0.41 0.00	23.05 -0.40 0.00	24.83 -0.33 0.00	25.92 -0.29 0.00	27.15 -0.33 0.00	27.60 -0.31 0.00	26.82 -0.44 0.00	25.89 -0.50 0.00	25.78 -0.53 0.00	25.98 -0.42 0.00	26.30 -0.40 0.00	29.88 -0.30 0.00	36.60 -0.26 0.00	30.35 -0.37 0.00	28.11 -0.37 0.00	25.56 -0.44 0.00	24.05 -0.29 0.00	23.46 -0.31 0.00	22.21 -0.36 0.00
COLDSPRG_115KV_BK1 355956	22.08 0.81 0.00	21.01 0.81 0.00	20.43 0.92 0.00	19.93 0.89 0.00	20.42 0.92 0.00	21.52 0.91 0.00	24.46 1.01 0.00	25.86 0.70 0.00	27.08 0.86 0.00	28.17 0.69 0.00	28.57 0.67 0.00	27.94 0.68 0.00	26.97 0.58 0.00	26.70 0.39 0.00	26.74 0.34 0.00	27.05 0.35 0.00	30.25 0.06 0.00	36.57 -0.29 0.00	30.96 0.25 0.00	29.08 0.60 0.00	26.62 0.62 0.00	24.90 0.56 0.00	24.37 0.59 0.00	23.57 0.99 0.00
COLONIE_LFGE___ 323577	21.72 0.45 0.00	20.65 0.44 0.00	19.90 0.39 0.00	19.44 0.40 0.00	19.91 0.41 0.00	21.07 0.45 0.00	23.92 0.47 0.00	25.81 0.65 0.00	26.89 0.68 0.00	28.20 0.71 0.00	28.66 0.75 0.00	28.02 0.76 0.00	27.13 0.74 0.00	27.12 0.82 0.00	27.19 0.79 0.00	27.50 0.80 0.00	31.15 0.97 0.00	38.11 1.25 0.00	31.67 0.95 0.00	29.25 0.77 0.00	26.67 0.67 0.00	24.92 0.58 0.00	24.32 0.55 0.00	23.02 0.45 0.00
COOPERNY_115KV_TB1 80082	21.54 0.28 0.00	20.47 0.26 0.00	19.73 0.21 0.00	19.25 0.21 0.00	19.70 0.20 0.00	20.86 0.25 0.00	23.78 0.33 0.00	25.69 0.53 0.00	26.81 0.60 0.00	28.12 0.63 0.00	28.52 0.61 0.00	27.89 0.63 0.00	26.99 0.61 0.00	26.91 0.60 0.00	27.03 0.63 0.00	27.32 0.61 0.00	30.91 0.72 0.00	37.78 0.92 0.00	31.48 0.77 0.00	29.22 0.74 0.00	26.62 0.62 0.00	24.92 0.58 0.00	24.25 0.48 0.00	22.96 0.38 0.00
COPENHAGEN_WT_PWR 323753	20.74 -0.53 0.00	19.68 -0.53 0.00	18.99 -0.53 0.00	18.51 -0.53 0.00	18.98 -0.53 0.00	20.12 -0.49 0.00	22.96 -0.49 0.00	24.68 -0.48 0.00	25.74 -0.47 0.00	26.99 -0.49 0.00	27.43 -0.47 0.00	26.66 -0.60 0.00	25.75 -0.63 0.00	25.65 -0.66 0.00	25.82 -0.58 0.00	26.14 -0.56 0.00	29.67 -0.51 0.00	36.31 -0.55 0.00	30.13 -0.58 0.00	27.91 -0.57 0.00	25.43 -0.57 0.00	23.98 -0.36 0.00	23.37 -0.40 0.00	22.12 -0.45 0.00
CORNELL_____ 23752	21.69 0.43 0.00	20.61 0.40 0.00	19.90 0.39 0.00	19.42 0.38 0.00	19.89 0.39 0.00	21.07 0.45 0.00	23.94 0.49 0.00	25.66 0.50 0.00	26.76 0.55 0.00	28.06 0.58 0.00	28.49 0.59 0.00	27.83 0.57 0.00	26.92 0.53 0.00	26.80 0.50 0.00	26.93 0.53 0.00	27.26 0.56 0.00	30.82 0.63 0.00	37.60 0.74 0.00	31.39 0.68 0.00	29.17 0.68 0.00	26.62 0.62 0.00	24.90 0.56 0.00	24.30 0.52 0.00	23.14 0.56 0.00

CORONA_69_KV_TB1 355595	23.32 1.11 -0.94	21.22 1.01 0.00	20.41 0.90 0.00	19.88 0.84 0.00	20.36 0.86 0.00	21.56 0.95 0.00	25.50 1.24 -0.80	28.17 1.64 -1.37	29.30 1.78 -1.31	33.01 1.92 -3.60	31.38 1.90 -1.58	31.13 1.85 -2.01	29.10 1.85 -0.87	29.25 1.84 -1.10	29.05 1.87 -0.78	30.16 1.90 -1.56	32.46 2.23 -0.04	40.32 2.80 -0.66	33.24 2.33 -0.19	30.68 2.11 -0.09	29.76 1.85 -1.92	28.17 1.70 -2.13	25.25 1.47 0.00	25.41 1.29 -1.55
CORTLAND_115KV_TB3 80093	21.50 0.23 0.00	20.43 0.22 0.00	19.73 0.21 0.00	19.25 0.21 0.00	19.72 0.21 0.00	20.88 0.27 0.00	23.73 0.28 0.00	25.41 0.25 0.00	26.50 0.29 0.00	27.79 0.30 0.00	28.21 0.31 0.00	27.56 0.30 0.00	26.65 0.26 0.00	26.57 0.26 0.00	26.66 0.26 0.00	27.00 0.29 0.00	30.49 0.30 0.00	37.19 0.33 0.00	31.02 0.31 0.00	28.83 0.34 0.00	26.31 0.31 0.00	24.63 0.29 0.00	24.06 0.29 0.00	22.91 0.34 0.00
COXSACKIE___GT 23611	22.44 1.17 0.00	21.30 1.09 0.00	20.45 0.94 0.00	19.95 0.91 0.00	20.42 0.92 0.00	21.54 0.93 0.00	24.44 0.98 0.00	26.09 0.93 0.00	27.21 1.00 0.00	28.39 0.91 0.00	28.85 0.95 0.00	28.19 0.93 0.00	27.26 0.87 0.00	27.25 0.95 0.00	27.43 1.03 0.00	27.87 1.17 0.00	31.60 1.42 0.00	38.63 1.77 0.00	32.22 1.50 0.00	29.74 1.25 0.00	27.17 1.17 0.00	25.31 0.97 0.00	24.75 0.98 0.00	23.38 0.81 0.00
CPV_VALLEY___CC1 323721	21.54 0.28 0.00	20.45 0.24 0.00	19.73 0.22 0.00	19.25 0.21 0.00	19.70 0.19 0.00	20.86 0.25 0.00	23.78 0.33 0.00	25.74 0.58 0.00	26.84 0.63 0.00	28.14 0.66 0.00	28.55 0.64 0.00	27.89 0.63 0.00	27.02 0.63 0.00	26.93 0.63 0.00	27.06 0.66 0.00	27.34 0.64 0.00	30.91 0.72 0.00	37.86 1.00 0.00	31.55 0.83 0.00	29.25 0.77 0.00	26.62 0.62 0.00	24.83 0.49 0.00	24.25 0.48 0.00	22.91 0.34 0.00
CPV_VALLEY___CC2 323722	21.54 0.28 0.00	20.45 0.24 0.00	19.73 0.22 0.00	19.25 0.21 0.00	19.70 0.19 0.00	20.86 0.25 0.00	23.78 0.33 0.00	25.74 0.58 0.00	26.84 0.63 0.00	28.14 0.66 0.00	28.55 0.64 0.00	27.89 0.63 0.00	27.02 0.63 0.00	26.93 0.63 0.00	27.06 0.66 0.00	27.34 0.64 0.00	30.91 0.72 0.00	37.86 1.00 0.00	31.55 0.83 0.00	29.25 0.77 0.00	26.62 0.62 0.00	24.83 0.49 0.00	24.25 0.48 0.00	22.91 0.34 0.00
CRESCENT___HYD 24018	21.72 0.45 0.00	20.65 0.44 0.00	19.90 0.39 0.00	19.44 0.40 0.00	19.91 0.41 0.00	21.07 0.45 0.00	23.92 0.47 0.00	25.81 0.65 0.00	26.89 0.68 0.00	28.20 0.71 0.00	28.66 0.75 0.00	28.02 0.76 0.00	27.13 0.74 0.00	27.12 0.82 0.00	27.19 0.79 0.00	27.50 0.80 0.00	31.15 0.97 0.00	38.11 1.25 0.00	31.67 0.95 0.00	29.25 0.77 0.00	26.67 0.67 0.00	24.92 0.58 0.00	24.32 0.55 0.00	23.02 0.45 0.00
CRICKET___VALLEY_CC1 323756	21.67 0.40 0.00	20.59 0.38 0.00	19.88 0.37 0.00	19.40 0.36 0.00	19.85 0.35 0.00	21.01 0.39 0.00	23.90 0.44 0.00	25.86 0.70 0.00	26.97 0.76 0.00	28.31 0.82 0.00	28.71 0.81 0.00	28.08 0.82 0.00	27.21 0.82 0.00	27.17 0.87 0.00	27.27 0.87 0.00	27.56 0.85 0.00	31.21 1.03 0.00	38.22 1.36 0.00	31.76 1.04 0.00	29.37 0.88 0.00	26.75 0.75 0.00	24.92 0.58 0.00	24.34 0.57 0.00	23.02 0.45 0.00
CRICKET___VALLEY_CC2 323757	21.67 0.40 0.00	20.59 0.38 0.00	19.88 0.37 0.00	19.40 0.36 0.00	19.85 0.35 0.00	21.01 0.39 0.00	23.90 0.44 0.00	25.86 0.70 0.00	26.97 0.76 0.00	28.31 0.82 0.00	28.71 0.81 0.00	28.08 0.82 0.00	27.21 0.82 0.00	27.17 0.87 0.00	27.27 0.87 0.00	27.56 0.85 0.00	31.21 1.03 0.00	38.22 1.36 0.00	31.76 1.04 0.00	29.37 0.88 0.00	26.75 0.75 0.00	24.92 0.58 0.00	24.34 0.57 0.00	23.02 0.45 0.00
CRICKET___VALLEY_CC3 323758	21.67 0.40 0.00	20.59 0.38 0.00	19.88 0.37 0.00	19.40 0.36 0.00	19.85 0.35 0.00	21.01 0.39 0.00	23.90 0.44 0.00	25.86 0.70 0.00	26.97 0.76 0.00	28.31 0.82 0.00	28.71 0.81 0.00	28.08 0.82 0.00	27.21 0.82 0.00	27.17 0.87 0.00	27.27 0.87 0.00	27.56 0.85 0.00	31.21 1.03 0.00	38.22 1.36 0.00	31.76 1.04 0.00	29.37 0.88 0.00	26.75 0.75 0.00	24.92 0.58 0.00	24.34 0.57 0.00	23.02 0.45 0.00
CRUCIBLE_METL_DRP 24180	21.14 -0.13 0.00	20.08 -0.12 0.00	19.41 -0.10 0.00	18.93 -0.11 0.00	19.40 -0.10 0.00	20.51 -0.10 0.00	23.34 -0.12 0.00	24.88 -0.28 0.00	25.92 -0.29 0.00	27.21 -0.27 0.00	27.65 -0.25 0.00	27.01 -0.25 0.00	26.12 -0.26 0.00	26.04 -0.26 0.00	26.13 -0.26 0.00	26.43 -0.27 0.00	29.85 -0.33 0.00	36.42 -0.44 0.00	30.38 -0.34 0.00	28.23 -0.26 0.00	25.79 -0.21 0.00	24.12 -0.22 0.00	23.63 -0.14 0.00	22.50 -0.07 0.00
DAHOWA___HYDRO 323763	22.06 0.79 0.00	20.93 0.73 0.00	20.19 0.68 0.00	19.72 0.68 0.00	20.20 0.70 0.00	21.40 0.78 0.00	24.32 0.87 0.00	26.26 1.11 0.00	27.39 1.18 0.00	28.75 1.26 0.00	29.21 1.31 0.00	28.57 1.31 0.00	27.63 1.24 0.00	27.59 1.29 0.00	27.69 1.29 0.00	28.06 1.36 0.00	31.75 1.57 0.00	38.85 1.99 0.00	32.31 1.60 0.00	29.82 1.34 0.00	27.19 1.20 0.00	25.39 1.05 0.00	24.72 0.95 0.00	23.43 0.86 0.00
DANC___LFGE 323619	20.72 -0.55 0.00	19.64 -0.57 0.00	18.97 -0.55 0.00	18.49 -0.55 0.00	18.98 -0.53 0.00	20.08 -0.54 0.00	22.89 -0.56 0.00	24.53 -0.63 0.00	25.58 -0.63 0.00	26.82 -0.66 0.00	27.23 -0.67 0.00	26.52 -0.73 0.00	25.65 -0.74 0.00	25.54 -0.76 0.00	25.69 -0.71 0.00	26.01 -0.69 0.00	29.49 -0.69 0.00	36.01 -0.85 0.00	29.95 -0.77 0.00	27.77 -0.71 0.00	25.35 -0.65 0.00	23.88 -0.46 0.00	23.32 -0.45 0.00	22.12 -0.45 0.00
DANSKAMMER___1 23586	21.95 0.68 0.00	20.83 0.63 0.00	20.10 0.58 0.00	19.61 0.57 0.00	20.05 0.55 0.00	21.21 0.60 0.00	24.18 0.73 0.00	26.14 0.98 0.00	27.29 1.08 0.00	28.64 1.15 0.00	29.05 1.14 0.00	28.38 1.12 0.00	27.50 1.11 0.00	27.41 1.10 0.00	27.56 1.16 0.00	27.87 1.17 0.00	31.54 1.36 0.00	38.63 1.77 0.00	32.19 1.47 0.00	29.80 1.31 0.00	27.11 1.12 0.00	25.26 0.92 0.00	24.68 0.90 0.00	23.27 0.70 0.00
DANSKAMMER___2 23589	21.95 0.68 0.00	20.83 0.63 0.00	20.10 0.58 0.00	19.61 0.57 0.00	20.05 0.55 0.00	21.21 0.60 0.00	24.18 0.73 0.00	26.14 0.98 0.00	27.29 1.08 0.00	28.64 1.15 0.00	29.05 1.14 0.00	28.38 1.12 0.00	27.50 1.11 0.00	27.41 1.10 0.00	27.56 1.16 0.00	27.87 1.17 0.00	31.54 1.36 0.00	38.63 1.77 0.00	32.19 1.47 0.00	29.80 1.31 0.00	27.11 1.12 0.00	25.26 0.92 0.00	24.68 0.90 0.00	23.27 0.70 0.00
DANSKAMMER___3 23590	21.95 0.68 0.00	20.83 0.63 0.00	20.10 0.58 0.00	19.61 0.57 0.00	20.05 0.55 0.00	21.21 0.60 0.00	24.18 0.73 0.00	26.14 0.98 0.00	27.29 1.08 0.00	28.64 1.15 0.00	29.05 1.14 0.00	28.38 1.12 0.00	27.50 1.11 0.00	27.41 1.10 0.00	27.56 1.16 0.00	27.87 1.17 0.00	31.54 1.36 0.00	38.63 1.77 0.00	32.19 1.47 0.00	29.80 1.31 0.00	27.11 1.12 0.00	25.26 0.92 0.00	24.68 0.90 0.00	23.27 0.70 0.00

DANSKAMMER___4 23591	21.95 0.68 0.00	20.83 0.63 0.00	20.10 0.58 0.00	19.61 0.57 0.00	20.05 0.55 0.00	21.21 0.60 0.00	24.18 0.73 0.00	26.14 0.98 0.00	27.29 1.08 0.00	28.64 1.15 0.00	29.05 1.14 0.00	28.38 1.12 0.00	27.50 1.11 0.00	27.41 1.10 0.00	27.56 1.16 0.00	27.87 1.17 0.00	31.54 1.36 0.00	38.63 1.77 0.00	32.19 1.47 0.00	29.80 1.31 0.00	27.11 1.12 0.00	25.26 0.92 0.00	24.68 0.90 0.00	23.27 0.70 0.00
DANSKAMMER___DIESEL 23592	21.97 0.70 0.00	20.83 0.63 0.00	20.06 0.55 0.00	19.57 0.53 0.00	20.03 0.53 0.00	21.17 0.56 0.00	24.16 0.70 0.00	26.11 0.96 0.00	27.29 1.07 0.00	28.64 1.15 0.00	29.05 1.14 0.00	28.38 1.12 0.00	27.50 1.11 0.00	27.41 1.10 0.00	27.56 1.16 0.00	27.88 1.17 0.00	31.57 1.39 0.00	38.63 1.77 0.00	32.19 1.47 0.00	29.79 1.31 0.00	27.14 1.14 0.00	25.39 1.05 0.00	24.68 0.90 0.00	23.29 0.72 0.00
DARBY___SOLAR 323810	22.01 0.74 0.00	20.91 0.71 0.00	20.18 0.66 0.00	19.69 0.65 0.00	20.16 0.66 0.00	21.36 0.74 0.00	24.27 0.82 0.00	26.19 1.03 0.00	27.34 1.13 0.00	28.67 1.18 0.00	29.13 1.23 0.00	28.49 1.23 0.00	27.58 1.19 0.00	27.54 1.24 0.00	27.61 1.21 0.00	27.98 1.28 0.00	31.66 1.48 0.00	38.74 1.88 0.00	32.22 1.50 0.00	29.74 1.25 0.00	27.11 1.12 0.00	25.34 1.00 0.00	24.68 0.90 0.00	23.38 0.81 0.00
DASHVILLE___HYD 23610	21.76 0.49 0.00	20.61 0.40 0.00	19.84 0.33 0.00	19.36 0.32 0.00	19.81 0.31 0.00	20.94 0.33 0.00	23.90 0.45 0.00	25.81 0.65 0.00	27.00 0.79 0.00	28.34 0.85 0.00	28.71 0.81 0.00	28.08 0.82 0.00	27.21 0.82 0.00	27.12 0.82 0.00	27.24 0.84 0.00	27.56 0.85 0.00	31.21 1.03 0.00	38.22 1.36 0.00	31.85 1.14 0.00	29.48 1.00 0.00	26.86 0.86 0.00	25.12 0.78 0.00	24.44 0.67 0.00	23.07 0.50 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	24.12 1.91 -0.94	22.04 1.84 0.00	21.19 1.68 0.00	20.56 1.52 0.00	21.12 1.62 0.00	22.33 1.71 0.00	26.32 2.06 -0.80	29.00 2.47 -1.37	30.17 2.65 -1.31	34.13 3.05 -3.60	32.64 3.15 -1.58	32.32 3.05 -2.01	29.68 2.43 -0.87	29.85 2.45 -1.10	29.63 2.46 -0.78	30.75 2.48 -1.56	33.34 3.11 -0.04	41.65 4.13 -0.66	34.04 3.13 -0.19	31.30 2.73 -0.09	30.28 2.37 -1.92	28.58 2.12 -2.13	25.58 1.81 0.00	26.15 2.03 -1.55
DELAWARE___LFGE 323621	21.76 0.49 0.00	20.67 0.46 0.00	19.92 0.41 0.00	19.46 0.42 0.00	19.91 0.41 0.00	21.09 0.47 0.00	24.02 0.56 0.00	25.86 0.70 0.00	27.02 0.81 0.00	28.34 0.85 0.00	28.77 0.86 0.00	28.10 0.85 0.00	27.18 0.79 0.00	27.12 0.82 0.00	27.24 0.84 0.00	27.53 0.83 0.00	31.15 0.97 0.00	38.08 1.22 0.00	31.73 1.01 0.00	29.42 0.94 0.00	26.83 0.83 0.00	25.09 0.75 0.00	24.44 0.67 0.00	23.16 0.59 0.00
DERFIELD_115KV_TB7 355931	21.29 0.02 0.00	20.23 0.02 0.00	19.53 0.02 0.00	19.06 0.02 0.00	19.52 0.02 0.00	20.64 0.02 0.00	23.48 0.02 0.00	25.21 0.05 0.00	26.26 0.05 0.00	27.54 0.05 0.00	27.96 0.06 0.00	27.31 0.05 0.00	26.44 0.05 0.00	26.36 0.05 0.00	26.45 0.05 0.00	26.75 0.05 0.00	30.28 0.09 0.00	36.97 0.11 0.00	30.81 0.09 0.00	28.54 0.06 0.00	26.05 0.05 0.00	24.39 0.05 0.00	23.80 0.02 0.00	22.57 0.00 0.00
DOGLEVILLE___HYD 23807	21.33 0.06 0.00	20.27 0.06 0.00	19.57 0.06 0.00	19.10 0.06 0.00	19.56 0.06 0.00	20.70 0.08 0.00	23.55 0.09 0.00	25.28 0.13 0.00	26.34 0.13 0.00	27.62 0.14 0.00	27.96 0.06 0.00	27.40 0.14 0.00	26.49 0.11 0.00	26.41 0.11 0.00	26.50 0.11 0.00	26.78 0.08 0.00	30.34 0.15 0.00	37.05 0.19 0.00	30.84 0.12 0.00	28.54 0.06 0.00	26.02 0.03 0.00	24.36 0.02 0.00	23.80 0.02 0.00	22.55 -0.02 0.00
DUNKIRK___115KV_TB_200 55889	21.52 0.26 0.00	20.51 0.30 0.00	19.96 0.45 0.00	19.46 0.42 0.00	19.95 0.45 0.00	20.99 0.37 0.00	23.80 0.35 0.00	25.08 -0.08 0.00	26.29 0.08 0.00	27.32 -0.16 0.00	27.74 -0.17 0.00	27.10 -0.16 0.00	26.15 -0.24 0.00	25.91 -0.39 0.00	25.98 -0.42 0.00	26.25 -0.45 0.00	29.34 -0.85 0.00	35.35 -1.51 0.00	30.01 -0.71 0.00	28.20 -0.28 0.00	25.82 -0.18 0.00	24.17 -0.17 0.00	23.70 -0.07 0.00	22.96 0.38 0.00
DUNKIRK___1 23563	21.52 0.26 0.00	20.51 0.30 0.00	19.96 0.45 0.00	19.46 0.42 0.00	19.95 0.45 0.00	20.99 0.37 0.00	23.80 0.35 0.00	25.08 -0.08 0.00	26.29 0.08 0.00	27.32 -0.16 0.00	27.74 -0.17 0.00	27.10 -0.16 0.00	26.15 -0.24 0.00	25.91 -0.39 0.00	25.98 -0.42 0.00	26.25 -0.45 0.00	29.34 -0.85 0.00	35.35 -1.51 0.00	30.01 -0.71 0.00	28.20 -0.28 0.00	25.82 -0.18 0.00	24.17 -0.17 0.00	23.70 -0.07 0.00	22.96 0.38 0.00
DUNKIRK___2 23564	21.52 0.26 0.00	20.51 0.30 0.00	19.96 0.45 0.00	19.46 0.42 0.00	19.95 0.45 0.00	20.99 0.37 0.00	23.80 0.35 0.00	25.08 -0.08 0.00	26.29 0.08 0.00	27.32 -0.16 0.00	27.74 -0.17 0.00	27.10 -0.16 0.00	26.15 -0.24 0.00	25.91 -0.39 0.00	25.98 -0.42 0.00	26.25 -0.45 0.00	29.34 -0.85 0.00	35.35 -1.51 0.00	30.01 -0.71 0.00	28.20 -0.28 0.00	25.82 -0.18 0.00	24.17 -0.17 0.00	23.70 -0.07 0.00	22.96 0.38 0.00
DUNKIRK___3 23565	21.42 0.15 0.00	20.41 0.20 0.00	19.86 0.35 0.00	19.34 0.30 0.00	19.83 0.33 0.00	20.86 0.25 0.00	23.64 0.19 0.00	24.91 -0.25 0.00	26.11 -0.10 0.00	27.15 -0.33 0.00	27.54 -0.36 0.00	26.93 -0.33 0.00	25.99 -0.40 0.00	25.75 -0.55 0.00	25.82 -0.58 0.00	26.11 -0.59 0.00	29.16 -1.03 0.00	35.13 -1.73 0.00	29.86 -0.86 0.00	28.06 -0.43 0.00	25.69 -0.31 0.00	24.05 -0.29 0.00	23.58 -0.19 0.00	22.84 0.27 0.00
DUNKIRK___4 23566	21.42 0.15 0.00	20.41 0.20 0.00	19.86 0.35 0.00	19.34 0.30 0.00	19.83 0.33 0.00	20.86 0.25 0.00	23.64 0.19 0.00	24.91 -0.25 0.00	26.11 -0.10 0.00	27.15 -0.33 0.00	27.54 -0.36 0.00	26.93 -0.33 0.00	25.99 -0.40 0.00	25.75 -0.55 0.00	25.82 -0.58 0.00	26.11 -0.59 0.00	29.16 -1.03 0.00	35.13 -1.73 0.00	29.86 -0.86 0.00	28.06 -0.43 0.00	25.69 -0.31 0.00	24.05 -0.29 0.00	23.58 -0.19 0.00	22.84 0.27 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.95 0.68 0.00	20.81 0.61 0.00	20.04 0.53 0.00	19.57 0.53 0.00	20.03 0.53 0.00	21.19 0.58 0.00	24.20 0.75 0.00	26.29 1.13 0.00	27.47 1.26 0.00	28.86 1.37 0.00	29.21 1.31 0.00	28.57 1.31 0.00	27.68 1.29 0.00	27.62 1.32 0.00	27.72 1.32 0.00	28.04 1.34 0.00	31.78 1.60 0.00	38.92 2.06 0.00	32.40 1.69 0.00	29.99 1.51 0.00	27.30 1.30 0.00	25.51 1.17 0.00	24.80 1.02 0.00	23.38 0.81 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.78 0.51 0.00	20.67 0.46 0.00	19.90 0.39 0.00	19.42 0.38 0.00	19.87 0.37 0.00	21.03 0.41 0.00	23.99 0.54 0.00	25.94 0.78 0.00	27.10 0.89 0.00	28.45 0.96 0.00	28.82 0.92 0.00	28.19 0.93 0.00	27.31 0.92 0.00	27.22 0.92 0.00	27.35 0.95 0.00	27.66 0.96 0.00	31.30 1.12 0.00	38.30 1.44 0.00	31.91 1.20 0.00	29.57 1.08 0.00	26.96 0.96 0.00	25.19 0.85 0.00	24.51 0.74 0.00	23.14 0.56 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	22.21 0.94 -0.01	21.03 0.83 0.00	20.21 0.70 0.00	19.72 0.69 0.00	20.18 0.68 0.00	21.29 0.68 0.00	24.30 0.84 0.00	26.29 1.13 0.00	27.39 1.18 0.00	28.83 1.35 0.00	29.13 1.23 0.00	28.49 1.23 0.00	27.63 1.24 0.00	27.57 1.26 0.00	27.67 1.27 0.00	28.01 1.31 0.00	31.78 1.60 0.00	38.96 2.10 0.00	32.40 1.69 0.00	29.97 1.48 0.00	27.22 1.22 0.00	25.48 1.14 0.00	24.94 1.16 0.00	23.60 1.02 -0.01
E179THST_13_KV_LOAD 356214	22.30 1.02 -0.01	21.09 0.89 0.00	20.27 0.76 0.00	19.80 0.76 0.00	20.26 0.76 0.00	21.38 0.76 0.00	24.39 0.94 0.00	26.39 1.23 0.00	27.50 1.28 0.00	28.97 1.48 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.14 1.44 0.00	31.91 1.72 0.00	39.15 2.29 0.00	32.56 1.84 0.00	30.11 1.62 0.00	27.32 1.33 0.00	25.58 1.24 0.00	25.06 1.28 0.00	23.69 1.11 -0.01
EAST HAMPTON___GT 23717	24.34 2.13 -0.94	22.27 2.06 0.00	21.44 1.93 0.00	20.79 1.75 0.00	21.35 1.85 0.00	22.70 2.08 0.00	26.62 2.37 -0.80	29.30 2.77 -1.37	30.51 2.99 -1.31	34.46 3.38 -3.60	33.00 3.52 -1.58	32.65 3.38 -2.01	30.00 2.74 -0.87	30.20 2.79 -1.10	30.03 2.85 -0.78	31.09 2.83 -1.56	33.43 3.20 -0.04	42.20 4.68 -0.66	34.49 3.59 -0.19	31.70 3.13 -0.09	30.62 2.70 -1.92	28.80 2.34 -2.13	25.91 2.14 0.00	26.40 2.28 -1.55
EAST RIVER___6 23660	21.95 0.68 0.00	20.79 0.59 0.00	20.08 0.57 0.00	19.57 0.53 0.00	20.03 0.53 0.00	21.19 0.58 0.00	24.25 0.80 0.00	26.39 1.23 0.00	27.57 1.36 0.00	29.00 1.51 0.00	29.33 1.42 0.00	28.68 1.42 0.00	27.81 1.42 0.00	27.72 1.42 0.00	27.85 1.45 0.00	28.17 1.47 0.00	31.90 1.72 0.00	39.15 2.29 0.00	32.56 1.84 0.00	30.14 1.65 0.00	27.32 1.33 0.00	25.41 1.07 0.00	24.87 1.09 0.00	23.36 0.79 0.00
EAST RIVER___7 23524	21.95 0.68 0.00	20.79 0.59 0.00	20.08 0.57 0.00	19.57 0.53 0.00	20.03 0.53 0.00	21.19 0.58 0.00	24.25 0.80 0.00	26.39 1.23 0.00	27.57 1.36 0.00	29.00 1.51 0.00	29.33 1.42 0.00	28.68 1.42 0.00	27.81 1.42 0.00	27.72 1.42 0.00	27.85 1.45 0.00	28.17 1.47 0.00	31.90 1.72 0.00	39.15 2.29 0.00	32.56 1.84 0.00	30.14 1.65 0.00	27.32 1.33 0.00	25.41 1.07 0.00	24.87 1.09 0.00	23.36 0.79 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.91 0.64 0.00	20.79 0.59 0.00	20.02 0.51 0.00	19.53 0.50 0.00	19.99 0.49 0.00	21.15 0.54 0.00	24.16 0.70 0.00	26.24 1.08 0.00	27.39 1.18 0.00	28.78 1.29 0.00	29.16 1.26 0.00	28.51 1.25 0.00	27.63 1.24 0.00	27.54 1.24 0.00	27.67 1.27 0.00	27.98 1.28 0.00	31.69 1.51 0.00	38.81 1.95 0.00	32.31 1.60 0.00	29.91 1.42 0.00	27.22 1.22 0.00	25.46 1.12 0.00	24.72 0.95 0.00	23.34 0.77 0.00
EAST_HAMPTON___DIESEL 23722	24.36 2.15 -0.94	22.27 2.06 0.00	21.44 1.93 0.00	20.79 1.75 0.00	21.35 1.85 0.00	22.70 2.08 0.00	26.62 2.37 -0.80	29.30 2.77 -1.37	30.51 2.99 -1.31	34.49 3.41 -3.60	33.03 3.54 -1.58	32.68 3.41 -2.01	30.03 2.77 -0.87	30.20 2.79 -1.10	30.03 2.85 -0.78	31.09 2.83 -1.56	33.43 3.20 -0.04	42.20 4.68 -0.66	34.49 3.59 -0.19	31.73 3.16 -0.09	30.62 2.70 -1.92	28.80 2.34 -2.13	25.91 2.14 0.00	26.40 2.28 -1.55
EAST_PULASKI___ESR 323781	20.76 -0.51 0.00	19.70 -0.51 0.00	19.04 -0.47 0.00	18.56 -0.48 0.00	19.03 -0.47 0.00	20.14 -0.47 0.00	22.91 -0.54 0.00	24.48 -0.68 0.00	25.53 -0.68 0.00	26.77 -0.71 0.00	27.18 -0.73 0.00	26.52 -0.74 0.00	25.65 -0.74 0.00	25.57 -0.74 0.00	25.69 -0.71 0.00	26.01 -0.69 0.00	29.40 -0.78 0.00	35.90 -0.96 0.00	29.89 -0.83 0.00	27.74 -0.74 0.00	25.32 -0.68 0.00	23.80 -0.54 0.00	23.34 -0.43 0.00	22.19 -0.38 0.00
EAST_RIVER___1 323558	21.97 0.70 0.00	20.83 0.63 0.00	20.10 0.58 0.00	19.61 0.57 0.00	20.07 0.57 0.00	21.23 0.62 0.00	24.25 0.80 0.00	26.39 1.23 0.00	27.55 1.34 0.00	28.97 1.48 0.00	29.30 1.39 0.00	28.65 1.39 0.00	27.79 1.40 0.00	27.70 1.39 0.00	27.82 1.42 0.00	28.14 1.44 0.00	31.87 1.69 0.00	39.07 2.21 0.00	32.53 1.81 0.00	30.11 1.62 0.00	27.30 1.30 0.00	25.41 1.07 0.00	24.87 1.09 0.00	23.38 0.81 0.00
EAST_RIVER___2 323559	21.95 0.68 0.00	20.79 0.59 0.00	20.08 0.57 0.00	19.57 0.53 0.00	20.03 0.53 0.00	21.19 0.58 0.00	24.25 0.80 0.00	26.39 1.23 0.00	27.57 1.36 0.00	29.00 1.51 0.00	29.33 1.42 0.00	28.68 1.42 0.00	27.81 1.42 0.00	27.72 1.42 0.00	27.85 1.45 0.00	28.17 1.47 0.00	31.90 1.72 0.00	39.15 2.29 0.00	32.56 1.84 0.00	30.14 1.65 0.00	27.32 1.33 0.00	25.41 1.07 0.00	24.87 1.09 0.00	23.36 0.79 0.00
EAST___DELAWARE_HYD 23607	21.76 0.49 0.00	20.61 0.40 0.00	19.90 0.39 0.00	19.40 0.36 0.00	19.85 0.35 0.00	21.01 0.39 0.00	23.99 0.54 0.00	25.89 0.73 0.00	27.05 0.84 0.00	28.34 0.85 0.00	28.74 0.84 0.00	28.08 0.82 0.00	27.21 0.82 0.00	27.09 0.79 0.00	27.27 0.87 0.00	27.58 0.88 0.00	31.21 1.03 0.00	38.26 1.40 0.00	31.88 1.17 0.00	29.54 1.05 0.00	26.88 0.88 0.00	25.05 0.71 0.00	24.46 0.69 0.00	23.09 0.52 0.00
EIGHT_POINT___WT_PWR 323820	21.67 0.40 0.00	20.57 0.36 0.00	19.96 0.45 0.00	19.44 0.40 0.00	19.97 0.47 0.00	21.09 0.47 0.00	23.95 0.49 0.00	25.48 0.33 0.00	26.58 0.37 0.00	27.70 0.22 0.00	28.15 0.25 0.00	27.48 0.22 0.00	26.52 0.13 0.00	26.30 0.00 0.00	26.40 0.00 0.00	26.78 0.08 0.00	30.21 0.03 0.00	36.38 -0.48 0.00	30.62 -0.09 0.00	28.63 0.14 0.00	26.23 0.23 0.00	24.46 0.12 0.00	23.89 0.12 0.00	23.05 0.47 0.00
ELBRIDGE_115KV_TB2 80188	21.06 -0.21 0.00	20.00 -0.20 0.00	19.34 -0.18 0.00	18.87 -0.17 0.00	19.35 -0.16 0.00	20.45 -0.16 0.00	23.24 -0.21 0.00	24.78 -0.38 0.00	25.82 -0.39 0.00	27.07 -0.41 0.00	27.51 -0.39 0.00	26.88 -0.38 0.00	26.02 -0.37 0.00	25.91 -0.39 0.00	26.00 -0.40 0.00	26.33 -0.37 0.00	29.73 -0.45 0.00	36.23 -0.63 0.00	30.25 -0.46 0.00	28.11 -0.37 0.00	25.66 -0.34 0.00	24.02 -0.32 0.00	23.54 -0.24 0.00	22.41 -0.16 0.00
ELEC_TRO_TEK 24086	23.23 1.02 -0.94	21.13 0.93 0.00	20.33 0.82 0.00	19.80 0.76 0.00	20.28 0.78 0.00	21.48 0.87 0.00	25.38 1.13 -0.80	28.04 1.51 -1.37	29.17 1.65 -1.31	32.87 1.79 -3.60	31.24 1.76 -1.58	30.99 1.72 -2.01	28.94 1.69 -0.87	29.12 1.71 -1.10	28.89 1.72 -0.78	30.03 1.76 -1.56	32.28 2.05 -0.04	40.14 2.62 -0.66	33.05 2.15 -0.19	30.51 1.94 -0.09	29.61 1.69 -1.92	28.00 1.53 -2.13	25.10 1.33 0.00	25.29 1.17 -1.55
ELLENBURG_WT_PWR 323604	21.76 0.49 0.00	20.69 0.48 0.00	20.00 0.49 0.00	19.50 0.46 0.00	19.93 0.43 0.00	21.07 0.45 0.00	23.99 0.54 0.00	25.81 0.65 0.00	26.89 0.68 0.00	28.20 0.71 0.00	28.63 0.72 0.00	27.94 0.68 0.00	27.02 0.63 0.00	26.88 0.58 0.00	26.93 0.53 0.00	27.26 0.56 0.00	30.79 0.60 0.00	37.67 0.81 0.00	31.36 0.65 0.00	29.08 0.60 0.00	26.47 0.47 0.00	24.75 0.41 0.00	24.18 0.40 0.00	22.96 0.38 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.12 -0.15 0.00	20.14 -0.06 0.00	19.61 0.10 0.00	19.10 0.06 0.00	19.60 0.10 0.00	20.57 -0.04 0.00	23.26 -0.19 0.00	24.48 -0.68 0.00	25.66 -0.55 0.00	26.69 -0.80 0.00	27.07 -0.84 0.00	26.50 -0.76 0.00	25.57 -0.82 0.00	25.36 -0.95 0.00	25.42 -0.98 0.00	25.71 -0.99 0.00	28.71 -1.48 0.00	34.54 -2.32 0.00	29.36 -1.35 0.00	27.60 -0.88 0.00	25.27 -0.73 0.00	23.66 -0.68 0.00	23.23 -0.55 0.00	22.50 -0.07 0.00
EMPIRE_CC_1 323656	21.48 0.21 0.00	20.45 0.24 0.00	19.71 0.20 0.00	19.25 0.21 0.00	19.70 0.19 0.00	20.82 0.21 0.00	23.62 0.17 0.00	25.43 0.28 0.00	26.47 0.26 0.00	27.76 0.27 0.00	28.21 0.31 0.00	27.59 0.33 0.00	26.73 0.34 0.00	26.72 0.42 0.00	26.79 0.40 0.00	27.07 0.37 0.00	30.67 0.48 0.00	37.52 0.66 0.00	31.18 0.46 0.00	28.80 0.31 0.00	26.31 0.31 0.00	24.63 0.29 0.00	24.03 0.26 0.00	22.73 0.16 0.00
EMPIRE_CC_2 323658	21.48 0.21 0.00	20.45 0.24 0.00	19.71 0.20 0.00	19.25 0.21 0.00	19.70 0.19 0.00	20.82 0.21 0.00	23.62 0.17 0.00	25.43 0.28 0.00	26.47 0.26 0.00	27.76 0.27 0.00	28.21 0.31 0.00	27.59 0.33 0.00	26.73 0.34 0.00	26.72 0.42 0.00	26.79 0.40 0.00	27.07 0.37 0.00	30.67 0.48 0.00	37.52 0.66 0.00	31.18 0.46 0.00	28.80 0.31 0.00	26.31 0.31 0.00	24.63 0.29 0.00	24.03 0.26 0.00	22.73 0.16 0.00
ENORWICH_115KV_TB1 80156	22.88 1.62 0.00	21.72 1.52 0.00	20.90 1.39 0.00	20.37 1.33 0.00	20.85 1.35 0.00	22.12 1.50 0.00	25.19 1.74 0.00	27.12 1.96 0.00	28.36 2.15 0.00	29.85 2.36 0.00	30.36 2.46 0.00	29.58 2.32 0.00	28.47 2.08 0.00	28.38 2.08 0.00	28.59 2.19 0.00	28.94 2.24 0.00	32.78 2.60 0.00	40.21 3.35 0.00	33.51 2.80 0.00	31.13 2.65 0.00	28.34 2.34 0.00	26.48 2.14 0.00	25.67 1.90 0.00	24.36 1.78 0.00
ERIE_ST__34_KV_TB1-2 80199	21.54 0.28 0.00	20.57 0.36 0.00	20.00 0.49 0.00	19.48 0.44 0.00	19.99 0.49 0.00	21.01 0.39 0.00	23.78 0.33 0.00	25.06 -0.10 0.00	26.26 0.05 0.00	27.32 -0.16 0.00	27.74 -0.17 0.00	27.12 -0.14 0.00	26.20 -0.18 0.00	25.96 -0.34 0.00	26.06 -0.34 0.00	26.35 -0.35 0.00	29.43 -0.75 0.00	35.42 -1.44 0.00	30.10 -0.61 0.00	28.29 -0.20 0.00	25.89 -0.10 0.00	24.24 -0.10 0.00	23.77 0.00 0.00	23.02 0.45 0.00
ERIE_WT_PWR 323693	21.33 0.06 0.00	20.31 0.10 0.00	19.77 0.25 0.00	19.25 0.21 0.00	19.81 0.31 0.00	20.82 0.21 0.00	23.59 0.14 0.00	24.83 -0.33 0.00	25.92 -0.29 0.00	26.94 -0.55 0.00	27.35 -0.56 0.00	26.74 -0.52 0.00	25.83 -0.56 0.00	25.62 -0.68 0.00	25.69 -0.71 0.00	25.98 -0.72 0.00	29.19 -1.00 0.00	34.91 -1.95 0.00	29.67 -1.04 0.00	27.88 -0.60 0.00	25.61 -0.39 0.00	23.95 -0.39 0.00	23.46 -0.31 0.00	22.75 0.18 0.00
ESPRGFLD_115KV_TB1 80157	22.14 0.87 0.00	21.03 0.83 0.00	20.27 0.76 0.00	19.78 0.74 0.00	20.28 0.78 0.00	21.50 0.89 0.00	24.55 1.10 0.00	26.47 1.31 0.00	27.65 1.44 0.00	29.02 1.54 0.00	29.49 1.59 0.00	28.79 1.53 0.00	27.79 1.40 0.00	27.72 1.42 0.00	27.88 1.48 0.00	28.25 1.55 0.00	31.97 1.78 0.00	39.15 2.29 0.00	32.59 1.87 0.00	30.19 1.71 0.00	27.51 1.51 0.00	25.68 1.34 0.00	24.99 1.21 0.00	23.68 1.11 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.67 0.40 0.00	20.59 0.38 0.00	19.88 0.37 0.00	19.40 0.36 0.00	19.87 0.37 0.00	21.03 0.41 0.00	23.92 0.47 0.00	25.61 0.45 0.00	26.74 0.52 0.00	28.01 0.52 0.00	28.46 0.56 0.00	27.78 0.52 0.00	26.86 0.47 0.00	26.75 0.45 0.00	26.87 0.48 0.00	27.24 0.53 0.00	30.76 0.57 0.00	37.52 0.66 0.00	31.33 0.61 0.00	29.14 0.66 0.00	26.57 0.57 0.00	24.85 0.51 0.00	24.27 0.50 0.00	23.09 0.52 0.00
ETNA____115KV_TB2 80207	21.67 0.40 0.00	20.59 0.38 0.00	19.88 0.37 0.00	19.40 0.36 0.00	19.87 0.37 0.00	21.03 0.41 0.00	23.92 0.47 0.00	25.61 0.45 0.00	26.74 0.52 0.00	28.01 0.52 0.00	28.46 0.56 0.00	27.78 0.52 0.00	26.86 0.47 0.00	26.75 0.45 0.00	26.87 0.48 0.00	27.24 0.53 0.00	30.76 0.57 0.00	37.52 0.66 0.00	31.33 0.61 0.00	29.14 0.66 0.00	26.57 0.57 0.00	24.85 0.51 0.00	24.27 0.50 0.00	23.09 0.52 0.00
EUCLID__115KV_TB2 356179	20.93 -0.34 0.00	19.88 -0.32 0.00	19.22 -0.29 0.00	18.75 -0.29 0.00	19.23 -0.27 0.00	20.31 -0.31 0.00	23.10 -0.35 0.00	24.63 -0.53 0.00	25.66 -0.55 0.00	26.91 -0.58 0.00	27.32 -0.59 0.00	26.69 -0.57 0.00	25.83 -0.55 0.00	25.75 -0.55 0.00	25.84 -0.55 0.00	26.11 -0.59 0.00	29.46 -0.72 0.00	35.94 -0.92 0.00	29.98 -0.74 0.00	27.89 -0.60 0.00	25.48 -0.52 0.00	23.85 -0.49 0.00	23.37 -0.40 0.00	22.28 -0.29 0.00
E_CANADA_CAP_HY 24051	22.23 0.96 0.00	21.11 0.91 0.00	20.37 0.86 0.00	19.90 0.86 0.00	20.40 0.90 0.00	21.67 1.05 0.00	24.72 1.27 0.00	26.69 1.53 0.00	27.81 1.60 0.00	29.16 1.68 0.00	29.63 1.73 0.00	28.92 1.66 0.00	27.92 1.53 0.00	27.91 1.60 0.00	28.04 1.64 0.00	28.49 1.79 0.00	32.24 2.05 0.00	39.48 2.62 0.00	32.86 2.15 0.00	30.39 1.91 0.00	27.69 1.69 0.00	25.82 1.48 0.00	25.10 1.33 0.00	23.77 1.20 0.00
E_CANADA_MHWK_HY 24050	21.33 0.06 0.00	20.27 0.06 0.00	19.57 0.06 0.00	19.10 0.06 0.00	19.56 0.06 0.00	20.70 0.08 0.00	23.55 0.09 0.00	25.28 0.13 0.00	26.34 0.13 0.00	27.62 0.14 0.00	27.96 0.06 0.00	27.40 0.14 0.00	26.49 0.11 0.00	26.41 0.11 0.00	26.50 0.11 0.00	26.78 0.08 0.00	30.34 0.15 0.00	37.05 0.19 0.00	30.84 0.12 0.00	28.54 0.06 0.00	26.02 0.03 0.00	24.36 0.02 0.00	23.80 0.02 0.00	22.55 -0.02 0.00
E_FISHKILL__LBMP 23776	21.80 0.53 0.00	20.69 0.48 0.00	19.92 0.41 0.00	19.46 0.42 0.00	19.91 0.41 0.00	21.07 0.45 0.00	24.04 0.59 0.00	26.04 0.88 0.00	27.18 0.97 0.00	28.53 1.04 0.00	28.94 1.03 0.00	28.27 1.01 0.00	27.39 1.00 0.00	27.33 1.03 0.00	27.45 1.06 0.00	27.77 1.07 0.00	31.45 1.27 0.00	38.48 1.62 0.00	32.04 1.32 0.00	29.65 1.17 0.00	27.01 1.01 0.00	25.26 0.92 0.00	24.56 0.78 0.00	23.18 0.61 0.00
FALCON__SEABRD_CC1 323796	22.08 0.81 0.00	20.99 0.79 0.00	20.29 0.78 0.00	19.78 0.74 0.00	20.24 0.74 0.00	21.38 0.76 0.00	24.37 0.91 0.00	26.21 1.06 0.00	27.34 1.13 0.00	28.67 1.18 0.00	29.10 1.20 0.00	28.38 1.12 0.00	27.47 1.08 0.00	27.30 1.00 0.00	27.35 0.95 0.00	27.69 0.99 0.00	31.27 1.09 0.00	38.26 1.40 0.00	31.85 1.14 0.00	29.54 1.05 0.00	26.88 0.88 0.00	25.12 0.78 0.00	24.56 0.78 0.00	23.32 0.74 0.00
FALCON__SEABRD_CC2 323797	22.08 0.81 0.00	20.99 0.79 0.00	20.29 0.78 0.00	19.78 0.74 0.00	20.24 0.74 0.00	21.38 0.76 0.00	24.37 0.91 0.00	26.21 1.06 0.00	27.34 1.13 0.00	28.67 1.18 0.00	29.10 1.20 0.00	28.38 1.12 0.00	27.47 1.08 0.00	27.30 1.00 0.00	27.35 0.95 0.00	27.69 0.99 0.00	31.27 1.09 0.00	38.26 1.40 0.00	31.85 1.14 0.00	29.54 1.05 0.00	26.88 0.88 0.00	25.12 0.78 0.00	24.56 0.78 0.00	23.32 0.74 0.00

FAR ROCKAWAY___4 23548	23.49 1.28 -0.94	21.36 1.15 0.00	20.55 1.03 0.00	20.01 0.97 0.00	20.50 0.99 0.00	21.71 1.09 0.00	25.66 1.41 -0.80	28.37 1.84 -1.37	29.51 1.99 -1.31	33.25 2.17 -3.60	31.63 2.15 -1.58	31.40 2.13 -2.01	29.34 2.08 -0.87	29.49 2.08 -1.10	29.29 2.11 -0.78	30.40 2.14 -1.56	32.73 2.51 -0.04	40.69 3.17 -0.66	33.51 2.61 -0.19	30.93 2.36 -0.09	30.00 2.08 -1.92	28.37 1.90 -2.13	25.46 1.69 0.00	25.59 1.47 -1.55
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.01 0.74 0.00	20.85 0.65 0.00	20.08 0.57 0.00	19.61 0.57 0.00	20.07 0.57 0.00	21.21 0.60 0.00	24.27 0.82 0.00	26.39 1.23 0.00	27.57 1.36 0.00	29.02 1.54 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.81 1.42 0.00	27.75 1.45 0.00	27.85 1.45 0.00	28.17 1.47 0.00	31.97 1.78 0.00	39.15 2.29 0.00	32.56 1.84 0.00	30.16 1.68 0.00	27.40 1.40 0.00	25.61 1.27 0.00	24.89 1.12 0.00	23.45 0.88 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.01 0.74 0.00	20.85 0.65 0.00	20.08 0.57 0.00	19.61 0.57 0.00	20.07 0.57 0.00	21.21 0.60 0.00	24.27 0.82 0.00	26.39 1.23 0.00	27.57 1.36 0.00	29.00 1.51 0.00	29.33 1.42 0.00	28.68 1.42 0.00	27.81 1.42 0.00	27.72 1.42 0.00	27.85 1.45 0.00	28.17 1.47 0.00	31.94 1.75 0.00	39.11 2.25 0.00	32.56 1.84 0.00	30.14 1.65 0.00	27.40 1.40 0.00	25.61 1.27 0.00	24.89 1.12 0.00	23.45 0.88 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.99 0.72 0.00	20.83 0.63 0.00	20.06 0.55 0.00	19.59 0.55 0.00	20.05 0.55 0.00	21.19 0.58 0.00	24.25 0.80 0.00	26.37 1.21 0.00	27.55 1.34 0.00	28.97 1.48 0.00	29.30 1.40 0.00	28.65 1.39 0.00	27.79 1.40 0.00	27.70 1.39 0.00	27.82 1.43 0.00	28.14 1.44 0.00	31.91 1.72 0.00	39.07 2.21 0.00	32.53 1.81 0.00	30.11 1.62 0.00	27.35 1.35 0.00	25.56 1.22 0.00	24.87 1.09 0.00	23.43 0.86 0.00
FARRAGUT___LBMP 323566	21.97 0.70 0.00	20.83 0.63 0.00	20.04 0.53 0.00	19.59 0.55 0.00	20.03 0.53 0.00	21.17 0.56 0.00	24.23 0.77 0.00	26.34 1.18 0.00	27.52 1.31 0.00	28.94 1.46 0.00	29.30 1.40 0.00	28.62 1.36 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.12 1.42 0.00	31.91 1.72 0.00	39.03 2.17 0.00	32.50 1.78 0.00	30.08 1.60 0.00	27.35 1.35 0.00	25.56 1.22 0.00	24.84 1.07 0.00	23.43 0.86 0.00
FENNER___WINDPWR 24204	21.59 0.32 0.00	20.51 0.30 0.00	19.81 0.29 0.00	19.33 0.29 0.00	19.81 0.31 0.00	20.99 0.37 0.00	23.90 0.44 0.00	25.63 0.48 0.00	26.71 0.50 0.00	28.03 0.55 0.00	28.43 0.53 0.00	27.78 0.52 0.00	26.86 0.48 0.00	26.80 0.50 0.00	26.93 0.53 0.00	27.24 0.53 0.00	30.76 0.57 0.00	37.52 0.66 0.00	31.24 0.52 0.00	29.00 0.51 0.00	26.47 0.47 0.00	24.78 0.44 0.00	24.15 0.38 0.00	22.96 0.38 0.00
FIBERTEK___ENERGY 23856	21.14 -0.13 0.00	20.08 -0.12 0.00	19.41 -0.10 0.00	18.93 -0.11 0.00	19.40 -0.10 0.00	20.51 -0.10 0.00	23.34 -0.12 0.00	24.88 -0.28 0.00	25.92 -0.29 0.00	27.21 -0.27 0.00	27.65 -0.25 0.00	27.01 -0.25 0.00	26.12 -0.26 0.00	26.04 -0.26 0.00	26.13 -0.26 0.00	26.43 -0.27 0.00	29.85 -0.33 0.00	36.42 -0.44 0.00	30.38 -0.34 0.00	28.23 -0.26 0.00	25.79 -0.21 0.00	24.12 -0.22 0.00	23.63 -0.14 0.00	22.50 -0.07 0.00
FITZPATRICK___ 23598	20.67 -0.60 0.00	19.64 -0.57 0.00	18.99 -0.53 0.00	18.53 -0.51 0.00	18.98 -0.53 0.00	20.06 -0.56 0.00	22.80 -0.66 0.00	24.28 -0.88 0.00	25.27 -0.94 0.00	26.47 -1.02 0.00	26.90 -1.00 0.00	26.28 -0.98 0.00	25.44 -0.95 0.00	25.33 -0.97 0.00	25.45 -0.95 0.00	25.74 -0.96 0.00	29.07 -1.12 0.00	35.42 -1.44 0.00	29.55 -1.17 0.00	27.46 -1.02 0.00	25.11 -0.88 0.00	23.61 -0.73 0.00	23.06 -0.71 0.00	21.96 -0.61 0.00
FLOWRFLD_69_KV_BK1 356044	23.68 1.47 -0.94	21.60 1.39 0.00	20.76 1.25 0.00	20.16 1.12 0.00	20.69 1.19 0.00	21.89 1.28 0.00	25.87 1.62 -0.80	28.54 2.01 -1.37	29.70 2.18 -1.31	33.47 2.39 -3.60	31.88 2.40 -1.58	31.62 2.34 -2.01	29.39 2.14 -0.87	29.57 2.16 -1.10	29.34 2.16 -0.78	30.45 2.19 -1.56	32.85 2.63 -0.04	40.91 3.39 -0.66	33.61 2.70 -0.19	30.99 2.42 -0.09	30.02 2.11 -1.92	28.37 1.90 -2.13	25.39 1.62 0.00	25.72 1.60 -1.55
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.01 0.74 0.00	20.87 0.67 0.00	20.10 0.59 0.00	19.61 0.57 0.00	20.07 0.57 0.00	21.19 0.58 0.00	24.20 0.75 0.00	26.14 0.98 0.00	27.31 1.10 0.00	28.69 1.21 0.00	29.10 1.20 0.00	28.43 1.17 0.00	27.55 1.16 0.00	27.46 1.16 0.00	27.61 1.21 0.00	27.93 1.23 0.00	31.63 1.45 0.00	38.70 1.84 0.00	32.25 1.54 0.00	29.85 1.37 0.00	27.19 1.20 0.00	25.41 1.07 0.00	24.70 0.93 0.00	23.32 0.74 0.00
FORT ORANGE___ 23900	21.63 0.36 0.00	20.57 0.36 0.00	19.75 0.23 0.00	19.31 0.27 0.00	19.75 0.25 0.00	20.84 0.23 0.00	23.64 0.19 0.00	25.46 0.30 0.00	26.53 0.32 0.00	27.82 0.33 0.00	28.24 0.34 0.00	27.61 0.35 0.00	26.73 0.34 0.00	26.70 0.40 0.00	26.79 0.40 0.00	27.13 0.43 0.00	30.73 0.54 0.00	37.60 0.74 0.00	31.27 0.55 0.00	28.88 0.40 0.00	26.33 0.34 0.00	24.63 0.29 0.00	24.06 0.29 0.00	22.75 0.18 0.00
FORT_DRUM_COGEN 23780	20.76 -0.51 0.00	19.70 -0.51 0.00	18.99 -0.53 0.00	18.51 -0.53 0.00	18.99 -0.51 0.00	20.14 -0.47 0.00	22.98 -0.47 0.00	24.73 -0.43 0.00	25.82 -0.39 0.00	27.04 -0.44 0.00	27.48 -0.42 0.00	26.69 -0.57 0.00	25.78 -0.61 0.00	25.70 -0.60 0.00	25.84 -0.55 0.00	26.19 -0.51 0.00	29.73 -0.45 0.00	36.38 -0.48 0.00	30.19 -0.52 0.00	27.97 -0.51 0.00	25.45 -0.55 0.00	23.95 -0.39 0.00	23.37 -0.40 0.00	22.12 -0.45 0.00
FOX_HILLS___ESR 323835	22.28 1.00 -0.01	21.12 0.91 -0.01	20.34 0.82 -0.01	19.87 0.82 -0.01	20.31 0.80 -0.01	21.38 0.76 0.00	24.37 0.91 0.00	26.39 1.23 0.00	27.47 1.26 0.00	28.94 1.46 0.00	29.24 1.34 0.00	28.57 1.31 0.00	27.73 1.35 0.00	27.65 1.34 0.00	27.74 1.35 0.00	28.09 1.39 0.00	31.88 1.69 0.00	39.20 2.29 -0.06	32.61 1.84 -0.06	30.08 1.60 0.00	27.35 1.35 0.00	25.63 1.29 0.00	25.10 1.31 -0.02	23.75 1.17 -0.01
FPL_FAR_ROCK_GT1 24212	23.46 1.25 -0.94	21.36 1.15 0.00	20.58 1.07 0.00	20.03 0.99 0.00	20.51 1.01 0.00	21.79 1.17 0.00	25.68 1.43 -0.80	28.39 1.86 -1.37	29.51 1.99 -1.31	33.25 2.17 -3.60	31.63 2.15 -1.58	31.40 2.13 -2.01	29.34 2.08 -0.87	29.49 2.08 -1.10	29.29 2.11 -0.78	30.40 2.14 -1.56	32.61 2.38 -0.04	40.69 3.17 -0.66	33.51 2.61 -0.19	30.93 2.36 -0.09	29.97 2.05 -1.92	28.24 1.78 -2.13	25.46 1.69 0.00	25.56 1.45 -1.55
FPL_FAR_ROCK_GT2 23815	23.46 1.25 -0.94	21.36 1.15 0.00	20.58 1.07 0.00	20.03 0.99 0.00	20.51 1.01 0.00	21.79 1.17 0.00	25.68 1.43 -0.80	28.39 1.86 -1.37	29.51 1.99 -1.31	33.25 2.17 -3.60	31.63 2.15 -1.58	31.40 2.13 -2.01	29.34 2.08 -0.87	29.49 2.08 -1.10	29.29 2.11 -0.78	30.40 2.14 -1.56	32.61 2.38 -0.04	40.69 3.17 -0.66	33.51 2.61 -0.19	30.93 2.36 -0.09	29.97 2.05 -1.92	28.24 1.78 -2.13	25.46 1.69 0.00	25.56 1.45 -1.55

FRANKLIN_FALL_HYD 24054	21.74 0.47 0.00	20.67 0.46 0.00	19.98 0.47 0.00	19.48 0.44 0.00	19.93 0.43 0.00	21.07 0.45 0.00	24.04 0.59 0.00	25.89 0.73 0.00	27.00 0.79 0.00	28.34 0.85 0.00	28.77 0.86 0.00	28.02 0.76 0.00	27.13 0.74 0.00	26.99 0.68 0.00	27.03 0.63 0.00	27.37 0.67 0.00	30.94 0.75 0.00	37.86 1.00 0.00	31.51 0.80 0.00	29.20 0.71 0.00	26.57 0.57 0.00	24.83 0.49 0.00	24.22 0.45 0.00	23.00 0.43 0.00
FREEPORT_EQUS_GT1 23764	23.40 1.19 -0.94	21.30 1.09 0.00	20.53 1.01 0.00	19.97 0.93 0.00	20.46 0.96 0.00	21.73 1.11 0.00	25.59 1.34 -0.80	28.27 1.73 -1.37	29.38 1.86 -1.31	33.09 2.01 -3.60	31.46 1.98 -1.58	31.21 1.94 -2.01	29.16 1.90 -0.87	29.20 1.79 -1.10	28.99 1.82 -0.78	30.21 1.95 -1.56	32.43 2.20 -0.04	40.51 2.98 -0.66	33.36 2.46 -0.19	30.79 2.22 -0.09	29.81 1.90 -1.92	28.10 1.63 -2.13	25.32 1.54 0.00	25.47 1.35 -1.55
FREEPORT___CT2 23818	23.40 1.19 -0.94	21.30 1.09 0.00	20.53 1.01 0.00	19.97 0.93 0.00	20.46 0.96 0.00	21.73 1.11 0.00	25.59 1.34 -0.80	28.27 1.73 -1.37	29.38 1.86 -1.31	33.09 2.01 -3.60	31.46 1.98 -1.58	31.21 1.94 -2.01	29.16 1.90 -0.87	29.20 1.79 -1.10	28.99 1.82 -0.78	30.21 1.95 -1.56	32.43 2.20 -0.04	40.51 2.98 -0.66	33.36 2.46 -0.19	30.79 2.22 -0.09	29.81 1.90 -1.92	28.10 1.63 -2.13	25.32 1.54 0.00	25.47 1.35 -1.55
FRESHKLS_33_KV_LOAD 356253	22.32 1.04 -0.01	21.16 0.95 -0.01	20.38 0.86 -0.01	19.90 0.86 -0.01	20.37 0.86 -0.01	21.40 0.78 0.00	24.37 0.91 0.00	26.34 1.18 0.00	27.39 1.18 0.00	28.86 1.37 0.00	29.13 1.23 0.00	28.49 1.23 0.00	27.63 1.24 0.00	27.57 1.26 0.00	27.64 1.24 0.00	28.01 1.31 0.00	31.78 1.60 0.00	39.13 2.21 -0.06	32.55 1.78 -0.06	30.02 1.54 0.00	27.27 1.27 0.00	25.61 1.27 0.00	25.10 1.31 -0.02	23.78 1.20 -0.01
FULTON COGEN____ 23766	20.80 -0.47 0.00	19.76 -0.44 0.00	19.10 -0.41 0.00	18.64 -0.40 0.00	19.09 -0.41 0.00	20.18 -0.43 0.00	22.94 -0.52 0.00	24.45 -0.70 0.00	25.50 -0.71 0.00	26.74 -0.74 0.00	27.18 -0.73 0.00	26.55 -0.71 0.00	25.70 -0.69 0.00	25.62 -0.68 0.00	25.71 -0.69 0.00	26.03 -0.67 0.00	29.40 -0.78 0.00	35.86 -1.00 0.00	29.89 -0.83 0.00	27.77 -0.71 0.00	25.35 -0.65 0.00	23.76 -0.58 0.00	23.27 -0.50 0.00	22.19 -0.38 0.00
FULTON___LFGE 323630	23.14 1.87 0.00	21.92 1.72 0.00	21.17 1.66 0.00	20.72 1.68 0.00	21.26 1.76 0.00	22.59 1.98 0.00	25.77 2.32 0.00	27.85 2.69 0.00	29.02 2.81 0.00	30.45 2.97 0.00	31.00 3.10 0.00	30.23 2.97 0.00	29.16 2.77 0.00	29.20 2.89 0.00	29.38 2.98 0.00	30.01 3.31 0.00	33.87 3.68 0.00	41.43 4.57 0.00	34.46 3.75 0.00	31.82 3.33 0.00	28.99 2.99 0.00	26.99 2.65 0.00	26.20 2.43 0.00	24.83 2.26 0.00
G.F.CEMENT___DRP 24184	22.23 0.96 0.00	21.09 0.89 0.00	20.35 0.84 0.00	19.88 0.84 0.00	20.38 0.88 0.00	21.58 0.97 0.00	24.55 1.10 0.00	26.52 1.36 0.00	27.68 1.47 0.00	29.05 1.57 0.00	29.52 1.62 0.00	28.87 1.61 0.00	27.92 1.53 0.00	27.88 1.58 0.00	27.98 1.58 0.00	28.36 1.66 0.00	32.09 1.90 0.00	39.26 2.40 0.00	32.68 1.97 0.00	30.14 1.65 0.00	27.51 1.51 0.00	25.73 1.39 0.00	24.96 1.19 0.00	23.63 1.06 0.00
GARDENVILLE___LBMP 24039	21.20 -0.06 0.00	20.25 0.04 0.00	19.69 0.18 0.00	19.17 0.13 0.00	19.68 0.18 0.00	20.66 0.04 0.00	23.38 -0.07 0.00	24.60 -0.55 0.00	25.79 -0.42 0.00	26.82 -0.66 0.00	27.23 -0.67 0.00	26.63 -0.63 0.00	25.70 -0.69 0.00	25.49 -0.82 0.00	25.55 -0.84 0.00	25.85 -0.85 0.00	28.89 -1.30 0.00	34.72 -2.14 0.00	29.52 -1.20 0.00	27.74 -0.74 0.00	25.40 -0.60 0.00	23.78 -0.56 0.00	23.34 -0.43 0.00	22.62 0.05 0.00
GARDNVLA_35_KV_LD 355827	21.33 0.06 0.00	20.35 0.14 0.00	19.79 0.27 0.00	19.27 0.23 0.00	19.77 0.27 0.00	20.78 0.16 0.00	23.50 0.05 0.00	24.73 -0.43 0.00	25.95 -0.26 0.00	26.96 -0.52 0.00	27.37 -0.53 0.00	26.77 -0.49 0.00	25.86 -0.53 0.00	25.65 -0.66 0.00	25.71 -0.69 0.00	26.01 -0.69 0.00	29.04 -1.15 0.00	34.94 -1.92 0.00	29.70 -1.01 0.00	27.91 -0.57 0.00	25.56 -0.44 0.00	23.93 -0.41 0.00	23.49 -0.29 0.00	22.73 0.16 0.00
GELCKHM___115KV_LOAD 80723	21.01 -0.26 0.00	19.96 -0.24 0.00	19.30 -0.21 0.00	18.81 -0.23 0.00	19.29 -0.21 0.00	20.39 -0.23 0.00	23.17 -0.28 0.00	24.73 -0.43 0.00	25.74 -0.47 0.00	27.02 -0.47 0.00	27.46 -0.45 0.00	26.80 -0.46 0.00	25.94 -0.45 0.00	25.86 -0.45 0.00	25.95 -0.45 0.00	26.25 -0.45 0.00	29.61 -0.57 0.00	36.12 -0.74 0.00	30.13 -0.58 0.00	28.00 -0.48 0.00	25.58 -0.42 0.00	23.95 -0.39 0.00	23.46 -0.31 0.00	22.37 -0.20 0.00
GENERAL___MILLS 23808	21.29 0.02 0.00	20.31 0.10 0.00	19.77 0.25 0.00	19.23 0.19 0.00	19.75 0.25 0.00	20.74 0.12 0.00	23.45 0.00 0.00	24.68 -0.48 0.00	25.90 -0.31 0.00	26.93 -0.55 0.00	27.32 -0.59 0.00	26.71 -0.55 0.00	25.81 -0.58 0.00	25.59 -0.71 0.00	25.66 -0.74 0.00	25.95 -0.75 0.00	28.98 -1.21 0.00	34.87 -1.99 0.00	29.64 -1.08 0.00	27.86 -0.63 0.00	25.50 -0.49 0.00	23.88 -0.46 0.00	23.44 -0.33 0.00	22.71 0.14 0.00
GE_PLASTICS___DRP 24183	21.54 0.28 0.00	20.49 0.28 0.00	19.79 0.27 0.00	19.31 0.27 0.00	19.77 0.27 0.00	20.90 0.29 0.00	23.73 0.28 0.00	25.56 0.40 0.00	26.53 0.31 0.00	27.81 0.33 0.00	28.24 0.33 0.00	27.61 0.35 0.00	26.73 0.34 0.00	26.70 0.39 0.00	26.79 0.40 0.00	27.10 0.40 0.00	30.70 0.51 0.00	37.52 0.66 0.00	31.21 0.49 0.00	28.85 0.37 0.00	26.36 0.36 0.00	24.70 0.37 0.00	24.03 0.26 0.00	22.75 0.18 0.00
GILBOA___1 23756	21.57 0.30 0.00	20.49 0.28 0.00	19.77 0.25 0.00	19.31 0.27 0.00	19.75 0.25 0.00	20.90 0.29 0.00	23.78 0.33 0.00	25.61 0.45 0.00	26.71 0.50 0.00	28.01 0.52 0.00	28.43 0.53 0.00	27.80 0.54 0.00	26.92 0.53 0.00	26.86 0.55 0.00	26.95 0.56 0.00	27.26 0.56 0.00	30.82 0.63 0.00	37.71 0.85 0.00	31.39 0.67 0.00	29.08 0.60 0.00	26.52 0.52 0.00	24.75 0.41 0.00	24.18 0.40 0.00	22.89 0.32 0.00
GILBOA___2 23757	21.57 0.30 0.00	20.49 0.28 0.00	19.77 0.25 0.00	19.31 0.27 0.00	19.75 0.25 0.00	20.90 0.29 0.00	23.78 0.33 0.00	25.61 0.45 0.00	26.71 0.50 0.00	28.01 0.52 0.00	28.43 0.53 0.00	27.80 0.54 0.00	26.92 0.53 0.00	26.86 0.55 0.00	26.95 0.56 0.00	27.26 0.56 0.00	30.82 0.63 0.00	37.71 0.85 0.00	31.39 0.67 0.00	29.08 0.60 0.00	26.52 0.52 0.00	24.75 0.41 0.00	24.18 0.40 0.00	22.89 0.32 0.00
GILBOA___3 23758	21.57 0.30 0.00	20.49 0.28 0.00	19.77 0.25 0.00	19.31 0.27 0.00	19.75 0.25 0.00	20.90 0.29 0.00	23.78 0.33 0.00	25.61 0.45 0.00	26.71 0.50 0.00	28.01 0.52 0.00	28.43 0.53 0.00	27.80 0.54 0.00	26.92 0.53 0.00	26.86 0.55 0.00	26.95 0.56 0.00	27.26 0.56 0.00	30.82 0.63 0.00	37.71 0.85 0.00	31.39 0.67 0.00	29.08 0.60 0.00	26.52 0.52 0.00	24.75 0.41 0.00	24.18 0.40 0.00	22.89 0.32 0.00

GILBOA___4 23759	21.57 0.30 0.00	20.49 0.28 0.00	19.77 0.25 0.00	19.31 0.27 0.00	19.75 0.25 0.00	20.90 0.29 0.00	23.78 0.33 0.00	25.61 0.45 0.00	26.71 0.50 0.00	28.01 0.52 0.00	28.43 0.53 0.00	27.80 0.54 0.00	26.92 0.53 0.00	26.86 0.55 0.00	26.95 0.56 0.00	27.26 0.56 0.00	30.82 0.63 0.00	37.71 0.85 0.00	31.39 0.67 0.00	29.08 0.60 0.00	26.52 0.52 0.00	24.75 0.41 0.00	24.18 0.40 0.00	22.89 0.32 0.00
GILBOA____ 23599	21.57 0.30 0.00	20.49 0.28 0.00	19.77 0.25 0.00	19.29 0.25 0.00	19.75 0.25 0.00	20.90 0.29 0.00	23.78 0.33 0.00	25.64 0.48 0.00	26.71 0.50 0.00	28.01 0.52 0.00	28.43 0.53 0.00	27.80 0.55 0.00	26.92 0.53 0.00	26.86 0.55 0.00	26.95 0.55 0.00	27.26 0.56 0.00	30.85 0.66 0.00	37.71 0.85 0.00	31.39 0.68 0.00	29.08 0.60 0.00	26.54 0.55 0.00	24.85 0.51 0.00	24.18 0.40 0.00	22.91 0.34 0.00
GINNA____ 23603	20.03 -1.23 0.00	19.01 -1.19 0.00	18.42 -1.09 0.00	17.95 -1.08 0.00	18.47 -1.03 0.00	19.46 -1.15 0.00	22.09 -1.36 0.00	23.55 -1.61 0.00	24.53 -1.68 0.00	25.70 -1.79 0.00	26.06 -1.84 0.00	25.51 -1.75 0.00	24.67 -1.71 0.00	24.54 -1.76 0.00	24.63 -1.77 0.00	24.94 -1.76 0.00	28.19 -1.99 0.00	34.06 -2.80 0.00	28.63 -2.09 0.00	26.66 -1.82 0.00	24.46 -1.53 0.00	22.81 -1.53 0.00	22.28 -1.50 0.00	21.31 -1.26 0.00
GLEN PARK____ 23778	20.78 -0.49 0.00	19.70 -0.50 0.00	18.99 -0.53 0.00	18.51 -0.53 0.00	18.99 -0.51 0.00	20.14 -0.47 0.00	23.01 -0.45 0.00	24.75 -0.40 0.00	25.84 -0.37 0.00	27.07 -0.41 0.00	27.51 -0.39 0.00	26.71 -0.54 0.00	25.81 -0.58 0.00	25.70 -0.60 0.00	25.87 -0.53 0.00	26.22 -0.48 0.00	29.79 -0.39 0.00	36.46 -0.40 0.00	30.26 -0.46 0.00	28.03 -0.46 0.00	25.50 -0.49 0.00	24.02 -0.32 0.00	23.39 -0.38 0.00	22.12 -0.45 0.00
GLENDALE_27_KV_LOAD 356172	22.21 0.94 -0.01	21.03 0.83 0.00	20.21 0.70 0.00	19.74 0.70 0.00	20.20 0.70 0.00	21.34 0.72 0.00	24.39 0.94 0.00	26.49 1.33 0.00	27.65 1.44 0.00	29.11 1.62 0.00	29.41 1.51 0.00	28.76 1.50 0.00	27.89 1.50 0.00	27.83 1.53 0.00	27.93 1.53 0.00	28.28 1.58 0.00	32.09 1.90 0.00	39.33 2.47 0.00	32.71 2.00 0.00	30.25 1.77 0.00	27.48 1.48 0.00	25.68 1.34 0.00	25.06 1.28 0.00	23.66 1.08 -0.01
GLENWOOD_IC_1_G5 23712	23.36 1.15 -0.94	21.24 1.03 0.00	20.43 0.92 0.00	19.90 0.86 0.00	20.40 0.90 0.00	21.58 0.97 0.00	25.52 1.27 -0.80	28.19 1.66 -1.37	29.33 1.81 -1.31	33.06 1.98 -3.60	31.44 1.95 -1.58	31.21 1.94 -2.01	29.16 1.90 -0.87	29.30 1.89 -1.10	29.07 1.90 -0.78	30.21 1.95 -1.56	32.49 2.26 -0.04	40.25 2.73 -0.66	33.27 2.37 -0.19	30.71 2.14 -0.09	29.79 1.87 -1.92	28.17 1.70 -2.13	25.27 1.50 0.00	25.43 1.31 -1.55
GLENWOOD_IC_2_G1 23688	23.27 1.06 -0.94	21.17 0.97 0.00	20.41 0.90 0.00	19.88 0.84 0.00	20.36 0.86 0.00	21.60 0.99 0.00	25.45 1.20 -0.80	28.14 1.61 -1.37	29.25 1.73 -1.31	32.95 1.87 -3.60	31.32 1.84 -1.58	31.10 1.83 -2.01	29.05 1.80 -0.87	29.20 1.79 -1.10	28.99 1.82 -0.78	30.10 1.84 -1.56	32.28 2.05 -0.04	40.21 2.69 -0.66	33.14 2.24 -0.19	30.59 2.02 -0.09	29.66 1.74 -1.92	27.95 1.48 -2.13	25.18 1.40 0.00	25.34 1.22 -1.55
GLENWOOD_IC_3_G1 23689	23.27 1.06 -0.94	21.17 0.97 0.00	20.41 0.90 0.00	19.88 0.84 0.00	20.36 0.86 0.00	21.60 0.99 0.00	25.45 1.20 -0.80	28.14 1.61 -1.37	29.25 1.73 -1.31	32.95 1.87 -3.60	31.32 1.84 -1.58	31.10 1.83 -2.01	29.05 1.80 -0.87	29.20 1.79 -1.10	28.99 1.82 -0.78	30.10 1.84 -1.56	32.28 2.05 -0.04	40.21 2.69 -0.66	33.14 2.24 -0.19	30.59 2.02 -0.09	29.66 1.74 -1.92	27.95 1.48 -2.13	25.18 1.40 0.00	25.34 1.22 -1.55
GLENWOOD___4 23550	23.36 1.15 -0.94	21.24 1.03 0.00	20.43 0.92 0.00	19.90 0.86 0.00	20.40 0.90 0.00	21.58 0.97 0.00	25.52 1.27 -0.80	28.19 1.66 -1.37	29.33 1.81 -1.31	33.06 1.98 -3.60	31.44 1.95 -1.58	31.21 1.94 -2.01	29.16 1.90 -0.87	29.30 1.89 -1.10	29.07 1.90 -0.78	30.21 1.95 -1.56	32.49 2.26 -0.04	40.32 2.80 -0.66	33.27 2.37 -0.19	30.71 2.14 -0.09	29.79 1.87 -1.92	28.17 1.70 -2.13	25.27 1.50 0.00	25.43 1.31 -1.55
GLENWOOD___5 23614	23.36 1.15 -0.94	21.24 1.03 0.00	20.43 0.92 0.00	19.90 0.86 0.00	20.40 0.90 0.00	21.58 0.97 0.00	25.52 1.27 -0.80	28.19 1.66 -1.37	29.33 1.81 -1.31	33.06 1.98 -3.60	31.44 1.95 -1.58	31.21 1.94 -2.01	29.16 1.90 -0.87	29.30 1.89 -1.10	29.07 1.90 -0.78	30.21 1.95 -1.56	32.49 2.26 -0.04	40.32 2.80 -0.66	33.27 2.37 -0.19	30.71 2.14 -0.09	29.79 1.87 -1.92	28.17 1.70 -2.13	25.27 1.50 0.00	25.43 1.31 -1.55
GLOBAL GREEN_PORT_GT1 23814	24.32 2.11 -0.94	22.23 2.02 0.00	21.40 1.89 0.00	20.77 1.73 0.00	21.32 1.81 0.00	22.68 2.06 0.00	26.58 2.32 -0.80	29.27 2.74 -1.37	30.48 2.96 -1.31	34.43 3.35 -3.60	32.97 3.49 -1.58	32.62 3.35 -2.01	30.00 2.74 -0.87	30.17 2.76 -1.10	30.00 2.83 -0.78	31.07 2.80 -1.56	33.40 3.17 -0.04	42.17 4.64 -0.66	34.46 3.56 -0.19	31.70 3.13 -0.09	30.59 2.68 -1.92	28.78 2.31 -2.13	25.89 2.12 0.00	26.38 2.26 -1.55
GLOBE___DSASP 323697	20.40 -0.87 0.00	19.44 -0.77 0.00	18.95 -0.57 0.00	18.51 -0.53 0.00	18.94 -0.57 0.00	19.87 -0.74 0.00	22.37 -1.08 0.00	23.47 -1.69 0.00	24.61 -1.60 0.00	25.59 -1.90 0.00	25.95 -1.95 0.00	25.41 -1.85 0.00	24.54 -1.85 0.00	24.36 -1.95 0.00	24.39 -2.01 0.00	24.67 -2.03 0.00	27.53 -2.66 0.00	32.99 -3.87 0.00	28.14 -2.58 0.00	26.49 -1.99 0.00	24.23 -1.77 0.00	22.71 -1.63 0.00	22.35 -1.43 0.00	21.69 -0.88 0.00
GOETHSLN___LBMP 323567	21.84 0.57 0.00	20.71 0.51 0.00	19.92 0.41 0.00	19.50 0.46 0.00	19.93 0.43 0.00	21.07 0.45 0.00	24.11 0.66 0.00	26.24 1.08 0.00	27.44 1.23 0.00	28.86 1.37 0.00	29.19 1.28 0.00	28.54 1.28 0.00	27.65 1.27 0.00	27.59 1.29 0.00	27.69 1.29 0.00	28.01 1.31 0.00	31.78 1.60 0.00	38.89 2.03 0.00	32.37 1.66 0.00	29.99 1.51 0.00	27.25 1.25 0.00	25.46 1.12 0.00	24.75 0.97 0.00	23.29 0.72 0.00
GOLAH___69_KV_TB 1_2 80279	21.16 -0.11 0.00	20.14 -0.06 0.00	19.55 0.04 0.00	19.02 -0.02 0.00	19.56 0.06 0.00	20.57 -0.04 0.00	23.29 -0.16 0.00	24.63 -0.53 0.00	25.77 -0.45 0.00	26.91 -0.58 0.00	27.21 -0.70 0.00	26.63 -0.63 0.00	25.81 -0.58 0.00	25.65 -0.66 0.00	25.71 -0.69 0.00	25.98 -0.72 0.00	29.16 -1.03 0.00	35.20 -1.66 0.00	29.76 -0.95 0.00	27.80 -0.68 0.00	25.40 -0.60 0.00	23.68 -0.66 0.00	23.30 -0.48 0.00	22.39 -0.18 0.00
GOODYEAR_LAKE_HYD 323669	21.95 0.68 0.00	20.83 0.63 0.00	20.08 0.57 0.00	19.59 0.55 0.00	20.07 0.57 0.00	21.27 0.66 0.00	24.25 0.80 0.00	26.14 0.98 0.00	27.31 1.10 0.00	28.67 1.18 0.00	29.10 1.20 0.00	28.43 1.17 0.00	27.47 1.08 0.00	27.41 1.10 0.00	27.53 1.14 0.00	27.85 1.15 0.00	31.51 1.33 0.00	38.56 1.70 0.00	32.13 1.41 0.00	29.79 1.31 0.00	27.14 1.14 0.00	25.36 1.02 0.00	24.70 0.93 0.00	23.41 0.84 0.00

GOUDEY___1 345031	21.46 0.19 0.00	20.39 0.18 0.00	19.71 0.20 0.00	19.25 0.21 0.00	19.70 0.20 0.00	20.84 0.23 0.00	23.69 0.23 0.00	25.31 0.15 0.00	26.42 0.21 0.00	27.65 0.16 0.00	28.10 0.20 0.00	27.42 0.16 0.00	26.52 0.13 0.00	26.41 0.11 0.00	26.50 0.11 0.00	26.81 0.11 0.00	30.25 0.06 0.00	36.82 -0.04 0.00	30.84 0.12 0.00	28.71 0.23 0.00	26.21 0.21 0.00	24.53 0.19 0.00	23.99 0.21 0.00	22.89 0.32 0.00
GOUDEY___7 23579	21.46 0.19 0.00	20.41 0.20 0.00	19.73 0.21 0.00	19.25 0.21 0.00	19.72 0.21 0.00	20.86 0.25 0.00	23.69 0.23 0.00	25.33 0.18 0.00	26.45 0.24 0.00	27.68 0.19 0.00	28.13 0.22 0.00	27.48 0.22 0.00	26.57 0.18 0.00	26.44 0.13 0.00	26.53 0.13 0.00	26.83 0.13 0.00	30.28 0.09 0.00	36.86 0.00 0.00	30.87 0.15 0.00	28.74 0.26 0.00	26.23 0.23 0.00	24.56 0.22 0.00	24.01 0.24 0.00	22.91 0.34 0.00
GOUDEY___8 23580	21.46 0.19 0.00	20.39 0.18 0.00	19.71 0.20 0.00	19.25 0.21 0.00	19.70 0.20 0.00	20.84 0.23 0.00	23.69 0.23 0.00	25.31 0.15 0.00	26.42 0.21 0.00	27.65 0.16 0.00	28.10 0.20 0.00	27.42 0.16 0.00	26.52 0.13 0.00	26.41 0.11 0.00	26.50 0.11 0.00	26.81 0.11 0.00	30.25 0.06 0.00	36.82 -0.04 0.00	30.84 0.12 0.00	28.71 0.23 0.00	26.21 0.21 0.00	24.53 0.19 0.00	23.99 0.21 0.00	22.89 0.32 0.00
GOWANUS_GT1_1 24077	22.28 1.00 -0.01	21.10 0.89 -0.01	20.30 0.78 -0.01	19.83 0.78 -0.01	20.29 0.78 -0.01	21.38 0.76 0.00	24.41 0.96 0.00	26.47 1.31 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	32.03 1.84 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.45 1.46 0.00	25.70 1.36 0.00	25.13 1.33 -0.02	23.75 1.17 -0.01
GOWANUS_GT1_2 24078	22.28 1.00 -0.01	21.10 0.89 -0.01	20.30 0.78 -0.01	19.83 0.78 -0.01	20.29 0.78 -0.01	21.38 0.76 0.00	24.41 0.96 0.00	26.47 1.31 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	32.03 1.84 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.45 1.46 0.00	25.70 1.36 0.00	25.13 1.33 -0.02	23.75 1.17 -0.01
GOWANUS_GT1_3 24079	22.28 1.00 -0.01	21.10 0.89 -0.01	20.30 0.78 -0.01	19.83 0.78 -0.01	20.29 0.78 -0.01	21.38 0.76 0.00	24.41 0.96 0.00	26.47 1.31 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	32.03 1.84 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.45 1.46 0.00	25.70 1.36 0.00	25.13 1.33 -0.02	23.75 1.17 -0.01
GOWANUS_GT1_4 24080	22.28 1.00 -0.01	21.10 0.89 -0.01	20.30 0.78 -0.01	19.83 0.78 -0.01	20.29 0.78 -0.01	21.38 0.76 0.00	24.41 0.96 0.00	26.47 1.31 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	32.03 1.84 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.45 1.46 0.00	25.70 1.36 0.00	25.13 1.33 -0.02	23.75 1.17 -0.01
GOWANUS_GT1_5 24084	22.28 1.00 -0.01	21.10 0.89 -0.01	20.30 0.78 -0.01	19.83 0.78 -0.01	20.29 0.78 -0.01	21.38 0.76 0.00	24.41 0.96 0.00	26.47 1.31 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	32.03 1.84 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.45 1.46 0.00	25.70 1.36 0.00	25.13 1.33 -0.02	23.75 1.17 -0.01
GOWANUS_GT1_6 24111	22.28 1.00 -0.01	21.10 0.89 -0.01	20.30 0.78 -0.01	19.83 0.78 -0.01	20.29 0.78 -0.01	21.38 0.76 0.00	24.41 0.96 0.00	26.47 1.31 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	32.03 1.84 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.45 1.46 0.00	25.70 1.36 0.00	25.13 1.33 -0.02	23.75 1.17 -0.01
GOWANUS_GT1_7 24112	22.28 1.00 -0.01	21.10 0.89 -0.01	20.30 0.78 -0.01	19.83 0.78 -0.01	20.29 0.78 -0.01	21.38 0.76 0.00	24.41 0.96 0.00	26.47 1.31 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	32.03 1.84 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.45 1.46 0.00	25.70 1.36 0.00	25.13 1.33 -0.02	23.75 1.17 -0.01
GOWANUS_GT1_8 24113	22.28 1.00 -0.01	21.10 0.89 -0.01	20.30 0.78 -0.01	19.83 0.78 -0.01	20.29 0.78 -0.01	21.38 0.76 0.00	24.41 0.96 0.00	26.47 1.31 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	32.03 1.84 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.45 1.46 0.00	25.70 1.36 0.00	25.13 1.33 -0.02	23.75 1.17 -0.01
GOWANUS_GT2_1 24114	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
GOWANUS_GT2_2 24115	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
GOWANUS_GT2_3 24116	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
GOWANUS_GT2_4 24117	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01

GOWANUS_GT2_5 24118	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
GOWANUS_GT2_6 24119	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
GOWANUS_GT2_7 24120	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
GOWANUS_GT2_8 24121	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
GOWANUS_GT3_1 24122	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
GOWANUS_GT3_2 24123	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
GOWANUS_GT3_3 24124	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
GOWANUS_GT3_4 24125	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
GOWANUS_GT3_5 24126	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
GOWANUS_GT3_6 24127	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
GOWANUS_GT3_7 24128	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
GOWANUS_GT3_8 24129	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
GOWANUS_GT4_1 24130	22.28 1.00 -0.01	21.10 0.89 -0.01	20.30 0.78 -0.01	19.83 0.78 -0.01	20.29 0.78 -0.01	21.38 0.76 0.00	24.41 0.96 0.00	26.47 1.31 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	32.03 1.84 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.45 1.46 0.00	25.70 1.36 0.00	25.13 1.33 -0.02	23.75 1.17 -0.01
GOWANUS_GT4_2 24131	22.28 1.00 -0.01	21.10 0.89 -0.01	20.30 0.78 -0.01	19.83 0.78 -0.01	20.29 0.78 -0.01	21.38 0.76 0.00	24.41 0.96 0.00	26.47 1.31 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	32.03 1.84 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.45 1.46 0.00	25.70 1.36 0.00	25.13 1.33 -0.02	23.75 1.17 -0.01
GOWANUS_GT4_3 24132	22.28 1.00 -0.01	21.10 0.89 -0.01	20.30 0.78 -0.01	19.83 0.78 -0.01	20.29 0.78 -0.01	21.38 0.76 0.00	24.41 0.96 0.00	26.47 1.31 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	32.03 1.84 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.45 1.46 0.00	25.70 1.36 0.00	25.13 1.33 -0.02	23.75 1.17 -0.01

GOWANUS_GT4_4 24133	22.28 1.00 -0.01	21.10 0.89 -0.01	20.30 0.78 -0.01	19.83 0.78 -0.01	20.29 0.78 -0.01	21.38 0.76 0.00	24.41 0.96 0.00	26.47 1.31 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	32.03 1.84 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.45 1.46 0.00	25.70 1.36 0.00	25.13 1.33 -0.02	23.75 1.17 -0.01
GOWANUS_GT4_5 24134	22.28 1.00 -0.01	21.10 0.89 -0.01	20.30 0.78 -0.01	19.83 0.78 -0.01	20.29 0.78 -0.01	21.38 0.76 0.00	24.41 0.96 0.00	26.47 1.31 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	32.03 1.84 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.45 1.46 0.00	25.70 1.36 0.00	25.13 1.33 -0.02	23.75 1.17 -0.01
GOWANUS_GT4_6 24135	22.28 1.00 -0.01	21.10 0.89 -0.01	20.30 0.78 -0.01	19.83 0.78 -0.01	20.29 0.78 -0.01	21.38 0.76 0.00	24.41 0.96 0.00	26.47 1.31 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	32.03 1.84 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.45 1.46 0.00	25.70 1.36 0.00	25.13 1.33 -0.02	23.75 1.17 -0.01
GOWANUS_GT4_7 24136	22.28 1.00 -0.01	21.10 0.89 -0.01	20.30 0.78 -0.01	19.83 0.78 -0.01	20.29 0.78 -0.01	21.38 0.76 0.00	24.41 0.96 0.00	26.47 1.31 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	32.03 1.84 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.45 1.46 0.00	25.70 1.36 0.00	25.13 1.33 -0.02	23.75 1.17 -0.01
GOWANUS_GT4_8 24137	22.28 1.00 -0.01	21.10 0.89 -0.01	20.30 0.78 -0.01	19.83 0.78 -0.01	20.29 0.78 -0.01	21.38 0.76 0.00	24.41 0.96 0.00	26.47 1.31 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	32.03 1.84 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.45 1.46 0.00	25.70 1.36 0.00	25.13 1.33 -0.02	23.75 1.17 -0.01
GREENBSH_115KV_TB3 55895	21.50 0.23 0.00	20.45 0.24 0.00	19.75 0.23 0.00	19.29 0.25 0.00	19.74 0.23 0.00	20.86 0.25 0.00	23.66 0.21 0.00	25.51 0.35 0.00	26.39 0.18 0.00	27.68 0.19 0.00	28.10 0.20 0.00	27.48 0.22 0.00	26.60 0.21 0.00	26.57 0.26 0.00	26.66 0.26 0.00	26.97 0.27 0.00	30.55 0.36 0.00	37.38 0.52 0.00	31.05 0.34 0.00	28.71 0.23 0.00	26.23 0.23 0.00	24.61 0.27 0.00	23.92 0.14 0.00	22.62 0.05 0.00
GREENDGE_115KV_TB5 80291	21.54 0.28 0.00	20.47 0.26 0.00	19.82 0.31 0.00	19.32 0.29 0.00	19.83 0.33 0.00	20.97 0.35 0.00	23.80 0.35 0.00	25.41 0.25 0.00	26.53 0.31 0.00	27.76 0.27 0.00	28.18 0.28 0.00	27.53 0.27 0.00	26.60 0.21 0.00	26.46 0.16 0.00	26.56 0.16 0.00	26.91 0.21 0.00	30.34 0.15 0.00	36.53 -0.33 0.00	30.96 0.25 0.00	28.85 0.37 0.00	26.34 0.34 0.00	24.61 0.27 0.00	24.03 0.26 0.00	23.00 0.43 0.00
GREENIDGE___3 23582	21.54 0.28 0.00	20.47 0.26 0.00	19.82 0.31 0.00	19.32 0.29 0.00	19.83 0.33 0.00	20.97 0.35 0.00	23.80 0.35 0.00	25.41 0.25 0.00	26.53 0.31 0.00	27.76 0.27 0.00	28.18 0.28 0.00	27.53 0.27 0.00	26.60 0.21 0.00	26.46 0.16 0.00	26.56 0.16 0.00	26.91 0.21 0.00	30.34 0.15 0.00	36.53 -0.33 0.00	30.96 0.25 0.00	28.85 0.37 0.00	26.34 0.34 0.00	24.61 0.27 0.00	24.03 0.26 0.00	23.00 0.43 0.00
GREENIDGE___4 23583	21.57 0.30 0.00	20.47 0.26 0.00	19.82 0.31 0.00	19.34 0.30 0.00	19.85 0.35 0.00	21.01 0.39 0.00	23.85 0.40 0.00	25.46 0.30 0.00	26.55 0.34 0.00	27.76 0.27 0.00	28.18 0.28 0.00	27.53 0.27 0.00	26.60 0.21 0.00	26.46 0.16 0.00	26.56 0.16 0.00	26.91 0.21 0.00	30.43 0.24 0.00	36.53 -0.33 0.00	30.96 0.24 0.00	28.85 0.37 0.00	26.39 0.39 0.00	24.66 0.32 0.00	24.03 0.26 0.00	23.02 0.45 0.00
GREENLWN_69_KV_BK 3 55738	23.49 1.28 -0.94	21.38 1.17 0.00	20.57 1.05 0.00	20.01 0.97 0.00	20.52 1.01 0.00	21.69 1.07 0.00	25.66 1.41 -0.80	28.32 1.79 -1.37	29.46 1.94 -1.31	33.09 2.01 -3.60	31.38 1.90 -1.58	31.15 1.88 -2.01	29.23 1.98 -0.87	29.43 2.03 -1.10	29.21 2.03 -0.78	30.27 2.00 -1.56	32.46 2.23 -0.04	40.29 2.76 -0.66	33.21 2.30 -0.19	30.73 2.16 -0.09	29.84 1.92 -1.92	28.24 1.78 -2.13	25.32 1.55 0.00	25.54 1.42 -1.55
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.28 1.00 -0.01	21.10 0.89 -0.01	20.30 0.78 -0.01	19.83 0.78 -0.01	20.29 0.78 -0.01	21.38 0.76 0.00	24.41 0.96 0.00	26.47 1.31 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	32.03 1.84 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.45 1.46 0.00	25.70 1.36 0.00	25.13 1.33 -0.02	23.75 1.17 -0.01
GRISSOM___SOLAR 323813	23.14 1.87 0.00	21.92 1.72 0.00	21.17 1.66 0.00	20.72 1.68 0.00	21.26 1.76 0.00	22.59 1.98 0.00	25.77 2.32 0.00	27.85 2.69 0.00	29.02 2.81 0.00	30.45 2.97 0.00	31.00 3.10 0.00	30.23 2.97 0.00	29.16 2.77 0.00	29.20 2.89 0.00	29.38 2.98 0.00	30.01 3.31 0.00	33.87 3.68 0.00	41.43 4.57 0.00	34.46 3.75 0.00	31.82 3.33 0.00	28.99 2.99 0.00	26.99 2.65 0.00	26.20 2.43 0.00	24.83 2.26 0.00
GROVEVILLE___HYD 323602	22.01 0.74 0.00	20.87 0.67 0.00	20.10 0.59 0.00	19.61 0.57 0.00	20.07 0.57 0.00	21.19 0.58 0.00	24.20 0.75 0.00	26.14 0.98 0.00	27.31 1.10 0.00	28.69 1.21 0.00	29.10 1.20 0.00	28.43 1.17 0.00	27.55 1.16 0.00	27.46 1.16 0.00	27.61 1.21 0.00	27.93 1.23 0.00	31.63 1.45 0.00	38.70 1.84 0.00	32.25 1.54 0.00	29.85 1.37 0.00	27.19 1.20 0.00	25.41 1.07 0.00	24.70 0.93 0.00	23.32 0.74 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.14 -0.13 0.00	20.08 -0.12 0.00	19.41 -0.10 0.00	18.93 -0.11 0.00	19.40 -0.10 0.00	20.51 -0.10 0.00	23.34 -0.12 0.00	24.88 -0.28 0.00	25.92 -0.29 0.00	27.21 -0.27 0.00	27.65 -0.25 0.00	27.01 -0.25 0.00	26.12 -0.26 0.00	26.04 -0.26 0.00	26.13 -0.26 0.00	26.43 -0.27 0.00	29.85 -0.33 0.00	36.42 -0.44 0.00	30.38 -0.34 0.00	28.23 -0.26 0.00	25.79 -0.21 0.00	24.12 -0.22 0.00	23.63 -0.14 0.00	22.50 -0.07 0.00
HAMLTNNY_34_KV_TB 80303	21.18 -0.09 0.00	20.12 -0.08 0.00	19.45 -0.06 0.00	18.98 -0.06 0.00	19.44 -0.06 0.00	20.57 -0.04 0.00	23.38 -0.07 0.00	24.93 -0.23 0.00	26.00 -0.21 0.00	27.26 -0.22 0.00	27.71 -0.20 0.00	27.07 -0.19 0.00	26.18 -0.21 0.00	26.09 -0.21 0.00	26.19 -0.21 0.00	26.49 -0.21 0.00	29.91 -0.27 0.00	36.45 -0.41 0.00	30.44 -0.28 0.00	28.31 -0.17 0.00	25.84 -0.16 0.00	24.17 -0.17 0.00	23.68 -0.10 0.00	22.55 -0.02 0.00

HAMPSHIRE___PAPER_HYD 323593	20.74 -0.53 0.00	19.70 -0.50 0.00	19.00 -0.51 0.00	18.53 -0.51 0.00	18.99 -0.51 0.00	20.10 -0.51 0.00	22.94 -0.52 0.00	24.71 -0.45 0.00	25.77 -0.45 0.00	27.04 -0.44 0.00	27.46 -0.45 0.00	26.69 -0.57 0.00	25.81 -0.58 0.00	25.72 -0.58 0.00	25.82 -0.58 0.00	26.14 -0.56 0.00	29.61 -0.57 0.00	36.23 -0.63 0.00	30.07 -0.65 0.00	27.88 -0.60 0.00	25.37 -0.62 0.00	23.85 -0.49 0.00	23.25 -0.52 0.00	22.01 -0.56 0.00
HARDSCRABBLE_WT_PWR 323673	21.33 0.06 0.00	20.29 0.08 0.00	19.59 0.08 0.00	19.12 0.08 0.00	19.58 0.08 0.00	20.72 0.10 0.00	23.55 0.09 0.00	25.28 0.13 0.00	26.37 0.16 0.00	27.62 0.14 0.00	27.99 0.08 0.00	27.40 0.14 0.00	26.49 0.11 0.00	26.41 0.11 0.00	26.50 0.11 0.00	26.78 0.08 0.00	30.31 0.12 0.00	37.05 0.19 0.00	30.81 0.09 0.00	28.51 0.03 0.00	26.00 0.00 0.00	24.34 0.00 0.00	23.80 0.02 0.00	22.55 -0.02 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.78 0.51 0.00	20.65 0.44 0.00	19.90 0.39 0.00	19.42 0.38 0.00	19.87 0.37 0.00	21.03 0.41 0.00	24.02 0.56 0.00	25.96 0.81 0.00	27.13 0.92 0.00	28.47 0.99 0.00	28.85 0.95 0.00	28.21 0.95 0.00	27.31 0.92 0.00	27.22 0.92 0.00	27.37 0.98 0.00	27.66 0.96 0.00	31.30 1.12 0.00	38.33 1.47 0.00	31.94 1.23 0.00	29.62 1.14 0.00	26.99 0.99 0.00	25.22 0.88 0.00	24.53 0.76 0.00	23.16 0.59 0.00
HARSNRAD_115KV_TB1 81005	20.86 -0.40 0.00	19.94 -0.26 0.00	19.41 -0.10 0.00	18.87 -0.17 0.00	19.42 -0.08 0.00	20.31 -0.31 0.00	22.94 -0.52 0.00	24.10 -1.06 0.00	25.29 -0.92 0.00	26.30 -1.18 0.00	26.68 -1.23 0.00	26.09 -1.17 0.00	25.20 -1.19 0.00	25.01 -1.29 0.00	25.08 -1.32 0.00	25.37 -1.34 0.00	28.31 -1.87 0.00	33.99 -2.88 0.00	28.93 -1.78 0.00	27.20 -1.28 0.00	24.91 -1.09 0.00	23.32 -1.02 0.00	22.92 -0.86 0.00	22.21 -0.36 0.00
HARZA MOOSE___RIVER 24016	21.35 0.09 0.00	20.27 0.06 0.00	19.55 0.04 0.00	19.08 0.04 0.00	19.54 0.04 0.00	20.72 0.10 0.00	23.62 0.16 0.00	25.41 0.25 0.00	26.53 0.31 0.00	27.81 0.33 0.00	28.18 0.28 0.00	27.42 0.16 0.00	26.52 0.13 0.00	26.44 0.13 0.00	26.56 0.16 0.00	26.89 0.19 0.00	30.46 0.27 0.00	37.23 0.37 0.00	30.93 0.22 0.00	28.66 0.17 0.00	26.10 0.10 0.00	24.56 0.22 0.00	23.96 0.19 0.00	22.69 0.11 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	21.03 -0.23 0.00	19.98 -0.22 0.00	19.32 -0.20 0.00	18.83 -0.21 0.00	19.31 -0.20 0.00	20.41 -0.21 0.00	23.19 -0.26 0.00	24.76 -0.40 0.00	25.79 -0.42 0.00	27.04 -0.44 0.00	27.48 -0.42 0.00	26.85 -0.41 0.00	25.97 -0.42 0.00	25.88 -0.42 0.00	25.98 -0.42 0.00	26.27 -0.43 0.00	29.61 -0.57 0.00	36.09 -0.77 0.00	30.10 -0.61 0.00	28.03 -0.46 0.00	25.61 -0.39 0.00	23.97 -0.37 0.00	23.49 -0.29 0.00	22.39 -0.18 0.00
HELLGATE_13_KV_LD 55870	22.15 0.87 -0.01	20.97 0.77 0.00	20.18 0.66 0.00	19.71 0.67 0.00	20.14 0.64 0.00	21.27 0.66 0.00	24.30 0.84 0.00	26.37 1.21 0.00	27.52 1.31 0.00	28.97 1.48 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.12 1.42 0.00	31.91 1.72 0.00	39.11 2.25 0.00	32.53 1.81 0.00	30.08 1.60 0.00	27.32 1.33 0.00	25.56 1.22 0.00	24.96 1.19 0.00	23.60 1.02 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.15 0.87 -0.01	20.97 0.77 0.00	20.18 0.66 0.00	19.71 0.67 0.00	20.14 0.64 0.00	21.27 0.66 0.00	24.30 0.84 0.00	26.37 1.21 0.00	27.52 1.31 0.00	28.97 1.48 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.12 1.42 0.00	31.91 1.72 0.00	39.11 2.25 0.00	32.53 1.81 0.00	30.08 1.60 0.00	27.32 1.33 0.00	25.56 1.22 0.00	24.96 1.19 0.00	23.60 1.02 -0.01
HEMPSTEAD____ 23647	23.25 1.04 -0.94	21.17 0.97 0.00	20.41 0.90 0.00	19.86 0.82 0.00	20.34 0.84 0.00	21.58 0.97 0.00	25.45 1.20 -0.80	28.12 1.59 -1.37	29.22 1.70 -1.31	32.92 1.84 -3.60	31.30 1.81 -1.58	31.07 1.80 -2.01	29.00 1.74 -0.87	29.14 1.74 -1.10	28.94 1.77 -0.78	30.08 1.82 -1.56	32.25 2.02 -0.04	40.21 2.69 -0.66	33.14 2.24 -0.19	30.56 1.99 -0.09	29.63 1.72 -1.92	27.93 1.46 -2.13	25.15 1.38 0.00	25.31 1.20 -1.55
HEWLETT__69_KV_BK3 55828	23.38 1.17 -0.94	21.28 1.07 0.00	20.45 0.94 0.00	19.93 0.89 0.00	20.42 0.92 0.00	21.62 1.01 0.00	25.54 1.29 -0.80	28.24 1.71 -1.37	29.38 1.86 -1.31	33.09 2.01 -3.60	31.46 1.98 -1.58	31.23 1.96 -2.01	29.18 1.93 -0.87	29.36 1.95 -1.10	29.15 1.98 -0.78	30.27 2.00 -1.56	32.55 2.32 -0.04	40.47 2.95 -0.66	33.33 2.43 -0.19	30.76 2.19 -0.09	29.84 1.92 -1.92	28.24 1.78 -2.13	25.32 1.55 0.00	25.47 1.35 -1.55
HICKLING___1 23621	21.61 0.34 0.00	20.55 0.34 0.00	19.88 0.37 0.00	19.40 0.36 0.00	19.87 0.37 0.00	21.01 0.39 0.00	23.83 0.38 0.00	25.38 0.23 0.00	26.55 0.34 0.00	27.73 0.25 0.00	28.15 0.25 0.00	27.50 0.25 0.00	26.57 0.18 0.00	26.41 0.11 0.00	26.50 0.11 0.00	26.83 0.13 0.00	30.18 0.00 0.00	36.60 -0.26 0.00	30.81 0.09 0.00	28.77 0.28 0.00	26.28 0.29 0.00	24.61 0.27 0.00	24.06 0.29 0.00	23.09 0.52 0.00
HICKLING___2 23622	21.61 0.34 0.00	20.55 0.34 0.00	19.88 0.37 0.00	19.40 0.36 0.00	19.87 0.37 0.00	21.01 0.39 0.00	23.83 0.38 0.00	25.38 0.23 0.00	26.55 0.34 0.00	27.73 0.25 0.00	28.15 0.25 0.00	27.50 0.25 0.00	26.57 0.18 0.00	26.41 0.11 0.00	26.50 0.11 0.00	26.83 0.13 0.00	30.18 0.00 0.00	36.60 -0.26 0.00	30.81 0.09 0.00	28.77 0.28 0.00	26.28 0.29 0.00	24.61 0.27 0.00	24.06 0.29 0.00	23.09 0.52 0.00
HIGH FALLS___HY 23754	21.93 0.66 0.00	20.77 0.57 0.00	20.00 0.49 0.00	19.50 0.46 0.00	19.95 0.45 0.00	21.09 0.47 0.00	24.13 0.68 0.00	26.04 0.88 0.00	27.29 1.07 0.00	28.64 1.15 0.00	29.02 1.12 0.00	28.35 1.09 0.00	27.47 1.08 0.00	27.36 1.05 0.00	27.53 1.14 0.00	27.82 1.12 0.00	31.54 1.36 0.00	38.59 1.73 0.00	32.19 1.47 0.00	29.85 1.37 0.00	27.17 1.17 0.00	25.39 1.05 0.00	24.70 0.93 0.00	23.29 0.72 0.00
HILLBURN___GT 23639	21.74 0.47 0.00	20.63 0.42 0.00	19.90 0.39 0.00	19.44 0.40 0.00	19.87 0.37 0.00	21.05 0.43 0.00	24.04 0.59 0.00	26.06 0.90 0.00	27.18 0.97 0.00	28.53 1.04 0.00	28.91 1.00 0.00	28.24 0.98 0.00	27.36 0.98 0.00	27.28 0.97 0.00	27.40 1.00 0.00	27.69 0.99 0.00	31.30 1.12 0.00	38.37 1.51 0.00	31.98 1.26 0.00	29.65 1.17 0.00	26.99 0.99 0.00	25.14 0.80 0.00	24.56 0.78 0.00	23.16 0.59 0.00
HILLSIDE_115KV_TB1 80332	21.33 0.06 0.00	20.29 0.08 0.00	19.65 0.14 0.00	19.17 0.13 0.00	19.64 0.14 0.00	20.76 0.14 0.00	23.55 0.09 0.00	25.11 -0.05 0.00	26.21 0.00 0.00	27.40 -0.08 0.00	27.79 -0.11 0.00	27.15 -0.13 0.00	26.26 -0.11 0.00	26.07 -0.24 0.00	26.19 -0.21 0.00	26.46 -0.24 0.00	29.79 -0.39 0.00	36.12 -0.74 0.00	30.41 -0.31 0.00	28.40 -0.09 0.00	25.95 -0.05 0.00	24.32 -0.02 0.00	23.77 0.00 0.00	22.80 0.23 0.00

HISHELDN_WT_PWR 323625	21.18 -0.08 0.00	20.14 -0.06 0.00	19.59 0.08 0.00	19.10 0.06 0.00	19.64 0.14 0.00	20.64 0.02 0.00	23.41 -0.05 0.00	24.71 -0.45 0.00	25.77 -0.45 0.00	26.80 -0.69 0.00	27.21 -0.70 0.00	26.58 -0.68 0.00	25.65 -0.74 0.00	25.44 -0.87 0.00	25.53 -0.87 0.00	25.85 -0.86 0.00	29.07 -1.12 0.00	34.80 -2.06 0.00	29.49 -1.23 0.00	27.69 -0.80 0.00	25.43 -0.57 0.00	23.76 -0.58 0.00	23.27 -0.50 0.00	22.55 -0.02 0.00
HOLTSVILLE_IC_1 23690	23.57 1.36 -0.94	21.52 1.31 0.00	20.72 1.21 0.00	20.10 1.07 0.00	20.63 1.13 0.00	21.91 1.30 0.00	25.76 1.50 -0.80	28.42 1.89 -1.37	29.54 2.02 -1.31	33.36 2.28 -3.60	31.77 2.29 -1.58	31.51 2.24 -2.01	29.18 1.93 -0.87	29.36 1.95 -1.10	29.15 1.98 -0.78	30.24 1.98 -1.56	32.37 2.14 -0.04	40.69 3.17 -0.66	33.39 2.49 -0.19	30.76 2.19 -0.09	29.76 1.85 -1.92	28.03 1.56 -2.13	25.20 1.43 0.00	25.56 1.45 -1.55
HOLTSVILLE_IC_10 23699	23.68 1.47 -0.94	21.62 1.41 0.00	20.82 1.31 0.00	20.20 1.16 0.00	20.73 1.23 0.00	22.04 1.42 0.00	25.89 1.64 -0.80	28.54 2.01 -1.37	29.69 2.17 -1.31	33.53 2.45 -3.60	31.97 2.48 -1.58	31.70 2.43 -2.01	29.32 2.06 -0.87	29.49 2.08 -1.10	29.31 2.14 -0.78	30.37 2.11 -1.56	32.55 2.32 -0.04	40.95 3.43 -0.66	33.57 2.67 -0.19	30.93 2.36 -0.09	29.92 2.00 -1.92	28.15 1.68 -2.13	25.32 1.54 0.00	25.70 1.58 -1.55
HOLTSVILLE_IC_2 23691	23.57 1.36 -0.94	21.52 1.31 0.00	20.72 1.21 0.00	20.10 1.07 0.00	20.63 1.13 0.00	21.91 1.30 0.00	25.76 1.50 -0.80	28.42 1.89 -1.37	29.54 2.02 -1.31	33.36 2.28 -3.60	31.77 2.29 -1.58	31.51 2.24 -2.01	29.18 1.93 -0.87	29.36 1.95 -1.10	29.15 1.98 -0.78	30.24 1.98 -1.56	32.37 2.14 -0.04	40.69 3.17 -0.66	33.39 2.49 -0.19	30.76 2.19 -0.09	29.76 1.85 -1.92	28.03 1.56 -2.13	25.20 1.43 0.00	25.56 1.45 -1.55
HOLTSVILLE_IC_3 23692	23.57 1.36 -0.94	21.52 1.31 0.00	20.72 1.21 0.00	20.10 1.07 0.00	20.63 1.13 0.00	21.91 1.30 0.00	25.76 1.50 -0.80	28.42 1.89 -1.37	29.54 2.02 -1.31	33.36 2.28 -3.60	31.77 2.29 -1.58	31.51 2.24 -2.01	29.18 1.93 -0.87	29.36 1.95 -1.10	29.15 1.98 -0.78	30.24 1.98 -1.56	32.37 2.14 -0.04	40.69 3.17 -0.66	33.39 2.49 -0.19	30.76 2.19 -0.09	29.76 1.85 -1.92	28.03 1.56 -2.13	25.20 1.43 0.00	25.56 1.45 -1.55
HOLTSVILLE_IC_4 23693	23.57 1.36 -0.94	21.52 1.31 0.00	20.72 1.21 0.00	20.10 1.07 0.00	20.63 1.13 0.00	21.91 1.30 0.00	25.76 1.50 -0.80	28.42 1.89 -1.37	29.54 2.02 -1.31	33.36 2.28 -3.60	31.77 2.29 -1.58	31.51 2.24 -2.01	29.18 1.93 -0.87	29.36 1.95 -1.10	29.15 1.98 -0.78	30.24 1.98 -1.56	32.37 2.14 -0.04	40.69 3.17 -0.66	33.39 2.49 -0.19	30.76 2.19 -0.09	29.76 1.85 -1.92	28.03 1.56 -2.13	25.20 1.43 0.00	25.56 1.45 -1.55
HOLTSVILLE_IC_5 23694	23.57 1.36 -0.94	21.52 1.31 0.00	20.72 1.21 0.00	20.10 1.07 0.00	20.63 1.13 0.00	21.91 1.30 0.00	25.76 1.50 -0.80	28.42 1.89 -1.37	29.54 2.02 -1.31	33.36 2.28 -3.60	31.77 2.29 -1.58	31.51 2.24 -2.01	29.18 1.93 -0.87	29.36 1.95 -1.10	29.15 1.98 -0.78	30.24 1.98 -1.56	32.37 2.14 -0.04	40.69 3.17 -0.66	33.39 2.49 -0.19	30.76 2.19 -0.09	29.76 1.85 -1.92	28.03 1.56 -2.13	25.20 1.43 0.00	25.56 1.45 -1.55
HOLTSVILLE_IC_6 23695	23.68 1.47 -0.94	21.62 1.41 0.00	20.82 1.31 0.00	20.20 1.16 0.00	20.73 1.23 0.00	22.04 1.42 0.00	25.89 1.64 -0.80	28.54 2.01 -1.37	29.69 2.17 -1.31	33.53 2.45 -3.60	31.97 2.48 -1.58	31.70 2.43 -2.01	29.32 2.06 -0.87	29.49 2.08 -1.10	29.31 2.14 -0.78	30.37 2.11 -1.56	32.55 2.32 -0.04	40.95 3.43 -0.66	33.57 2.67 -0.19	30.93 2.36 -0.09	29.92 2.00 -1.92	28.15 1.68 -2.13	25.32 1.54 0.00	25.70 1.58 -1.55
HOLTSVILLE_IC_7 23696	23.68 1.47 -0.94	21.62 1.41 0.00	20.82 1.31 0.00	20.20 1.16 0.00	20.73 1.23 0.00	22.04 1.42 0.00	25.89 1.64 -0.80	28.54 2.01 -1.37	29.69 2.17 -1.31	33.53 2.45 -3.60	31.97 2.48 -1.58	31.70 2.43 -2.01	29.32 2.06 -0.87	29.49 2.08 -1.10	29.31 2.14 -0.78	30.37 2.11 -1.56	32.55 2.32 -0.04	40.95 3.43 -0.66	33.57 2.67 -0.19	30.93 2.36 -0.09	29.92 2.00 -1.92	28.15 1.68 -2.13	25.32 1.54 0.00	25.70 1.58 -1.55
HOLTSVILLE_IC_8 23697	23.68 1.47 -0.94	21.62 1.41 0.00	20.82 1.31 0.00	20.20 1.16 0.00	20.73 1.23 0.00	22.04 1.42 0.00	25.89 1.64 -0.80	28.54 2.01 -1.37	29.69 2.17 -1.31	33.53 2.45 -3.60	31.97 2.48 -1.58	31.70 2.43 -2.01	29.32 2.06 -0.87	29.49 2.08 -1.10	29.31 2.14 -0.78	30.37 2.11 -1.56	32.55 2.32 -0.04	40.95 3.43 -0.66	33.57 2.67 -0.19	30.93 2.36 -0.09	29.92 2.00 -1.92	28.15 1.68 -2.13	25.32 1.54 0.00	25.70 1.58 -1.55
HOLTSVILLE_IC_9 23698	23.68 1.47 -0.94	21.62 1.41 0.00	20.82 1.31 0.00	20.20 1.16 0.00	20.73 1.23 0.00	22.04 1.42 0.00	25.89 1.64 -0.80	28.54 2.01 -1.37	29.69 2.17 -1.31	33.53 2.45 -3.60	31.97 2.48 -1.58	31.70 2.43 -2.01	29.32 2.06 -0.87	29.49 2.08 -1.10	29.31 2.14 -0.78	30.37 2.11 -1.56	32.55 2.32 -0.04	40.95 3.43 -0.66	33.57 2.67 -0.19	30.93 2.36 -0.09	29.92 2.00 -1.92	28.15 1.68 -2.13	25.32 1.54 0.00	25.70 1.58 -1.55
HOMER_HL_115KV_TB2 355744	21.71 0.45 0.00	20.71 0.51 0.00	20.12 0.60 0.00	19.65 0.61 0.00	20.11 0.60 0.00	21.21 0.60 0.00	24.06 0.61 0.00	25.43 0.28 0.00	26.63 0.42 0.00	27.70 0.22 0.00	28.10 0.20 0.00	27.45 0.19 0.00	26.52 0.13 0.00	26.25 -0.05 0.00	26.35 -0.05 0.00	26.62 -0.08 0.00	29.76 -0.42 0.00	35.94 -0.92 0.00	30.47 -0.25 0.00	28.63 0.14 0.00	26.23 0.23 0.00	24.61 0.27 0.00	24.11 0.33 0.00	23.32 0.74 0.00
HOWARD_WT_PWR 323690	21.72 0.45 0.00	20.59 0.38 0.00	19.98 0.47 0.00	19.46 0.42 0.00	19.99 0.49 0.00	21.11 0.49 0.00	23.99 0.54 0.00	25.54 0.38 0.00	26.63 0.42 0.00	27.76 0.27 0.00	28.21 0.31 0.00	27.53 0.27 0.00	26.57 0.19 0.00	26.38 0.08 0.00	26.48 0.08 0.00	26.86 0.16 0.00	30.31 0.12 0.00	36.46 -0.40 0.00	30.68 -0.03 0.00	28.69 0.20 0.00	26.28 0.29 0.00	24.51 0.17 0.00	23.92 0.14 0.00	23.07 0.50 0.00
HQ_GEN_CEDARS 23644	21.46 0.19 0.00	20.41 0.20 0.00	19.71 0.20 0.00	19.23 0.19 0.00	19.68 0.18 0.00	20.80 0.19 0.00	23.66 0.21 0.00	25.46 0.30 0.00	26.53 0.31 0.00	27.84 0.36 0.00	28.27 0.36 0.00	27.59 0.33 0.00	26.70 0.32 0.00	26.59 0.29 0.00	26.66 0.26 0.00	27.00 0.29 0.00	30.52 0.33 0.00	37.27 0.41 0.00	31.02 0.31 0.00	28.77 0.28 0.00	26.21 0.21 0.00	24.53 0.19 0.00	23.96 0.19 0.00	22.73 0.16 0.00
HQ_GEN_CEDARS_PROXY 323590	21.46 0.19 0.00	20.41 0.20 0.00	19.71 0.20 0.00	19.23 0.19 0.00	19.68 0.18 0.00	20.80 0.19 0.00	23.66 0.21 0.00	25.46 0.30 0.00	26.53 0.32 0.00	27.84 0.36 0.00	28.26 0.36 0.00	27.59 0.33 0.00	26.71 0.32 0.00	26.59 0.29 0.00	26.66 0.26 0.00	27.00 0.29 0.00	30.49 0.30 0.00	37.27 0.41 0.00	31.02 0.31 0.00	28.77 0.28 0.00	26.20 0.21 0.00	24.53 0.19 0.00	23.96 0.19 0.00	22.73 0.16 0.00

HQ_GEN_IMPORT 323601	21.35 0.09 0.00	20.29 0.08 0.00	19.59 0.08 0.00	19.12 0.08 0.00	19.58 0.08 0.00	20.68 0.06 0.00	23.55 0.09 0.00	25.26 0.10 0.00	26.32 0.11 0.00	27.62 0.14 0.00	28.04 0.14 0.00	27.37 0.11 0.00	26.49 0.11 0.00	26.41 0.11 0.00	26.48 0.08 0.00	26.78 0.08 0.00	30.28 0.09 0.00	37.01 0.15 0.00	30.84 0.12 0.00	28.57 0.09 0.00	26.08 0.08 0.00	24.39 0.05 0.00	23.84 0.07 0.00	22.62 0.05 0.00
HQ_GEN_WHEEL 23651	21.35 0.09 0.00	20.29 0.08 0.00	19.59 0.08 0.00	19.12 0.08 0.00	19.58 0.08 0.00	20.68 0.06 0.00	23.55 0.09 0.00	25.26 0.10 0.00	26.32 0.11 0.00	27.62 0.14 0.00	28.04 0.14 0.00	27.37 0.11 0.00	26.49 0.11 0.00	26.41 0.11 0.00	26.48 0.08 0.00	26.78 0.08 0.00	30.28 0.09 0.00	37.01 0.15 0.00	30.84 0.12 0.00	28.57 0.09 0.00	26.08 0.08 0.00	24.39 0.05 0.00	23.84 0.07 0.00	22.62 0.05 0.00
HUDSON AVE_GT_3 23810	21.99 0.72 0.00	20.85 0.65 0.00	20.06 0.55 0.00	19.59 0.55 0.00	20.05 0.55 0.00	21.19 0.58 0.00	24.25 0.80 0.00	26.37 1.21 0.00	27.57 1.36 0.00	29.00 1.51 0.00	29.33 1.42 0.00	28.68 1.42 0.00	27.79 1.40 0.00	27.72 1.42 0.00	27.82 1.43 0.00	28.17 1.47 0.00	31.94 1.75 0.00	39.11 2.25 0.00	32.56 1.84 0.00	30.14 1.65 0.00	27.38 1.38 0.00	25.58 1.24 0.00	24.89 1.12 0.00	23.45 0.88 0.00
HUDSON AVE_GT_4 23540	21.99 0.72 0.00	20.85 0.65 0.00	20.06 0.55 0.00	19.59 0.55 0.00	20.05 0.55 0.00	21.19 0.58 0.00	24.25 0.80 0.00	26.37 1.21 0.00	27.57 1.36 0.00	29.00 1.51 0.00	29.33 1.42 0.00	28.68 1.42 0.00	27.79 1.40 0.00	27.72 1.42 0.00	27.82 1.43 0.00	28.17 1.47 0.00	31.94 1.75 0.00	39.11 2.25 0.00	32.56 1.84 0.00	30.14 1.65 0.00	27.38 1.38 0.00	25.58 1.24 0.00	24.89 1.12 0.00	23.45 0.88 0.00
HUDSON AVE_GT_5 23657	21.99 0.72 0.00	20.85 0.65 0.00	20.06 0.55 0.00	19.59 0.55 0.00	20.05 0.55 0.00	21.19 0.58 0.00	24.25 0.80 0.00	26.37 1.21 0.00	27.57 1.36 0.00	29.00 1.51 0.00	29.33 1.42 0.00	28.68 1.42 0.00	27.79 1.40 0.00	27.72 1.42 0.00	27.82 1.43 0.00	28.17 1.47 0.00	31.94 1.75 0.00	39.11 2.25 0.00	32.56 1.84 0.00	30.14 1.65 0.00	27.38 1.38 0.00	25.58 1.24 0.00	24.89 1.12 0.00	23.45 0.88 0.00
HUDSON_AVE_10 24168	21.95 0.68 0.00	20.79 0.59 0.00	20.00 0.49 0.00	19.53 0.50 0.00	19.99 0.49 0.00	21.15 0.54 0.00	24.20 0.75 0.00	26.34 1.18 0.00	27.52 1.31 0.00	28.97 1.48 0.00	29.30 1.40 0.00	28.62 1.36 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.12 1.42 0.00	31.91 1.72 0.00	39.07 2.21 0.00	32.53 1.81 0.00	30.11 1.62 0.00	27.35 1.35 0.00	25.53 1.19 0.00	24.84 1.07 0.00	23.41 0.84 0.00
HUDSON___115KV_TB 4 355613	21.95 0.68 0.00	20.85 0.65 0.00	20.14 0.62 0.00	19.65 0.61 0.00	20.13 0.62 0.00	21.27 0.66 0.00	24.13 0.68 0.00	25.94 0.78 0.00	26.87 0.66 0.00	28.12 0.63 0.00	28.57 0.67 0.00	27.91 0.65 0.00	27.02 0.63 0.00	27.01 0.71 0.00	27.14 0.74 0.00	27.50 0.80 0.00	31.18 1.00 0.00	38.11 1.25 0.00	31.73 1.01 0.00	29.28 0.80 0.00	26.78 0.78 0.00	25.07 0.73 0.00	24.39 0.62 0.00	23.07 0.50 0.00
HUNTER MOUNT___DRP 323613	22.08 0.81 0.00	20.97 0.77 0.00	20.25 0.74 0.00	19.76 0.72 0.00	20.24 0.74 0.00	21.38 0.76 0.00	24.25 0.80 0.00	25.96 0.81 0.00	26.89 0.68 0.00	28.12 0.63 0.00	28.57 0.67 0.00	27.91 0.65 0.00	27.02 0.63 0.00	26.99 0.68 0.00	27.14 0.74 0.00	27.53 0.83 0.00	31.21 1.03 0.00	38.15 1.29 0.00	31.79 1.08 0.00	29.34 0.85 0.00	26.83 0.83 0.00	25.12 0.78 0.00	24.44 0.67 0.00	23.11 0.54 0.00
HUNTINGTON_RES_REC 323705	23.59 1.38 -0.94	21.50 1.29 0.00	20.70 1.19 0.00	20.12 1.08 0.00	20.63 1.13 0.00	21.91 1.30 0.00	25.80 1.55 -0.80	28.49 1.96 -1.37	29.62 2.10 -1.31	33.28 2.20 -3.60	31.58 2.09 -1.58	31.34 2.07 -2.01	29.32 2.06 -0.87	29.51 2.11 -1.10	29.31 2.14 -0.78	30.35 2.08 -1.56	32.52 2.29 -0.04	40.55 3.02 -0.66	33.39 2.49 -0.19	30.85 2.28 -0.09	29.92 2.00 -1.92	28.20 1.73 -2.13	25.37 1.59 0.00	25.63 1.51 -1.55
HUNTLEY___63 23557	21.01 -0.26 0.00	20.06 -0.14 0.00	19.53 0.02 0.00	19.02 -0.02 0.00	19.52 0.02 0.00	20.47 -0.14 0.00	23.12 -0.33 0.00	24.28 -0.88 0.00	25.48 -0.73 0.00	26.50 -0.99 0.00	26.87 -1.03 0.00	26.30 -0.95 0.00	25.41 -0.98 0.00	25.20 -1.10 0.00	25.26 -1.14 0.00	25.55 -1.15 0.00	28.52 -1.66 0.00	34.28 -2.58 0.00	29.15 -1.57 0.00	27.43 -1.05 0.00	25.09 -0.91 0.00	23.49 -0.85 0.00	23.08 -0.69 0.00	22.37 -0.20 0.00
HUNTLEY___64 23558	21.01 -0.26 0.00	20.06 -0.14 0.00	19.53 0.02 0.00	19.02 -0.02 0.00	19.52 0.02 0.00	20.47 -0.14 0.00	23.12 -0.33 0.00	24.28 -0.88 0.00	25.48 -0.73 0.00	26.50 -0.99 0.00	26.87 -1.03 0.00	26.30 -0.95 0.00	25.41 -0.98 0.00	25.20 -1.10 0.00	25.26 -1.14 0.00	25.55 -1.15 0.00	28.52 -1.66 0.00	34.28 -2.58 0.00	29.15 -1.57 0.00	27.43 -1.05 0.00	25.09 -0.91 0.00	23.49 -0.85 0.00	23.08 -0.69 0.00	22.37 -0.20 0.00
HUNTLEY___65 23559	21.01 -0.26 0.00	20.06 -0.14 0.00	19.53 0.02 0.00	19.02 -0.02 0.00	19.52 0.02 0.00	20.47 -0.14 0.00	23.12 -0.33 0.00	24.28 -0.88 0.00	25.48 -0.73 0.00	26.50 -0.99 0.00	26.87 -1.03 0.00	26.30 -0.95 0.00	25.41 -0.98 0.00	25.20 -1.10 0.00	25.26 -1.14 0.00	25.55 -1.15 0.00	28.52 -1.66 0.00	34.28 -2.58 0.00	29.15 -1.57 0.00	27.43 -1.05 0.00	25.09 -0.91 0.00	23.49 -0.85 0.00	23.08 -0.69 0.00	22.37 -0.20 0.00
HUNTLEY___66 23560	21.01 -0.26 0.00	20.06 -0.14 0.00	19.53 0.02 0.00	19.02 -0.02 0.00	19.52 0.02 0.00	20.47 -0.14 0.00	23.12 -0.33 0.00	24.28 -0.88 0.00	25.48 -0.73 0.00	26.50 -0.99 0.00	26.87 -1.03 0.00	26.30 -0.95 0.00	25.41 -0.98 0.00	25.20 -1.10 0.00	25.26 -1.14 0.00	25.55 -1.15 0.00	28.52 -1.66 0.00	34.28 -2.58 0.00	29.15 -1.57 0.00	27.43 -1.05 0.00	25.09 -0.91 0.00	23.49 -0.85 0.00	23.08 -0.69 0.00	22.37 -0.20 0.00
HUNTLEY___67 23561	20.95 -0.32 0.00	20.00 -0.20 0.00	19.47 -0.04 0.00	18.94 -0.10 0.00	19.46 -0.04 0.00	20.41 -0.21 0.00	23.08 -0.38 0.00	24.25 -0.91 0.00	25.42 -0.79 0.00	26.44 -1.04 0.00	26.81 -1.09 0.00	26.25 -1.01 0.00	25.33 -1.06 0.00	25.15 -1.16 0.00	25.21 -1.19 0.00	25.50 -1.20 0.00	28.43 -1.75 0.00	34.17 -2.69 0.00	29.09 -1.63 0.00	27.35 -1.14 0.00	25.04 -0.96 0.00	23.46 -0.88 0.00	23.04 -0.74 0.00	22.32 -0.25 0.00
HUNTLEY___68 23562	20.95 -0.32 0.00	20.00 -0.20 0.00	19.47 -0.04 0.00	18.94 -0.10 0.00	19.46 -0.04 0.00	20.41 -0.21 0.00	23.08 -0.38 0.00	24.25 -0.91 0.00	25.42 -0.79 0.00	26.44 -1.04 0.00	26.81 -1.09 0.00	26.25 -1.01 0.00	25.33 -1.06 0.00	25.15 -1.16 0.00	25.21 -1.19 0.00	25.50 -1.20 0.00	28.43 -1.75 0.00	34.17 -2.69 0.00	29.09 -1.63 0.00	27.35 -1.14 0.00	25.04 -0.96 0.00	23.46 -0.88 0.00	23.04 -0.74 0.00	22.32 -0.25 0.00

HYLAND___LFGE 323620	22.18 0.91 0.00	20.99 0.79 0.00	20.35 0.84 0.00	19.82 0.78 0.00	20.42 0.92 0.00	21.52 0.91 0.00	24.44 0.98 0.00	26.14 0.98 0.00	27.23 1.02 0.00	28.39 0.91 0.00	28.71 0.81 0.00	28.05 0.79 0.00	27.10 0.71 0.00	26.88 0.58 0.00	27.06 0.66 0.00	27.56 0.85 0.00	31.27 1.09 0.00	37.82 0.96 0.00	31.85 1.14 0.00	29.71 1.22 0.00	27.32 1.33 0.00	25.29 0.95 0.00	24.70 0.93 0.00	23.63 1.06 0.00
INDECK___CORINTH 23802	22.16 0.89 0.00	21.01 0.81 0.00	20.29 0.78 0.00	19.80 0.76 0.00	20.30 0.80 0.00	21.50 0.89 0.00	24.46 1.01 0.00	26.41 1.26 0.00	27.57 1.36 0.00	28.97 1.48 0.00	29.44 1.53 0.00	28.76 1.50 0.00	27.81 1.42 0.00	27.80 1.50 0.00	27.88 1.48 0.00	28.28 1.57 0.00	32.00 1.81 0.00	39.15 2.29 0.00	32.56 1.84 0.00	30.02 1.54 0.00	27.37 1.38 0.00	25.56 1.22 0.00	24.87 1.09 0.00	23.56 0.99 0.00
INDECK___ILION 23567	21.35 0.09 0.00	20.29 0.08 0.00	19.59 0.08 0.00	19.12 0.08 0.00	19.58 0.08 0.00	20.72 0.10 0.00	23.57 0.12 0.00	25.31 0.15 0.00	26.37 0.16 0.00	27.65 0.16 0.00	28.01 0.11 0.00	27.42 0.16 0.00	26.55 0.16 0.00	26.46 0.16 0.00	26.56 0.16 0.00	26.86 0.16 0.00	30.40 0.21 0.00	37.16 0.29 0.00	30.90 0.18 0.00	28.63 0.14 0.00	26.13 0.13 0.00	24.46 0.12 0.00	23.87 0.10 0.00	22.64 0.07 0.00
INDECK___OLEAN 23982	21.76 0.49 0.00	20.71 0.51 0.00	20.14 0.62 0.00	19.65 0.61 0.00	20.16 0.66 0.00	21.29 0.68 0.00	24.20 0.75 0.00	25.56 0.40 0.00	26.63 0.42 0.00	27.68 0.19 0.00	28.10 0.20 0.00	27.45 0.19 0.00	26.52 0.13 0.00	26.25 -0.05 0.00	26.35 -0.05 0.00	26.62 -0.08 0.00	29.85 -0.33 0.00	35.94 -0.92 0.00	30.47 -0.25 0.00	28.63 0.14 0.00	26.31 0.31 0.00	24.58 0.24 0.00	24.11 0.33 0.00	23.34 0.77 0.00
INDECK___OSWEGO 23783	20.74 -0.53 0.00	19.70 -0.50 0.00	19.04 -0.47 0.00	18.56 -0.48 0.00	19.03 -0.47 0.00	20.12 -0.49 0.00	22.89 -0.56 0.00	24.38 -0.78 0.00	25.37 -0.84 0.00	26.60 -0.88 0.00	27.04 -0.87 0.00	26.41 -0.85 0.00	25.54 -0.85 0.00	25.46 -0.84 0.00	25.58 -0.82 0.00	25.87 -0.83 0.00	29.25 -0.94 0.00	35.64 -1.22 0.00	29.73 -0.98 0.00	27.60 -0.88 0.00	25.24 -0.75 0.00	23.73 -0.61 0.00	23.18 -0.59 0.00	22.10 -0.48 0.00
INDECK___YERKES 23781	21.03 -0.23 0.00	20.08 -0.12 0.00	19.57 0.06 0.00	19.04 0.00 0.00	19.62 0.12 0.00	20.55 -0.06 0.00	23.24 -0.21 0.00	24.43 -0.73 0.00	25.50 -0.71 0.00	26.52 -0.96 0.00	26.90 -1.00 0.00	26.33 -0.93 0.00	25.44 -0.95 0.00	25.22 -1.08 0.00	25.29 -1.11 0.00	25.58 -1.12 0.00	28.77 -1.42 0.00	34.32 -2.54 0.00	29.18 -1.53 0.00	27.46 -1.02 0.00	25.22 -0.78 0.00	23.58 -0.75 0.00	23.08 -0.69 0.00	22.42 -0.16 0.00
INDIAN POINT_GT_1 24139	21.82 0.55 0.00	20.71 0.51 0.00	19.94 0.43 0.00	19.48 0.44 0.00	19.91 0.41 0.00	21.07 0.45 0.00	24.06 0.61 0.00	26.11 0.96 0.00	27.26 1.05 0.00	28.64 1.15 0.00	29.02 1.12 0.00	28.38 1.12 0.00	27.50 1.11 0.00	27.41 1.10 0.00	27.53 1.14 0.00	27.85 1.15 0.00	31.54 1.36 0.00	38.59 1.73 0.00	32.16 1.44 0.00	29.77 1.28 0.00	27.12 1.12 0.00	25.34 1.00 0.00	24.63 0.86 0.00	23.25 0.68 0.00
INDIAN POINT_GT_2 23659	21.82 0.55 0.00	20.71 0.51 0.00	19.94 0.43 0.00	19.48 0.44 0.00	19.91 0.41 0.00	21.07 0.45 0.00	24.06 0.61 0.00	26.11 0.96 0.00	27.26 1.05 0.00	28.64 1.15 0.00	29.02 1.12 0.00	28.38 1.12 0.00	27.50 1.11 0.00	27.41 1.10 0.00	27.53 1.14 0.00	27.85 1.15 0.00	31.54 1.36 0.00	38.59 1.73 0.00	32.16 1.44 0.00	29.77 1.28 0.00	27.12 1.12 0.00	25.34 1.00 0.00	24.63 0.86 0.00	23.25 0.68 0.00
INDIAN POINT_GT_3 24019	21.82 0.55 0.00	20.71 0.51 0.00	19.94 0.43 0.00	19.48 0.44 0.00	19.91 0.41 0.00	21.07 0.45 0.00	24.06 0.61 0.00	26.11 0.96 0.00	27.26 1.05 0.00	28.64 1.15 0.00	29.02 1.12 0.00	28.38 1.12 0.00	27.50 1.11 0.00	27.41 1.10 0.00	27.53 1.14 0.00	27.85 1.15 0.00	31.54 1.36 0.00	38.59 1.73 0.00	32.16 1.44 0.00	29.77 1.28 0.00	27.12 1.12 0.00	25.34 1.00 0.00	24.63 0.86 0.00	23.25 0.68 0.00
INDIAN POINT___2 23530	21.76 0.49 0.00	20.65 0.44 0.00	19.92 0.41 0.00	19.44 0.40 0.00	19.89 0.39 0.00	21.07 0.45 0.00	24.04 0.59 0.00	26.09 0.93 0.00	27.21 1.00 0.00	28.56 1.07 0.00	28.94 1.03 0.00	28.29 1.04 0.00	27.42 1.03 0.00	27.33 1.02 0.00	27.43 1.03 0.00	27.74 1.04 0.00	31.36 1.18 0.00	38.48 1.62 0.00	32.04 1.32 0.00	29.68 1.20 0.00	26.99 0.99 0.00	25.14 0.80 0.00	24.58 0.81 0.00	23.18 0.61 0.00
INDIAN POINT___3 23531	21.88 0.62 0.00	20.77 0.57 0.00	20.00 0.49 0.00	19.53 0.50 0.00	19.99 0.49 0.00	21.13 0.52 0.00	24.13 0.68 0.00	26.19 1.03 0.00	27.34 1.13 0.00	28.75 1.26 0.00	29.10 1.20 0.00	28.46 1.20 0.00	27.58 1.19 0.00	27.51 1.21 0.00	27.61 1.21 0.00	27.93 1.23 0.00	31.66 1.48 0.00	38.74 1.88 0.00	32.25 1.54 0.00	29.85 1.37 0.00	27.19 1.20 0.00	25.41 1.07 0.00	24.70 0.93 0.00	23.32 0.74 0.00
INGHAM_C_115KV_TB7 356103	21.33 0.06 0.00	20.27 0.06 0.00	19.57 0.06 0.00	19.10 0.06 0.00	19.58 0.08 0.00	20.70 0.08 0.00	23.55 0.09 0.00	25.28 0.13 0.00	26.34 0.13 0.00	27.62 0.14 0.00	27.96 0.06 0.00	27.40 0.14 0.00	26.49 0.11 0.00	26.41 0.11 0.00	26.50 0.11 0.00	26.78 0.08 0.00	30.34 0.15 0.00	37.04 0.18 0.00	30.84 0.12 0.00	28.54 0.06 0.00	26.02 0.03 0.00	24.36 0.02 0.00	23.80 0.02 0.00	22.55 -0.02 0.00
IP CORINTH___1 23988	22.16 0.89 0.00	21.01 0.81 0.00	20.29 0.78 0.00	19.80 0.76 0.00	20.30 0.80 0.00	21.52 0.91 0.00	24.48 1.03 0.00	26.42 1.26 0.00	27.57 1.36 0.00	28.97 1.48 0.00	29.44 1.53 0.00	28.76 1.50 0.00	27.81 1.42 0.00	27.80 1.50 0.00	27.88 1.48 0.00	28.28 1.58 0.00	32.00 1.81 0.00	39.15 2.29 0.00	32.56 1.84 0.00	30.02 1.54 0.00	27.43 1.43 0.00	25.63 1.29 0.00	24.87 1.09 0.00	23.57 0.99 0.00
IP___TICONDEROGA 23804	22.82 1.55 0.00	21.60 1.39 0.00	20.86 1.35 0.00	20.37 1.33 0.00	20.89 1.38 0.00	22.18 1.57 0.00	25.21 1.76 0.00	27.27 2.11 0.00	28.52 2.31 0.00	29.99 2.50 0.00	30.47 2.57 0.00	29.79 2.54 0.00	28.79 2.40 0.00	28.78 2.47 0.00	28.85 2.46 0.00	29.29 2.59 0.00	33.14 2.96 0.00	40.55 3.69 0.00	33.76 3.04 0.00	31.05 2.56 0.00	28.34 2.34 0.00	26.46 2.12 0.00	25.63 1.85 0.00	24.29 1.72 0.00
ISLIP_RES_REC 323679	23.76 1.55 -0.94	21.70 1.50 0.00	20.90 1.39 0.00	20.28 1.24 0.00	20.81 1.31 0.00	22.12 1.50 0.00	25.99 1.74 -0.80	28.67 2.14 -1.37	29.83 2.31 -1.31	33.67 2.58 -3.60	32.14 2.65 -1.58	31.83 2.56 -2.01	29.44 2.19 -0.87	29.64 2.23 -1.10	29.47 2.30 -0.78	30.51 2.24 -1.56	32.70 2.48 -0.04	41.17 3.65 -0.66	33.76 2.86 -0.19	31.08 2.51 -0.09	30.05 2.13 -1.92	28.27 1.80 -2.13	25.41 1.64 0.00	25.79 1.67 -1.55

JAMAICA__27_KV_LOAD 355505	22.03 0.77 0.00	20.85 0.65 0.00	20.06 0.55 0.00	19.59 0.55 0.00	20.05 0.55 0.00	21.23 0.62 0.00	24.34 0.89 0.00	26.52 1.36 0.00	27.73 1.52 0.00	29.19 1.70 0.00	29.49 1.59 0.00	28.84 1.58 0.00	27.94 1.56 0.00	27.88 1.58 0.00	27.98 1.58 0.00	28.33 1.63 0.00	32.18 1.99 0.00	39.44 2.58 0.00	32.83 2.12 0.00	30.39 1.91 0.00	27.58 1.59 0.00	25.73 1.39 0.00	25.01 1.24 0.00	23.52 0.95 0.00
JANIS__SOLAR 323808	22.31 1.04 0.00	21.17 0.97 0.00	20.43 0.92 0.00	19.92 0.88 0.00	20.42 0.92 0.00	21.65 1.03 0.00	24.65 1.20 0.00	26.44 1.28 0.00	27.57 1.36 0.00	28.94 1.46 0.00	29.38 1.48 0.00	28.65 1.39 0.00	27.65 1.27 0.00	27.54 1.24 0.00	27.72 1.32 0.00	28.09 1.39 0.00	31.87 1.69 0.00	38.92 2.06 0.00	32.47 1.75 0.00	30.16 1.68 0.00	27.53 1.53 0.00	25.73 1.39 0.00	25.01 1.24 0.00	23.77 1.20 0.00
JARVIS____ 23743	21.29 0.02 0.00	20.23 0.02 0.00	19.53 0.02 0.00	19.06 0.02 0.00	19.52 0.02 0.00	20.64 0.02 0.00	23.48 0.02 0.00	25.21 0.05 0.00	26.26 0.05 0.00	27.54 0.06 0.00	27.96 0.06 0.00	27.31 0.05 0.00	26.44 0.05 0.00	26.36 0.05 0.00	26.45 0.05 0.00	26.75 0.05 0.00	30.28 0.09 0.00	36.97 0.11 0.00	30.81 0.09 0.00	28.54 0.06 0.00	26.02 0.03 0.00	24.36 0.02 0.00	23.80 0.02 0.00	22.57 0.00 0.00
JENNISON____1 23625	22.37 1.11 0.00	21.24 1.03 0.00	20.49 0.98 0.00	19.97 0.93 0.00	20.46 0.96 0.00	21.67 1.05 0.00	24.70 1.24 0.00	26.57 1.41 0.00	27.76 1.55 0.00	29.16 1.68 0.00	29.63 1.73 0.00	28.92 1.66 0.00	27.92 1.53 0.00	27.83 1.53 0.00	28.01 1.61 0.00	28.30 1.60 0.00	32.03 1.84 0.00	39.18 2.32 0.00	32.65 1.94 0.00	30.34 1.85 0.00	27.64 1.64 0.00	25.85 1.51 0.00	25.13 1.36 0.00	23.86 1.29 0.00
JENNISON____2 23626	22.37 1.11 0.00	21.24 1.03 0.00	20.49 0.98 0.00	19.97 0.93 0.00	20.46 0.96 0.00	21.67 1.05 0.00	24.70 1.24 0.00	26.57 1.41 0.00	27.76 1.55 0.00	29.16 1.68 0.00	29.63 1.73 0.00	28.92 1.66 0.00	27.92 1.53 0.00	27.83 1.53 0.00	28.01 1.61 0.00	28.30 1.60 0.00	32.03 1.84 0.00	39.18 2.32 0.00	32.65 1.94 0.00	30.34 1.85 0.00	27.64 1.64 0.00	25.85 1.51 0.00	25.13 1.36 0.00	23.86 1.29 0.00
JERICOHO_RISE_WT_PWR 323719	21.69 0.43 0.00	20.63 0.42 0.00	19.94 0.43 0.00	19.44 0.40 0.00	19.89 0.39 0.00	21.01 0.39 0.00	23.95 0.49 0.00	25.74 0.58 0.00	26.84 0.63 0.00	28.14 0.66 0.00	28.57 0.67 0.00	27.86 0.60 0.00	26.97 0.58 0.00	26.80 0.50 0.00	26.87 0.48 0.00	27.18 0.48 0.00	30.73 0.54 0.00	37.60 0.74 0.00	31.30 0.58 0.00	29.00 0.51 0.00	26.41 0.41 0.00	24.68 0.34 0.00	24.13 0.36 0.00	22.91 0.34 0.00
KATONAH__115KV_46KV_TB4 355592	22.01 0.74 0.00	20.87 0.67 0.00	20.10 0.59 0.00	19.65 0.61 0.00	20.07 0.57 0.00	21.21 0.60 0.00	24.18 0.73 0.00	26.26 1.11 0.00	27.44 1.23 0.00	28.86 1.37 0.00	29.27 1.37 0.00	28.59 1.34 0.00	27.71 1.32 0.00	27.62 1.32 0.00	27.77 1.37 0.00	28.09 1.39 0.00	31.84 1.66 0.00	39.03 2.17 0.00	32.47 1.75 0.00	29.97 1.48 0.00	27.32 1.33 0.00	25.53 1.19 0.00	24.80 1.02 0.00	23.38 0.81 0.00
KCE_NY_1 323755	22.06 0.79 0.00	20.95 0.75 0.00	20.21 0.70 0.00	19.74 0.70 0.00	20.22 0.72 0.00	21.40 0.78 0.00	24.32 0.87 0.00	26.24 1.08 0.00	27.36 1.15 0.00	28.72 1.24 0.00	29.19 1.28 0.00	28.54 1.28 0.00	27.60 1.21 0.00	27.57 1.26 0.00	27.67 1.27 0.00	28.04 1.33 0.00	31.69 1.51 0.00	38.78 1.92 0.00	32.28 1.57 0.00	29.80 1.31 0.00	27.17 1.17 0.00	25.36 1.02 0.00	24.72 0.95 0.00	23.43 0.86 0.00
KCE_NY_6_ESR 323823	21.33 0.06 0.00	20.31 0.10 0.00	19.77 0.25 0.00	19.25 0.21 0.00	19.81 0.31 0.00	20.82 0.21 0.00	23.59 0.14 0.00	24.83 -0.33 0.00	25.92 -0.29 0.00	26.94 -0.55 0.00	27.35 -0.56 0.00	26.74 -0.52 0.00	25.83 -0.56 0.00	25.62 -0.68 0.00	25.69 -0.71 0.00	25.98 -0.72 0.00	29.19 -1.00 0.00	34.91 -1.95 0.00	29.67 -1.04 0.00	27.88 -0.60 0.00	25.61 -0.39 0.00	23.95 -0.39 0.00	23.46 -0.31 0.00	22.75 0.18 0.00
KEDC_PORT_JEFF_GT2 24210	23.66 1.45 -0.94	21.60 1.39 0.00	20.78 1.27 0.00	20.18 1.14 0.00	20.71 1.21 0.00	22.00 1.38 0.00	25.85 1.60 -0.80	28.52 1.99 -1.37	29.64 2.12 -1.31	33.47 2.39 -3.60	31.91 2.43 -1.58	31.62 2.34 -2.01	29.29 2.03 -0.87	29.46 2.05 -1.10	29.29 2.11 -0.78	30.35 2.08 -1.56	32.49 2.26 -0.04	40.88 3.35 -0.66	33.51 2.61 -0.19	30.88 2.31 -0.09	29.89 1.97 -1.92	28.12 1.66 -2.13	25.30 1.52 0.00	25.65 1.54 -1.55
KEDC_PORT_JEFF_GT3 24211	23.66 1.45 -0.94	21.60 1.39 0.00	20.78 1.27 0.00	20.18 1.14 0.00	20.71 1.21 0.00	22.00 1.38 0.00	25.85 1.60 -0.80	28.52 1.99 -1.37	29.64 2.12 -1.31	33.47 2.39 -3.60	31.91 2.43 -1.58	31.62 2.34 -2.01	29.29 2.03 -0.87	29.46 2.05 -1.10	29.29 2.11 -0.78	30.35 2.08 -1.56	32.49 2.26 -0.04	40.88 3.35 -0.66	33.51 2.61 -0.19	30.88 2.31 -0.09	29.89 1.97 -1.92	28.12 1.66 -2.13	25.30 1.52 0.00	25.65 1.54 -1.55
KEDC_GLWD_GT4 24219	23.34 1.13 -0.94	21.23 1.03 0.00	20.47 0.96 0.00	19.93 0.90 0.00	20.42 0.92 0.00	21.67 1.05 0.00	25.54 1.29 -0.80	28.22 1.69 -1.37	29.35 1.83 -1.31	33.06 1.98 -3.60	31.44 1.95 -1.58	31.21 1.94 -2.01	29.16 1.90 -0.87	29.30 1.89 -1.10	29.08 1.90 -0.78	30.21 1.95 -1.56	32.40 2.17 -0.04	40.25 2.73 -0.66	33.27 2.37 -0.19	30.71 2.14 -0.09	29.73 1.82 -1.92	28.05 1.58 -2.13	25.27 1.50 0.00	25.40 1.29 -1.55
KEDC_GLWD_GT5 24220	23.34 1.13 -0.94	21.23 1.03 0.00	20.47 0.96 0.00	19.93 0.90 0.00	20.42 0.92 0.00	21.67 1.05 0.00	25.54 1.29 -0.80	28.22 1.69 -1.37	29.35 1.83 -1.31	33.06 1.98 -3.60	31.44 1.95 -1.58	31.21 1.94 -2.01	29.16 1.90 -0.87	29.30 1.89 -1.10	29.08 1.90 -0.78	30.21 1.95 -1.56	32.40 2.17 -0.04	40.25 2.73 -0.66	33.27 2.37 -0.19	30.71 2.14 -0.09	29.73 1.82 -1.92	28.05 1.58 -2.13	25.27 1.50 0.00	25.40 1.29 -1.55
KENSICO____ 23655	21.91 0.64 0.00	20.79 0.59 0.00	20.02 0.51 0.00	19.53 0.50 0.00	19.99 0.49 0.00	21.15 0.54 0.00	24.16 0.70 0.00	26.24 1.08 0.00	27.39 1.18 0.00	28.78 1.29 0.00	29.16 1.26 0.00	28.51 1.25 0.00	27.63 1.24 0.00	27.54 1.24 0.00	27.67 1.27 0.00	27.98 1.28 0.00	31.69 1.51 0.00	38.81 1.95 0.00	32.31 1.60 0.00	29.91 1.42 0.00	27.22 1.22 0.00	25.46 1.12 0.00	24.72 0.95 0.00	23.34 0.77 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.95 0.68 0.00	20.79 0.59 0.00	20.02 0.51 0.00	19.53 0.50 0.00	19.99 0.49 0.00	21.11 0.49 0.00	24.13 0.68 0.00	26.04 0.88 0.00	27.29 1.07 0.00	28.61 1.13 0.00	28.99 1.09 0.00	28.32 1.06 0.00	27.44 1.06 0.00	27.36 1.05 0.00	27.51 1.11 0.00	27.82 1.12 0.00	31.54 1.36 0.00	38.59 1.73 0.00	32.19 1.47 0.00	29.82 1.34 0.00	27.17 1.17 0.00	25.36 1.02 0.00	24.68 0.90 0.00	23.29 0.72 0.00

KIAC_JFK_GT1 23816	21.97 0.70 0.00	20.79 0.59 0.00	20.00 0.49 0.00	19.53 0.50 0.00	19.99 0.49 0.00	21.17 0.56 0.00	24.27 0.82 0.00	26.44 1.28 0.00	27.63 1.42 0.00	29.08 1.59 0.00	29.41 1.51 0.00	28.76 1.50 0.00	27.87 1.48 0.00	27.80 1.50 0.00	27.90 1.50 0.00	28.25 1.55 0.00	32.06 1.87 0.00	39.29 2.43 0.00	32.71 2.00 0.00	30.28 1.79 0.00	27.48 1.48 0.00	25.65 1.31 0.00	24.94 1.16 0.00	23.45 0.88 0.00
KIAC_JFK_GT2 23817	21.97 0.70 0.00	20.79 0.59 0.00	20.00 0.49 0.00	19.53 0.50 0.00	19.99 0.49 0.00	21.17 0.56 0.00	24.27 0.82 0.00	26.44 1.28 0.00	27.63 1.42 0.00	29.08 1.59 0.00	29.41 1.51 0.00	28.76 1.50 0.00	27.87 1.48 0.00	27.80 1.50 0.00	27.90 1.50 0.00	28.25 1.55 0.00	32.06 1.87 0.00	39.29 2.43 0.00	32.71 2.00 0.00	30.28 1.79 0.00	27.48 1.48 0.00	25.65 1.31 0.00	24.94 1.16 0.00	23.45 0.88 0.00
KIAC_JFK____ 323774	21.95 0.68 0.00	20.79 0.59 0.00	20.06 0.55 0.00	19.57 0.53 0.00	20.01 0.51 0.00	21.21 0.60 0.00	24.30 0.84 0.00	26.46 1.31 0.00	27.65 1.44 0.00	29.08 1.59 0.00	29.41 1.51 0.00	28.76 1.50 0.00	27.86 1.48 0.00	27.80 1.50 0.00	27.90 1.50 0.00	28.25 1.55 0.00	32.03 1.84 0.00	39.29 2.43 0.00	32.71 2.00 0.00	30.28 1.80 0.00	27.45 1.46 0.00	25.51 1.17 0.00	24.94 1.16 0.00	23.41 0.84 0.00
KINTIGH____ 23543	20.69 -0.57 0.00	19.72 -0.48 0.00	19.18 -0.33 0.00	18.68 -0.36 0.00	19.19 -0.31 0.00	20.16 -0.45 0.00	22.80 -0.66 0.00	24.03 -1.13 0.00	25.16 -1.05 0.00	26.22 -1.26 0.00	26.59 -1.31 0.00	26.01 -1.25 0.00	25.12 -1.27 0.00	24.96 -1.34 0.00	25.03 -1.37 0.00	25.31 -1.39 0.00	28.31 -1.87 0.00	34.06 -2.80 0.00	28.93 -1.78 0.00	27.15 -1.34 0.00	24.83 -1.17 0.00	23.24 -1.10 0.00	22.82 -0.95 0.00	22.05 -0.52 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	22.12 0.85 0.00	21.03 0.83 0.00	20.33 0.82 0.00	19.82 0.78 0.00	20.26 0.76 0.00	21.42 0.80 0.00	24.44 0.98 0.00	26.29 1.13 0.00	27.42 1.21 0.00	28.75 1.26 0.00	29.19 1.28 0.00	28.46 1.20 0.00	27.55 1.16 0.00	27.38 1.08 0.00	27.43 1.03 0.00	27.77 1.07 0.00	31.39 1.21 0.00	38.45 1.58 0.00	32.01 1.29 0.00	29.65 1.17 0.00	26.99 0.99 0.00	25.19 0.85 0.00	24.60 0.83 0.00	23.36 0.79 0.00
LACHUTE____HYDRO 323717	22.82 1.55 0.00	21.60 1.39 0.00	20.84 1.33 0.00	20.37 1.33 0.00	20.89 1.38 0.00	22.16 1.55 0.00	25.21 1.76 0.00	27.27 2.11 0.00	28.52 2.31 0.00	29.99 2.50 0.00	30.47 2.57 0.00	29.79 2.54 0.00	28.79 2.40 0.00	28.78 2.47 0.00	28.85 2.46 0.00	29.29 2.59 0.00	33.11 2.93 0.00	40.55 3.69 0.00	33.76 3.04 0.00	31.05 2.56 0.00	28.29 2.29 0.00	26.36 2.02 0.00	25.63 1.86 0.00	24.29 1.71 0.00
LAWRNCV_115KV_TB1 80681	21.06 -0.21 0.00	20.00 -0.20 0.00	19.34 -0.18 0.00	18.85 -0.19 0.00	19.29 -0.21 0.00	20.41 -0.21 0.00	23.26 -0.19 0.00	25.03 -0.13 0.00	26.11 -0.10 0.00	27.40 -0.08 0.00	27.82 -0.08 0.00	27.12 -0.14 0.00	26.28 -0.11 0.00	26.17 -0.13 0.00	26.24 -0.16 0.00	26.54 -0.16 0.00	30.03 -0.15 0.00	36.71 -0.15 0.00	30.53 -0.18 0.00	28.31 -0.17 0.00	25.76 -0.23 0.00	24.12 -0.22 0.00	23.54 -0.24 0.00	22.30 -0.27 0.00
LEDERLE____ 23769	21.91 0.64 0.00	20.77 0.57 0.00	20.00 0.49 0.00	19.53 0.50 0.00	19.97 0.47 0.00	21.15 0.54 0.00	24.16 0.70 0.00	26.19 1.03 0.00	27.36 1.15 0.00	28.72 1.24 0.00	29.10 1.20 0.00	28.46 1.20 0.00	27.58 1.19 0.00	27.49 1.18 0.00	27.61 1.21 0.00	27.90 1.20 0.00	31.60 1.42 0.00	38.70 1.84 0.00	32.22 1.51 0.00	29.85 1.37 0.00	27.19 1.20 0.00	25.43 1.10 0.00	24.70 0.93 0.00	23.32 0.74 0.00
LIGHTHSE_115KV_TB6 355974	20.72 -0.55 0.00	19.68 -0.53 0.00	19.01 -0.51 0.00	18.53 -0.51 0.00	18.99 -0.51 0.00	20.10 -0.52 0.00	22.89 -0.56 0.00	24.48 -0.68 0.00	25.50 -0.71 0.00	26.74 -0.74 0.00	27.18 -0.73 0.00	26.50 -0.76 0.00	25.62 -0.77 0.00	25.54 -0.76 0.00	25.66 -0.74 0.00	25.98 -0.72 0.00	29.37 -0.81 0.00	35.86 -1.00 0.00	29.89 -0.83 0.00	27.72 -0.77 0.00	25.30 -0.70 0.00	23.80 -0.54 0.00	23.34 -0.43 0.00	22.19 -0.38 0.00
LINDEN COGEN____ 23786	21.82 0.55 0.00	20.69 0.48 0.00	20.00 0.49 0.00	19.52 0.48 0.00	19.95 0.45 0.00	21.09 0.47 0.00	24.13 0.68 0.00	26.26 1.11 0.00	27.44 1.23 0.00	28.83 1.35 0.00	29.19 1.28 0.00	28.51 1.25 0.00	27.65 1.27 0.00	27.57 1.26 0.00	27.69 1.29 0.00	28.01 1.31 0.00	31.72 1.54 0.00	38.89 2.03 0.00	32.37 1.66 0.00	29.96 1.48 0.00	27.19 1.20 0.00	25.29 0.95 0.00	24.72 0.95 0.00	23.25 0.68 0.00
LINDHRST_69_KV_BK1 356055	23.61 1.40 -0.94	21.52 1.31 0.00	20.68 1.17 0.00	20.11 1.07 0.00	20.63 1.13 0.00	21.83 1.22 0.00	25.83 1.57 -0.80	28.49 1.96 -1.37	29.59 2.07 -1.31	33.36 2.28 -3.60	31.77 2.29 -1.58	31.51 2.24 -2.01	29.39 2.14 -0.87	29.54 2.13 -1.10	29.34 2.16 -0.78	30.45 2.19 -1.56	32.88 2.66 -0.04	40.95 3.43 -0.66	33.70 2.80 -0.19	31.05 2.48 -0.09	30.07 2.16 -1.92	28.41 1.95 -2.13	25.46 1.69 0.00	25.70 1.58 -1.55
LIPA_MISC_IPP 23656	23.66 1.45 -0.94	21.62 1.41 0.00	20.76 1.25 0.00	20.16 1.12 0.00	20.69 1.19 0.00	21.87 1.26 0.00	25.80 1.55 -0.80	28.44 1.91 -1.37	29.59 2.07 -1.31	33.50 2.42 -3.60	31.94 2.46 -1.58	31.64 2.37 -2.01	29.16 1.90 -0.87	29.33 1.92 -1.10	29.07 1.90 -0.78	30.19 1.92 -1.56	32.64 2.41 -0.04	40.73 3.21 -0.66	33.33 2.43 -0.19	30.71 2.14 -0.09	29.74 1.82 -1.92	28.07 1.61 -2.13	25.10 1.33 0.00	25.63 1.51 -1.55
LISF__SOLAR 323691	23.68 1.47 -0.94	21.64 1.43 0.00	20.84 1.33 0.00	20.22 1.18 0.00	20.75 1.25 0.00	22.06 1.44 0.00	25.87 1.62 -0.80	28.49 1.96 -1.37	29.64 2.12 -1.31	33.56 2.47 -3.60	32.00 2.51 -1.58	31.73 2.45 -2.01	29.18 1.93 -0.87	29.36 1.95 -1.10	29.18 2.01 -0.78	30.21 1.95 -1.56	32.37 2.14 -0.04	40.80 3.28 -0.66	33.39 2.49 -0.19	30.73 2.16 -0.09	29.73 1.82 -1.92	28.00 1.53 -2.13	25.15 1.38 0.00	25.65 1.54 -1.55
LITTLE FALLS____HYD 24013	21.33 0.06 0.00	20.27 0.06 0.00	19.57 0.06 0.00	19.10 0.06 0.00	19.58 0.08 0.00	20.70 0.08 0.00	23.55 0.09 0.00	25.28 0.13 0.00	26.34 0.13 0.00	27.62 0.14 0.00	27.96 0.06 0.00	27.40 0.14 0.00	26.49 0.11 0.00	26.41 0.11 0.00	26.50 0.11 0.00	26.78 0.08 0.00	30.34 0.15 0.00	37.04 0.18 0.00	30.84 0.12 0.00	28.54 0.06 0.00	26.02 0.03 0.00	24.36 0.02 0.00	23.80 0.02 0.00	22.55 -0.02 0.00
LITTLRIV_115KV_TB1 356100	21.25 -0.02 0.00	20.18 -0.02 0.00	19.49 -0.02 0.00	19.02 -0.02 0.00	19.46 -0.04 0.00	20.59 -0.02 0.00	23.50 0.05 0.00	25.33 0.18 0.00	26.45 0.24 0.00	27.76 0.27 0.00	28.21 0.31 0.00	27.50 0.25 0.00	26.65 0.26 0.00	26.54 0.24 0.00	26.64 0.24 0.00	26.91 0.21 0.00	30.43 0.24 0.00	37.19 0.33 0.00	30.87 0.15 0.00	28.63 0.14 0.00	26.02 0.03 0.00	24.36 0.02 0.00	23.75 -0.02 0.00	22.48 -0.09 0.00

LI_NEWBRDGE___DRP 323616	23.17 0.96 -0.94	21.09 0.89 0.00	20.27 0.76 0.00	19.76 0.72 0.00	20.24 0.74 0.00	21.42 0.80 0.00	25.31 1.06 -0.80	27.96 1.43 -1.37	29.09 1.57 -1.31	32.79 1.70 -3.60	31.16 1.67 -1.58	30.91 1.64 -2.01	28.87 1.61 -0.87	29.04 1.63 -1.10	28.81 1.64 -0.78	29.92 1.66 -1.56	32.19 1.96 -0.04	39.99 2.47 -0.66	32.93 2.03 -0.19	30.42 1.85 -0.09	29.53 1.61 -1.92	27.93 1.46 -2.13	25.03 1.26 0.00	25.22 1.11 -1.55
LOCKPORT_115KV_TB60_63_64 80432	20.84 -0.43 0.00	19.94 -0.26 0.00	19.41 -0.10 0.00	18.85 -0.19 0.00	19.42 -0.08 0.00	20.31 -0.31 0.00	22.94 -0.52 0.00	24.10 -1.06 0.00	25.29 -0.92 0.00	26.30 -1.18 0.00	26.68 -1.23 0.00	26.09 -1.17 0.00	25.20 -1.19 0.00	25.01 -1.29 0.00	25.08 -1.32 0.00	25.37 -1.34 0.00	28.31 -1.87 0.00	34.02 -2.84 0.00	28.96 -1.75 0.00	27.23 -1.25 0.00	24.91 -1.09 0.00	23.32 -1.02 0.00	22.92 -0.86 0.00	22.21 -0.36 0.00
LOCKPORT___CC1 323769	20.91 -0.36 0.00	19.90 -0.30 0.00	19.38 -0.14 0.00	18.85 -0.19 0.00	19.44 -0.06 0.00	20.37 -0.25 0.00	23.05 -0.40 0.00	24.23 -0.93 0.00	25.29 -0.92 0.00	26.30 -1.18 0.00	26.68 -1.23 0.00	26.09 -1.17 0.00	25.20 -1.19 0.00	25.02 -1.29 0.00	25.08 -1.32 0.00	25.37 -1.33 0.00	28.52 -1.66 0.00	33.99 -2.88 0.00	28.93 -1.78 0.00	27.23 -1.25 0.00	25.01 -0.99 0.00	23.39 -0.95 0.00	22.92 -0.85 0.00	22.23 -0.34 0.00
LOCKPORT___CC2 323770	20.91 -0.36 0.00	19.90 -0.30 0.00	19.38 -0.14 0.00	18.85 -0.19 0.00	19.44 -0.06 0.00	20.37 -0.25 0.00	23.05 -0.40 0.00	24.23 -0.93 0.00	25.29 -0.92 0.00	26.30 -1.18 0.00	26.68 -1.23 0.00	26.09 -1.17 0.00	25.20 -1.19 0.00	25.02 -1.29 0.00	25.08 -1.32 0.00	25.37 -1.33 0.00	28.52 -1.66 0.00	33.99 -2.88 0.00	28.93 -1.78 0.00	27.23 -1.25 0.00	25.01 -0.99 0.00	23.39 -0.95 0.00	22.92 -0.85 0.00	22.23 -0.34 0.00
LOCKPORT___CC3 323771	20.91 -0.36 0.00	19.90 -0.30 0.00	19.38 -0.14 0.00	18.85 -0.19 0.00	19.44 -0.06 0.00	20.37 -0.25 0.00	23.05 -0.40 0.00	24.23 -0.93 0.00	25.29 -0.92 0.00	26.30 -1.18 0.00	26.68 -1.23 0.00	26.09 -1.17 0.00	25.20 -1.19 0.00	25.02 -1.29 0.00	25.08 -1.32 0.00	25.37 -1.33 0.00	28.52 -1.66 0.00	33.99 -2.88 0.00	28.93 -1.78 0.00	27.23 -1.25 0.00	25.01 -0.99 0.00	23.39 -0.95 0.00	22.92 -0.85 0.00	22.23 -0.34 0.00
LONG_LAKE_PHOENIX 24014	20.80 -0.47 0.00	19.76 -0.44 0.00	19.10 -0.41 0.00	18.64 -0.40 0.00	19.09 -0.41 0.00	20.18 -0.43 0.00	22.94 -0.52 0.00	24.45 -0.70 0.00	25.50 -0.71 0.00	26.74 -0.74 0.00	27.18 -0.73 0.00	26.55 -0.71 0.00	25.70 -0.69 0.00	25.62 -0.68 0.00	25.71 -0.69 0.00	26.03 -0.67 0.00	29.40 -0.78 0.00	35.86 -1.00 0.00	29.89 -0.83 0.00	27.77 -0.71 0.00	25.35 -0.65 0.00	23.76 -0.58 0.00	23.27 -0.50 0.00	22.19 -0.38 0.00
LOVETT___3 23632	21.91 0.64 0.00	20.79 0.59 0.00	20.00 0.49 0.00	19.53 0.50 0.00	19.99 0.49 0.00	21.15 0.54 0.00	24.16 0.70 0.00	26.21 1.06 0.00	27.39 1.18 0.00	28.78 1.29 0.00	29.13 1.23 0.00	28.49 1.23 0.00	27.60 1.21 0.00	27.54 1.24 0.00	27.64 1.24 0.00	27.96 1.25 0.00	31.69 1.51 0.00	38.78 1.92 0.00	32.28 1.57 0.00	29.91 1.42 0.00	27.22 1.22 0.00	25.43 1.10 0.00	24.72 0.95 0.00	23.34 0.77 0.00
LOVETT___4 23642	21.91 0.64 0.00	20.79 0.59 0.00	20.00 0.49 0.00	19.53 0.50 0.00	19.99 0.49 0.00	21.15 0.54 0.00	24.16 0.70 0.00	26.21 1.06 0.00	27.39 1.18 0.00	28.78 1.29 0.00	29.13 1.23 0.00	28.49 1.23 0.00	27.60 1.21 0.00	27.54 1.24 0.00	27.64 1.24 0.00	27.96 1.25 0.00	31.69 1.51 0.00	38.78 1.92 0.00	32.28 1.57 0.00	29.91 1.42 0.00	27.22 1.22 0.00	25.43 1.10 0.00	24.72 0.95 0.00	23.34 0.77 0.00
LOVETT___5 23593	21.91 0.64 0.00	20.79 0.59 0.00	20.00 0.49 0.00	19.53 0.50 0.00	19.99 0.49 0.00	21.15 0.54 0.00	24.16 0.70 0.00	26.21 1.06 0.00	27.39 1.18 0.00	28.78 1.29 0.00	29.13 1.23 0.00	28.49 1.23 0.00	27.60 1.21 0.00	27.54 1.24 0.00	27.64 1.24 0.00	27.96 1.25 0.00	31.69 1.51 0.00	38.78 1.92 0.00	32.28 1.57 0.00	29.91 1.42 0.00	27.22 1.22 0.00	25.43 1.10 0.00	24.72 0.95 0.00	23.34 0.77 0.00
LOWER RAQUET___HYD 24057	20.93 -0.34 0.00	19.88 -0.32 0.00	19.20 -0.31 0.00	18.73 -0.31 0.00	19.17 -0.33 0.00	20.28 -0.33 0.00	23.12 -0.33 0.00	24.91 -0.25 0.00	25.97 -0.24 0.00	27.26 -0.22 0.00	27.68 -0.22 0.00	26.99 -0.27 0.00	26.15 -0.24 0.00	26.04 -0.26 0.00	26.11 -0.29 0.00	26.41 -0.29 0.00	29.88 -0.30 0.00	36.56 -0.30 0.00	30.38 -0.34 0.00	28.17 -0.31 0.00	25.61 -0.39 0.00	23.98 -0.36 0.00	23.39 -0.38 0.00	22.17 -0.41 0.00
LOWER___HUDSON 24059	21.72 0.45 0.00	20.65 0.44 0.00	19.90 0.39 0.00	19.44 0.40 0.00	19.91 0.41 0.00	21.07 0.45 0.00	23.92 0.47 0.00	25.81 0.65 0.00	26.89 0.68 0.00	28.20 0.71 0.00	28.66 0.75 0.00	28.02 0.76 0.00	27.13 0.74 0.00	27.12 0.82 0.00	27.19 0.79 0.00	27.50 0.80 0.00	31.15 0.97 0.00	38.11 1.25 0.00	31.67 0.95 0.00	29.25 0.77 0.00	26.67 0.67 0.00	24.92 0.58 0.00	24.32 0.55 0.00	23.02 0.45 0.00
LOWVILLE_115KV_TB2 356335	21.16 -0.11 0.00	20.08 -0.12 0.00	19.38 -0.14 0.00	18.89 -0.15 0.00	19.36 -0.14 0.00	20.53 -0.08 0.00	23.41 -0.05 0.00	25.21 0.05 0.00	26.32 0.10 0.00	27.59 0.11 0.00	27.99 0.08 0.00	27.10 -0.16 0.00	26.18 -0.21 0.00	26.09 -0.21 0.00	26.24 -0.16 0.00	26.54 -0.16 0.00	30.12 -0.06 0.00	36.86 0.00 0.00	30.59 -0.12 0.00	28.34 -0.14 0.00	25.79 -0.21 0.00	24.36 0.02 0.00	23.75 -0.02 0.00	22.48 -0.09 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.06 0.79 0.00	20.93 0.73 0.00	20.21 0.70 0.00	19.72 0.69 0.00	20.20 0.70 0.00	21.40 0.78 0.00	24.32 0.87 0.00	26.24 1.08 0.00	27.36 1.15 0.00	28.69 1.21 0.00	29.16 1.26 0.00	28.51 1.25 0.00	27.58 1.19 0.00	27.54 1.24 0.00	27.64 1.24 0.00	28.01 1.31 0.00	31.69 1.51 0.00	38.74 1.88 0.00	32.25 1.54 0.00	29.77 1.28 0.00	27.19 1.20 0.00	25.46 1.12 0.00	24.72 0.95 0.00	23.41 0.84 0.00
LUTHERNY_35_KV_BK2 355980	22.06 0.79 0.00	20.95 0.75 0.00	20.21 0.70 0.00	19.72 0.69 0.00	20.22 0.72 0.00	21.42 0.80 0.00	24.34 0.89 0.00	26.24 1.08 0.00	27.36 1.15 0.00	28.72 1.24 0.00	29.19 1.28 0.00	28.54 1.28 0.00	27.60 1.21 0.00	27.57 1.26 0.00	27.67 1.27 0.00	28.04 1.34 0.00	31.72 1.54 0.00	38.78 1.92 0.00	32.28 1.57 0.00	29.79 1.31 0.00	27.22 1.22 0.00	25.46 1.12 0.00	24.72 0.95 0.00	23.43 0.86 0.00
LWR___OSWEGATCHIE_HYD 23850	20.74 -0.53 0.00	19.70 -0.51 0.00	19.01 -0.51 0.00	18.53 -0.51 0.00	18.99 -0.51 0.00	20.10 -0.52 0.00	22.94 -0.52 0.00	24.70 -0.45 0.00	25.77 -0.45 0.00	27.04 -0.44 0.00	27.46 -0.45 0.00	26.69 -0.57 0.00	25.81 -0.58 0.00	25.73 -0.58 0.00	25.82 -0.58 0.00	26.14 -0.56 0.00	29.61 -0.57 0.00	36.23 -0.63 0.00	30.07 -0.65 0.00	27.89 -0.60 0.00	25.37 -0.62 0.00	23.83 -0.51 0.00	23.25 -0.52 0.00	22.01 -0.56 0.00

LYONS_FALL_HYD 23570	21.35 0.09 0.00	20.27 0.06 0.00	19.55 0.04 0.00	19.08 0.04 0.00	19.56 0.06 0.00	20.72 0.10 0.00	23.62 0.17 0.00	25.41 0.25 0.00	26.53 0.32 0.00	27.82 0.33 0.00	28.18 0.28 0.00	27.42 0.16 0.00	26.52 0.13 0.00	26.44 0.13 0.00	26.56 0.16 0.00	26.89 0.19 0.00	30.46 0.27 0.00	37.23 0.37 0.00	30.93 0.22 0.00	28.66 0.17 0.00	26.10 0.10 0.00	24.58 0.24 0.00	23.96 0.19 0.00	22.69 0.11 0.00
MADISON___COUNTY_LFGE 323628	21.69 0.43 0.00	20.61 0.40 0.00	19.88 0.37 0.00	19.40 0.36 0.00	19.89 0.39 0.00	21.09 0.47 0.00	24.02 0.56 0.00	25.79 0.63 0.00	26.89 0.68 0.00	28.23 0.74 0.00	28.63 0.73 0.00	27.97 0.71 0.00	27.05 0.66 0.00	26.99 0.68 0.00	27.11 0.71 0.00	27.42 0.72 0.00	31.00 0.81 0.00	37.78 0.92 0.00	31.42 0.71 0.00	29.14 0.66 0.00	26.57 0.57 0.00	24.88 0.54 0.00	24.27 0.50 0.00	23.05 0.47 0.00
MALONE___115KV_TB1 356076	21.74 0.47 0.00	20.67 0.46 0.00	19.98 0.47 0.00	19.48 0.44 0.00	19.93 0.43 0.00	21.07 0.45 0.00	24.04 0.59 0.00	25.89 0.73 0.00	27.00 0.79 0.00	28.34 0.85 0.00	28.77 0.86 0.00	28.02 0.76 0.00	27.13 0.74 0.00	26.99 0.68 0.00	27.03 0.63 0.00	27.37 0.67 0.00	30.94 0.75 0.00	37.86 1.00 0.00	31.51 0.80 0.00	29.20 0.71 0.00	26.57 0.57 0.00	24.83 0.49 0.00	24.22 0.45 0.00	23.00 0.43 0.00
MAPLEWOD_115KV_TB3 80458	21.67 0.40 0.00	20.61 0.40 0.00	19.90 0.39 0.00	19.42 0.38 0.00	19.89 0.39 0.00	21.05 0.43 0.00	23.87 0.42 0.00	25.74 0.58 0.00	26.74 0.52 0.00	28.03 0.55 0.00	28.46 0.56 0.00	27.83 0.57 0.00	26.94 0.55 0.00	26.93 0.63 0.00	27.01 0.61 0.00	27.34 0.64 0.00	30.97 0.78 0.00	37.86 1.00 0.00	31.45 0.74 0.00	29.08 0.60 0.00	26.60 0.60 0.00	24.90 0.56 0.00	24.20 0.43 0.00	22.89 0.32 0.00
MAPLE_RIDGE_WT_1 323574	21.27 0.00 0.00	20.18 -0.02 0.00	19.49 -0.02 0.00	19.02 -0.02 0.00	19.48 -0.02 0.00	20.59 -0.02 0.00	23.41 -0.05 0.00	25.11 -0.05 0.00	26.16 -0.05 0.00	27.43 -0.05 0.00	27.82 -0.08 0.00	27.15 -0.11 0.00	26.23 -0.16 0.00	26.12 -0.18 0.00	26.19 -0.21 0.00	26.49 -0.21 0.00	29.94 -0.24 0.00	36.56 -0.30 0.00	30.47 -0.25 0.00	28.26 -0.23 0.00	25.79 -0.21 0.00	24.14 -0.20 0.00	23.61 -0.17 0.00	22.44 -0.13 0.00
MAPLE_RIDGE_WT_2 323611	21.27 0.00 0.00	20.18 -0.02 0.00	19.49 -0.02 0.00	19.02 -0.02 0.00	19.48 -0.02 0.00	20.59 -0.02 0.00	23.41 -0.05 0.00	25.11 -0.05 0.00	26.16 -0.05 0.00	27.43 -0.05 0.00	27.82 -0.08 0.00	27.15 -0.11 0.00	26.23 -0.16 0.00	26.12 -0.18 0.00	26.19 -0.21 0.00	26.49 -0.21 0.00	29.94 -0.24 0.00	36.56 -0.30 0.00	30.47 -0.25 0.00	28.26 -0.23 0.00	25.79 -0.21 0.00	24.14 -0.20 0.00	23.61 -0.17 0.00	22.44 -0.13 0.00
MARBLE_RIVER_WT_PWR 323696	21.76 0.49 0.00	20.69 0.48 0.00	19.98 0.47 0.00	19.50 0.46 0.00	19.95 0.45 0.00	21.07 0.45 0.00	24.01 0.56 0.00	25.81 0.65 0.00	26.92 0.71 0.00	28.23 0.74 0.00	28.66 0.75 0.00	27.94 0.68 0.00	27.05 0.66 0.00	26.88 0.58 0.00	26.93 0.53 0.00	27.26 0.56 0.00	30.82 0.63 0.00	37.67 0.81 0.00	31.36 0.65 0.00	29.08 0.60 0.00	26.47 0.47 0.00	24.75 0.41 0.00	24.18 0.40 0.00	22.96 0.38 0.00
MARSHVLE_115KV_TB1 80742	22.31 1.04 0.00	21.19 0.99 0.00	20.43 0.92 0.00	19.95 0.91 0.00	20.46 0.96 0.00	21.71 1.09 0.00	24.79 1.34 0.00	26.74 1.58 0.00	27.92 1.70 0.00	29.30 1.81 0.00	29.74 1.84 0.00	29.03 1.77 0.00	28.02 1.64 0.00	28.01 1.71 0.00	28.14 1.74 0.00	28.62 1.92 0.00	32.39 2.20 0.00	39.66 2.80 0.00	33.02 2.30 0.00	30.54 2.05 0.00	27.82 1.82 0.00	25.97 1.63 0.00	25.20 1.43 0.00	23.86 1.29 0.00
MARSH_HILL_WT_PWR 323713	21.67 0.40 0.00	20.57 0.36 0.00	19.96 0.45 0.00	19.44 0.40 0.00	19.97 0.47 0.00	21.09 0.47 0.00	23.95 0.49 0.00	25.48 0.33 0.00	26.58 0.37 0.00	27.70 0.22 0.00	28.15 0.25 0.00	27.48 0.22 0.00	26.52 0.13 0.00	26.30 0.00 0.00	26.40 0.00 0.00	26.78 0.08 0.00	30.21 0.03 0.00	36.38 -0.48 0.00	30.62 -0.09 0.00	28.63 0.14 0.00	26.23 0.23 0.00	24.46 0.12 0.00	23.89 0.12 0.00	23.05 0.47 0.00
MCINTYRE_115KV_TB2 80467	21.52 0.26 0.00	20.43 0.22 0.00	19.73 0.21 0.00	19.25 0.21 0.00	19.70 0.20 0.00	20.84 0.23 0.00	23.78 0.33 0.00	25.64 0.48 0.00	26.76 0.55 0.00	28.09 0.60 0.00	28.54 0.64 0.00	27.83 0.57 0.00	26.97 0.58 0.00	26.86 0.55 0.00	26.95 0.55 0.00	27.21 0.51 0.00	30.79 0.60 0.00	37.60 0.74 0.00	31.27 0.55 0.00	28.97 0.48 0.00	26.34 0.34 0.00	24.66 0.32 0.00	24.03 0.26 0.00	22.75 0.18 0.00
MECO___69_KV_BK1 80468	23.14 1.87 0.00	21.92 1.72 0.00	21.17 1.66 0.00	20.70 1.66 0.00	21.24 1.74 0.00	22.57 1.96 0.00	25.75 2.30 0.00	27.82 2.67 0.00	29.02 2.80 0.00	30.45 2.97 0.00	31.00 3.10 0.00	30.23 2.97 0.00	29.16 2.77 0.00	29.20 2.89 0.00	29.38 2.98 0.00	30.01 3.31 0.00	33.87 3.68 0.00	41.43 4.57 0.00	34.46 3.75 0.00	31.82 3.33 0.00	28.99 2.99 0.00	27.04 2.70 0.00	26.20 2.42 0.00	24.83 2.26 0.00
MENANDS___115KV_TB5 355628	21.59 0.32 0.00	20.53 0.32 0.00	19.82 0.31 0.00	19.36 0.32 0.00	19.81 0.31 0.00	20.97 0.35 0.00	23.78 0.33 0.00	25.64 0.48 0.00	26.58 0.37 0.00	27.87 0.38 0.00	28.29 0.39 0.00	27.67 0.41 0.00	26.81 0.42 0.00	26.78 0.47 0.00	26.85 0.45 0.00	27.16 0.45 0.00	30.76 0.57 0.00	37.63 0.77 0.00	31.27 0.55 0.00	28.88 0.40 0.00	26.41 0.42 0.00	24.78 0.44 0.00	24.08 0.31 0.00	22.75 0.18 0.00
MG INDUSTRY___DRP 24185	21.71 0.45 0.00	20.65 0.44 0.00	19.92 0.41 0.00	19.46 0.42 0.00	19.91 0.41 0.00	21.05 0.43 0.00	23.90 0.45 0.00	25.71 0.55 0.00	26.68 0.47 0.00	27.95 0.47 0.00	28.41 0.50 0.00	27.75 0.49 0.00	26.86 0.47 0.00	26.83 0.53 0.00	26.93 0.53 0.00	27.26 0.56 0.00	30.85 0.66 0.00	37.71 0.85 0.00	31.39 0.68 0.00	29.03 0.54 0.00	26.52 0.52 0.00	24.85 0.51 0.00	24.20 0.43 0.00	22.91 0.34 0.00
MID___OSWEGATCHIE_HYD 23849	20.74 -0.53 0.00	19.70 -0.51 0.00	19.01 -0.51 0.00	18.53 -0.51 0.00	18.99 -0.51 0.00	20.10 -0.52 0.00	22.94 -0.52 0.00	24.70 -0.45 0.00	25.77 -0.45 0.00	27.04 -0.44 0.00	27.46 -0.45 0.00	26.69 -0.57 0.00	25.81 -0.58 0.00	25.73 -0.58 0.00	25.82 -0.58 0.00	26.14 -0.56 0.00	29.61 -0.57 0.00	36.23 -0.63 0.00	30.07 -0.65 0.00	27.89 -0.60 0.00	25.37 -0.62 0.00	23.83 -0.51 0.00	23.25 -0.52 0.00	22.01 -0.56 0.00
MID___RAQUETTE_HYD 23851	20.93 -0.34 0.00	19.88 -0.32 0.00	19.20 -0.31 0.00	18.73 -0.30 0.00	19.17 -0.33 0.00	20.28 -0.33 0.00	23.12 -0.33 0.00	24.91 -0.25 0.00	25.98 -0.24 0.00	27.26 -0.22 0.00	27.68 -0.22 0.00	26.99 -0.27 0.00	26.15 -0.24 0.00	26.04 -0.26 0.00	26.11 -0.29 0.00	26.41 -0.29 0.00	29.88 -0.30 0.00	36.57 -0.29 0.00	30.38 -0.34 0.00	28.17 -0.31 0.00	25.61 -0.39 0.00	24.00 -0.34 0.00	23.39 -0.38 0.00	22.17 -0.41 0.00

MILLIKEN___1 23584	21.65 0.38 0.00	20.57 0.36 0.00	19.86 0.35 0.00	19.38 0.34 0.00	19.87 0.37 0.00	21.03 0.41 0.00	23.90 0.45 0.00	25.59 0.43 0.00	26.71 0.50 0.00	28.01 0.52 0.00	28.43 0.53 0.00	27.78 0.52 0.00	26.84 0.45 0.00	26.75 0.45 0.00	26.87 0.48 0.00	27.21 0.51 0.00	30.76 0.57 0.00	37.52 0.66 0.00	31.33 0.61 0.00	29.11 0.63 0.00	26.57 0.57 0.00	24.83 0.49 0.00	24.25 0.48 0.00	23.09 0.52 0.00
MILLIKEN___2 23585	21.65 0.38 0.00	20.57 0.36 0.00	19.86 0.35 0.00	19.38 0.34 0.00	19.87 0.37 0.00	21.03 0.41 0.00	23.90 0.45 0.00	25.59 0.43 0.00	26.71 0.50 0.00	28.01 0.52 0.00	28.43 0.53 0.00	27.78 0.52 0.00	26.84 0.45 0.00	26.75 0.45 0.00	26.87 0.48 0.00	27.21 0.51 0.00	30.76 0.57 0.00	37.52 0.66 0.00	31.33 0.61 0.00	29.11 0.63 0.00	26.57 0.57 0.00	24.83 0.49 0.00	24.25 0.48 0.00	23.09 0.52 0.00
MILLIKEN___DIESEL 23629	21.65 0.38 0.00	20.57 0.36 0.00	19.86 0.35 0.00	19.38 0.34 0.00	19.87 0.37 0.00	21.03 0.41 0.00	23.90 0.45 0.00	25.59 0.43 0.00	26.71 0.50 0.00	28.01 0.52 0.00	28.43 0.53 0.00	27.78 0.52 0.00	26.84 0.45 0.00	26.75 0.45 0.00	26.87 0.48 0.00	27.21 0.51 0.00	30.76 0.57 0.00	37.52 0.66 0.00	31.33 0.61 0.00	29.11 0.63 0.00	26.57 0.57 0.00	24.83 0.49 0.00	24.25 0.48 0.00	23.09 0.52 0.00
MILLSEAT___LFGE 323607	21.20 -0.06 0.00	20.14 -0.06 0.00	19.61 0.10 0.00	19.08 0.04 0.00	19.68 0.18 0.00	20.64 0.02 0.00	23.38 -0.07 0.00	24.68 -0.48 0.00	25.77 -0.45 0.00	26.82 -0.66 0.00	27.21 -0.70 0.00	26.60 -0.65 0.00	25.73 -0.66 0.00	25.52 -0.79 0.00	25.61 -0.79 0.00	25.93 -0.78 0.00	29.19 -1.00 0.00	34.91 -1.95 0.00	29.64 -1.08 0.00	27.80 -0.68 0.00	25.56 -0.44 0.00	23.83 -0.51 0.00	23.32 -0.45 0.00	22.55 -0.02 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.88 0.62 0.00	20.75 0.55 0.00	19.98 0.47 0.00	19.52 0.48 0.00	19.97 0.47 0.00	21.13 0.52 0.00	24.11 0.66 0.00	26.16 1.01 0.00	27.34 1.13 0.00	28.72 1.24 0.00	29.10 1.20 0.00	28.43 1.17 0.00	27.55 1.16 0.00	27.49 1.18 0.00	27.59 1.19 0.00	27.90 1.20 0.00	31.63 1.45 0.00	38.70 1.84 0.00	32.22 1.51 0.00	29.82 1.34 0.00	27.17 1.17 0.00	25.39 1.05 0.00	24.68 0.90 0.00	23.29 0.72 0.00
MILLWOOD_13_KV_LOAD 356217	21.93 0.66 0.00	20.79 0.59 0.00	20.02 0.51 0.00	19.55 0.51 0.00	19.99 0.49 0.00	21.15 0.54 0.00	24.13 0.68 0.00	26.21 1.06 0.00	27.36 1.15 0.00	28.78 1.29 0.00	29.16 1.26 0.00	28.51 1.25 0.00	27.60 1.21 0.00	27.54 1.24 0.00	27.67 1.27 0.00	27.98 1.28 0.00	31.69 1.51 0.00	38.81 1.95 0.00	32.31 1.60 0.00	29.88 1.40 0.00	27.22 1.22 0.00	25.46 1.12 0.00	24.72 0.95 0.00	23.32 0.74 0.00
MODEL_CITY_ENERGY 24167	20.67 -0.60 0.00	19.68 -0.53 0.00	19.16 -0.35 0.00	18.64 -0.40 0.00	19.21 -0.29 0.00	20.14 -0.47 0.00	22.77 -0.68 0.00	23.93 -1.23 0.00	24.98 -1.23 0.00	25.97 -1.51 0.00	26.34 -1.56 0.00	25.76 -1.50 0.00	24.88 -1.50 0.00	24.70 -1.61 0.00	24.76 -1.64 0.00	25.05 -1.66 0.00	28.16 -2.02 0.00	33.54 -3.32 0.00	28.56 -2.15 0.00	26.89 -1.59 0.00	24.70 -1.30 0.00	23.10 -1.24 0.00	22.63 -1.14 0.00	21.99 -0.59 0.00
MODERN_LFGE___ 323580	20.67 -0.60 0.00	19.68 -0.53 0.00	19.16 -0.35 0.00	18.64 -0.40 0.00	19.21 -0.29 0.00	20.14 -0.47 0.00	22.77 -0.68 0.00	23.93 -1.23 0.00	24.98 -1.23 0.00	25.97 -1.51 0.00	26.34 -1.56 0.00	25.76 -1.50 0.00	24.88 -1.50 0.00	24.70 -1.61 0.00	24.76 -1.64 0.00	25.05 -1.66 0.00	28.16 -2.02 0.00	33.54 -3.32 0.00	28.56 -2.15 0.00	26.89 -1.59 0.00	24.70 -1.30 0.00	23.10 -1.24 0.00	22.63 -1.14 0.00	21.99 -0.59 0.00
MOHAWK_PAPER___DRP 24187	21.67 0.40 0.00	20.61 0.40 0.00	19.90 0.39 0.00	19.42 0.38 0.00	19.89 0.39 0.00	21.05 0.43 0.00	23.87 0.42 0.00	25.74 0.58 0.00	26.74 0.52 0.00	28.03 0.55 0.00	28.46 0.56 0.00	27.83 0.57 0.00	26.94 0.55 0.00	26.93 0.63 0.00	27.01 0.61 0.00	27.34 0.64 0.00	30.97 0.78 0.00	37.86 1.00 0.00	31.45 0.74 0.00	29.08 0.60 0.00	26.60 0.60 0.00	24.90 0.56 0.00	24.20 0.43 0.00	22.89 0.32 0.00
MOHICAN___35_KV_115KV_LD 80490	22.23 0.96 0.00	21.09 0.89 0.00	20.35 0.84 0.00	19.88 0.84 0.00	20.38 0.88 0.00	21.58 0.97 0.00	24.55 1.10 0.00	26.52 1.36 0.00	27.68 1.47 0.00	29.05 1.57 0.00	29.52 1.62 0.00	28.87 1.61 0.00	27.92 1.53 0.00	27.88 1.58 0.00	27.98 1.58 0.00	28.36 1.66 0.00	32.09 1.90 0.00	39.26 2.40 0.00	32.68 1.97 0.00	30.14 1.65 0.00	27.51 1.51 0.00	25.73 1.39 0.00	24.96 1.19 0.00	23.63 1.06 0.00
MONGAUP___HYD 23641	21.67 0.40 0.00	20.55 0.34 0.00	19.82 0.31 0.00	19.33 0.29 0.00	19.77 0.27 0.00	20.92 0.31 0.00	23.85 0.40 0.00	25.71 0.55 0.00	26.84 0.63 0.00	28.12 0.63 0.00	28.52 0.61 0.00	27.86 0.60 0.00	26.97 0.58 0.00	26.88 0.58 0.00	27.03 0.63 0.00	27.37 0.67 0.00	31.00 0.82 0.00	37.60 0.74 0.00	31.36 0.65 0.00	29.34 0.85 0.00	26.70 0.70 0.00	24.87 0.53 0.00	24.32 0.55 0.00	22.93 0.36 0.00
MONTAUK___DIESEL 23721	24.36 2.15 -0.94	22.27 2.06 0.00	21.39 1.87 0.00	20.77 1.73 0.00	21.31 1.81 0.00	22.57 1.96 0.00	26.60 2.35 -0.80	29.30 2.77 -1.37	30.48 2.96 -1.31	34.46 3.38 -3.60	33.00 3.52 -1.58	32.65 3.38 -2.01	30.00 2.74 -0.87	30.20 2.79 -1.10	29.95 2.77 -0.78	31.09 2.83 -1.56	33.73 3.50 -0.04	42.20 4.68 -0.66	34.50 3.59 -0.19	31.73 3.16 -0.09	30.65 2.73 -1.92	28.93 2.46 -2.13	25.91 2.14 0.00	26.42 2.30 -1.55
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.78 0.51 0.00	20.71 0.51 0.00	20.16 0.64 0.00	19.69 0.65 0.00	20.13 0.62 0.00	21.21 0.60 0.00	24.13 0.68 0.00	25.46 0.30 0.00	26.66 0.45 0.00	27.70 0.22 0.00	28.10 0.20 0.00	27.45 0.19 0.00	26.44 0.05 0.00	26.17 -0.13 0.00	26.21 -0.18 0.00	26.49 -0.21 0.00	29.64 -0.54 0.00	35.79 -1.07 0.00	30.32 -0.40 0.00	28.48 0.00 0.00	26.05 0.05 0.00	24.36 0.02 0.00	23.84 0.07 0.00	23.11 0.54 0.00
MORTIMER_115KV_TB3 55949	21.06 -0.21 0.00	20.00 -0.20 0.00	19.41 -0.10 0.00	18.91 -0.13 0.00	19.44 -0.06 0.00	20.45 -0.16 0.00	23.17 -0.28 0.00	24.60 -0.55 0.00	25.74 -0.47 0.00	26.91 -0.58 0.00	27.29 -0.61 0.00	26.69 -0.57 0.00	25.81 -0.58 0.00	25.65 -0.66 0.00	25.74 -0.66 0.00	26.06 -0.64 0.00	29.28 -0.91 0.00	35.42 -1.44 0.00	29.86 -0.86 0.00	27.89 -0.60 0.00	25.53 -0.47 0.00	23.80 -0.54 0.00	23.37 -0.40 0.00	22.41 -0.16 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.01 0.74 0.00	20.85 0.65 0.00	20.08 0.57 0.00	19.61 0.57 0.00	20.05 0.55 0.00	21.21 0.60 0.00	24.25 0.80 0.00	26.34 1.18 0.00	27.52 1.31 0.00	28.94 1.46 0.00	29.30 1.40 0.00	28.65 1.39 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.12 1.42 0.00	31.91 1.72 0.00	39.07 2.21 0.00	32.50 1.78 0.00	30.08 1.60 0.00	27.35 1.35 0.00	25.56 1.22 0.00	24.87 1.09 0.00	23.45 0.88 0.00

MUNSVILLE_WIND_PWR 323609	23.03 1.76 0.00	21.86 1.66 0.00	21.04 1.52 0.00	20.49 1.45 0.00	20.98 1.48 0.00	22.26 1.65 0.00	25.35 1.90 0.00	27.32 2.16 0.00	28.52 2.31 0.00	30.07 2.58 0.00	30.56 2.65 0.00	29.77 2.51 0.00	28.66 2.27 0.00	28.57 2.26 0.00	28.78 2.38 0.00	29.13 2.43 0.00	33.05 2.87 0.00	40.51 3.65 0.00	33.76 3.04 0.00	31.36 2.88 0.00	28.57 2.57 0.00	26.70 2.36 0.00	25.84 2.07 0.00	24.49 1.92 0.00
N SALMON___HYD 24042	21.74 0.47 0.00	20.67 0.47 0.00	19.98 0.47 0.00	19.48 0.44 0.00	19.93 0.43 0.00	21.07 0.45 0.00	24.04 0.59 0.00	25.89 0.73 0.00	27.00 0.79 0.00	28.34 0.85 0.00	28.77 0.87 0.00	28.02 0.76 0.00	27.13 0.74 0.00	26.99 0.68 0.00	27.03 0.63 0.00	27.37 0.67 0.00	30.94 0.75 0.00	37.86 1.00 0.00	31.51 0.80 0.00	29.20 0.71 0.00	26.57 0.57 0.00	24.80 0.46 0.00	24.22 0.45 0.00	23.00 0.43 0.00
N.AKRON__115KV_KNAPP 355671	21.16 -0.11 0.00	20.20 0.00 0.00	19.67 0.16 0.00	19.10 0.06 0.00	19.68 0.18 0.00	20.59 -0.02 0.00	23.29 -0.16 0.00	24.55 -0.60 0.00	25.77 -0.45 0.00	26.82 -0.66 0.00	27.21 -0.70 0.00	26.60 -0.65 0.00	25.70 -0.69 0.00	25.51 -0.79 0.00	25.58 -0.82 0.00	25.90 -0.80 0.00	28.98 -1.21 0.00	34.87 -1.99 0.00	29.61 -1.11 0.00	27.80 -0.68 0.00	25.45 -0.55 0.00	23.76 -0.58 0.00	23.32 -0.45 0.00	22.53 -0.05 0.00
N.BELMOR_69_KV_BK1 55787	23.38 1.17 -0.94	21.28 1.07 0.00	20.45 0.94 0.00	19.92 0.88 0.00	20.40 0.90 0.00	21.60 0.99 0.00	25.54 1.29 -0.80	28.19 1.66 -1.37	29.33 1.81 -1.31	33.03 1.95 -3.60	31.41 1.93 -1.58	31.18 1.91 -2.01	29.13 1.87 -0.87	29.20 1.79 -1.10	29.00 1.82 -0.78	30.19 1.92 -1.56	32.52 2.29 -0.04	40.43 2.91 -0.66	33.30 2.40 -0.19	30.73 2.16 -0.09	29.79 1.87 -1.92	28.20 1.73 -2.13	25.27 1.50 0.00	25.45 1.33 -1.55
N.E._GEN_SANDY PD 24062	21.69 0.43 0.00	20.61 0.40 0.00	19.88 0.37 0.00	19.42 0.38 0.00	19.87 0.37 0.00	21.03 0.41 0.00	23.90 0.44 0.00	25.81 0.65 0.00	26.92 0.71 0.00	28.23 0.74 0.00	28.68 0.78 0.00	28.05 0.79 0.00	27.15 0.77 0.00	27.15 0.84 0.00	27.22 0.82 0.00	27.53 0.83 0.00	31.18 0.99 0.00	38.15 1.29 0.00	31.70 0.98 0.00	29.28 0.80 0.00	26.70 0.70 0.00	24.90 0.56 0.00	24.32 0.55 0.00	23.00 0.43 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.88 0.62 0.00	20.77 0.57 0.00	20.00 0.49 0.00	19.52 0.48 0.00	19.97 0.47 0.00	21.13 0.52 0.00	24.13 0.68 0.00	26.19 1.03 0.00	27.34 1.13 0.00	28.72 1.24 0.00	29.10 1.20 0.00	28.46 1.20 0.00	27.58 1.19 0.00	27.49 1.18 0.00	27.61 1.21 0.00	27.90 1.20 0.00	31.63 1.45 0.00	38.70 1.84 0.00	32.25 1.54 0.00	29.85 1.37 0.00	27.19 1.20 0.00	25.41 1.07 0.00	24.70 0.93 0.00	23.32 0.74 0.00
N.QUEENS_27_KV_LOAD 356247	22.28 1.00 -0.01	21.09 0.89 0.00	20.27 0.76 0.00	19.78 0.74 0.00	20.24 0.74 0.00	21.36 0.74 0.00	24.34 0.89 0.00	26.34 1.18 0.00	27.47 1.26 0.00	28.91 1.43 0.00	29.21 1.31 0.00	28.57 1.31 0.00	27.71 1.32 0.00	27.62 1.32 0.00	27.74 1.35 0.00	28.06 1.36 0.00	31.84 1.66 0.00	39.03 2.17 0.00	32.47 1.75 0.00	30.02 1.54 0.00	27.27 1.27 0.00	25.51 1.17 0.00	24.99 1.21 0.00	23.64 1.06 -0.01
N.TROY___115KV_TB1 355778	21.74 0.47 0.00	20.65 0.44 0.00	19.92 0.41 0.00	19.44 0.40 0.00	19.93 0.43 0.00	21.09 0.47 0.00	23.97 0.52 0.00	25.84 0.68 0.00	26.92 0.71 0.00	28.20 0.71 0.00	28.66 0.75 0.00	28.02 0.76 0.00	27.13 0.74 0.00	27.12 0.82 0.00	27.19 0.79 0.00	27.50 0.80 0.00	31.18 1.00 0.00	38.11 1.25 0.00	31.67 0.95 0.00	29.25 0.77 0.00	26.75 0.75 0.00	25.05 0.71 0.00	24.32 0.55 0.00	23.02 0.45 0.00
NARROWS_GT1_1 24228	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
NARROWS_GT1_2 24229	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
NARROWS_GT1_3 24230	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
NARROWS_GT1_4 24231	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
NARROWS_GT1_5 24232	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
NARROWS_GT1_6 24233	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
NARROWS_GT1_7 24234	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01

NARROWS_GT1_8 24235	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
NARROWS_GT2_1 24236	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
NARROWS_GT2_2 24237	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
NARROWS_GT2_3 24238	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
NARROWS_GT2_4 24239	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
NARROWS_GT2_5 24240	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
NARROWS_GT2_6 24241	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
NARROWS_GT2_7 24242	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
NARROWS_GT2_8 24243	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.22 1.74 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.08 0.81 0.00	20.97 0.77 0.00	20.25 0.74 0.00	19.76 0.72 0.00	20.24 0.74 0.00	21.38 0.76 0.00	24.25 0.80 0.00	25.96 0.81 0.00	26.89 0.68 0.00	28.12 0.63 0.00	28.57 0.67 0.00	27.91 0.65 0.00	27.02 0.63 0.00	26.99 0.68 0.00	27.14 0.74 0.00	27.53 0.83 0.00	31.21 1.03 0.00	38.15 1.29 0.00	31.79 1.08 0.00	29.34 0.85 0.00	26.83 0.83 0.00	25.12 0.78 0.00	24.44 0.67 0.00	23.11 0.54 0.00
NCHELSEA_115KV_TR2 355582	21.97 0.70 0.00	20.83 0.63 0.00	20.08 0.57 0.00	19.59 0.55 0.00	20.05 0.55 0.00	21.17 0.56 0.00	24.18 0.73 0.00	26.11 0.96 0.00	27.29 1.07 0.00	28.67 1.18 0.00	29.05 1.14 0.00	28.40 1.14 0.00	27.52 1.13 0.00	27.43 1.13 0.00	27.59 1.19 0.00	27.90 1.20 0.00	31.60 1.42 0.00	38.67 1.81 0.00	32.22 1.51 0.00	29.79 1.31 0.00	27.17 1.17 0.00	25.39 1.05 0.00	24.68 0.90 0.00	23.29 0.72 0.00
NEG CAPITAL___MECHNVIL 23645	22.01 0.74 0.00	20.91 0.71 0.00	20.18 0.66 0.00	19.71 0.67 0.00	20.18 0.68 0.00	21.36 0.74 0.00	24.27 0.82 0.00	26.19 1.03 0.00	27.34 1.13 0.00	28.67 1.18 0.00	29.16 1.26 0.00	28.49 1.23 0.00	27.58 1.19 0.00	27.54 1.24 0.00	27.64 1.24 0.00	27.98 1.28 0.00	31.69 1.51 0.00	38.74 1.88 0.00	32.22 1.50 0.00	29.77 1.28 0.00	27.14 1.14 0.00	25.34 1.00 0.00	24.70 0.93 0.00	23.38 0.81 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.67 -0.60 0.00	19.62 -0.59 0.00	19.03 -0.49 0.00	18.53 -0.51 0.00	19.05 -0.45 0.00	20.08 -0.54 0.00	22.82 -0.63 0.00	24.28 -0.88 0.00	25.29 -0.92 0.00	26.50 -0.99 0.00	26.90 -1.00 0.00	26.30 -0.95 0.00	25.44 -0.95 0.00	25.30 -1.00 0.00	25.40 -1.00 0.00	25.71 -0.99 0.00	29.04 -1.15 0.00	35.09 -1.77 0.00	29.49 -1.23 0.00	27.49 -1.00 0.00	25.22 -0.78 0.00	23.54 -0.80 0.00	22.99 -0.78 0.00	22.01 -0.56 0.00
NEG CENTRAL___DRP 24199	21.31 0.04 0.00	20.23 0.02 0.00	19.57 0.06 0.00	19.10 0.06 0.00	19.58 0.08 0.00	20.72 0.10 0.00	23.52 0.07 0.00	25.13 -0.03 0.00	26.21 0.00 0.00	27.46 -0.03 0.00	27.90 0.00 0.00	27.26 0.00 0.00	26.36 -0.03 0.00	26.22 -0.08 0.00	26.35 -0.05 0.00	26.67 -0.03 0.00	30.09 -0.09 0.00	36.53 -0.33 0.00	30.65 -0.06 0.00	28.54 0.06 0.00	26.05 0.05 0.00	24.34 0.00 0.00	23.80 0.02 0.00	22.73 0.16 0.00
NEG CENTRAL___INDECK 23768	21.93 0.66 0.00	20.77 0.56 0.00	20.16 0.64 0.00	19.63 0.59 0.00	20.20 0.70 0.00	21.32 0.70 0.00	24.20 0.75 0.00	25.81 0.65 0.00	26.89 0.68 0.00	28.09 0.60 0.00	28.43 0.53 0.00	27.80 0.54 0.00	26.86 0.48 0.00	26.67 0.37 0.00	26.79 0.40 0.00	27.24 0.53 0.00	30.82 0.63 0.00	37.19 0.33 0.00	31.33 0.61 0.00	29.25 0.77 0.00	26.85 0.86 0.00	24.92 0.58 0.00	24.34 0.57 0.00	23.36 0.79 0.00

NEG CENTRAL___SENECA 23627	21.48 0.21 0.00	20.39 0.18 0.00	19.73 0.21 0.00	19.25 0.21 0.00	19.75 0.25 0.00	20.88 0.27 0.00	23.71 0.26 0.00	25.33 0.18 0.00	26.45 0.24 0.00	27.68 0.19 0.00	28.10 0.20 0.00	27.48 0.22 0.00	26.55 0.16 0.00	26.41 0.11 0.00	26.50 0.11 0.00	26.86 0.16 0.00	30.31 0.12 0.00	36.64 -0.22 0.00	30.90 0.18 0.00	28.77 0.28 0.00	26.28 0.29 0.00	24.53 0.19 0.00	23.96 0.19 0.00	22.91 0.34 0.00
NEG CENTRAL___STATE_STREET 24147	21.29 0.02 0.00	20.20 0.00 0.00	19.53 0.02 0.00	19.06 0.02 0.00	19.54 0.04 0.00	20.68 0.06 0.00	23.52 0.07 0.00	25.13 -0.03 0.00	26.21 0.00 0.00	27.48 0.00 0.00	27.93 0.03 0.00	27.29 0.03 0.00	26.39 0.00 0.00	26.30 0.00 0.00	26.40 0.00 0.00	26.73 0.03 0.00	30.18 0.00 0.00	36.75 -0.11 0.00	30.72 0.00 0.00	28.54 0.06 0.00	26.08 0.08 0.00	24.36 0.02 0.00	23.82 0.05 0.00	22.69 0.11 0.00
NEG MILLWOOD___DRP 24198	22.10 0.83 0.00	20.95 0.75 0.00	20.18 0.66 0.00	19.69 0.65 0.00	20.13 0.62 0.00	21.25 0.64 0.00	24.23 0.77 0.00	26.26 1.11 0.00	27.44 1.23 0.00	28.89 1.40 0.00	29.30 1.40 0.00	28.62 1.36 0.00	27.71 1.32 0.00	27.62 1.32 0.00	27.77 1.37 0.00	28.12 1.42 0.00	31.88 1.69 0.00	39.07 2.21 0.00	32.50 1.78 0.00	29.99 1.51 0.00	27.35 1.35 0.00	25.56 1.22 0.00	24.82 1.05 0.00	23.41 0.84 0.00
NEG NORTH_FLCN_SEA 23793	22.08 0.81 0.00	20.99 0.79 0.00	20.29 0.78 0.00	19.78 0.74 0.00	20.24 0.74 0.00	21.38 0.76 0.00	24.37 0.91 0.00	26.21 1.06 0.00	27.34 1.13 0.00	28.67 1.18 0.00	29.10 1.20 0.00	28.38 1.12 0.00	27.47 1.08 0.00	27.30 1.00 0.00	27.35 0.95 0.00	27.69 0.99 0.00	31.27 1.09 0.00	38.26 1.40 0.00	31.85 1.14 0.00	29.54 1.05 0.00	26.88 0.88 0.00	25.12 0.78 0.00	24.56 0.78 0.00	23.32 0.74 0.00
NEG NORTH_KES_CHATAGAY 23792	21.78 0.51 0.00	20.71 0.51 0.00	20.02 0.51 0.00	19.52 0.48 0.00	19.97 0.47 0.00	21.09 0.47 0.00	24.04 0.59 0.00	25.86 0.70 0.00	26.95 0.73 0.00	28.25 0.77 0.00	28.68 0.78 0.00	27.97 0.71 0.00	27.07 0.69 0.00	26.91 0.60 0.00	26.95 0.55 0.00	27.29 0.59 0.00	30.85 0.66 0.00	37.74 0.88 0.00	31.42 0.71 0.00	29.14 0.66 0.00	26.52 0.52 0.00	24.78 0.44 0.00	24.20 0.43 0.00	22.98 0.41 0.00
NEG NORTH___ALICE_FALLS 23915	22.12 0.85 0.00	21.03 0.83 0.00	20.33 0.82 0.00	19.82 0.78 0.00	20.26 0.76 0.00	21.42 0.80 0.00	24.44 0.98 0.00	26.29 1.13 0.00	27.42 1.21 0.00	28.75 1.26 0.00	29.19 1.28 0.00	28.46 1.20 0.00	27.55 1.16 0.00	27.38 1.08 0.00	27.43 1.03 0.00	27.77 1.07 0.00	31.39 1.21 0.00	38.45 1.58 0.00	32.01 1.29 0.00	29.65 1.17 0.00	26.99 0.99 0.00	25.19 0.85 0.00	24.60 0.83 0.00	23.36 0.79 0.00
NEG NORTH___LWR_SARANAC 23913	22.12 0.85 0.00	21.03 0.83 0.00	20.33 0.82 0.00	19.82 0.78 0.00	20.26 0.76 0.00	21.42 0.80 0.00	24.44 0.98 0.00	26.29 1.13 0.00	27.42 1.21 0.00	28.75 1.26 0.00	29.19 1.28 0.00	28.46 1.20 0.00	27.55 1.16 0.00	27.38 1.08 0.00	27.43 1.03 0.00	27.77 1.07 0.00	31.39 1.21 0.00	38.45 1.58 0.00	32.01 1.29 0.00	29.65 1.17 0.00	26.99 0.99 0.00	25.19 0.85 0.00	24.60 0.83 0.00	23.36 0.79 0.00
NEG NORTH___PLATTSBURG 23628	22.12 0.85 0.00	21.03 0.83 0.00	20.33 0.82 0.00	19.82 0.78 0.00	20.26 0.76 0.00	21.42 0.80 0.00	24.44 0.98 0.00	26.29 1.13 0.00	27.42 1.21 0.00	28.75 1.26 0.00	29.19 1.28 0.00	28.46 1.20 0.00	27.55 1.16 0.00	27.38 1.08 0.00	27.43 1.03 0.00	27.77 1.07 0.00	31.39 1.21 0.00	38.44 1.58 0.00	32.01 1.29 0.00	29.65 1.17 0.00	26.99 0.99 0.00	25.19 0.85 0.00	24.60 0.83 0.00	23.36 0.79 0.00
NEG WEST_LEA_LOCKPORT 23791	20.86 -0.40 0.00	19.94 -0.26 0.00	19.41 -0.10 0.00	18.87 -0.17 0.00	19.42 -0.08 0.00	20.31 -0.31 0.00	22.94 -0.52 0.00	24.10 -1.06 0.00	25.29 -0.92 0.00	26.30 -1.18 0.00	26.68 -1.23 0.00	26.09 -1.17 0.00	25.20 -1.19 0.00	25.01 -1.29 0.00	25.08 -1.32 0.00	25.37 -1.34 0.00	28.31 -1.87 0.00	33.99 -2.88 0.00	28.93 -1.78 0.00	27.20 -1.28 0.00	24.91 -1.09 0.00	23.32 -1.02 0.00	22.92 -0.86 0.00	22.21 -0.36 0.00
NEG WEST___LANCASTER 23811	21.61 0.34 0.00	20.61 0.40 0.00	20.04 0.53 0.00	19.53 0.50 0.00	20.03 0.53 0.00	21.07 0.45 0.00	23.85 0.40 0.00	25.16 0.00 0.00	26.37 0.16 0.00	27.43 -0.05 0.00	27.82 -0.08 0.00	27.20 -0.05 0.00	26.28 -0.11 0.00	26.04 -0.26 0.00	26.11 -0.29 0.00	26.41 -0.29 0.00	29.49 -0.69 0.00	35.57 -1.29 0.00	30.19 -0.52 0.00	28.37 -0.11 0.00	25.97 -0.03 0.00	24.34 0.00 0.00	23.87 0.10 0.00	23.11 0.54 0.00
NEG_PENN_ALLEGHNY 23528	21.44 0.17 0.00	20.37 0.16 0.00	19.69 0.18 0.00	19.21 0.17 0.00	19.70 0.19 0.00	20.82 0.21 0.00	23.69 0.23 0.00	25.33 0.18 0.00	26.40 0.18 0.00	27.65 0.17 0.00	28.07 0.17 0.00	27.42 0.16 0.00	26.52 0.13 0.00	26.41 0.11 0.00	26.50 0.11 0.00	26.81 0.11 0.00	30.28 0.09 0.00	36.86 0.00 0.00	30.84 0.12 0.00	28.69 0.20 0.00	26.23 0.23 0.00	24.53 0.19 0.00	23.96 0.19 0.00	22.86 0.29 0.00
NEG___GEN_MONROE 24207	21.16 -0.11 0.00	20.14 -0.06 0.00	19.55 0.04 0.00	19.02 -0.02 0.00	19.56 0.06 0.00	20.57 -0.04 0.00	23.29 -0.16 0.00	24.63 -0.53 0.00	25.77 -0.45 0.00	26.91 -0.58 0.00	27.21 -0.70 0.00	26.63 -0.63 0.00	25.81 -0.58 0.00	25.65 -0.66 0.00	25.71 -0.69 0.00	25.98 -0.72 0.00	29.16 -1.03 0.00	35.20 -1.66 0.00	29.76 -0.95 0.00	27.80 -0.68 0.00	25.40 -0.60 0.00	23.68 -0.66 0.00	23.30 -0.48 0.00	22.39 -0.18 0.00
NEPA___ENERGY 23901	21.37 0.11 0.00	20.39 0.18 0.00	19.82 0.31 0.00	19.34 0.30 0.00	19.81 0.31 0.00	20.86 0.25 0.00	23.64 0.19 0.00	24.93 -0.23 0.00	26.11 -0.10 0.00	27.15 -0.33 0.00	27.54 -0.36 0.00	26.93 -0.33 0.00	25.99 -0.40 0.00	25.75 -0.55 0.00	25.82 -0.58 0.00	26.09 -0.61 0.00	29.16 -1.03 0.00	35.16 -1.70 0.00	29.86 -0.86 0.00	28.06 -0.43 0.00	25.71 -0.29 0.00	24.10 -0.24 0.00	23.61 -0.17 0.00	22.87 0.29 0.00
NEVERSink___HYD 23608	21.84 0.57 0.00	20.71 0.51 0.00	19.98 0.47 0.00	19.48 0.44 0.00	19.93 0.43 0.00	21.11 0.49 0.00	24.09 0.63 0.00	25.99 0.83 0.00	27.15 0.94 0.00	28.45 0.96 0.00	28.85 0.95 0.00	28.21 0.95 0.00	27.31 0.92 0.00	27.20 0.89 0.00	27.38 0.98 0.00	27.69 0.99 0.00	31.33 1.15 0.00	38.37 1.51 0.00	32.01 1.29 0.00	29.68 1.20 0.00	27.01 1.01 0.00	25.14 0.80 0.00	24.56 0.78 0.00	23.18 0.61 0.00
NEWKRMKL_115KV_TB1 55635	21.54 0.28 0.00	20.51 0.30 0.00	19.79 0.27 0.00	19.32 0.29 0.00	19.79 0.29 0.00	20.92 0.31 0.00	23.71 0.26 0.00	25.56 0.40 0.00	26.45 0.24 0.00	27.73 0.25 0.00	28.18 0.28 0.00	27.53 0.27 0.00	26.68 0.29 0.00	26.65 0.34 0.00	26.71 0.32 0.00	27.05 0.35 0.00	30.64 0.45 0.00	37.45 0.59 0.00	31.15 0.43 0.00	28.77 0.28 0.00	26.28 0.29 0.00	24.63 0.29 0.00	23.96 0.19 0.00	22.66 0.09 0.00

NEWTON___FALLS_HYD 23847	20.74 -0.53 0.00	19.70 -0.51 0.00	19.01 -0.51 0.00	18.53 -0.51 0.00	18.99 -0.51 0.00	20.10 -0.52 0.00	22.94 -0.52 0.00	24.70 -0.45 0.00	25.77 -0.45 0.00	27.04 -0.44 0.00	27.46 -0.45 0.00	26.69 -0.57 0.00	25.81 -0.58 0.00	25.73 -0.58 0.00	25.82 -0.58 0.00	26.14 -0.56 0.00	29.61 -0.57 0.00	36.23 -0.63 0.00	30.07 -0.65 0.00	27.89 -0.60 0.00	25.37 -0.62 0.00	23.83 -0.51 0.00	23.25 -0.52 0.00	22.01 -0.56 0.00
NGRID_A1_DSASP 323792	20.44 -0.83 0.00	19.58 -0.63 0.00	19.08 -0.43 0.00	18.56 -0.48 0.00	19.13 -0.37 0.00	19.98 -0.64 0.00	22.54 -0.92 0.00	23.65 -1.51 0.00	24.69 -1.52 0.00	25.67 -1.81 0.00	26.03 -1.87 0.00	25.46 -1.80 0.00	24.59 -1.80 0.00	24.41 -1.89 0.00	24.47 -1.93 0.00	24.75 -1.95 0.00	27.80 -2.39 0.00	33.06 -3.80 0.00	28.23 -2.49 0.00	26.55 -1.94 0.00	24.41 -1.59 0.00	22.85 -1.49 0.00	22.39 -1.38 0.00	21.78 -0.79 0.00
NGRID_A2_DSASP 323793	20.44 -0.83 0.00	19.58 -0.63 0.00	19.08 -0.43 0.00	18.56 -0.48 0.00	19.13 -0.37 0.00	19.98 -0.64 0.00	22.54 -0.92 0.00	23.65 -1.51 0.00	24.69 -1.52 0.00	25.67 -1.81 0.00	26.03 -1.87 0.00	25.46 -1.80 0.00	24.59 -1.80 0.00	24.41 -1.89 0.00	24.47 -1.93 0.00	24.75 -1.95 0.00	27.80 -2.39 0.00	33.06 -3.80 0.00	28.23 -2.49 0.00	26.55 -1.94 0.00	24.41 -1.59 0.00	22.85 -1.49 0.00	22.39 -1.38 0.00	21.78 -0.79 0.00
NGRID_A4_DSASP 323807	20.44 -0.83 0.00	19.58 -0.63 0.00	19.08 -0.43 0.00	18.56 -0.48 0.00	19.13 -0.37 0.00	19.98 -0.64 0.00	22.54 -0.92 0.00	23.65 -1.51 0.00	24.69 -1.52 0.00	25.67 -1.81 0.00	26.03 -1.87 0.00	25.46 -1.80 0.00	24.59 -1.80 0.00	24.41 -1.89 0.00	24.47 -1.93 0.00	24.75 -1.95 0.00	27.80 -2.39 0.00	33.06 -3.80 0.00	28.23 -2.49 0.00	26.55 -1.94 0.00	24.41 -1.59 0.00	22.85 -1.49 0.00	22.39 -1.38 0.00	21.78 -0.79 0.00
NIAGARA_115E_LBMP 323715	20.57 -0.70 0.00	19.56 -0.65 0.00	19.04 -0.47 0.00	18.53 -0.51 0.00	19.11 -0.39 0.00	20.02 -0.60 0.00	22.63 -0.82 0.00	23.75 -1.41 0.00	24.80 -1.42 0.00	25.78 -1.70 0.00	26.15 -1.76 0.00	25.60 -1.66 0.00	24.73 -1.66 0.00	24.51 -1.79 0.00	24.58 -1.82 0.00	24.86 -1.84 0.00	27.95 -2.23 0.00	33.29 -3.57 0.00	28.38 -2.34 0.00	26.69 -1.79 0.00	24.54 -1.46 0.00	22.95 -1.39 0.00	22.49 -1.28 0.00	21.85 -0.72 0.00
NIAGARA_115W_LBMP 323714	20.38 -0.89 0.00	19.54 -0.67 0.00	19.04 -0.47 0.00	18.51 -0.53 0.00	19.09 -0.41 0.00	19.91 -0.70 0.00	22.49 -0.96 0.00	23.57 -1.58 0.00	24.61 -1.60 0.00	25.59 -1.90 0.00	25.95 -1.95 0.00	25.40 -1.85 0.00	24.54 -1.85 0.00	24.36 -1.95 0.00	24.39 -2.01 0.00	24.67 -2.03 0.00	27.71 -2.47 0.00	32.99 -3.87 0.00	28.14 -2.58 0.00	26.49 -1.99 0.00	24.33 -1.66 0.00	22.81 -1.53 0.00	22.35 -1.43 0.00	21.71 -0.86 0.00
NIAGARA_230_LBMP 323716	20.69 -0.57 0.00	19.74 -0.46 0.00	19.22 -0.29 0.00	18.70 -0.34 0.00	19.27 -0.23 0.00	20.18 -0.43 0.00	22.82 -0.63 0.00	23.98 -1.18 0.00	25.03 -1.18 0.00	26.00 -1.48 0.00	26.40 -1.51 0.00	25.81 -1.45 0.00	24.94 -1.45 0.00	24.75 -1.55 0.00	24.79 -1.61 0.00	25.07 -1.63 0.00	28.19 -1.99 0.00	33.54 -3.32 0.00	28.63 -2.09 0.00	26.92 -1.57 0.00	24.75 -1.25 0.00	23.17 -1.17 0.00	22.70 -1.07 0.00	22.05 -0.52 0.00
NIAGARA___115KV_198_GIBSON 55903	20.40 -0.87 0.00	19.44 -0.77 0.00	18.95 -0.57 0.00	18.51 -0.53 0.00	18.94 -0.57 0.00	19.87 -0.74 0.00	22.37 -1.08 0.00	23.47 -1.69 0.00	24.61 -1.60 0.00	25.59 -1.90 0.00	25.95 -1.95 0.00	25.41 -1.85 0.00	24.54 -1.85 0.00	24.36 -1.95 0.00	24.39 -2.01 0.00	24.67 -2.03 0.00	27.53 -2.66 0.00	32.99 -3.87 0.00	28.14 -2.58 0.00	26.49 -1.99 0.00	24.23 -1.77 0.00	22.71 -1.63 0.00	22.35 -1.43 0.00	21.69 -0.88 0.00
NIAGARA____ 23760	20.69 -0.57 0.00	19.74 -0.46 0.00	19.22 -0.29 0.00	18.70 -0.34 0.00	19.27 -0.23 0.00	20.18 -0.43 0.00	22.82 -0.63 0.00	23.98 -1.18 0.00	25.03 -1.18 0.00	26.00 -1.48 0.00	26.40 -1.51 0.00	25.81 -1.45 0.00	24.94 -1.45 0.00	24.75 -1.55 0.00	24.79 -1.61 0.00	25.07 -1.63 0.00	28.19 -1.99 0.00	33.54 -3.32 0.00	28.63 -2.09 0.00	26.92 -1.57 0.00	24.75 -1.25 0.00	23.17 -1.17 0.00	22.70 -1.07 0.00	22.05 -0.52 0.00
NINE_MILE_1 23575	20.67 -0.60 0.00	19.64 -0.57 0.00	18.99 -0.53 0.00	18.53 -0.51 0.00	18.98 -0.53 0.00	20.06 -0.56 0.00	22.80 -0.66 0.00	24.28 -0.88 0.00	25.27 -0.94 0.00	26.47 -1.02 0.00	26.90 -1.00 0.00	26.28 -0.98 0.00	25.44 -0.95 0.00	25.33 -0.97 0.00	25.45 -0.95 0.00	25.74 -0.96 0.00	29.07 -1.12 0.00	35.42 -1.44 0.00	29.55 -1.17 0.00	27.46 -1.02 0.00	25.11 -0.88 0.00	23.58 -0.75 0.00	23.06 -0.71 0.00	21.96 -0.61 0.00
NINE_MILE_2 23744	20.67 -0.60 0.00	19.64 -0.57 0.00	18.99 -0.53 0.00	18.53 -0.51 0.00	18.98 -0.53 0.00	20.06 -0.56 0.00	22.80 -0.66 0.00	24.28 -0.88 0.00	25.27 -0.94 0.00	26.47 -1.02 0.00	26.90 -1.00 0.00	26.28 -0.98 0.00	25.44 -0.95 0.00	25.33 -0.97 0.00	25.45 -0.95 0.00	25.74 -0.96 0.00	29.07 -1.12 0.00	35.42 -1.44 0.00	29.55 -1.17 0.00	27.46 -1.02 0.00	25.11 -0.88 0.00	23.61 -0.73 0.00	23.06 -0.71 0.00	21.96 -0.61 0.00
NM_CAPITAL___DRP 24208	21.57 0.30 0.00	20.51 0.30 0.00	19.81 0.29 0.00	19.32 0.29 0.00	19.79 0.29 0.00	20.92 0.31 0.00	23.73 0.28 0.00	25.59 0.43 0.00	26.53 0.31 0.00	27.79 0.30 0.00	28.24 0.33 0.00	27.61 0.35 0.00	26.73 0.34 0.00	26.70 0.39 0.00	26.79 0.40 0.00	27.10 0.40 0.00	30.70 0.51 0.00	37.52 0.66 0.00	31.21 0.49 0.00	28.83 0.34 0.00	26.36 0.36 0.00	24.70 0.37 0.00	24.01 0.24 0.00	22.71 0.14 0.00
NM_CENTRAL___DRP 24181	21.06 -0.21 0.00	19.98 -0.22 0.00	19.32 -0.20 0.00	18.85 -0.19 0.00	19.33 -0.18 0.00	20.43 -0.19 0.00	23.22 -0.23 0.00	24.78 -0.38 0.00	25.82 -0.39 0.00	27.07 -0.41 0.00	27.51 -0.39 0.00	26.88 -0.38 0.00	26.02 -0.37 0.00	25.91 -0.39 0.00	26.00 -0.40 0.00	26.30 -0.40 0.00	29.64 -0.54 0.00	36.12 -0.74 0.00	30.13 -0.58 0.00	28.03 -0.46 0.00	25.63 -0.36 0.00	24.00 -0.34 0.00	23.51 -0.26 0.00	22.41 -0.16 0.00
NM_FRONTIER___DRP 24179	20.40 -0.87 0.00	19.44 -0.77 0.00	18.95 -0.57 0.00	18.51 -0.53 0.00	18.94 -0.57 0.00	19.87 -0.74 0.00	22.37 -1.08 0.00	23.47 -1.69 0.00	24.61 -1.60 0.00	25.59 -1.90 0.00	25.95 -1.95 0.00	25.41 -1.85 0.00	24.54 -1.85 0.00	24.36 -1.95 0.00	24.39 -2.01 0.00	24.67 -2.03 0.00	27.53 -2.66 0.00	32.99 -3.87 0.00	28.14 -2.58 0.00	26.49 -1.99 0.00	24.23 -1.77 0.00	22.71 -1.63 0.00	22.35 -1.43 0.00	21.69 -0.88 0.00
NM_ST_REGIS___HYD 24053	21.14 -0.13 0.00	20.08 -0.12 0.00	19.40 -0.12 0.00	18.93 -0.11 0.00	19.36 -0.14 0.00	20.49 -0.12 0.00	23.36 -0.09 0.00	25.13 -0.03 0.00	26.24 0.03 0.00	27.54 0.05 0.00	27.96 0.06 0.00	27.26 0.00 0.00	26.41 0.03 0.00	26.28 -0.03 0.00	26.37 -0.03 0.00	26.67 -0.03 0.00	30.15 -0.03 0.00	36.90 0.04 0.00	30.68 -0.03 0.00	28.46 -0.03 0.00	25.89 -0.10 0.00	24.22 -0.12 0.00	23.63 -0.14 0.00	22.39 -0.18 0.00

NORTHPORT___1 23551	23.29 1.08 -0.94	21.23 1.03 0.00	20.47 0.96 0.00	19.86 0.82 0.00	20.36 0.86 0.00	21.64 1.03 0.01	25.45 1.20 -0.80	28.08 1.56 -1.37	29.19 1.68 -1.30	32.94 1.87 -3.59	31.35 1.87 -1.57	31.09 1.83 -2.00	28.94 1.69 -0.86	29.09 1.68 -1.10	28.91 1.74 -0.77	29.99 1.73 -1.55	31.91 1.69 -0.03	40.24 2.73 -0.65	33.08 2.18 -0.18	30.50 1.94 -0.08	29.52 1.61 -1.91	27.82 1.36 -2.12	25.00 1.24 0.01	25.28 1.17 -1.54
NORTHPORT___2 23552	23.29 1.08 -0.94	21.23 1.03 0.00	20.47 0.96 0.00	19.86 0.82 0.00	20.36 0.86 0.00	21.64 1.03 0.01	25.45 1.20 -0.80	28.08 1.56 -1.37	29.19 1.68 -1.30	32.94 1.87 -3.59	31.35 1.87 -1.57	31.09 1.83 -2.00	28.94 1.69 -0.86	29.09 1.68 -1.10	28.91 1.74 -0.77	29.99 1.73 -1.55	31.91 1.69 -0.03	40.24 2.73 -0.65	33.08 2.18 -0.18	30.50 1.94 -0.08	29.52 1.61 -1.91	27.82 1.36 -2.12	25.00 1.24 0.01	25.28 1.17 -1.54
NORTHPORT___3 23553	23.61 1.40 -0.94	21.50 1.29 0.00	20.72 1.21 0.00	20.16 1.12 0.00	20.65 1.15 0.00	21.94 1.32 0.00	25.83 1.57 -0.80	28.49 1.96 -1.37	29.62 2.10 -1.31	33.12 2.03 -3.60	31.30 1.81 -1.58	31.07 1.80 -2.01	29.34 2.08 -0.87	29.57 2.16 -1.10	29.31 2.14 -0.78	30.32 2.06 -1.56	32.46 2.23 -0.04	39.99 2.47 -0.66	33.05 2.15 -0.19	30.71 2.14 -0.09	29.84 1.92 -1.92	28.17 1.70 -2.13	25.37 1.59 0.00	25.63 1.51 -1.55
NORTHPORT___4 23650	23.61 1.40 -0.94	21.50 1.29 0.00	20.72 1.21 0.00	20.16 1.12 0.00	20.65 1.15 0.00	21.94 1.32 0.00	25.83 1.57 -0.80	28.49 1.96 -1.37	29.62 2.10 -1.31	33.12 2.03 -3.60	31.30 1.81 -1.58	31.07 1.80 -2.01	29.34 2.08 -0.87	29.57 2.16 -1.10	29.31 2.14 -0.78	30.32 2.06 -1.56	32.46 2.23 -0.04	39.99 2.47 -0.66	33.05 2.15 -0.19	30.71 2.14 -0.09	29.84 1.92 -1.92	28.17 1.70 -2.13	25.37 1.59 0.00	25.63 1.51 -1.55
NORTHPORT___IC 23718	23.29 1.08 -0.94	21.23 1.03 0.00	20.47 0.96 0.00	19.86 0.82 0.00	20.36 0.86 0.00	21.64 1.03 0.01	25.45 1.20 -0.80	28.08 1.56 -1.37	29.19 1.68 -1.30	32.94 1.87 -3.59	31.35 1.87 -1.57	31.09 1.83 -2.00	28.94 1.69 -0.86	29.09 1.68 -1.10	28.91 1.74 -0.77	29.99 1.73 -1.55	31.91 1.69 -0.03	40.24 2.73 -0.65	33.08 2.18 -0.18	30.50 1.94 -0.08	29.52 1.61 -1.91	27.82 1.36 -2.12	25.00 1.24 0.01	25.28 1.17 -1.54
NORTH___COUNTRY_ESR 323785	21.69 0.43 0.00	20.63 0.42 0.00	19.94 0.43 0.00	19.44 0.40 0.00	19.89 0.39 0.00	21.01 0.39 0.00	23.95 0.49 0.00	25.74 0.58 0.00	26.84 0.63 0.00	28.14 0.66 0.00	28.57 0.67 0.00	27.86 0.60 0.00	26.97 0.58 0.00	26.80 0.50 0.00	26.87 0.48 0.00	27.18 0.48 0.00	30.73 0.54 0.00	37.60 0.74 0.00	31.30 0.58 0.00	29.00 0.51 0.00	26.41 0.41 0.00	24.68 0.34 0.00	24.13 0.36 0.00	22.91 0.34 0.00
NPX_GEN_1385_PROXY 323591	23.27 1.06 -0.94	21.23 1.03 0.00	20.47 0.96 0.00	19.72 0.68 0.00	20.26 0.76 0.00	21.56 0.95 0.01	25.31 1.06 -0.80	27.83 1.31 -1.37	28.90 1.39 -1.30	32.18 1.10 -3.59	30.87 1.39 -1.57	30.68 1.42 -2.00	28.54 1.29 -0.86	28.82 1.42 -1.10	28.56 1.40 -0.77	29.78 1.52 -1.55	31.52 1.30 -0.03	39.50 1.99 -0.65	32.80 1.91 -0.18	30.10 1.54 -0.08	29.02 1.12 -1.91	27.36 0.90 -2.12	24.55 0.78 0.01	24.99 0.88 -1.54
NPX_GEN_CSC 323557	23.72 1.51 -0.94	21.70 1.50 0.00	20.88 1.37 0.00	20.28 1.24 0.00	20.81 1.31 0.00	22.10 1.49 0.00	25.89 1.64 -0.80	28.49 1.96 -1.37	29.64 2.12 -1.31	33.61 2.53 -3.60	32.08 2.60 -1.58	31.78 2.51 -2.01	29.07 1.82 -0.87	29.28 1.87 -1.10	29.10 1.93 -0.78	30.08 1.82 -1.56	32.25 2.02 -0.04	40.69 3.17 -0.66	33.21 2.30 -0.19	30.56 1.99 -0.09	29.58 1.67 -1.92	27.83 1.36 -2.13	24.98 1.21 0.00	25.65 1.54 -1.55
NSINS_S_GLNS_FALLS 23858	22.25 0.98 0.00	21.09 0.89 0.00	20.37 0.86 0.00	19.88 0.84 0.00	20.38 0.88 0.00	21.58 0.97 0.00	24.55 1.10 0.00	26.52 1.36 0.00	27.68 1.47 0.00	29.05 1.57 0.00	29.52 1.62 0.00	28.87 1.61 0.00	27.92 1.53 0.00	27.91 1.60 0.00	27.98 1.58 0.00	28.38 1.68 0.00	32.12 1.93 0.00	39.29 2.43 0.00	32.68 1.97 0.00	30.14 1.65 0.00	27.53 1.53 0.00	25.73 1.39 0.00	24.96 1.19 0.00	23.63 1.06 0.00
NUCOR_STEEL___DRP 24197	21.29 0.02 0.00	20.20 0.00 0.00	19.55 0.04 0.00	19.06 0.02 0.00	19.54 0.04 0.00	20.66 0.04 0.00	23.50 0.05 0.00	25.08 -0.08 0.00	26.16 -0.05 0.00	27.43 -0.05 0.00	27.88 -0.03 0.00	27.23 -0.03 0.00	26.34 -0.05 0.00	26.25 -0.05 0.00	26.35 -0.05 0.00	26.67 -0.03 0.00	30.12 -0.06 0.00	36.71 -0.15 0.00	30.65 -0.06 0.00	28.48 0.00 0.00	26.02 0.03 0.00	24.32 -0.02 0.00	23.80 0.02 0.00	22.69 0.11 0.00
NUMBER_THREE_WT_PWR 323818	21.12 -0.15 0.00	20.04 -0.16 0.00	19.34 -0.18 0.00	18.85 -0.19 0.00	19.33 -0.18 0.00	20.49 -0.12 0.00	23.38 -0.07 0.00	25.16 0.00 0.00	26.26 0.05 0.00	27.54 0.06 0.00	27.93 0.03 0.00	27.04 -0.22 0.00	26.12 -0.26 0.00	26.04 -0.26 0.00	26.19 -0.21 0.00	26.49 -0.21 0.00	30.06 -0.12 0.00	36.79 -0.07 0.00	30.53 -0.18 0.00	28.29 -0.20 0.00	25.76 -0.23 0.00	24.34 0.00 0.00	23.73 -0.05 0.00	22.46 -0.11 0.00
NYISO_LBMP_REFERENCE 24008	21.27 0.00 0.00	20.20 0.00 0.00	19.51 0.00 0.00	19.04 0.00 0.00	19.50 0.00 0.00	20.61 0.01 0.00	23.45 0.00 0.00	25.16 0.00 0.00	26.21 0.00 0.00	27.48 0.00 0.00	27.90 0.00 0.00	27.26 0.00 0.00	26.39 0.00 0.00	26.30 0.00 0.00	26.40 0.00 0.00	26.70 0.00 0.00	30.18 0.00 0.00	36.86 0.00 0.00	30.72 0.00 0.00	28.48 0.00 0.00	26.00 0.00 0.00	24.34 0.00 0.00	23.77 0.00 0.00	22.57 0.00 0.00
NYPA_BRENTWD___GT 24164	23.61 1.40 -0.94	21.54 1.33 0.00	20.74 1.23 0.00	20.14 1.10 0.00	20.67 1.17 0.00	21.95 1.34 0.00	25.85 1.60 -0.80	28.52 1.99 -1.37	29.64 2.12 -1.31	33.42 2.33 -3.60	31.83 2.34 -1.58	31.56 2.29 -2.01	29.37 2.11 -0.87	29.54 2.13 -1.10	29.34 2.17 -0.78	30.43 2.16 -1.56	32.55 2.32 -0.04	40.91 3.39 -0.66	33.64 2.73 -0.19	30.99 2.42 -0.09	29.97 2.05 -1.92	28.22 1.75 -2.13	25.39 1.62 0.00	25.65 1.54 -1.55
NYPA_GOWANUS___GT5 24156	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.19 1.71 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01
NYPA_GOWANUS___GT6 24157	22.25 0.98 -0.01	21.10 0.89 -0.01	20.38 0.86 -0.01	19.87 0.82 -0.01	20.33 0.82 -0.01	21.44 0.83 0.00	24.44 0.98 0.00	26.52 1.36 0.00	27.60 1.39 0.00	29.08 1.59 0.00	29.35 1.45 0.00	28.70 1.44 0.00	27.84 1.45 0.00	27.78 1.47 0.00	27.88 1.48 0.00	28.22 1.52 0.00	31.97 1.78 0.00	39.35 2.43 -0.06	32.74 1.97 -0.06	30.19 1.71 0.00	27.40 1.40 0.00	25.56 1.22 0.00	25.13 1.33 -0.02	23.69 1.11 -0.01

NYPA_HARLEM__RVR__GT1 24160	22.19 0.91 -0.01	21.05 0.85 0.00	20.29 0.78 0.00	19.78 0.74 0.00	20.24 0.74 0.00	21.38 0.76 0.00	24.32 0.87 0.00	26.39 1.23 0.00	27.41 1.21 0.01	28.82 1.35 0.01	29.15 1.26 0.01	28.51 1.25 0.01	27.65 1.27 0.01	27.56 1.26 0.01	27.68 1.29 0.01	28.00 1.31 0.01	31.72 1.54 0.01	38.95 2.10 0.01	32.40 1.69 0.01	29.96 1.48 0.01	27.19 1.20 0.01	25.34 1.00 0.00	24.94 1.16 0.00	23.57 0.99 -0.01
NYPA_HARLEM__RVR__GT2 24161	22.19 0.91 -0.01	21.05 0.85 0.00	20.29 0.78 0.00	19.78 0.74 0.00	20.24 0.74 0.00	21.38 0.76 0.00	24.32 0.87 0.00	26.39 1.23 0.00	27.41 1.21 0.01	28.82 1.35 0.01	29.15 1.26 0.01	28.51 1.25 0.01	27.65 1.27 0.01	27.56 1.26 0.01	27.68 1.29 0.01	28.00 1.31 0.01	31.72 1.54 0.01	38.95 2.10 0.01	32.40 1.69 0.01	29.96 1.48 0.01	27.19 1.20 0.01	25.34 1.00 0.00	24.94 1.16 0.00	23.57 0.99 -0.01
NYPA_KENT____GT 24152	22.19 0.91 -0.01	21.04 0.83 0.00	20.30 0.78 0.00	19.81 0.76 0.00	20.25 0.74 0.00	21.38 0.76 0.00	24.39 0.94 0.00	26.49 1.33 0.00	27.60 1.39 0.00	29.05 1.57 0.00	29.33 1.42 0.00	28.68 1.42 0.00	27.81 1.42 0.00	27.75 1.45 0.00	27.85 1.45 0.00	28.20 1.49 0.00	31.93 1.75 0.00	39.25 2.36 -0.03	32.65 1.91 -0.03	30.16 1.68 0.00	27.37 1.38 0.00	25.51 1.17 0.00	25.04 1.26 -0.01	23.62 1.04 -0.01
NYPA_POUCH1____GT 24155	22.25 0.98 -0.01	21.12 0.91 -0.01	20.40 0.88 -0.01	19.88 0.84 -0.01	20.35 0.84 -0.01	21.44 0.83 0.00	24.39 0.94 0.00	26.44 1.28 0.00	27.50 1.28 0.00	28.94 1.46 0.00	29.24 1.34 0.00	28.59 1.34 0.00	27.73 1.35 0.00	27.64 1.34 0.00	27.74 1.35 0.00	28.09 1.39 0.00	31.81 1.63 0.00	39.20 2.29 -0.06	32.61 1.84 -0.06	30.08 1.59 0.00	27.32 1.33 0.00	25.51 1.17 0.00	25.10 1.31 -0.02	23.69 1.11 -0.01
NYPA_VERNON____GT2 24162	22.13 0.85 -0.01	20.97 0.77 0.00	20.24 0.72 0.00	19.72 0.68 0.00	20.18 0.68 0.00	21.34 0.72 0.00	24.34 0.89 0.00	26.46 1.31 0.00	27.57 1.36 0.00	29.00 1.51 0.00	29.33 1.42 0.00	28.68 1.42 0.00	27.79 1.40 0.00	27.72 1.42 0.00	27.82 1.42 0.00	28.17 1.47 0.00	31.90 1.72 0.00	39.19 2.32 -0.01	32.60 1.87 -0.01	30.14 1.65 0.00	27.32 1.33 0.00	25.46 1.12 0.00	24.99 1.21 0.00	23.53 0.95 -0.01
NYPA_VERNON____GT3 24163	22.13 0.85 -0.01	20.97 0.77 0.00	20.24 0.72 0.00	19.72 0.68 0.00	20.18 0.68 0.00	21.34 0.72 0.00	24.34 0.89 0.00	26.46 1.31 0.00	27.57 1.36 0.00	29.00 1.51 0.00	29.33 1.42 0.00	28.68 1.42 0.00	27.79 1.40 0.00	27.72 1.42 0.00	27.82 1.42 0.00	28.17 1.47 0.00	31.90 1.72 0.00	39.19 2.32 -0.01	32.60 1.87 -0.01	30.14 1.65 0.00	27.32 1.33 0.00	25.46 1.12 0.00	24.99 1.21 0.00	23.53 0.95 -0.01
NYPA__ASTORIA_CC1 323568	22.10 0.83 -0.01	20.95 0.75 0.00	20.21 0.70 0.00	19.72 0.68 0.00	20.18 0.68 0.00	21.32 0.70 0.00	24.32 0.87 0.00	26.41 1.26 0.00	27.52 1.31 0.00	28.94 1.46 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.76 1.37 0.00	27.67 1.37 0.00	27.80 1.40 0.00	28.12 1.41 0.00	31.84 1.66 0.00	39.11 2.25 0.00	32.53 1.81 0.00	30.08 1.59 0.00	27.30 1.30 0.00	25.44 1.10 0.00	24.94 1.16 0.00	23.53 0.95 -0.01
NYPA__ASTORIA_CC2 323569	22.10 0.83 -0.01	20.95 0.75 0.00	20.21 0.70 0.00	19.72 0.68 0.00	20.18 0.68 0.00	21.32 0.70 0.00	24.32 0.87 0.00	26.41 1.26 0.00	27.52 1.31 0.00	28.94 1.46 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.76 1.37 0.00	27.67 1.37 0.00	27.80 1.40 0.00	28.12 1.41 0.00	31.84 1.66 0.00	39.11 2.25 0.00	32.53 1.81 0.00	30.08 1.59 0.00	27.30 1.30 0.00	25.44 1.10 0.00	24.94 1.16 0.00	23.53 0.95 -0.01
NYPA__HOLTSVILL 23794	23.57 1.36 -0.94	21.52 1.31 0.00	20.72 1.21 0.00	20.10 1.07 0.00	20.63 1.13 0.00	21.91 1.30 0.00	25.76 1.50 -0.80	28.42 1.89 -1.37	29.54 2.02 -1.31	33.36 2.28 -3.60	31.77 2.29 -1.58	31.51 2.24 -2.01	29.18 1.93 -0.87	29.36 1.95 -1.10	29.15 1.98 -0.78	30.24 1.98 -1.56	32.37 2.14 -0.04	40.69 3.17 -0.66	33.39 2.49 -0.19	30.76 2.19 -0.09	29.76 1.85 -1.92	28.03 1.56 -2.13	25.20 1.43 0.00	25.56 1.45 -1.55
NYPA__HELLGATE_GT1 24158	22.19 0.91 -0.01	21.05 0.85 0.00	20.29 0.78 0.00	19.78 0.74 0.00	20.24 0.74 0.00	21.38 0.76 0.00	24.32 0.87 0.00	26.39 1.23 0.00	27.41 1.21 0.01	28.82 1.35 0.01	29.15 1.26 0.01	28.51 1.25 0.01	27.65 1.27 0.01	27.56 1.26 0.01	27.68 1.29 0.01	28.00 1.31 0.01	31.72 1.54 0.01	38.95 2.10 0.01	32.40 1.69 0.01	29.96 1.48 0.01	27.19 1.20 0.01	25.34 1.00 0.00	24.94 1.16 0.00	23.57 0.99 -0.01
NYPA__HELLGATE_GT2 24159	22.19 0.91 -0.01	21.05 0.85 0.00	20.29 0.78 0.00	19.78 0.74 0.00	20.24 0.74 0.00	21.38 0.76 0.00	24.32 0.87 0.00	26.39 1.23 0.00	27.41 1.21 0.01	28.82 1.35 0.01	29.15 1.26 0.01	28.51 1.25 0.01	27.65 1.27 0.01	27.56 1.26 0.01	27.68 1.29 0.01	28.00 1.31 0.01	31.72 1.54 0.01	38.95 2.10 0.01	32.40 1.69 0.01	29.96 1.48 0.01	27.19 1.20 0.01	25.34 1.00 0.00	24.94 1.16 0.00	23.57 0.99 -0.01
NYS_BARGE__HYD 23848	20.91 -0.36 0.00	19.88 -0.32 0.00	19.38 -0.14 0.00	18.85 -0.19 0.00	19.42 -0.08 0.00	20.37 -0.25 0.00	23.05 -0.40 0.00	24.23 -0.93 0.00	25.29 -0.92 0.00	26.30 -1.18 0.00	26.68 -1.23 0.00	26.09 -1.17 0.00	25.20 -1.19 0.00	25.02 -1.29 0.00	25.08 -1.32 0.00	25.37 -1.33 0.00	28.52 -1.66 0.00	34.02 -2.84 0.00	28.97 -1.75 0.00	27.23 -1.25 0.00	25.04 -0.96 0.00	23.39 -0.95 0.00	22.92 -0.85 0.00	22.23 -0.34 0.00
OAK ORCHARD__HYD 24046	21.06 -0.21 0.00	20.00 -0.20 0.00	19.42 -0.10 0.00	18.91 -0.13 0.00	19.46 -0.04 0.00	20.49 -0.12 0.00	23.24 -0.21 0.00	24.68 -0.48 0.00	25.74 -0.47 0.00	26.91 -0.58 0.00	27.29 -0.61 0.00	26.69 -0.57 0.00	25.81 -0.58 0.00	25.65 -0.66 0.00	25.74 -0.66 0.00	26.06 -0.64 0.00	29.40 -0.78 0.00	35.42 -1.44 0.00	29.86 -0.86 0.00	27.88 -0.60 0.00	25.61 -0.39 0.00	23.90 -0.44 0.00	23.37 -0.40 0.00	22.42 -0.16 0.00
OAKDALE__35_KV_LOAD 356122	21.42 0.15 0.00	20.35 0.14 0.00	19.67 0.16 0.00	19.19 0.15 0.00	19.66 0.16 0.00	20.80 0.19 0.00	23.64 0.19 0.00	25.28 0.13 0.00	26.37 0.16 0.00	27.62 0.14 0.00	28.04 0.14 0.00	27.40 0.14 0.00	26.49 0.11 0.00	26.38 0.08 0.00	26.48 0.08 0.00	26.78 0.08 0.00	30.21 0.03 0.00	36.79 -0.07 0.00	30.78 0.06 0.00	28.66 0.17 0.00	26.18 0.18 0.00	24.51 0.17 0.00	23.94 0.17 0.00	22.84 0.27 0.00
OCC_CHEM__DRP 24175	20.46 -0.81 0.00	19.50 -0.71 0.00	18.99 -0.53 0.00	18.56 -0.48 0.00	18.99 -0.51 0.00	19.91 -0.70 0.00	22.44 -1.01 0.00	23.52 -1.64 0.00	24.69 -1.52 0.00	25.67 -1.81 0.00	26.03 -1.87 0.00	25.46 -1.80 0.00	24.59 -1.79 0.00	24.41 -1.89 0.00	24.47 -1.93 0.00	24.75 -1.95 0.00	27.59 -2.60 0.00	33.06 -3.80 0.00	28.23 -2.49 0.00	26.55 -1.94 0.00	24.31 -1.69 0.00	22.78 -1.56 0.00	22.39 -1.38 0.00	21.74 -0.84 0.00

OH_GEN_PROXY 24063	20.72 -0.55 0.00	19.74 -0.46 0.00	19.24 -0.27 0.00	18.72 -0.32 0.00	19.29 -0.21 0.00	20.20 -0.41 0.00	22.87 -0.59 0.00	24.03 -1.13 0.00	25.08 -1.13 0.00	26.08 -1.40 0.00	26.45 -1.45 0.00	25.87 -1.39 0.00	24.99 -1.40 0.00	24.81 -1.50 0.00	24.87 -1.53 0.00	25.15 -1.55 0.00	28.25 -1.93 0.00	33.69 -3.17 0.00	28.72 -2.00 0.00	26.97 -1.51 0.00	24.80 -1.20 0.00	23.22 -1.12 0.00	22.75 -1.02 0.00	22.08 -0.50 0.00
OLIN_CORP_DRP 24177	20.52 -0.74 0.00	19.68 -0.53 0.00	19.16 -0.35 0.00	18.58 -0.46 0.00	19.17 -0.33 0.00	20.00 -0.62 0.00	22.58 -0.87 0.00	23.70 -1.46 0.00	24.85 -1.36 0.00	25.84 -1.65 0.00	26.23 -1.67 0.00	25.65 -1.61 0.00	24.78 -1.61 0.00	24.57 -1.74 0.00	24.63 -1.77 0.00	24.94 -1.76 0.00	27.80 -2.38 0.00	33.36 -3.50 0.00	28.44 -2.27 0.00	26.75 -1.74 0.00	24.46 -1.53 0.00	22.93 -1.41 0.00	22.54 -1.24 0.00	21.87 -0.70 0.00
OLIN_CORP_DSASP 323712	20.44 -0.83 0.00	19.58 -0.63 0.00	19.08 -0.43 0.00	18.56 -0.48 0.00	19.13 -0.37 0.00	19.98 -0.64 0.00	22.54 -0.92 0.00	23.65 -1.51 0.00	24.69 -1.52 0.00	25.67 -1.81 0.00	26.03 -1.87 0.00	25.46 -1.80 0.00	24.59 -1.80 0.00	24.41 -1.89 0.00	24.47 -1.93 0.00	24.75 -1.95 0.00	27.80 -2.39 0.00	33.06 -3.80 0.00	28.23 -2.49 0.00	26.55 -1.94 0.00	24.41 -1.59 0.00	22.85 -1.49 0.00	22.39 -1.38 0.00	21.78 -0.79 0.00
ONEIDA_HERK_LFGE 323681	21.48 0.21 0.00	20.39 0.18 0.00	19.67 0.16 0.00	19.19 0.15 0.00	19.66 0.16 0.00	20.82 0.21 0.00	23.73 0.28 0.00	25.54 0.38 0.00	26.66 0.45 0.00	27.95 0.47 0.00	28.29 0.39 0.00	27.61 0.35 0.00	26.71 0.32 0.00	26.62 0.32 0.00	26.77 0.37 0.00	27.05 0.35 0.00	30.67 0.48 0.00	37.45 0.59 0.00	31.11 0.40 0.00	28.85 0.37 0.00	26.28 0.29 0.00	24.68 0.34 0.00	24.06 0.29 0.00	22.80 0.23 0.00
ONEIDA___115KV_TB4 55905	21.69 0.43 0.00	20.61 0.40 0.00	19.88 0.37 0.00	19.40 0.36 0.00	19.89 0.39 0.00	21.09 0.47 0.00	24.02 0.56 0.00	25.79 0.63 0.00	26.89 0.68 0.00	28.23 0.74 0.00	28.63 0.73 0.00	27.97 0.71 0.00	27.05 0.66 0.00	26.99 0.68 0.00	27.11 0.71 0.00	27.42 0.72 0.00	31.00 0.81 0.00	37.78 0.92 0.00	31.42 0.71 0.00	29.14 0.66 0.00	26.57 0.57 0.00	24.88 0.54 0.00	24.27 0.50 0.00	23.05 0.47 0.00
ONONDAGA_REF_OCCRA 23987	21.16 -0.11 0.00	20.08 -0.12 0.00	19.41 -0.10 0.00	18.94 -0.10 0.00	19.42 -0.08 0.00	20.53 -0.08 0.00	23.36 -0.09 0.00	24.93 -0.23 0.00	25.98 -0.24 0.00	27.24 -0.25 0.00	27.68 -0.22 0.00	27.04 -0.22 0.00	26.18 -0.21 0.00	26.07 -0.24 0.00	26.19 -0.21 0.00	26.46 -0.24 0.00	29.85 -0.33 0.00	36.42 -0.44 0.00	30.38 -0.34 0.00	28.26 -0.23 0.00	25.82 -0.18 0.00	24.17 -0.17 0.00	23.65 -0.12 0.00	22.53 -0.05 0.00
ONONDAGA___COGEN 23986	21.14 -0.13 0.00	20.08 -0.12 0.00	19.41 -0.10 0.00	18.93 -0.11 0.00	19.40 -0.10 0.00	20.51 -0.10 0.00	23.34 -0.12 0.00	24.88 -0.28 0.00	25.92 -0.29 0.00	27.21 -0.27 0.00	27.65 -0.25 0.00	27.01 -0.25 0.00	26.12 -0.26 0.00	26.04 -0.26 0.00	26.13 -0.26 0.00	26.43 -0.27 0.00	29.85 -0.33 0.00	36.42 -0.44 0.00	30.38 -0.34 0.00	28.23 -0.26 0.00	25.79 -0.21 0.00	24.12 -0.22 0.00	23.63 -0.14 0.00	22.50 -0.07 0.00
ONTARIO___LFGE 23819	21.48 0.21 0.00	20.39 0.18 0.00	19.75 0.23 0.00	19.25 0.21 0.00	19.77 0.27 0.00	20.92 0.31 0.00	23.76 0.30 0.00	25.38 0.23 0.00	26.45 0.24 0.00	27.68 0.19 0.00	28.10 0.20 0.00	27.48 0.22 0.00	26.55 0.16 0.00	26.41 0.11 0.00	26.50 0.11 0.00	26.86 0.16 0.00	30.37 0.18 0.00	36.64 -0.22 0.00	30.90 0.19 0.00	28.77 0.28 0.00	26.33 0.34 0.00	24.58 0.24 0.00	23.96 0.19 0.00	22.93 0.36 0.00
ORANGEVILLE_WT_PWR 323706	21.20 -0.06 0.00	20.16 -0.04 0.00	19.59 0.08 0.00	19.10 0.06 0.00	19.62 0.12 0.00	20.64 0.02 0.00	23.43 -0.02 0.00	24.75 -0.40 0.00	25.82 -0.39 0.00	26.88 -0.60 0.00	27.26 -0.64 0.00	26.63 -0.63 0.00	25.70 -0.69 0.00	25.52 -0.79 0.00	25.58 -0.82 0.00	25.90 -0.80 0.00	29.16 -1.03 0.00	34.94 -1.92 0.00	29.58 -1.14 0.00	27.74 -0.74 0.00	25.45 -0.55 0.00	23.80 -0.54 0.00	23.30 -0.48 0.00	22.55 -0.02 0.00
ORANGEVILLE___ESR 323794	21.20 -0.06 0.00	20.16 -0.04 0.00	19.59 0.08 0.00	19.10 0.06 0.00	19.62 0.12 0.00	20.64 0.02 0.00	23.43 -0.02 0.00	24.75 -0.40 0.00	25.82 -0.39 0.00	26.88 -0.60 0.00	27.26 -0.64 0.00	26.63 -0.63 0.00	25.70 -0.69 0.00	25.52 -0.79 0.00	25.58 -0.82 0.00	25.90 -0.80 0.00	29.16 -1.03 0.00	34.94 -1.92 0.00	29.58 -1.14 0.00	27.74 -0.74 0.00	25.45 -0.55 0.00	23.80 -0.54 0.00	23.30 -0.48 0.00	22.55 -0.02 0.00
OSWEGATCHIE___HYD 24044	20.74 -0.53 0.00	19.70 -0.50 0.00	19.00 -0.51 0.00	18.53 -0.51 0.00	18.99 -0.51 0.00	20.10 -0.51 0.00	22.94 -0.52 0.00	24.71 -0.45 0.00	25.77 -0.45 0.00	27.04 -0.44 0.00	27.46 -0.45 0.00	26.69 -0.57 0.00	25.81 -0.58 0.00	25.72 -0.58 0.00	25.82 -0.58 0.00	26.14 -0.56 0.00	29.61 -0.57 0.00	36.23 -0.63 0.00	30.07 -0.65 0.00	27.88 -0.60 0.00	25.37 -0.62 0.00	23.85 -0.49 0.00	23.25 -0.52 0.00	22.01 -0.56 0.00
OSWEGO___5 23606	20.82 -0.45 0.00	19.78 -0.43 0.00	19.12 -0.39 0.00	18.64 -0.40 0.00	19.11 -0.39 0.00	20.20 -0.41 0.00	22.96 -0.49 0.00	24.48 -0.68 0.00	25.48 -0.73 0.00	26.72 -0.77 0.00	27.12 -0.78 0.00	26.50 -0.76 0.00	25.65 -0.74 0.00	25.57 -0.74 0.00	25.66 -0.74 0.00	25.95 -0.75 0.00	29.31 -0.88 0.00	35.72 -1.14 0.00	29.79 -0.92 0.00	27.69 -0.80 0.00	25.32 -0.68 0.00	23.78 -0.56 0.00	23.23 -0.55 0.00	22.14 -0.43 0.00
OSWEGO___6 23613	20.82 -0.45 0.00	19.78 -0.43 0.00	19.12 -0.39 0.00	18.64 -0.40 0.00	19.11 -0.39 0.00	20.20 -0.41 0.00	22.96 -0.49 0.00	24.48 -0.68 0.00	25.48 -0.73 0.00	26.72 -0.77 0.00	27.12 -0.78 0.00	26.50 -0.76 0.00	25.65 -0.74 0.00	25.57 -0.74 0.00	25.66 -0.74 0.00	25.95 -0.75 0.00	29.31 -0.88 0.00	35.72 -1.14 0.00	29.79 -0.92 0.00	27.69 -0.80 0.00	25.32 -0.68 0.00	23.78 -0.56 0.00	23.23 -0.55 0.00	22.14 -0.43 0.00
OUTOKUMPU-AB___DRP 24206	21.01 -0.26 0.00	20.06 -0.14 0.00	19.53 0.02 0.00	19.02 -0.02 0.00	19.52 0.02 0.00	20.47 -0.14 0.00	23.12 -0.33 0.00	24.28 -0.88 0.00	25.48 -0.73 0.00	26.50 -0.99 0.00	26.87 -1.03 0.00	26.30 -0.95 0.00	25.41 -0.98 0.00	25.20 -1.10 0.00	25.26 -1.14 0.00	25.55 -1.15 0.00	28.52 -1.66 0.00	34.28 -2.58 0.00	29.15 -1.57 0.00	27.43 -1.05 0.00	25.09 -0.91 0.00	23.49 -0.85 0.00	23.08 -0.69 0.00	22.37 -0.20 0.00
OXBOW___BTM 323836	20.72 -0.55 0.00	19.84 -0.36 0.00	19.34 -0.18 0.00	18.81 -0.23 0.00	19.38 -0.12 0.00	20.26 -0.35 0.00	22.91 -0.54 0.00	24.05 -1.11 0.00	25.11 -1.10 0.00	26.11 -1.37 0.00	26.48 -1.42 0.00	25.92 -1.34 0.00	25.04 -1.34 0.00	24.83 -1.47 0.00	24.89 -1.50 0.00	25.18 -1.52 0.00	28.31 -1.87 0.00	33.73 -3.13 0.00	28.72 -2.00 0.00	27.03 -1.45 0.00	24.83 -1.17 0.00	23.24 -1.09 0.00	22.75 -1.02 0.00	22.10 -0.48 0.00

OXBOW____ 24026	20.72 -0.55 0.00	19.84 -0.36 0.00	19.34 -0.18 0.00	18.81 -0.23 0.00	19.38 -0.12 0.00	20.26 -0.35 0.00	22.91 -0.54 0.00	24.05 -1.11 0.00	25.11 -1.10 0.00	26.11 -1.37 0.00	26.48 -1.42 0.00	25.92 -1.34 0.00	25.04 -1.34 0.00	24.83 -1.47 0.00	24.89 -1.50 0.00	25.18 -1.52 0.00	28.31 -1.87 0.00	33.73 -3.13 0.00	28.72 -2.00 0.00	27.03 -1.45 0.00	24.83 -1.17 0.00	23.24 -1.09 0.00	22.75 -1.02 0.00	22.10 -0.48 0.00
OXY_CHEM_DSASP 323612	20.46 -0.81 0.00	19.50 -0.71 0.00	18.99 -0.53 0.00	18.56 -0.48 0.00	18.99 -0.51 0.00	19.91 -0.70 0.00	22.44 -1.01 0.00	23.52 -1.64 0.00	24.69 -1.52 0.00	25.67 -1.81 0.00	26.03 -1.87 0.00	25.46 -1.80 0.00	24.59 -1.79 0.00	24.41 -1.89 0.00	24.47 -1.93 0.00	24.75 -1.95 0.00	27.59 -2.60 0.00	33.06 -3.80 0.00	28.23 -2.49 0.00	26.55 -1.94 0.00	24.31 -1.69 0.00	22.78 -1.56 0.00	22.39 -1.38 0.00	21.74 -0.84 0.00
OZONE_PARK_ESR 323760	22.18 0.91 0.00	20.99 0.79 0.00	20.20 0.68 0.00	19.74 0.70 0.00	20.18 0.68 0.00	21.36 0.74 0.00	24.46 1.01 0.00	26.59 1.43 0.00	27.78 1.57 0.00	29.24 1.76 0.00	29.58 1.67 0.00	28.89 1.64 0.00	28.02 1.64 0.00	27.96 1.66 0.00	28.06 1.66 0.00	28.38 1.68 0.00	32.24 2.05 0.00	39.48 2.62 0.00	32.87 2.15 0.00	30.42 1.94 0.00	27.61 1.61 0.00	25.80 1.46 0.00	25.10 1.33 0.00	23.63 1.06 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.46 -0.81 0.00	19.50 -0.71 0.00	18.99 -0.53 0.00	18.56 -0.48 0.00	18.99 -0.51 0.00	19.91 -0.70 0.00	22.44 -1.01 0.00	23.52 -1.64 0.00	24.69 -1.52 0.00	25.67 -1.81 0.00	26.03 -1.87 0.00	25.46 -1.80 0.00	24.59 -1.79 0.00	24.41 -1.89 0.00	24.47 -1.93 0.00	24.75 -1.95 0.00	27.59 -2.60 0.00	33.06 -3.80 0.00	28.23 -2.49 0.00	26.55 -1.94 0.00	24.31 -1.69 0.00	22.78 -1.56 0.00	22.39 -1.38 0.00	21.74 -0.84 0.00
PACKARD__115KV_DUPONT_184 80571	20.46 -0.81 0.00	19.50 -0.71 0.00	18.99 -0.53 0.00	18.56 -0.48 0.00	18.99 -0.51 0.00	19.91 -0.70 0.00	22.44 -1.01 0.00	23.52 -1.64 0.00	24.69 -1.52 0.00	25.67 -1.81 0.00	26.03 -1.87 0.00	25.46 -1.80 0.00	24.59 -1.79 0.00	24.41 -1.89 0.00	24.47 -1.93 0.00	24.75 -1.95 0.00	27.59 -2.60 0.00	33.06 -3.80 0.00	28.23 -2.49 0.00	26.55 -1.94 0.00	24.31 -1.69 0.00	22.78 -1.56 0.00	22.39 -1.38 0.00	21.74 -0.84 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.21 0.94 -0.01	21.03 0.83 0.00	20.21 0.70 0.00	19.72 0.69 0.00	20.18 0.68 0.00	21.29 0.68 0.00	24.27 0.82 0.00	26.29 1.13 0.00	27.39 1.18 0.00	28.83 1.35 0.00	29.13 1.23 0.00	28.49 1.23 0.00	27.63 1.24 0.00	27.57 1.26 0.00	27.67 1.27 0.00	28.01 1.31 0.00	31.75 1.57 0.00	38.96 2.10 0.00	32.40 1.69 0.00	29.97 1.48 0.00	27.19 1.20 0.00	25.48 1.14 0.00	24.94 1.16 0.00	23.60 1.02 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.49 1.21 -0.01	21.28 1.07 0.00	20.45 0.94 0.00	19.95 0.91 0.00	20.42 0.92 0.00	21.52 0.91 0.00	24.55 1.10 0.00	26.57 1.41 0.00	27.68 1.47 0.00	29.11 1.62 0.00	29.41 1.51 0.00	28.73 1.47 0.00	27.89 1.50 0.00	27.80 1.50 0.00	27.93 1.53 0.00	28.25 1.55 0.00	32.06 1.87 0.00	39.33 2.47 0.00	32.71 2.00 0.00	30.25 1.77 0.00	27.45 1.46 0.00	25.70 1.36 0.00	25.20 1.43 0.00	23.84 1.26 -0.01
PATROON__115KV_TB1 80586	21.59 0.32 0.00	20.55 0.34 0.00	19.82 0.31 0.00	19.36 0.32 0.00	19.83 0.33 0.00	20.97 0.35 0.00	23.78 0.33 0.00	25.64 0.48 0.00	26.53 0.31 0.00	27.81 0.33 0.00	28.27 0.36 0.00	27.61 0.35 0.00	26.76 0.37 0.00	26.72 0.42 0.00	26.79 0.40 0.00	27.13 0.43 0.00	30.73 0.54 0.00	37.56 0.70 0.00	31.24 0.52 0.00	28.85 0.37 0.00	26.36 0.36 0.00	24.70 0.37 0.00	24.03 0.26 0.00	22.71 0.14 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.52 0.26 0.00	20.55 0.34 0.00	19.98 0.47 0.00	19.46 0.42 0.00	19.97 0.47 0.00	20.99 0.37 0.00	23.76 0.30 0.00	25.03 -0.13 0.00	26.24 0.03 0.00	27.29 -0.19 0.00	27.71 -0.20 0.00	27.10 -0.16 0.00	26.15 -0.24 0.00	25.94 -0.37 0.00	26.00 -0.40 0.00	26.30 -0.40 0.00	29.37 -0.81 0.00	35.39 -1.47 0.00	30.07 -0.65 0.00	28.26 -0.23 0.00	25.87 -0.13 0.00	24.22 -0.12 0.00	23.77 0.00 0.00	23.00 0.43 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.10 0.83 0.00	20.95 0.75 0.00	20.18 0.66 0.00	19.69 0.65 0.00	20.13 0.62 0.00	21.25 0.64 0.00	24.23 0.77 0.00	26.26 1.11 0.00	27.44 1.23 0.00	28.89 1.40 0.00	29.30 1.40 0.00	28.62 1.36 0.00	27.71 1.32 0.00	27.62 1.32 0.00	27.77 1.37 0.00	28.12 1.42 0.00	31.88 1.69 0.00	39.07 2.21 0.00	32.50 1.78 0.00	29.99 1.51 0.00	27.35 1.35 0.00	25.56 1.22 0.00	24.82 1.05 0.00	23.41 0.84 0.00
PEEKSKILL____ 23653	21.82 0.55 0.00	20.71 0.51 0.00	19.98 0.47 0.00	19.50 0.46 0.00	19.93 0.43 0.00	21.11 0.49 0.00	24.09 0.63 0.00	26.14 0.98 0.00	27.26 1.05 0.00	28.64 1.15 0.00	29.02 1.12 0.00	28.38 1.12 0.00	27.50 1.11 0.00	27.41 1.10 0.00	27.53 1.13 0.00	27.82 1.12 0.00	31.48 1.30 0.00	38.59 1.73 0.00	32.16 1.44 0.00	29.77 1.28 0.00	27.06 1.07 0.00	25.21 0.87 0.00	24.63 0.85 0.00	23.23 0.66 0.00
PGE MADISON__WINDPWR 24146	23.03 1.76 0.00	21.86 1.66 0.00	21.04 1.52 0.00	20.49 1.45 0.00	20.98 1.48 0.00	22.26 1.65 0.00	25.35 1.90 0.00	27.32 2.16 0.00	28.52 2.31 0.00	30.07 2.58 0.00	30.56 2.65 0.00	29.77 2.51 0.00	28.66 2.27 0.00	28.57 2.26 0.00	28.78 2.38 0.00	29.13 2.43 0.00	33.05 2.87 0.00	40.51 3.65 0.00	33.76 3.04 0.00	31.36 2.88 0.00	28.57 2.57 0.00	26.70 2.36 0.00	25.84 2.07 0.00	24.49 1.92 0.00
PIERCEFIELD__HYD 23852	20.93 -0.34 0.00	19.88 -0.32 0.00	19.20 -0.31 0.00	18.73 -0.30 0.00	19.17 -0.33 0.00	20.28 -0.33 0.00	23.12 -0.33 0.00	24.91 -0.25 0.00	25.98 -0.24 0.00	27.26 -0.22 0.00	27.68 -0.22 0.00	26.99 -0.27 0.00	26.15 -0.24 0.00	26.04 -0.26 0.00	26.11 -0.29 0.00	26.41 -0.29 0.00	29.88 -0.30 0.00	36.57 -0.29 0.00	30.38 -0.34 0.00	28.17 -0.31 0.00	25.61 -0.39 0.00	24.00 -0.34 0.00	23.39 -0.38 0.00	22.17 -0.41 0.00
PINELAWN_CC_1 323563	23.51 1.30 -0.94	21.42 1.21 0.00	20.64 1.13 0.00	20.05 1.01 0.00	20.55 1.05 0.00	21.85 1.24 0.00	25.73 1.48 -0.80	28.42 1.89 -1.37	29.28 1.76 -1.31	32.95 1.87 -3.60	31.35 1.87 -1.58	31.15 1.88 -2.01	29.26 2.00 -0.87	29.43 2.03 -1.10	29.23 2.06 -0.78	30.32 2.06 -1.56	32.49 2.26 -0.04	40.73 3.21 -0.66	33.48 2.58 -0.19	30.88 2.31 -0.09	29.89 1.97 -1.92	28.15 1.68 -2.13	25.34 1.57 0.00	25.56 1.45 -1.55
PJM_GEN_HTP_PROXY 323702	21.95 0.68 0.00	20.81 0.61 0.00	20.10 0.58 0.00	19.61 0.57 0.00	20.05 0.55 0.00	21.21 0.60 0.00	24.25 0.80 0.00	26.37 1.21 0.00	27.52 1.31 0.00	28.94 1.46 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.73 1.35 0.00	27.67 1.37 0.00	27.77 1.37 0.00	28.09 1.39 0.00	31.81 1.63 0.00	39.00 2.14 0.00	32.47 1.75 0.00	30.05 1.57 0.00	27.27 1.27 0.00	25.39 1.05 0.00	24.82 1.04 0.00	23.36 0.79 0.00

PJM_GEN_KEystone 24065	21.35 0.09 0.00	20.31 0.10 0.00	19.65 0.14 0.00	19.17 0.13 0.00	19.66 0.16 0.00	20.76 0.15 0.00	23.64 0.19 0.00	25.33 0.18 0.00	26.42 0.21 0.00	27.62 0.14 0.00	27.99 0.08 0.00	27.37 0.11 0.00	26.47 0.08 0.00	26.33 0.03 0.00	26.42 0.03 0.00	26.70 0.00 0.00	30.12 -0.06 0.00	36.60 -0.26 0.00	30.72 0.00 0.00	28.66 0.17 0.00	26.15 0.16 0.00	24.44 0.10 0.00	23.89 0.12 0.00	22.80 0.23 0.00
PJM_GEN_NEPTUNE_PROXY 323594	23.14 0.93 -0.94	21.07 0.87 0.00	20.31 0.80 0.00	19.76 0.72 0.00	20.24 0.74 0.00	21.48 0.87 0.00	25.33 1.08 -0.80	27.99 1.46 -1.37	29.09 1.57 -1.31	32.76 1.68 -3.60	31.13 1.65 -1.58	30.91 1.64 -2.01	28.87 1.61 -0.87	29.01 1.60 -1.10	28.81 1.64 -0.78	29.92 1.66 -1.56	32.04 1.81 -0.04	39.99 2.47 -0.66	32.93 2.03 -0.19	30.39 1.82 -0.09	29.48 1.56 -1.92	27.78 1.31 -2.13	25.01 1.24 0.00	25.18 1.06 -1.55
PJM_GEN_VFT_PROXY 323633	21.82 0.55 0.00	20.69 0.48 0.00	20.00 0.49 0.00	19.52 0.48 0.00	19.95 0.45 0.00	21.09 0.47 0.00	24.13 0.68 0.00	26.26 1.11 0.00	27.44 1.23 0.00	28.83 1.35 0.00	29.19 1.28 0.00	28.51 1.25 0.00	27.65 1.27 0.00	27.57 1.26 0.00	27.69 1.29 0.00	28.01 1.31 0.00	31.72 1.54 0.00	38.89 2.03 0.00	32.37 1.66 0.00	29.96 1.48 0.00	27.19 1.20 0.00	25.29 0.95 0.00	24.72 0.95 0.00	23.25 0.68 0.00
PLATSBRG_115KV_PMLD1 355749	22.06 0.79 0.00	20.97 0.77 0.00	20.27 0.76 0.00	19.76 0.72 0.00	20.22 0.72 0.00	21.36 0.74 0.00	24.34 0.89 0.00	26.19 1.03 0.00	27.29 1.07 0.00	28.64 1.15 0.00	29.08 1.17 0.00	28.35 1.09 0.00	27.44 1.06 0.00	27.28 0.97 0.00	27.32 0.92 0.00	27.66 0.96 0.00	31.24 1.06 0.00	38.22 1.36 0.00	31.82 1.11 0.00	29.51 1.03 0.00	26.86 0.86 0.00	25.09 0.75 0.00	24.53 0.76 0.00	23.29 0.72 0.00
PLEASANTVLY___LBMP 24000	21.80 0.53 0.00	20.69 0.48 0.00	19.92 0.41 0.00	19.46 0.42 0.00	19.91 0.41 0.00	21.07 0.45 0.00	24.02 0.56 0.00	26.01 0.86 0.00	27.15 0.94 0.00	28.50 1.02 0.00	28.91 1.00 0.00	28.27 1.01 0.00	27.39 1.00 0.00	27.30 1.00 0.00	27.43 1.03 0.00	27.74 1.04 0.00	31.42 1.24 0.00	38.45 1.58 0.00	32.01 1.29 0.00	29.62 1.14 0.00	26.99 0.99 0.00	25.24 0.90 0.00	24.53 0.76 0.00	23.16 0.59 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	21.93 0.66 0.00	20.79 0.59 0.00	20.02 0.51 0.00	19.55 0.51 0.00	20.01 0.51 0.00	21.17 0.56 0.00	24.18 0.73 0.00	26.24 1.08 0.00	27.39 1.18 0.00	28.78 1.29 0.00	29.16 1.26 0.00	28.51 1.25 0.00	27.63 1.24 0.00	27.54 1.24 0.00	27.67 1.27 0.00	27.98 1.28 0.00	31.72 1.54 0.00	38.81 1.95 0.00	32.34 1.63 0.00	29.94 1.45 0.00	27.25 1.25 0.00	25.46 1.12 0.00	24.75 0.97 0.00	23.34 0.77 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.93 0.66 0.00	20.79 0.59 0.00	20.02 0.51 0.00	19.55 0.51 0.00	20.01 0.51 0.00	21.17 0.56 0.00	24.18 0.73 0.00	26.24 1.08 0.00	27.39 1.18 0.00	28.78 1.29 0.00	29.16 1.26 0.00	28.51 1.25 0.00	27.63 1.24 0.00	27.54 1.24 0.00	27.67 1.27 0.00	27.98 1.28 0.00	31.72 1.54 0.00	38.81 1.95 0.00	32.34 1.63 0.00	29.94 1.45 0.00	27.25 1.25 0.00	25.46 1.12 0.00	24.75 0.97 0.00	23.34 0.77 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.95 0.68 0.00	20.81 0.61 0.00	20.06 0.55 0.00	19.57 0.53 0.00	20.03 0.53 0.00	21.17 0.56 0.00	24.16 0.70 0.00	26.09 0.93 0.00	27.26 1.05 0.00	28.61 1.13 0.00	29.02 1.12 0.00	28.35 1.09 0.00	27.47 1.08 0.00	27.41 1.10 0.00	27.53 1.14 0.00	27.85 1.15 0.00	31.54 1.36 0.00	38.63 1.77 0.00	32.16 1.44 0.00	29.74 1.25 0.00	27.12 1.12 0.00	25.34 1.00 0.00	24.63 0.86 0.00	23.27 0.70 0.00
POLETTI_____ 23519	21.95 0.68 0.00	20.81 0.61 0.00	20.02 0.51 0.00	19.57 0.53 0.00	20.01 0.51 0.00	21.15 0.54 0.00	24.20 0.75 0.00	26.29 1.13 0.00	27.47 1.26 0.00	28.91 1.43 0.00	29.24 1.34 0.00	28.59 1.34 0.00	27.71 1.32 0.00	27.65 1.34 0.00	27.74 1.35 0.00	28.06 1.36 0.00	31.84 1.66 0.00	38.96 2.10 0.00	32.44 1.72 0.00	30.02 1.54 0.00	27.30 1.30 0.00	25.51 1.17 0.00	24.82 1.05 0.00	23.38 0.81 0.00
POMONA___ESR 323819	21.89 0.62 0.00	20.77 0.56 0.00	20.04 0.53 0.00	19.55 0.51 0.00	19.99 0.49 0.00	21.17 0.56 0.00	24.16 0.70 0.00	26.21 1.06 0.00	27.36 1.15 0.00	28.72 1.24 0.00	29.10 1.20 0.00	28.46 1.20 0.00	27.58 1.19 0.00	27.49 1.18 0.00	27.61 1.21 0.00	27.90 1.20 0.00	31.57 1.39 0.00	38.70 1.84 0.00	32.25 1.54 0.00	29.85 1.37 0.00	27.14 1.14 0.00	25.29 0.95 0.00	24.70 0.93 0.00	23.29 0.72 0.00
PORT_JEFF_3 23555	23.61 1.40 -0.94	21.56 1.35 0.00	20.76 1.25 0.00	20.16 1.12 0.00	20.67 1.17 0.00	21.97 1.36 0.00	25.83 1.57 -0.80	28.49 1.96 -1.37	29.62 2.10 -1.31	33.45 2.36 -3.60	31.85 2.37 -1.58	31.59 2.32 -2.01	29.26 2.00 -0.87	29.43 2.03 -1.10	29.23 2.06 -0.78	30.29 2.03 -1.56	32.46 2.23 -0.04	40.80 3.28 -0.66	33.48 2.58 -0.19	30.85 2.28 -0.09	29.84 1.92 -1.92	28.10 1.63 -2.13	25.27 1.50 0.00	25.63 1.51 -1.55
PORT_JEFF_4 23616	23.61 1.40 -0.94	21.56 1.35 0.00	20.76 1.25 0.00	20.16 1.12 0.00	20.67 1.17 0.00	21.97 1.36 0.00	25.83 1.57 -0.80	28.49 1.96 -1.37	29.62 2.10 -1.31	33.45 2.36 -3.60	31.85 2.37 -1.58	31.59 2.32 -2.01	29.26 2.00 -0.87	29.43 2.03 -1.10	29.23 2.06 -0.78	30.29 2.03 -1.56	32.46 2.23 -0.04	40.80 3.28 -0.66	33.48 2.58 -0.19	30.85 2.28 -0.09	29.84 1.92 -1.92	28.10 1.63 -2.13	25.27 1.50 0.00	25.63 1.51 -1.55
PORT_JEFF_IC 23713	23.66 1.45 -0.94	21.60 1.39 0.00	20.78 1.27 0.00	20.18 1.14 0.00	20.71 1.21 0.00	22.00 1.38 0.00	25.85 1.60 -0.80	28.52 1.99 -1.37	29.64 2.12 -1.31	33.47 2.39 -3.60	31.91 2.43 -1.58	31.62 2.34 -2.01	29.29 2.03 -0.87	29.46 2.05 -1.10	29.29 2.11 -0.78	30.35 2.08 -1.56	32.49 2.26 -0.04	40.88 3.35 -0.66	33.51 2.61 -0.19	30.88 2.31 -0.09	29.89 1.97 -1.92	28.12 1.66 -2.13	25.30 1.52 0.00	25.65 1.54 -1.55
PPL PILGRIM_ST_GT1 24216	23.61 1.40 -0.94	21.54 1.33 0.00	20.74 1.23 0.00	20.14 1.10 0.00	20.67 1.17 0.00	21.95 1.34 0.00	25.85 1.60 -0.80	28.52 1.99 -1.37	29.64 2.12 -1.31	33.42 2.33 -3.60	31.83 2.34 -1.58	31.56 2.29 -2.01	29.37 2.11 -0.87	29.54 2.13 -1.10	29.34 2.17 -0.78	30.43 2.16 -1.56	32.55 2.32 -0.04	40.91 3.39 -0.66	33.64 2.73 -0.19	30.99 2.42 -0.09	29.97 2.05 -1.92	28.22 1.75 -2.13	25.39 1.62 0.00	25.65 1.54 -1.55
PPL PILGRIM_ST_GT2 24217	23.61 1.40 -0.94	21.54 1.33 0.00	20.74 1.23 0.00	20.14 1.10 0.00	20.67 1.17 0.00	21.95 1.34 0.00	25.85 1.60 -0.80	28.52 1.99 -1.37	29.64 2.12 -1.31	33.42 2.33 -3.60	31.83 2.34 -1.58	31.56 2.29 -2.01	29.37 2.11 -0.87	29.54 2.13 -1.10	29.34 2.17 -0.78	30.43 2.16 -1.56	32.55 2.32 -0.04	40.91 3.39 -0.66	33.64 2.73 -0.19	30.99 2.42 -0.09	29.97 2.05 -1.92	28.22 1.75 -2.13	25.39 1.62 0.00	25.65 1.54 -1.55

PPL_SHRM_GT3 24213	23.74 1.53 -0.94	21.70 1.50 0.00	20.90 1.39 0.00	20.28 1.24 0.00	20.81 1.31 0.00	22.12 1.50 0.00	25.92 1.67 -0.80	28.52 1.99 -1.37	29.67 2.15 -1.31	33.64 2.56 -3.60	32.11 2.62 -1.58	31.81 2.54 -2.01	29.10 1.85 -0.87	29.30 1.89 -1.10	29.10 1.93 -0.78	30.10 1.84 -1.56	32.28 2.05 -0.04	40.73 3.21 -0.66	33.27 2.37 -0.19	30.59 2.02 -0.09	29.60 1.69 -1.92	27.88 1.41 -2.13	25.03 1.26 0.00	25.67 1.56 -1.55
PPL_SHRM_GT4 24214	23.74 1.53 -0.94	21.70 1.50 0.00	20.90 1.39 0.00	20.28 1.24 0.00	20.81 1.31 0.00	22.12 1.50 0.00	25.92 1.67 -0.80	28.52 1.99 -1.37	29.67 2.15 -1.31	33.64 2.56 -3.60	32.11 2.62 -1.58	31.81 2.54 -2.01	29.10 1.85 -0.87	29.30 1.89 -1.10	29.10 1.93 -0.78	30.10 1.84 -1.56	32.28 2.05 -0.04	40.73 3.21 -0.66	33.27 2.37 -0.19	30.59 2.02 -0.09	29.60 1.69 -1.92	27.88 1.41 -2.13	25.03 1.26 0.00	25.67 1.56 -1.55
PROJECT___ORANGE 1 24174	21.06 -0.21 0.00	20.00 -0.20 0.00	19.34 -0.18 0.00	18.87 -0.17 0.00	19.33 -0.18 0.00	20.45 -0.16 0.00	23.24 -0.21 0.00	24.81 -0.35 0.00	25.84 -0.37 0.00	27.10 -0.38 0.00	27.54 -0.36 0.00	26.90 -0.35 0.00	26.02 -0.37 0.00	25.94 -0.37 0.00	26.03 -0.37 0.00	26.30 -0.40 0.00	29.64 -0.54 0.00	36.16 -0.70 0.00	30.16 -0.55 0.00	28.06 -0.43 0.00	25.66 -0.34 0.00	24.02 -0.32 0.00	23.54 -0.24 0.00	22.41 -0.16 0.00
PROJECT___ORANGE 2 24166	21.06 -0.21 0.00	20.00 -0.20 0.00	19.34 -0.18 0.00	18.87 -0.17 0.00	19.33 -0.18 0.00	20.45 -0.16 0.00	23.24 -0.21 0.00	24.81 -0.35 0.00	25.84 -0.37 0.00	27.10 -0.38 0.00	27.54 -0.36 0.00	26.90 -0.35 0.00	26.02 -0.37 0.00	25.94 -0.37 0.00	26.03 -0.37 0.00	26.30 -0.40 0.00	29.64 -0.54 0.00	36.16 -0.70 0.00	30.16 -0.55 0.00	28.06 -0.43 0.00	25.66 -0.34 0.00	24.02 -0.32 0.00	23.54 -0.24 0.00	22.41 -0.16 0.00
PUCKETT___SOLAR 323809	21.84 0.57 0.00	20.73 0.52 0.00	20.04 0.53 0.00	19.55 0.51 0.00	20.05 0.55 0.00	21.19 0.58 0.00	24.16 0.70 0.00	25.89 0.73 0.00	26.97 0.76 0.00	28.28 0.80 0.00	28.71 0.81 0.00	28.02 0.76 0.00	27.07 0.68 0.00	26.96 0.66 0.00	27.11 0.71 0.00	27.42 0.72 0.00	31.00 0.82 0.00	37.82 0.96 0.00	31.61 0.89 0.00	29.40 0.91 0.00	26.83 0.83 0.00	25.10 0.76 0.00	24.46 0.69 0.00	23.29 0.72 0.00
PYRITES___HYD 24023	21.40 0.13 0.00	20.31 0.10 0.00	19.61 0.10 0.00	19.12 0.08 0.00	19.56 0.06 0.00	20.72 0.10 0.00	23.64 0.19 0.00	25.53 0.38 0.00	26.66 0.45 0.00	27.98 0.49 0.00	28.43 0.53 0.00	27.72 0.46 0.00	26.84 0.45 0.00	26.75 0.45 0.00	26.85 0.45 0.00	27.13 0.43 0.00	30.64 0.45 0.00	37.45 0.59 0.00	31.08 0.37 0.00	28.80 0.31 0.00	26.21 0.21 0.00	24.51 0.17 0.00	23.89 0.12 0.00	22.62 0.05 0.00
QUAKERRD_115KV_BK1 80622	20.54 -0.72 0.00	19.52 -0.69 0.00	18.93 -0.59 0.00	18.43 -0.61 0.00	18.94 -0.57 0.00	19.96 -0.66 0.00	22.63 -0.82 0.00	24.08 -1.08 0.00	25.14 -1.07 0.00	26.30 -1.18 0.00	26.70 -1.20 0.00	26.11 -1.14 0.00	25.25 -1.13 0.00	25.12 -1.18 0.00	25.21 -1.19 0.00	25.53 -1.17 0.00	28.74 -1.45 0.00	34.80 -2.06 0.00	29.27 -1.44 0.00	27.29 -1.20 0.00	24.96 -1.04 0.00	23.29 -1.05 0.00	22.85 -0.93 0.00	21.87 -0.70 0.00
QUENSBRY_115KV_TB8 356137	22.27 1.00 0.00	21.11 0.91 0.00	20.39 0.88 0.00	19.90 0.86 0.00	20.40 0.90 0.00	21.62 1.01 0.00	24.60 1.15 0.00	26.57 1.41 0.00	27.73 1.52 0.00	29.11 1.62 0.00	29.61 1.70 0.00	28.95 1.69 0.00	27.97 1.58 0.00	27.96 1.66 0.00	28.03 1.64 0.00	28.44 1.74 0.00	32.18 1.99 0.00	39.37 2.51 0.00	32.77 2.06 0.00	30.19 1.71 0.00	27.58 1.59 0.00	25.78 1.44 0.00	24.99 1.21 0.00	23.68 1.11 0.00
RAMAPO___LBMP 323565	21.65 0.38 0.00	20.55 0.34 0.00	19.79 0.27 0.00	19.34 0.30 0.00	19.77 0.27 0.00	20.94 0.33 0.00	23.90 0.45 0.00	25.91 0.75 0.00	27.05 0.84 0.00	28.39 0.91 0.00	28.80 0.89 0.00	28.13 0.87 0.00	27.26 0.87 0.00	27.15 0.84 0.00	27.27 0.87 0.00	27.58 0.88 0.00	31.21 1.03 0.00	38.22 1.36 0.00	31.82 1.11 0.00	29.51 1.03 0.00	26.88 0.88 0.00	25.14 0.80 0.00	24.46 0.69 0.00	23.09 0.52 0.00
RANKINE____ 23646	21.29 0.02 0.00	20.31 0.10 0.00	19.77 0.25 0.00	19.23 0.19 0.00	19.75 0.25 0.00	20.74 0.12 0.00	23.45 0.00 0.00	24.68 -0.48 0.00	25.90 -0.31 0.00	26.93 -0.55 0.00	27.32 -0.59 0.00	26.71 -0.55 0.00	25.81 -0.58 0.00	25.59 -0.71 0.00	25.66 -0.74 0.00	25.95 -0.75 0.00	28.98 -1.21 0.00	34.87 -1.99 0.00	29.64 -1.08 0.00	27.86 -0.63 0.00	25.50 -0.49 0.00	23.88 -0.46 0.00	23.44 -0.33 0.00	22.71 0.14 0.00
RAVENSWOOD_GT2_1 24244	21.99 0.72 0.00	20.85 0.65 0.00	20.06 0.55 0.00	19.61 0.57 0.00	20.05 0.55 0.00	21.19 0.58 0.00	24.25 0.80 0.00	26.34 1.18 0.00	27.52 1.31 0.00	28.94 1.46 0.00	29.30 1.40 0.00	28.62 1.36 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.12 1.42 0.00	31.88 1.69 0.00	39.07 2.21 0.00	32.50 1.78 0.00	30.08 1.60 0.00	27.35 1.35 0.00	25.56 1.22 0.00	24.87 1.09 0.00	23.45 0.88 0.00
RAVENSWOOD_GT2_2 24245	21.99 0.72 0.00	20.85 0.65 0.00	20.06 0.55 0.00	19.61 0.57 0.00	20.05 0.55 0.00	21.19 0.58 0.00	24.25 0.80 0.00	26.34 1.18 0.00	27.52 1.31 0.00	28.94 1.46 0.00	29.30 1.40 0.00	28.62 1.36 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.12 1.42 0.00	31.88 1.69 0.00	39.07 2.21 0.00	32.50 1.78 0.00	30.08 1.60 0.00	27.35 1.35 0.00	25.56 1.22 0.00	24.87 1.09 0.00	23.45 0.88 0.00
RAVENSWOOD_GT2_3 24246	22.01 0.74 0.00	20.85 0.65 0.00	20.08 0.57 0.00	19.61 0.57 0.00	20.07 0.57 0.00	21.21 0.60 0.00	24.25 0.80 0.00	26.37 1.21 0.00	27.55 1.34 0.00	28.97 1.48 0.00	29.30 1.40 0.00	28.65 1.39 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.14 1.44 0.00	31.91 1.72 0.00	39.07 2.21 0.00	32.53 1.81 0.00	30.11 1.62 0.00	27.35 1.35 0.00	25.56 1.22 0.00	24.87 1.09 0.00	23.45 0.88 0.00
RAVENSWOOD_GT2_4 24247	22.01 0.74 0.00	20.85 0.65 0.00	20.08 0.57 0.00	19.61 0.57 0.00	20.07 0.57 0.00	21.21 0.60 0.00	24.25 0.80 0.00	26.37 1.21 0.00	27.55 1.34 0.00	28.97 1.48 0.00	29.30 1.40 0.00	28.65 1.39 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.14 1.44 0.00	31.91 1.72 0.00	39.07 2.21 0.00	32.53 1.81 0.00	30.11 1.62 0.00	27.35 1.35 0.00	25.56 1.22 0.00	24.87 1.09 0.00	23.45 0.88 0.00
RAVENSWOOD_GT3_1 24248	21.99 0.72 0.00	20.85 0.65 0.00	20.06 0.55 0.00	19.61 0.57 0.00	20.05 0.55 0.00	21.19 0.58 0.00	24.25 0.80 0.00	26.34 1.18 0.00	27.52 1.31 0.00	28.97 1.48 0.00	29.30 1.40 0.00	28.62 1.36 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.12 1.42 0.00	31.91 1.72 0.00	39.07 2.21 0.00	32.50 1.78 0.00	30.08 1.60 0.00	27.35 1.35 0.00	25.56 1.22 0.00	24.87 1.09 0.00	23.45 0.88 0.00

RAVENSWOOD_GT3_2 24249	21.99 0.72 0.00	20.85 0.65 0.00	20.06 0.55 0.00	19.61 0.57 0.00	20.05 0.55 0.00	21.19 0.58 0.00	24.25 0.80 0.00	26.34 1.18 0.00	27.52 1.31 0.00	28.97 1.48 0.00	29.30 1.40 0.00	28.62 1.36 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.12 1.42 0.00	31.91 1.72 0.00	39.07 2.21 0.00	32.50 1.78 0.00	30.08 1.60 0.00	27.35 1.35 0.00	25.56 1.22 0.00	24.87 1.09 0.00	23.45 0.88 0.00
RAVENSWOOD_GT3_3 24250	22.03 0.77 0.00	20.87 0.67 0.00	20.08 0.57 0.00	19.63 0.59 0.00	20.07 0.57 0.00	21.21 0.60 0.00	24.27 0.82 0.00	26.39 1.23 0.00	27.57 1.36 0.00	29.00 1.51 0.00	29.33 1.42 0.00	28.68 1.42 0.00	27.79 1.40 0.00	27.72 1.42 0.00	27.82 1.43 0.00	28.17 1.47 0.00	31.94 1.75 0.00	39.11 2.25 0.00	32.56 1.84 0.00	30.14 1.65 0.00	27.38 1.38 0.00	25.58 1.24 0.00	24.89 1.12 0.00	23.48 0.90 0.00
RAVENSWOOD_GT3_4 24251	22.03 0.77 0.00	20.87 0.67 0.00	20.08 0.57 0.00	19.63 0.59 0.00	20.07 0.57 0.00	21.21 0.60 0.00	24.27 0.82 0.00	26.39 1.23 0.00	27.57 1.36 0.00	29.00 1.51 0.00	29.33 1.42 0.00	28.68 1.42 0.00	27.79 1.40 0.00	27.72 1.42 0.00	27.82 1.43 0.00	28.17 1.47 0.00	31.94 1.75 0.00	39.11 2.25 0.00	32.56 1.84 0.00	30.14 1.65 0.00	27.38 1.38 0.00	25.58 1.24 0.00	24.89 1.12 0.00	23.48 0.90 0.00
RAVENSWOOD_GT_1 23729	22.15 0.87 -0.01	20.97 0.77 0.00	20.18 0.66 0.00	19.71 0.67 0.00	20.17 0.66 0.00	21.29 0.68 0.00	24.32 0.87 0.00	26.39 1.23 0.00	27.55 1.34 0.00	29.00 1.51 0.00	29.33 1.42 0.00	28.68 1.42 0.00	27.79 1.40 0.00	27.72 1.42 0.00	27.82 1.43 0.00	28.17 1.47 0.00	31.94 1.75 0.00	39.19 2.32 -0.01	32.60 1.87 -0.01	30.14 1.65 0.00	27.38 1.38 0.00	25.61 1.27 0.00	24.99 1.21 0.00	23.60 1.02 -0.01
RAVENSWOOD_GT_10 24258	21.99 0.72 0.00	20.85 0.65 0.00	20.06 0.55 0.00	19.59 0.55 0.00	20.05 0.55 0.00	21.19 0.58 0.00	24.25 0.80 0.00	26.34 1.18 0.00	27.52 1.31 0.00	28.97 1.48 0.00	29.30 1.40 0.00	28.65 1.39 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.12 1.42 0.00	31.91 1.72 0.00	39.07 2.21 0.00	32.50 1.78 0.00	30.08 1.60 0.00	27.35 1.35 0.00	25.56 1.22 0.00	24.87 1.09 0.00	23.43 0.86 0.00
RAVENSWOOD_GT_11 24259	21.99 0.72 0.00	20.85 0.65 0.00	20.06 0.55 0.00	19.59 0.55 0.00	20.05 0.55 0.00	21.19 0.58 0.00	24.25 0.80 0.00	26.34 1.18 0.00	27.52 1.31 0.00	28.97 1.48 0.00	29.30 1.40 0.00	28.65 1.39 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.12 1.42 0.00	31.91 1.72 0.00	39.07 2.21 0.00	32.50 1.78 0.00	30.08 1.60 0.00	27.35 1.35 0.00	25.56 1.22 0.00	24.87 1.09 0.00	23.43 0.86 0.00
RAVENSWOOD_GT_4 24252	21.96 0.70 0.01	20.83 0.63 0.00	20.04 0.53 0.00	19.59 0.55 0.00	20.03 0.53 0.00	21.19 0.58 0.00	24.25 0.80 0.00	26.34 1.18 0.00	27.52 1.31 0.00	28.97 1.48 0.00	29.30 1.40 0.00	28.65 1.39 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.12 1.42 0.00	31.91 1.72 0.00	39.04 2.17 -0.01	32.50 1.78 -0.01	30.08 1.60 0.00	27.35 1.35 0.00	25.56 1.22 0.00	24.85 1.07 0.00	23.42 0.86 0.01
RAVENSWOOD_GT_5 24254	21.96 0.70 0.01	20.83 0.63 0.00	20.04 0.53 0.00	19.59 0.55 0.00	20.03 0.53 0.00	21.19 0.58 0.00	24.25 0.80 0.00	26.34 1.18 0.00	27.52 1.31 0.00	28.97 1.48 0.00	29.30 1.40 0.00	28.65 1.39 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.12 1.42 0.00	31.91 1.72 0.00	39.04 2.17 -0.01	32.50 1.78 -0.01	30.08 1.60 0.00	27.35 1.35 0.00	25.56 1.22 0.00	24.85 1.07 0.00	23.42 0.86 0.01
RAVENSWOOD_GT_6 24253	21.96 0.70 0.01	20.83 0.63 0.00	20.04 0.53 0.00	19.59 0.55 0.00	20.03 0.53 0.00	21.19 0.58 0.00	24.25 0.80 0.00	26.34 1.18 0.00	27.52 1.31 0.00	28.97 1.48 0.00	29.30 1.40 0.00	28.65 1.39 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.12 1.42 0.00	31.91 1.72 0.00	39.04 2.17 -0.01	32.50 1.78 -0.01	30.08 1.60 0.00	27.35 1.35 0.00	25.56 1.22 0.00	24.85 1.07 0.00	23.42 0.86 0.01
RAVENSWOOD_GT_7 24255	21.96 0.70 0.01	20.83 0.63 0.00	20.04 0.53 0.00	19.59 0.55 0.00	20.03 0.53 0.00	21.19 0.58 0.00	24.25 0.80 0.00	26.34 1.18 0.00	27.52 1.31 0.00	28.97 1.48 0.00	29.30 1.40 0.00	28.65 1.39 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.12 1.42 0.00	31.91 1.72 0.00	39.04 2.17 -0.01	32.50 1.78 -0.01	30.08 1.60 0.00	27.35 1.35 0.00	25.56 1.22 0.00	24.85 1.07 0.00	23.42 0.86 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.99 0.72 0.00	20.85 0.65 0.00	20.06 0.55 0.00	19.59 0.55 0.00	20.05 0.55 0.00	21.19 0.58 0.00	24.25 0.80 0.00	26.34 1.18 0.00	27.52 1.31 0.00	28.97 1.48 0.00	29.30 1.40 0.00	28.65 1.39 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.12 1.42 0.00	31.91 1.72 0.00	39.07 2.21 0.00	32.50 1.78 0.00	30.08 1.60 0.00	27.35 1.35 0.00	25.56 1.22 0.00	24.87 1.09 0.00	23.43 0.86 0.00
RAVENSWOOD_GT_9 24257	21.99 0.72 0.00	20.85 0.65 0.00	20.06 0.55 0.00	19.59 0.55 0.00	20.05 0.55 0.00	21.19 0.58 0.00	24.25 0.80 0.00	26.34 1.18 0.00	27.52 1.31 0.00	28.97 1.48 0.00	29.30 1.40 0.00	28.65 1.39 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.12 1.42 0.00	31.91 1.72 0.00	39.07 2.21 0.00	32.50 1.78 0.00	30.08 1.60 0.00	27.35 1.35 0.00	25.56 1.22 0.00	24.87 1.09 0.00	23.43 0.86 0.00
RAVENSWOOD___1 23533	22.10 0.83 -0.01	20.95 0.75 0.00	20.21 0.70 0.00	19.72 0.68 0.00	20.16 0.66 0.00	21.32 0.70 0.00	24.32 0.87 0.00	26.44 1.28 0.00	27.55 1.34 0.00	29.00 1.51 0.00	29.30 1.39 0.00	28.65 1.39 0.00	27.79 1.40 0.00	27.70 1.39 0.00	27.82 1.42 0.00	28.14 1.44 0.00	31.87 1.69 0.00	39.15 2.29 0.00	32.56 1.84 0.00	30.11 1.62 0.00	27.32 1.33 0.00	25.44 1.10 0.00	24.96 1.19 0.00	23.53 0.95 -0.01
RAVENSWOOD___2 23534	22.10 0.83 -0.01	20.95 0.75 0.00	20.21 0.70 0.00	19.71 0.67 0.00	20.16 0.66 0.00	21.32 0.70 0.00	24.32 0.87 0.00	26.41 1.26 0.00	27.55 1.34 0.00	28.97 1.48 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.14 1.44 0.00	31.87 1.69 0.00	39.15 2.29 0.00	32.56 1.84 0.00	30.11 1.62 0.00	27.30 1.30 0.00	25.44 1.10 0.00	24.94 1.16 0.00	23.51 0.93 -0.01
RAVENSWOOD___3 23535	21.99 0.72 0.00	20.85 0.65 0.00	20.14 0.62 0.00	19.63 0.59 0.00	20.09 0.58 0.00	21.25 0.64 0.00	24.27 0.82 0.00	26.39 1.23 0.00	27.55 1.34 0.00	28.97 1.48 0.00	29.30 1.39 0.00	28.65 1.39 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.12 1.41 0.00	31.84 1.66 0.00	39.07 2.21 0.00	32.50 1.78 0.00	30.08 1.59 0.00	27.30 1.30 0.00	25.41 1.07 0.00	24.87 1.09 0.00	23.41 0.84 0.00

RAVENSWOOD___4 23820	22.08 0.81 -0.01	20.93 0.73 0.00	20.21 0.70 0.00	19.70 0.67 0.00	20.16 0.66 0.00	21.29 0.68 0.00	24.30 0.84 0.00	26.41 1.26 0.00	27.52 1.31 0.00	28.97 1.48 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.12 1.41 0.00	31.84 1.66 0.00	39.10 2.25 0.01	32.52 1.81 0.01	30.08 1.59 0.00	27.30 1.30 0.00	25.44 1.10 0.00	24.93 1.16 0.00	23.50 0.93 -0.01
RCPI_TRUST___DRP 24196	21.99 0.72 0.00	20.85 0.65 0.00	20.06 0.55 0.00	19.59 0.55 0.00	20.05 0.55 0.00	21.21 0.60 0.00	24.27 0.82 0.00	26.37 1.21 0.00	27.55 1.34 0.00	29.00 1.51 0.00	29.33 1.42 0.00	28.68 1.42 0.00	27.79 1.40 0.00	27.72 1.42 0.00	27.82 1.43 0.00	28.14 1.44 0.00	31.91 1.72 0.00	39.07 2.21 0.00	32.50 1.78 0.00	30.11 1.62 0.00	27.38 1.38 0.00	25.58 1.24 0.00	24.87 1.09 0.00	23.45 0.88 0.00
RED___ROCHESTER 323720	21.18 -0.08 0.00	20.10 -0.10 0.00	19.51 0.00 0.00	19.00 -0.04 0.00	19.56 0.06 0.00	20.59 -0.02 0.00	23.36 -0.09 0.00	24.81 -0.35 0.00	25.90 -0.31 0.00	27.07 -0.41 0.00	27.46 -0.45 0.00	26.88 -0.38 0.00	25.99 -0.40 0.00	25.83 -0.47 0.00	25.92 -0.47 0.00	26.25 -0.45 0.00	29.61 -0.57 0.00	35.72 -1.14 0.00	30.10 -0.61 0.00	28.11 -0.37 0.00	25.79 -0.21 0.00	24.05 -0.29 0.00	23.51 -0.26 0.00	22.55 -0.02 0.00
REGAN___SOLAR 323812	23.14 1.87 0.00	21.92 1.72 0.00	21.17 1.66 0.00	20.72 1.68 0.00	21.26 1.76 0.00	22.59 1.98 0.00	25.77 2.32 0.00	27.85 2.69 0.00	29.02 2.81 0.00	30.45 2.97 0.00	31.00 3.10 0.00	30.23 2.97 0.00	29.16 2.77 0.00	29.20 2.89 0.00	29.38 2.98 0.00	30.01 3.31 0.00	33.87 3.68 0.00	41.43 4.57 0.00	34.46 3.75 0.00	31.82 3.33 0.00	28.99 2.99 0.00	26.99 2.65 0.00	26.20 2.43 0.00	24.83 2.26 0.00
RENSSELAER___COGEN 23796	21.50 0.23 0.00	20.45 0.24 0.00	19.65 0.14 0.00	19.19 0.15 0.00	19.64 0.14 0.00	20.74 0.12 0.00	23.50 0.05 0.00	25.33 0.18 0.00	26.37 0.16 0.00	27.68 0.19 0.00	28.10 0.20 0.00	27.48 0.22 0.00	26.60 0.21 0.00	26.57 0.26 0.00	26.66 0.26 0.00	26.97 0.27 0.00	30.55 0.36 0.00	37.38 0.52 0.00	31.05 0.34 0.00	28.71 0.23 0.00	26.18 0.18 0.00	24.49 0.15 0.00	23.92 0.14 0.00	22.62 0.05 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.93 1.66 0.00	21.70 1.50 0.00	20.94 1.42 0.00	20.45 1.41 0.00	20.98 1.48 0.00	22.28 1.67 0.00	25.35 1.90 0.00	27.42 2.26 0.00	28.68 2.46 0.00	30.15 2.67 0.00	30.64 2.73 0.00	29.98 2.73 0.00	28.95 2.56 0.00	28.93 2.63 0.00	29.01 2.61 0.00	29.48 2.78 0.00	33.32 3.14 0.00	40.80 3.94 0.00	33.94 3.23 0.00	31.22 2.73 0.00	28.49 2.50 0.00	26.60 2.26 0.00	25.75 1.97 0.00	24.40 1.83 0.00
REVERE_CPPR_DRP 24186	21.80 0.53 0.00	20.69 0.48 0.00	19.96 0.45 0.00	19.48 0.44 0.00	19.97 0.47 0.00	21.17 0.56 0.00	24.13 0.68 0.00	25.94 0.78 0.00	27.08 0.86 0.00	28.42 0.93 0.00	28.82 0.92 0.00	28.13 0.87 0.00	27.21 0.82 0.00	27.15 0.84 0.00	27.27 0.87 0.00	27.58 0.88 0.00	31.21 1.03 0.00	38.08 1.22 0.00	31.64 0.92 0.00	29.34 0.85 0.00	26.73 0.73 0.00	25.05 0.71 0.00	24.41 0.64 0.00	23.14 0.56 0.00
REYNOLDS_115KV_TB3 80639	21.57 0.30 0.00	20.53 0.32 0.00	19.81 0.29 0.00	19.34 0.30 0.00	19.81 0.31 0.00	20.94 0.33 0.00	23.76 0.30 0.00	25.61 0.45 0.00	26.58 0.37 0.00	27.87 0.38 0.00	28.32 0.42 0.00	27.67 0.41 0.00	26.81 0.42 0.00	26.78 0.47 0.00	26.87 0.48 0.00	27.18 0.48 0.00	30.79 0.60 0.00	37.63 0.77 0.00	31.27 0.55 0.00	28.88 0.40 0.00	26.44 0.44 0.00	24.78 0.44 0.00	24.08 0.31 0.00	22.75 0.18 0.00
RIVERBAY____ 323610	22.49 1.21 -0.01	21.28 1.07 0.00	20.45 0.94 0.00	19.95 0.91 0.00	20.42 0.92 0.00	21.52 0.91 0.00	24.55 1.10 0.00	26.57 1.41 0.00	27.68 1.47 0.00	29.11 1.62 0.00	29.41 1.51 0.00	28.73 1.47 0.00	27.89 1.50 0.00	27.80 1.50 0.00	27.93 1.53 0.00	28.25 1.55 0.00	32.06 1.87 0.00	39.33 2.47 0.00	32.71 2.00 0.00	30.25 1.77 0.00	27.45 1.46 0.00	25.70 1.36 0.00	25.20 1.43 0.00	23.84 1.26 -0.01
RIVERSDE_115KV_TB3 55908	21.57 0.30 0.00	20.51 0.30 0.00	19.81 0.29 0.00	19.32 0.29 0.00	19.79 0.29 0.00	20.92 0.31 0.00	23.73 0.28 0.00	25.59 0.43 0.00	26.53 0.31 0.00	27.79 0.30 0.00	28.24 0.33 0.00	27.61 0.35 0.00	26.73 0.34 0.00	26.70 0.39 0.00	26.79 0.40 0.00	27.10 0.40 0.00	30.70 0.51 0.00	37.52 0.66 0.00	31.21 0.49 0.00	28.83 0.34 0.00	26.36 0.36 0.00	24.70 0.37 0.00	24.01 0.24 0.00	22.71 0.14 0.00
ROARING___BROOK_WT_PWR 323790	21.27 0.00 0.00	20.18 -0.02 0.00	19.49 -0.02 0.00	19.02 -0.02 0.00	19.48 -0.02 0.00	20.59 -0.02 0.00	23.41 -0.05 0.00	25.11 -0.05 0.00	26.16 -0.05 0.00	27.43 -0.05 0.00	27.82 -0.08 0.00	27.15 -0.11 0.00	26.23 -0.16 0.00	26.12 -0.18 0.00	26.19 -0.21 0.00	26.49 -0.21 0.00	29.94 -0.24 0.00	36.56 -0.30 0.00	30.47 -0.25 0.00	28.26 -0.23 0.00	25.79 -0.21 0.00	24.14 -0.20 0.00	23.61 -0.17 0.00	22.44 -0.13 0.00
ROCHESRG_115KV_T4 355643	20.95 -0.32 0.00	19.92 -0.28 0.00	19.34 -0.18 0.00	18.83 -0.21 0.00	19.35 -0.16 0.00	20.37 -0.25 0.00	23.08 -0.38 0.00	24.48 -0.68 0.00	25.61 -0.60 0.00	26.74 -0.74 0.00	27.15 -0.75 0.00	26.55 -0.71 0.00	25.68 -0.71 0.00	25.51 -0.79 0.00	25.61 -0.79 0.00	25.93 -0.77 0.00	29.13 -1.06 0.00	35.20 -1.66 0.00	29.70 -1.01 0.00	27.74 -0.74 0.00	25.37 -0.62 0.00	23.68 -0.66 0.00	23.25 -0.52 0.00	22.30 -0.27 0.00
ROCHESTER_9_IC 23652	21.08 -0.19 0.00	20.02 -0.18 0.00	19.43 -0.08 0.00	18.93 -0.11 0.00	19.44 -0.06 0.00	20.47 -0.14 0.00	23.19 -0.26 0.00	24.63 -0.53 0.00	25.77 -0.45 0.00	26.93 -0.55 0.00	27.32 -0.59 0.00	26.74 -0.52 0.00	25.86 -0.53 0.00	25.70 -0.60 0.00	25.79 -0.61 0.00	26.09 -0.61 0.00	29.34 -0.85 0.00	35.46 -1.40 0.00	29.92 -0.80 0.00	27.94 -0.54 0.00	25.56 -0.44 0.00	23.83 -0.51 0.00	23.39 -0.38 0.00	22.44 -0.14 0.00
ROCKVIEW_13_KV_LD 356306	21.99 0.72 0.00	20.85 0.65 0.00	20.08 0.57 0.00	19.61 0.57 0.00	20.07 0.57 0.00	21.23 0.62 0.00	24.27 0.82 0.00	26.37 1.21 0.00	27.55 1.34 0.00	28.94 1.46 0.00	29.30 1.40 0.00	28.65 1.39 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.82 1.43 0.00	28.14 1.44 0.00	31.88 1.69 0.00	39.03 2.17 0.00	32.53 1.81 0.00	30.11 1.62 0.00	27.38 1.38 0.00	25.58 1.24 0.00	24.87 1.09 0.00	23.45 0.88 0.00
ROME____115KV_TB2 80656	21.80 0.53 0.00	20.69 0.48 0.00	19.96 0.45 0.00	19.48 0.44 0.00	19.97 0.47 0.00	21.17 0.56 0.00	24.13 0.68 0.00	25.94 0.78 0.00	27.08 0.86 0.00	28.42 0.93 0.00	28.82 0.92 0.00	28.13 0.87 0.00	27.21 0.82 0.00	27.15 0.84 0.00	27.27 0.87 0.00	27.58 0.88 0.00	31.21 1.03 0.00	38.08 1.22 0.00	31.64 0.92 0.00	29.34 0.85 0.00	26.73 0.73 0.00	25.05 0.71 0.00	24.41 0.64 0.00	23.14 0.56 0.00

ROSETON___1 23587	21.76 0.49 0.00	20.65 0.44 0.00	19.92 0.41 0.00	19.44 0.40 0.00	19.89 0.39 0.00	21.05 0.43 0.00	23.99 0.54 0.00	25.99 0.83 0.00	27.10 0.89 0.00	28.47 0.99 0.00	28.85 0.95 0.00	28.21 0.95 0.00	27.31 0.92 0.00	27.25 0.95 0.00	27.38 0.98 0.00	27.66 0.96 0.00	31.30 1.12 0.00	38.37 1.51 0.00	31.95 1.23 0.00	29.57 1.08 0.00	26.91 0.91 0.00	25.07 0.73 0.00	24.49 0.71 0.00	23.11 0.54 0.00
ROSETON___2 23588	21.76 0.49 0.00	20.65 0.44 0.00	19.92 0.41 0.00	19.44 0.40 0.00	19.89 0.39 0.00	21.05 0.43 0.00	23.99 0.54 0.00	25.99 0.83 0.00	27.10 0.89 0.00	28.47 0.99 0.00	28.85 0.95 0.00	28.21 0.95 0.00	27.31 0.92 0.00	27.25 0.95 0.00	27.38 0.98 0.00	27.66 0.96 0.00	31.30 1.12 0.00	38.37 1.51 0.00	31.95 1.23 0.00	29.57 1.08 0.00	26.91 0.91 0.00	25.07 0.73 0.00	24.49 0.71 0.00	23.11 0.54 0.00
ROTTRDAM_115KV_TB3 80664	21.71 0.45 0.00	20.63 0.42 0.00	19.90 0.39 0.00	19.42 0.38 0.00	19.91 0.41 0.00	21.07 0.45 0.00	23.94 0.49 0.00	25.79 0.63 0.00	26.89 0.68 0.00	28.20 0.71 0.00	28.66 0.75 0.00	27.99 0.74 0.00	27.10 0.71 0.00	27.04 0.74 0.00	27.14 0.74 0.00	27.48 0.77 0.00	31.09 0.91 0.00	38.00 1.14 0.00	31.64 0.92 0.00	29.28 0.80 0.00	26.73 0.73 0.00	25.02 0.68 0.00	24.34 0.57 0.00	23.07 0.50 0.00
RUSSELL___1 23602	21.16 -0.11 0.00	20.10 -0.10 0.00	19.49 -0.02 0.00	19.00 -0.04 0.00	19.52 0.02 0.00	20.55 -0.06 0.00	23.29 -0.16 0.00	24.76 -0.40 0.00	25.90 -0.31 0.00	27.07 -0.41 0.00	27.46 -0.45 0.00	26.88 -0.38 0.00	25.99 -0.40 0.00	25.83 -0.47 0.00	25.92 -0.48 0.00	26.25 -0.45 0.00	29.49 -0.69 0.00	35.72 -1.14 0.00	30.10 -0.61 0.00	28.11 -0.37 0.00	25.71 -0.29 0.00	23.95 -0.39 0.00	23.51 -0.26 0.00	22.53 -0.05 0.00
RUSSELL___2 23532	21.16 -0.11 0.00	20.10 -0.10 0.00	19.49 -0.02 0.00	19.00 -0.04 0.00	19.52 0.02 0.00	20.55 -0.06 0.00	23.29 -0.16 0.00	24.76 -0.40 0.00	25.90 -0.31 0.00	27.07 -0.41 0.00	27.46 -0.45 0.00	26.88 -0.38 0.00	25.99 -0.40 0.00	25.83 -0.47 0.00	25.92 -0.48 0.00	26.25 -0.45 0.00	29.49 -0.69 0.00	35.72 -1.14 0.00	30.10 -0.61 0.00	28.11 -0.37 0.00	25.71 -0.29 0.00	23.95 -0.39 0.00	23.51 -0.26 0.00	22.53 -0.05 0.00
RUSSELL___3 23549	21.16 -0.11 0.00	20.10 -0.10 0.00	19.49 -0.02 0.00	19.00 -0.04 0.00	19.52 0.02 0.00	20.55 -0.06 0.00	23.29 -0.16 0.00	24.76 -0.40 0.00	25.90 -0.31 0.00	27.07 -0.41 0.00	27.46 -0.45 0.00	26.88 -0.38 0.00	25.99 -0.40 0.00	25.83 -0.47 0.00	25.92 -0.48 0.00	26.25 -0.45 0.00	29.49 -0.69 0.00	35.72 -1.14 0.00	30.10 -0.61 0.00	28.11 -0.37 0.00	25.71 -0.29 0.00	23.95 -0.39 0.00	23.51 -0.26 0.00	22.53 -0.05 0.00
RUSSELL___4 23556	21.16 -0.11 0.00	20.10 -0.10 0.00	19.49 -0.02 0.00	19.00 -0.04 0.00	19.52 0.02 0.00	20.55 -0.06 0.00	23.29 -0.16 0.00	24.76 -0.40 0.00	25.90 -0.31 0.00	27.07 -0.41 0.00	27.46 -0.45 0.00	26.88 -0.38 0.00	25.99 -0.40 0.00	25.83 -0.47 0.00	25.92 -0.48 0.00	26.25 -0.45 0.00	29.49 -0.69 0.00	35.72 -1.14 0.00	30.10 -0.61 0.00	28.11 -0.37 0.00	25.71 -0.29 0.00	23.95 -0.39 0.00	23.51 -0.26 0.00	22.53 -0.05 0.00
RUSSELL___STATION 23914	21.16 -0.11 0.00	20.10 -0.10 0.00	19.49 -0.02 0.00	19.00 -0.04 0.00	19.52 0.02 0.00	20.55 -0.06 0.00	23.29 -0.16 0.00	24.76 -0.40 0.00	25.90 -0.31 0.00	27.07 -0.41 0.00	27.46 -0.45 0.00	26.88 -0.38 0.00	25.99 -0.40 0.00	25.83 -0.47 0.00	25.92 -0.48 0.00	26.25 -0.45 0.00	29.49 -0.69 0.00	35.72 -1.14 0.00	30.10 -0.61 0.00	28.11 -0.37 0.00	25.71 -0.29 0.00	23.95 -0.39 0.00	23.51 -0.26 0.00	22.53 -0.05 0.00
S SALMON___HYD 24043	20.72 -0.55 0.00	19.68 -0.53 0.00	19.00 -0.51 0.00	18.53 -0.51 0.00	19.01 -0.49 0.00	20.12 -0.49 0.00	22.89 -0.56 0.00	24.48 -0.68 0.00	25.50 -0.71 0.00	26.74 -0.74 0.00	27.18 -0.73 0.00	26.50 -0.76 0.00	25.62 -0.77 0.00	25.54 -0.76 0.00	25.66 -0.74 0.00	25.98 -0.72 0.00	29.40 -0.78 0.00	35.87 -0.99 0.00	29.89 -0.83 0.00	27.72 -0.77 0.00	25.32 -0.68 0.00	23.88 -0.46 0.00	23.35 -0.43 0.00	22.19 -0.38 0.00
S.PERRY__115KV_TB1 80734	21.91 0.64 0.00	20.79 0.59 0.00	20.16 0.64 0.00	19.63 0.59 0.00	20.16 0.66 0.00	21.27 0.66 0.00	24.11 0.66 0.00	25.71 0.55 0.00	26.89 0.68 0.00	28.09 0.60 0.00	28.43 0.53 0.00	27.80 0.55 0.00	26.86 0.47 0.00	26.67 0.37 0.00	26.79 0.40 0.00	27.24 0.53 0.00	30.70 0.51 0.00	37.19 0.33 0.00	31.33 0.61 0.00	29.25 0.77 0.00	26.78 0.78 0.00	24.88 0.54 0.00	24.34 0.57 0.00	23.34 0.77 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.01 -0.26 0.00	20.04 -0.16 0.00	19.51 0.00 0.00	19.00 -0.04 0.00	19.50 0.00 0.00	20.47 -0.14 0.00	23.12 -0.33 0.00	24.30 -0.86 0.00	25.50 -0.71 0.00	26.52 -0.96 0.00	26.90 -1.00 0.00	26.30 -0.95 0.00	25.41 -0.98 0.00	25.20 -1.10 0.00	25.26 -1.14 0.00	25.55 -1.15 0.00	28.52 -1.66 0.00	34.28 -2.58 0.00	29.18 -1.54 0.00	27.43 -1.05 0.00	25.11 -0.88 0.00	23.51 -0.83 0.00	23.11 -0.67 0.00	22.39 -0.18 0.00
SAWYER___23_KV_LOAD 55526	21.01 -0.26 0.00	20.04 -0.16 0.00	19.51 0.00 0.00	19.00 -0.04 0.00	19.50 0.00 0.00	20.47 -0.14 0.00	23.12 -0.33 0.00	24.30 -0.86 0.00	25.50 -0.71 0.00	26.52 -0.96 0.00	26.90 -1.00 0.00	26.30 -0.95 0.00	25.41 -0.98 0.00	25.20 -1.10 0.00	25.26 -1.14 0.00	25.55 -1.15 0.00	28.52 -1.66 0.00	34.28 -2.58 0.00	29.18 -1.54 0.00	27.43 -1.05 0.00	25.11 -0.88 0.00	23.51 -0.83 0.00	23.11 -0.67 0.00	22.39 -0.18 0.00
SELKIRK___I 23801	21.72 0.45 0.00	20.65 0.44 0.00	19.86 0.35 0.00	19.40 0.36 0.00	19.85 0.35 0.00	20.96 0.35 0.00	23.78 0.33 0.00	25.58 0.43 0.00	26.66 0.45 0.00	27.95 0.47 0.00	28.41 0.50 0.00	27.75 0.49 0.00	26.86 0.48 0.00	26.83 0.53 0.00	26.93 0.53 0.00	27.26 0.56 0.00	30.85 0.66 0.00	37.71 0.85 0.00	31.39 0.67 0.00	29.02 0.54 0.00	26.47 0.47 0.00	24.75 0.41 0.00	24.20 0.43 0.00	22.91 0.34 0.00
SELKIRK___II 23799	21.54 0.28 0.00	20.49 0.28 0.00	19.73 0.22 0.00	19.27 0.23 0.00	19.70 0.19 0.00	20.82 0.21 0.00	23.64 0.19 0.00	25.46 0.30 0.00	26.53 0.32 0.00	27.82 0.33 0.00	28.24 0.34 0.00	27.61 0.35 0.00	26.73 0.34 0.00	26.70 0.40 0.00	26.79 0.40 0.00	27.10 0.40 0.00	30.67 0.48 0.00	37.52 0.66 0.00	31.21 0.49 0.00	28.85 0.37 0.00	26.31 0.31 0.00	24.61 0.27 0.00	24.03 0.26 0.00	22.75 0.18 0.00
SENECA OSWGO___HYD 24041	20.80 -0.47 0.00	19.76 -0.44 0.00	19.10 -0.41 0.00	18.64 -0.40 0.00	19.11 -0.39 0.00	20.18 -0.43 0.00	22.96 -0.49 0.00	24.48 -0.68 0.00	25.50 -0.71 0.00	26.74 -0.74 0.00	27.18 -0.73 0.00	26.55 -0.71 0.00	25.70 -0.69 0.00	25.62 -0.68 0.00	25.71 -0.69 0.00	26.03 -0.67 0.00	29.40 -0.78 0.00	35.87 -0.99 0.00	29.89 -0.83 0.00	27.77 -0.71 0.00	25.40 -0.60 0.00	23.85 -0.49 0.00	23.27 -0.50 0.00	22.19 -0.38 0.00

SENECA___115KV_TB3 355854	21.33 0.06 0.00	20.35 0.14 0.00	19.81 0.29 0.00	19.27 0.23 0.00	19.79 0.29 0.00	20.78 0.16 0.00	23.50 0.05 0.00	24.73 -0.43 0.00	25.95 -0.26 0.00	26.96 -0.52 0.00	27.37 -0.53 0.00	26.77 -0.49 0.00	25.86 -0.53 0.00	25.65 -0.66 0.00	25.71 -0.69 0.00	26.01 -0.69 0.00	29.04 -1.15 0.00	34.94 -1.92 0.00	29.70 -1.01 0.00	27.91 -0.57 0.00	25.56 -0.44 0.00	23.93 -0.41 0.00	23.49 -0.29 0.00	22.73 0.16 0.00
SENECA___ENERGY 23797	21.14 -0.13 0.00	20.06 -0.14 0.00	19.42 -0.10 0.00	18.94 -0.09 0.00	19.44 -0.06 0.00	20.57 -0.04 0.00	23.38 -0.07 0.00	24.96 -0.20 0.00	26.00 -0.21 0.00	27.24 -0.25 0.00	27.65 -0.25 0.00	27.01 -0.25 0.00	26.12 -0.26 0.00	26.01 -0.29 0.00	26.11 -0.29 0.00	26.43 -0.27 0.00	29.88 -0.30 0.00	36.23 -0.63 0.00	30.38 -0.34 0.00	28.29 -0.20 0.00	25.87 -0.13 0.00	24.19 -0.15 0.00	23.61 -0.17 0.00	22.53 -0.05 0.00
SHOEMAKER___GT 23640	21.63 0.36 0.00	20.53 0.32 0.00	19.82 0.31 0.00	19.34 0.30 0.00	19.77 0.27 0.00	20.94 0.33 0.00	23.87 0.42 0.00	25.79 0.63 0.00	26.89 0.68 0.00	28.20 0.71 0.00	28.60 0.70 0.00	27.97 0.71 0.00	27.07 0.68 0.00	26.99 0.68 0.00	27.11 0.71 0.00	27.42 0.72 0.00	31.00 0.82 0.00	37.96 1.10 0.00	31.64 0.92 0.00	29.34 0.85 0.00	26.70 0.70 0.00	24.90 0.56 0.00	24.34 0.57 0.00	23.00 0.43 0.00
SHOEMAKR_138KV_BK 111 55601	21.63 0.36 0.00	20.53 0.32 0.00	19.79 0.27 0.00	19.31 0.27 0.00	19.75 0.25 0.00	20.90 0.29 0.00	23.85 0.40 0.00	25.76 0.60 0.00	26.89 0.68 0.00	28.23 0.74 0.00	28.63 0.73 0.00	27.97 0.71 0.00	27.07 0.69 0.00	27.01 0.71 0.00	27.14 0.74 0.00	27.42 0.72 0.00	31.03 0.85 0.00	37.97 1.11 0.00	31.64 0.92 0.00	29.34 0.85 0.00	26.75 0.75 0.00	25.02 0.68 0.00	24.34 0.57 0.00	23.00 0.43 0.00
SHOREHAM_IC_1 23715	23.74 1.53 -0.94	21.70 1.50 0.00	20.90 1.39 0.00	20.28 1.24 0.00	20.81 1.31 0.00	22.12 1.50 0.00	25.92 1.67 -0.80	28.52 1.99 -1.37	29.67 2.15 -1.31	33.64 2.56 -3.60	32.11 2.62 -1.58	31.81 2.54 -2.01	29.10 1.85 -0.87	29.30 1.89 -1.10	29.10 1.93 -0.78	30.10 1.84 -1.56	32.28 2.05 -0.04	40.73 3.21 -0.66	33.27 2.37 -0.19	30.59 2.02 -0.09	29.60 1.69 -1.92	27.88 1.41 -2.13	25.03 1.26 0.00	25.67 1.56 -1.55
SHOREHAM_IC_2 23716	23.74 1.53 -0.94	21.70 1.50 0.00	20.90 1.39 0.00	20.28 1.24 0.00	20.81 1.31 0.00	22.12 1.50 0.00	25.92 1.67 -0.80	28.52 1.99 -1.37	29.67 2.15 -1.31	33.64 2.56 -3.60	32.11 2.62 -1.58	31.81 2.54 -2.01	29.10 1.85 -0.87	29.30 1.89 -1.10	29.10 1.93 -0.78	30.10 1.84 -1.56	32.28 2.05 -0.04	40.73 3.21 -0.66	33.27 2.37 -0.19	30.59 2.02 -0.09	29.60 1.69 -1.92	27.88 1.41 -2.13	25.03 1.26 0.00	25.67 1.56 -1.55
SISSONVILLE____ 23735	20.93 -0.34 0.00	19.88 -0.32 0.00	19.20 -0.31 0.00	18.73 -0.30 0.00	19.17 -0.33 0.00	20.28 -0.33 0.00	23.12 -0.33 0.00	24.91 -0.25 0.00	25.98 -0.24 0.00	27.26 -0.22 0.00	27.68 -0.22 0.00	26.99 -0.27 0.00	26.15 -0.24 0.00	26.04 -0.26 0.00	26.11 -0.29 0.00	26.41 -0.29 0.00	29.88 -0.30 0.00	36.57 -0.29 0.00	30.38 -0.34 0.00	28.17 -0.31 0.00	25.61 -0.39 0.00	24.00 -0.34 0.00	23.39 -0.38 0.00	22.17 -0.41 0.00
SITHE_IND_GS1 24169	20.67 -0.60 0.00	19.64 -0.57 0.00	18.99 -0.53 0.00	18.53 -0.51 0.00	18.99 -0.51 0.00	20.06 -0.56 0.00	22.82 -0.63 0.00	24.28 -0.88 0.00	25.24 -0.97 0.00	26.47 -1.02 0.00	26.87 -1.03 0.00	26.25 -1.01 0.00	25.41 -0.98 0.00	25.33 -0.97 0.00	25.42 -0.98 0.00	25.71 -0.99 0.00	29.04 -1.15 0.00	35.38 -1.48 0.00	29.52 -1.20 0.00	27.43 -1.05 0.00	25.11 -0.88 0.00	23.61 -0.73 0.00	23.06 -0.71 0.00	21.99 -0.59 0.00
SITHE_IND_GS2 24170	20.67 -0.60 0.00	19.64 -0.57 0.00	18.99 -0.53 0.00	18.53 -0.51 0.00	18.99 -0.51 0.00	20.06 -0.56 0.00	22.82 -0.63 0.00	24.28 -0.88 0.00	25.24 -0.97 0.00	26.47 -1.02 0.00	26.87 -1.03 0.00	26.25 -1.01 0.00	25.41 -0.98 0.00	25.33 -0.97 0.00	25.42 -0.98 0.00	25.71 -0.99 0.00	29.04 -1.15 0.00	35.38 -1.48 0.00	29.52 -1.20 0.00	27.43 -1.05 0.00	25.11 -0.88 0.00	23.61 -0.73 0.00	23.06 -0.71 0.00	21.99 -0.59 0.00
SITHE_IND_GS3 24171	20.67 -0.60 0.00	19.64 -0.57 0.00	18.99 -0.53 0.00	18.53 -0.51 0.00	18.99 -0.51 0.00	20.06 -0.56 0.00	22.82 -0.63 0.00	24.28 -0.88 0.00	25.24 -0.97 0.00	26.47 -1.02 0.00	26.87 -1.03 0.00	26.25 -1.01 0.00	25.41 -0.98 0.00	25.33 -0.97 0.00	25.42 -0.98 0.00	25.71 -0.99 0.00	29.04 -1.15 0.00	35.38 -1.48 0.00	29.52 -1.20 0.00	27.43 -1.05 0.00	25.11 -0.88 0.00	23.61 -0.73 0.00	23.06 -0.71 0.00	21.99 -0.59 0.00
SITHE_IND_GS4 24172	20.67 -0.60 0.00	19.64 -0.57 0.00	18.99 -0.53 0.00	18.53 -0.51 0.00	18.99 -0.51 0.00	20.06 -0.56 0.00	22.82 -0.63 0.00	24.28 -0.88 0.00	25.24 -0.97 0.00	26.47 -1.02 0.00	26.87 -1.03 0.00	26.25 -1.01 0.00	25.41 -0.98 0.00	25.33 -0.97 0.00	25.42 -0.98 0.00	25.71 -0.99 0.00	29.04 -1.15 0.00	35.38 -1.48 0.00	29.52 -1.20 0.00	27.43 -1.05 0.00	25.11 -0.88 0.00	23.61 -0.73 0.00	23.06 -0.71 0.00	21.99 -0.59 0.00
SITHE___BATAVIA 24024	21.37 0.11 0.00	20.31 0.10 0.00	19.75 0.23 0.00	19.21 0.17 0.00	19.81 0.31 0.00	20.80 0.19 0.00	23.59 0.14 0.00	24.93 -0.23 0.00	26.03 -0.18 0.00	27.13 -0.36 0.00	27.51 -0.39 0.00	26.93 -0.33 0.00	26.02 -0.37 0.00	25.80 -0.50 0.00	25.90 -0.50 0.00	26.25 -0.45 0.00	29.58 -0.60 0.00	35.42 -1.44 0.00	30.01 -0.71 0.00	28.14 -0.34 0.00	25.87 -0.13 0.00	24.07 -0.27 0.00	23.56 -0.21 0.00	22.73 0.16 0.00
SITHE___INDEPEND 23800	20.67 -0.60 0.00	19.64 -0.57 0.00	18.99 -0.53 0.00	18.53 -0.51 0.00	18.99 -0.51 0.00	20.06 -0.56 0.00	22.80 -0.66 0.00	24.25 -0.91 0.00	25.24 -0.97 0.00	26.47 -1.02 0.00	26.87 -1.03 0.00	26.25 -1.01 0.00	25.41 -0.98 0.00	25.33 -0.97 0.00	25.42 -0.98 0.00	25.71 -0.99 0.00	29.04 -1.15 0.00	35.39 -1.47 0.00	29.52 -1.20 0.00	27.43 -1.05 0.00	25.06 -0.94 0.00	23.46 -0.88 0.00	23.06 -0.71 0.00	21.99 -0.59 0.00
SITHE___MASSENA 23902	21.48 0.21 0.00	20.41 0.20 0.00	19.73 0.22 0.00	19.23 0.19 0.00	19.70 0.19 0.00	20.80 0.19 0.00	23.69 0.23 0.00	25.46 0.30 0.00	26.55 0.34 0.00	27.84 0.36 0.00	28.26 0.36 0.00	27.59 0.33 0.00	26.73 0.34 0.00	26.62 0.32 0.00	26.69 0.29 0.00	27.00 0.29 0.00	30.52 0.33 0.00	37.30 0.44 0.00	31.05 0.34 0.00	28.80 0.31 0.00	26.23 0.23 0.00	24.53 0.19 0.00	23.96 0.19 0.00	22.75 0.18 0.00
SITHE___OGDNSBRG 24021	21.50 0.23 0.00	20.43 0.22 0.00	19.73 0.21 0.00	19.25 0.21 0.00	19.70 0.20 0.00	20.84 0.23 0.00	23.76 0.30 0.00	25.61 0.45 0.00	26.74 0.52 0.00	28.06 0.58 0.00	28.52 0.61 0.00	27.80 0.55 0.00	26.92 0.53 0.00	26.83 0.53 0.00	26.90 0.50 0.00	27.18 0.48 0.00	30.76 0.57 0.00	37.56 0.70 0.00	31.24 0.52 0.00	28.94 0.46 0.00	26.31 0.31 0.00	24.63 0.29 0.00	24.01 0.24 0.00	22.75 0.18 0.00

SITHE___STERLING 23777	21.69 0.43 0.00	20.61 0.40 0.00	19.90 0.39 0.00	19.40 0.36 0.00	19.89 0.39 0.00	21.09 0.47 0.00	24.01 0.56 0.00	25.79 0.63 0.00	26.89 0.68 0.00	28.23 0.74 0.00	28.63 0.72 0.00	27.97 0.71 0.00	27.05 0.66 0.00	26.99 0.68 0.00	27.11 0.71 0.00	27.42 0.72 0.00	31.00 0.82 0.00	37.78 0.92 0.00	31.42 0.71 0.00	29.14 0.66 0.00	26.60 0.60 0.00	24.90 0.56 0.00	24.27 0.50 0.00	23.05 0.47 0.00
SLEIGHT__34_KV_TB1 80719	20.95 -0.32 0.00	19.90 -0.30 0.00	19.28 -0.23 0.00	18.79 -0.25 0.00	19.29 -0.21 0.00	20.37 -0.25 0.00	23.12 -0.33 0.00	24.65 -0.50 0.00	25.74 -0.47 0.00	26.96 -0.52 0.00	27.37 -0.53 0.00	26.77 -0.49 0.00	25.89 -0.50 0.00	25.78 -0.53 0.00	25.87 -0.53 0.00	26.17 -0.53 0.00	29.49 -0.69 0.00	35.79 -1.07 0.00	30.04 -0.68 0.00	27.97 -0.51 0.00	25.58 -0.42 0.00	23.85 -0.49 0.00	23.34 -0.43 0.00	22.32 -0.25 0.00
SOUTH CAIRO___GT 23612	22.29 1.02 0.00	21.17 0.97 0.00	20.33 0.82 0.00	19.84 0.80 0.00	20.30 0.80 0.00	21.42 0.80 0.00	24.30 0.84 0.00	25.96 0.80 0.00	27.07 0.86 0.00	28.28 0.80 0.00	28.74 0.84 0.00	28.08 0.82 0.00	27.18 0.79 0.00	27.15 0.84 0.00	27.32 0.92 0.00	27.72 1.01 0.00	31.45 1.27 0.00	38.44 1.58 0.00	32.04 1.32 0.00	29.57 1.08 0.00	27.01 1.01 0.00	25.19 0.85 0.00	24.63 0.85 0.00	23.29 0.72 0.00
SOUTH HAMPTN___IC 23720	23.97 1.76 -0.94	21.92 1.72 0.00	21.11 1.60 0.00	20.49 1.45 0.00	21.02 1.52 0.00	22.35 1.73 0.00	26.20 1.95 -0.80	28.84 2.31 -1.37	30.01 2.49 -1.31	33.97 2.89 -3.60	32.47 2.99 -1.58	32.13 2.86 -2.01	29.50 2.24 -0.87	29.70 2.29 -1.10	29.52 2.35 -0.78	30.56 2.30 -1.56	32.76 2.54 -0.04	41.36 3.83 -0.66	33.79 2.89 -0.19	31.10 2.53 -0.09	30.05 2.13 -1.92	28.27 1.80 -2.13	25.41 1.64 0.00	25.97 1.85 -1.55
SOUTHDOW_115KV_TB1 355954	22.10 0.83 0.00	21.03 0.83 0.00	20.45 0.94 0.00	19.95 0.91 0.00	20.42 0.92 0.00	21.54 0.93 0.00	24.48 1.03 0.00	25.86 0.70 0.00	27.10 0.89 0.00	28.20 0.71 0.00	28.60 0.70 0.00	27.97 0.71 0.00	26.97 0.58 0.00	26.70 0.39 0.00	26.74 0.34 0.00	27.05 0.35 0.00	30.25 0.06 0.00	36.57 -0.29 0.00	30.96 0.25 0.00	29.08 0.60 0.00	26.60 0.60 0.00	24.85 0.51 0.00	24.34 0.57 0.00	23.54 0.97 0.00
SOUTHOLD_69_KV_BK 2 55809	24.32 2.11 -0.94	22.23 2.02 0.00	21.37 1.85 0.00	20.73 1.69 0.00	21.30 1.79 0.00	22.53 1.92 0.00	26.55 2.30 -0.80	29.27 2.74 -1.37	30.48 2.96 -1.31	34.44 3.35 -3.60	32.97 3.49 -1.58	32.62 3.35 -2.01	30.00 2.74 -0.87	30.17 2.76 -1.10	29.95 2.77 -0.78	31.07 2.80 -1.56	33.70 3.47 -0.04	42.17 4.64 -0.66	34.47 3.56 -0.19	31.70 3.13 -0.09	30.62 2.70 -1.92	28.90 2.43 -2.13	25.89 2.12 0.00	26.40 2.28 -1.55
SOUTHOLD___IC 23719	24.32 2.11 -0.94	22.23 2.02 0.00	21.40 1.89 0.00	20.77 1.73 0.00	21.32 1.81 0.00	22.68 2.06 0.00	26.58 2.32 -0.80	29.27 2.74 -1.37	30.48 2.96 -1.31	34.43 3.35 -3.60	32.97 3.49 -1.58	32.62 3.35 -2.01	30.00 2.74 -0.87	30.17 2.76 -1.10	30.00 2.83 -0.78	31.07 2.80 -1.56	33.40 3.17 -0.04	42.17 4.64 -0.66	34.46 3.56 -0.19	31.70 3.13 -0.09	30.59 2.68 -1.92	28.78 2.31 -2.13	25.89 2.12 0.00	26.38 2.26 -1.55
SOUTH_FORK_WT_PWR 323839	24.36 2.15 -0.94	22.27 2.06 0.00	21.44 1.93 0.00	20.79 1.75 0.00	21.35 1.85 0.00	22.70 2.08 0.00	26.62 2.37 -0.80	29.30 2.77 -1.37	30.51 2.99 -1.31	34.49 3.41 -3.60	33.03 3.54 -1.58	32.68 3.41 -2.01	30.03 2.77 -0.87	30.20 2.79 -1.10	30.03 2.85 -0.78	31.09 2.83 -1.56	33.43 3.20 -0.04	42.20 4.68 -0.66	34.49 3.59 -0.19	31.73 3.16 -0.09	30.62 2.70 -1.92	28.80 2.34 -2.13	25.91 2.14 0.00	26.40 2.28 -1.55
SPIERFLS_115KV_TB 1 80737	22.16 0.89 0.00	21.01 0.81 0.00	20.29 0.78 0.00	19.80 0.76 0.00	20.30 0.80 0.00	21.52 0.91 0.00	24.48 1.03 0.00	26.42 1.26 0.00	27.57 1.36 0.00	28.97 1.48 0.00	29.44 1.53 0.00	28.76 1.50 0.00	27.81 1.42 0.00	27.80 1.50 0.00	27.88 1.48 0.00	28.28 1.58 0.00	32.00 1.81 0.00	39.15 2.29 0.00	32.56 1.84 0.00	30.02 1.54 0.00	27.43 1.43 0.00	25.63 1.29 0.00	24.87 1.09 0.00	23.57 0.99 0.00
ST LAWRENCE____ 23600	21.29 0.02 0.00	20.23 0.02 0.00	19.53 0.02 0.00	19.06 0.02 0.00	19.50 0.00 0.00	20.61 0.00 0.00	23.45 0.00 0.00	25.21 0.05 0.00	26.26 0.05 0.00	27.54 0.06 0.00	27.96 0.06 0.00	27.31 0.05 0.00	26.44 0.05 0.00	26.33 0.03 0.00	26.40 0.00 0.00	26.73 0.03 0.00	30.21 0.03 0.00	36.90 0.04 0.00	30.75 0.03 0.00	28.48 0.00 0.00	25.97 -0.03 0.00	24.32 -0.02 0.00	23.75 -0.02 0.00	22.53 -0.05 0.00
STATE_CA_115KV_115_LB 55624	21.59 0.32 0.00	20.55 0.34 0.00	19.82 0.31 0.00	19.36 0.32 0.00	19.83 0.33 0.00	20.97 0.35 0.00	23.78 0.33 0.00	25.64 0.48 0.00	26.55 0.34 0.00	27.81 0.33 0.00	28.27 0.36 0.00	27.61 0.35 0.00	26.76 0.37 0.00	26.72 0.42 0.00	26.79 0.40 0.00	27.13 0.43 0.00	30.73 0.54 0.00	37.56 0.70 0.00	31.24 0.52 0.00	28.85 0.37 0.00	26.36 0.36 0.00	24.70 0.37 0.00	24.03 0.26 0.00	22.71 0.14 0.00
STATE_ST_34_KV_LOAD 55959	21.29 0.02 0.00	20.20 0.00 0.00	19.53 0.02 0.00	19.06 0.02 0.00	19.54 0.04 0.00	20.68 0.06 0.00	23.52 0.07 0.00	25.13 -0.03 0.00	26.21 0.00 0.00	27.48 0.00 0.00	27.93 0.03 0.00	27.29 0.03 0.00	26.39 0.00 0.00	26.30 0.00 0.00	26.40 0.00 0.00	26.73 0.03 0.00	30.18 0.00 0.00	36.75 -0.11 0.00	30.72 0.00 0.00	28.54 0.06 0.00	26.08 0.08 0.00	24.36 0.02 0.00	23.82 0.05 0.00	22.69 0.11 0.00
STATION 5_MISC_HYD 23604	21.08 -0.19 0.00	20.02 -0.18 0.00	19.43 -0.08 0.00	18.93 -0.11 0.00	19.48 -0.02 0.00	20.51 -0.10 0.00	23.26 -0.19 0.00	24.71 -0.45 0.00	25.77 -0.45 0.00	26.94 -0.55 0.00	27.32 -0.59 0.00	26.74 -0.52 0.00	25.86 -0.53 0.00	25.70 -0.60 0.00	25.79 -0.61 0.00	26.09 -0.61 0.00	29.46 -0.72 0.00	35.46 -1.40 0.00	29.92 -0.80 0.00	27.94 -0.54 0.00	25.63 -0.36 0.00	23.93 -0.41 0.00	23.39 -0.38 0.00	22.44 -0.13 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.27 0.00 0.00	20.18 -0.02 0.00	19.55 0.04 0.00	19.06 0.02 0.00	19.58 0.08 0.00	20.66 0.04 0.00	23.45 0.00 0.00	24.98 -0.18 0.00	26.11 -0.10 0.00	27.35 -0.14 0.00	27.76 -0.14 0.00	27.15 -0.11 0.00	26.26 -0.13 0.00	26.12 -0.18 0.00	26.21 -0.18 0.00	26.54 -0.16 0.00	29.91 -0.27 0.00	36.27 -0.59 0.00	30.47 -0.25 0.00	28.40 -0.09 0.00	25.97 -0.03 0.00	24.19 -0.15 0.00	23.70 -0.07 0.00	22.66 0.09 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.95 -0.32 0.00	19.90 -0.30 0.00	19.30 -0.21 0.00	18.81 -0.23 0.00	19.33 -0.18 0.00	20.35 -0.27 0.00	23.08 -0.38 0.00	24.50 -0.65 0.00	25.63 -0.58 0.00	26.80 -0.69 0.00	27.21 -0.70 0.00	26.60 -0.65 0.00	25.73 -0.66 0.00	25.59 -0.71 0.00	25.69 -0.71 0.00	26.01 -0.69 0.00	29.25 -0.94 0.00	35.39 -1.47 0.00	29.79 -0.92 0.00	27.83 -0.66 0.00	25.45 -0.55 0.00	23.73 -0.61 0.00	23.27 -0.50 0.00	22.30 -0.27 0.00

STA_56___34_KV_BUS2 355983	20.95 -0.32 0.00	19.90 -0.30 0.00	19.30 -0.21 0.00	18.81 -0.23 0.00	19.33 -0.18 0.00	20.35 -0.27 0.00	23.08 -0.38 0.00	24.50 -0.65 0.00	25.63 -0.58 0.00	26.80 -0.69 0.00	27.21 -0.70 0.00	26.60 -0.65 0.00	25.73 -0.66 0.00	25.59 -0.71 0.00	25.69 -0.71 0.00	26.01 -0.69 0.00	29.25 -0.94 0.00	35.39 -1.47 0.00	29.79 -0.92 0.00	27.83 -0.66 0.00	25.45 -0.55 0.00	23.73 -0.61 0.00	23.27 -0.50 0.00	22.30 -0.27 0.00
STA_67___115KV_BK2 355882	21.03 -0.23 0.00	19.98 -0.22 0.00	19.40 -0.12 0.00	18.89 -0.15 0.00	19.42 -0.08 0.00	20.43 -0.19 0.00	23.15 -0.30 0.00	24.58 -0.58 0.00	25.71 -0.50 0.00	26.85 -0.63 0.00	27.26 -0.64 0.00	26.66 -0.60 0.00	25.78 -0.61 0.00	25.62 -0.68 0.00	25.71 -0.69 0.00	26.03 -0.67 0.00	29.25 -0.94 0.00	35.39 -1.47 0.00	29.82 -0.89 0.00	27.86 -0.63 0.00	25.50 -0.49 0.00	23.78 -0.56 0.00	23.34 -0.43 0.00	22.39 -0.18 0.00
STA_7___115KV_9TRANS 80674	21.16 -0.11 0.00	20.10 -0.10 0.00	19.49 -0.02 0.00	19.00 -0.04 0.00	19.52 0.02 0.00	20.55 -0.06 0.00	23.29 -0.16 0.00	24.76 -0.40 0.00	25.90 -0.31 0.00	27.07 -0.41 0.00	27.46 -0.45 0.00	26.88 -0.38 0.00	25.99 -0.40 0.00	25.83 -0.47 0.00	25.92 -0.48 0.00	26.25 -0.45 0.00	29.49 -0.69 0.00	35.72 -1.14 0.00	30.10 -0.61 0.00	28.11 -0.37 0.00	25.71 -0.29 0.00	23.95 -0.39 0.00	23.51 -0.26 0.00	22.53 -0.05 0.00
STA_82___115KV_TB1 80780	21.03 -0.23 0.00	20.00 -0.20 0.00	19.41 -0.10 0.00	18.91 -0.13 0.00	19.42 -0.08 0.00	20.45 -0.16 0.00	23.17 -0.28 0.00	24.58 -0.58 0.00	25.71 -0.50 0.00	26.88 -0.60 0.00	27.26 -0.64 0.00	26.69 -0.57 0.00	25.81 -0.58 0.00	25.65 -0.66 0.00	25.74 -0.66 0.00	26.06 -0.64 0.00	29.28 -0.91 0.00	35.39 -1.47 0.00	29.86 -0.86 0.00	27.89 -0.60 0.00	25.50 -0.49 0.00	23.80 -0.54 0.00	23.34 -0.43 0.00	22.39 -0.18 0.00
STEEL___WIND 323596	21.33 0.06 0.00	20.31 0.10 0.00	19.77 0.25 0.00	19.25 0.21 0.00	19.81 0.31 0.00	20.82 0.21 0.00	23.59 0.14 0.00	24.83 -0.33 0.00	25.92 -0.29 0.00	26.94 -0.55 0.00	27.35 -0.56 0.00	26.74 -0.52 0.00	25.83 -0.56 0.00	25.62 -0.68 0.00	25.69 -0.71 0.00	25.98 -0.72 0.00	29.19 -1.00 0.00	34.91 -1.95 0.00	29.67 -1.04 0.00	27.88 -0.60 0.00	25.61 -0.39 0.00	23.95 -0.39 0.00	23.46 -0.31 0.00	22.75 0.18 0.00
STEPHTWN_115KV_BK_2 55603	21.78 0.51 0.00	20.71 0.51 0.00	20.00 0.49 0.00	19.53 0.50 0.00	19.99 0.49 0.00	21.15 0.54 0.00	23.99 0.54 0.00	25.86 0.70 0.00	26.79 0.58 0.00	28.09 0.60 0.00	28.52 0.61 0.00	27.86 0.60 0.00	26.97 0.58 0.00	26.91 0.60 0.00	27.01 0.61 0.00	27.34 0.64 0.00	31.00 0.81 0.00	37.93 1.07 0.00	31.54 0.83 0.00	29.11 0.63 0.00	26.60 0.60 0.00	24.92 0.58 0.00	24.22 0.45 0.00	22.89 0.32 0.00
STEBUBEN_REC_LFGE 323667	21.84 0.57 0.00	20.73 0.53 0.00	20.10 0.59 0.00	19.59 0.55 0.00	20.09 0.59 0.00	21.23 0.62 0.00	24.06 0.61 0.00	25.64 0.48 0.00	26.84 0.63 0.00	28.03 0.55 0.00	28.46 0.56 0.00	27.80 0.55 0.00	26.81 0.42 0.00	26.62 0.32 0.00	26.71 0.32 0.00	27.13 0.43 0.00	30.49 0.30 0.00	36.86 0.00 0.00	31.02 0.31 0.00	29.00 0.51 0.00	26.47 0.47 0.00	24.73 0.39 0.00	24.15 0.38 0.00	23.25 0.68 0.00
STILLWATER___SOLAR 323814	22.01 0.74 0.00	20.91 0.71 0.00	20.18 0.66 0.00	19.69 0.65 0.00	20.16 0.66 0.00	21.36 0.74 0.00	24.27 0.82 0.00	26.19 1.03 0.00	27.31 1.10 0.00	28.67 1.18 0.00	29.13 1.23 0.00	28.46 1.20 0.00	27.55 1.16 0.00	27.51 1.21 0.00	27.61 1.21 0.00	27.96 1.26 0.00	31.63 1.45 0.00	38.70 1.84 0.00	32.19 1.47 0.00	29.74 1.25 0.00	27.11 1.12 0.00	25.31 0.97 0.00	24.68 0.90 0.00	23.38 0.81 0.00
STONY___BROOK 24151	23.66 1.45 -0.94	21.58 1.37 0.00	20.78 1.27 0.00	20.18 1.14 0.00	20.71 1.21 0.00	22.00 1.38 0.00	25.87 1.62 -0.80	28.57 2.04 -1.37	29.69 2.17 -1.31	33.47 2.39 -3.60	31.88 2.40 -1.58	31.62 2.34 -2.01	29.34 2.08 -0.87	29.54 2.13 -1.10	29.34 2.17 -0.78	30.40 2.14 -1.56	32.58 2.36 -0.04	40.91 3.39 -0.66	33.57 2.67 -0.19	30.93 2.36 -0.09	29.94 2.03 -1.92	28.20 1.73 -2.13	25.34 1.57 0.00	25.67 1.56 -1.55
STURGEON_POOL_HYD 23609	21.78 0.51 0.00	20.65 0.44 0.00	19.88 0.37 0.00	19.40 0.36 0.00	19.85 0.35 0.00	20.99 0.37 0.00	23.97 0.52 0.00	25.91 0.75 0.00	27.10 0.89 0.00	28.45 0.96 0.00	28.85 0.95 0.00	28.19 0.93 0.00	27.31 0.92 0.00	27.22 0.92 0.00	27.37 0.98 0.00	27.66 0.96 0.00	31.33 1.15 0.00	38.37 1.51 0.00	31.97 1.26 0.00	29.60 1.11 0.00	26.96 0.96 0.00	25.19 0.85 0.00	24.51 0.74 0.00	23.16 0.59 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.65 0.38 0.00	20.55 0.34 0.00	19.81 0.29 0.00	19.34 0.30 0.00	19.77 0.27 0.00	20.94 0.33 0.00	23.90 0.45 0.00	25.86 0.70 0.00	27.00 0.79 0.00	28.34 0.85 0.00	28.71 0.81 0.00	28.08 0.82 0.00	27.18 0.79 0.00	27.09 0.79 0.00	27.22 0.82 0.00	27.53 0.83 0.00	31.15 0.97 0.00	38.11 1.25 0.00	31.76 1.04 0.00	29.45 0.97 0.00	26.83 0.83 0.00	25.09 0.75 0.00	24.41 0.64 0.00	23.05 0.47 0.00
SWANROAD_115KV_TB1 355699	20.54 -0.72 0.00	19.70 -0.51 0.00	19.18 -0.33 0.00	18.58 -0.46 0.00	19.19 -0.31 0.00	20.02 -0.60 0.00	22.58 -0.87 0.00	23.70 -1.46 0.00	24.87 -1.34 0.00	25.86 -1.62 0.00	26.23 -1.67 0.00	25.65 -1.61 0.00	24.78 -1.61 0.00	24.59 -1.71 0.00	24.66 -1.74 0.00	24.94 -1.76 0.00	27.83 -2.35 0.00	33.36 -3.50 0.00	28.44 -2.27 0.00	26.78 -1.71 0.00	24.49 -1.51 0.00	22.95 -1.39 0.00	22.56 -1.21 0.00	21.90 -0.68 0.00
SYNERGY___BIOGAS 323694	21.37 0.11 0.00	20.31 0.10 0.00	19.75 0.23 0.00	19.21 0.17 0.00	19.81 0.31 0.00	20.80 0.19 0.00	23.59 0.14 0.00	24.93 -0.23 0.00	26.03 -0.18 0.00	27.13 -0.36 0.00	27.51 -0.39 0.00	26.93 -0.33 0.00	26.02 -0.37 0.00	25.80 -0.50 0.00	25.90 -0.50 0.00	26.25 -0.45 0.00	29.58 -0.60 0.00	35.42 -1.44 0.00	30.01 -0.71 0.00	28.14 -0.34 0.00	25.87 -0.13 0.00	24.07 -0.27 0.00	23.56 -0.21 0.00	22.73 0.16 0.00
SYRACUSE___ENERGY_ST1 323597	21.14 -0.13 0.00	20.08 -0.12 0.00	19.41 -0.10 0.00	18.93 -0.11 0.00	19.40 -0.10 0.00	20.51 -0.10 0.00	23.34 -0.12 0.00	24.88 -0.28 0.00	25.92 -0.29 0.00	27.21 -0.27 0.00	27.65 -0.25 0.00	27.01 -0.25 0.00	26.12 -0.26 0.00	26.04 -0.26 0.00	26.13 -0.26 0.00	26.43 -0.27 0.00	29.85 -0.33 0.00	36.42 -0.44 0.00	30.38 -0.34 0.00	28.23 -0.26 0.00	25.79 -0.21 0.00	24.12 -0.22 0.00	23.63 -0.14 0.00	22.50 -0.07 0.00
SYRACUSE___ENERGY_ST2 323598	21.14 -0.13 0.00	20.08 -0.12 0.00	19.41 -0.10 0.00	18.93 -0.11 0.00	19.40 -0.10 0.00	20.51 -0.10 0.00	23.34 -0.12 0.00	24.88 -0.28 0.00	25.92 -0.29 0.00	27.21 -0.27 0.00	27.65 -0.25 0.00	27.01 -0.25 0.00	26.12 -0.26 0.00	26.04 -0.26 0.00	26.13 -0.26 0.00	26.43 -0.27 0.00	29.85 -0.33 0.00	36.42 -0.44 0.00	30.38 -0.34 0.00	28.23 -0.26 0.00	25.79 -0.21 0.00	24.12 -0.22 0.00	23.63 -0.14 0.00	22.50 -0.07 0.00

SYRACUSE___POWER 24017	21.14 -0.13 0.00	20.08 -0.12 0.00	19.40 -0.12 0.00	18.93 -0.11 0.00	19.40 -0.10 0.00	20.51 -0.10 0.00	23.34 -0.12 0.00	24.91 -0.25 0.00	25.95 -0.26 0.00	27.21 -0.27 0.00	27.65 -0.25 0.00	27.01 -0.25 0.00	26.15 -0.24 0.00	26.04 -0.26 0.00	26.16 -0.24 0.00	26.43 -0.27 0.00	29.82 -0.36 0.00	36.38 -0.48 0.00	30.35 -0.37 0.00	28.23 -0.26 0.00	25.79 -0.21 0.00	24.14 -0.19 0.00	23.63 -0.14 0.00	22.50 -0.07 0.00
TALLMAN___138KV_BK151 55660	21.76 0.49 0.00	20.65 0.44 0.00	19.88 0.37 0.00	19.42 0.38 0.00	19.85 0.35 0.00	21.03 0.41 0.00	24.02 0.56 0.00	26.04 0.88 0.00	27.18 0.97 0.00	28.56 1.07 0.00	28.94 1.03 0.00	28.27 1.01 0.00	27.39 1.00 0.00	27.30 1.00 0.00	27.43 1.03 0.00	27.72 1.01 0.00	31.39 1.21 0.00	38.41 1.55 0.00	32.01 1.29 0.00	29.68 1.20 0.00	27.04 1.04 0.00	25.26 0.92 0.00	24.56 0.78 0.00	23.18 0.61 0.00
TEALLAVE_115KV_TB7 355573	21.06 -0.21 0.00	19.98 -0.22 0.00	19.32 -0.20 0.00	18.85 -0.19 0.00	19.33 -0.18 0.00	20.43 -0.19 0.00	23.22 -0.23 0.00	24.78 -0.38 0.00	25.82 -0.39 0.00	27.07 -0.41 0.00	27.51 -0.39 0.00	26.88 -0.38 0.00	26.02 -0.37 0.00	25.91 -0.39 0.00	26.00 -0.40 0.00	26.30 -0.40 0.00	29.64 -0.54 0.00	36.12 -0.74 0.00	30.13 -0.58 0.00	28.03 -0.46 0.00	25.63 -0.36 0.00	24.00 -0.34 0.00	23.51 -0.26 0.00	22.41 -0.16 0.00
TELGRAPH_34_KV_EAST 80808	21.06 -0.21 0.00	20.10 -0.10 0.00	19.57 0.06 0.00	19.00 -0.04 0.00	19.60 0.10 0.00	20.49 -0.12 0.00	23.17 -0.28 0.00	24.43 -0.73 0.00	25.61 -0.60 0.00	26.66 -0.82 0.00	27.04 -0.86 0.00	26.47 -0.79 0.00	25.57 -0.82 0.00	25.36 -0.95 0.00	25.42 -0.98 0.00	25.74 -0.96 0.00	28.80 -1.39 0.00	34.61 -2.25 0.00	29.43 -1.29 0.00	27.63 -0.85 0.00	25.30 -0.70 0.00	23.61 -0.73 0.00	23.18 -0.59 0.00	22.41 -0.16 0.00
TEMPLE___115KV_TB 2 55572	21.06 -0.21 0.00	20.00 -0.20 0.00	19.34 -0.18 0.00	18.87 -0.17 0.00	19.33 -0.18 0.00	20.45 -0.16 0.00	23.24 -0.21 0.00	24.81 -0.35 0.00	25.84 -0.37 0.00	27.10 -0.38 0.00	27.54 -0.36 0.00	26.90 -0.35 0.00	26.02 -0.37 0.00	25.94 -0.37 0.00	26.03 -0.37 0.00	26.30 -0.40 0.00	29.64 -0.54 0.00	36.16 -0.70 0.00	30.16 -0.55 0.00	28.06 -0.43 0.00	25.66 -0.34 0.00	24.02 -0.32 0.00	23.54 -0.24 0.00	22.41 -0.16 0.00
TIANA____69_KV_BK 1 55817	23.91 1.70 -0.94	21.86 1.66 0.00	21.00 1.48 0.00	20.39 1.35 0.00	20.92 1.42 0.00	22.14 1.53 0.00	26.08 1.83 -0.80	28.74 2.21 -1.37	29.91 2.39 -1.31	33.86 2.78 -3.60	32.36 2.87 -1.58	32.02 2.75 -2.01	29.42 2.16 -0.87	29.59 2.18 -1.10	29.34 2.16 -0.78	30.45 2.19 -1.56	32.97 2.75 -0.04	41.21 3.69 -0.66	33.67 2.76 -0.19	30.99 2.42 -0.09	30.00 2.08 -1.92	28.32 1.85 -2.13	25.34 1.57 0.00	25.90 1.78 -1.55
TILDEN___115KV_TB1 80814	21.14 -0.13 0.00	20.08 -0.12 0.00	19.40 -0.12 0.00	18.93 -0.11 0.00	19.40 -0.10 0.00	20.51 -0.10 0.00	23.34 -0.12 0.00	24.91 -0.25 0.00	25.95 -0.26 0.00	27.21 -0.27 0.00	27.65 -0.25 0.00	27.01 -0.25 0.00	26.15 -0.24 0.00	26.04 -0.26 0.00	26.16 -0.24 0.00	26.43 -0.27 0.00	29.82 -0.36 0.00	36.38 -0.48 0.00	30.35 -0.37 0.00	28.23 -0.26 0.00	25.79 -0.21 0.00	24.14 -0.19 0.00	23.63 -0.14 0.00	22.50 -0.07 0.00
TRIGEN___CC 323695	23.23 1.02 -0.94	21.13 0.93 0.00	20.33 0.82 0.00	19.80 0.76 0.00	20.28 0.78 0.00	21.48 0.87 0.00	25.38 1.13 -0.80	28.04 1.51 -1.37	29.17 1.65 -1.31	32.87 1.79 -3.60	31.24 1.76 -1.58	30.99 1.72 -2.01	28.94 1.69 -0.87	29.12 1.71 -1.10	28.89 1.72 -0.78	30.03 1.76 -1.56	32.28 2.05 -0.04	40.14 2.62 -0.66	33.05 2.15 -0.19	30.51 1.94 -0.09	29.61 1.69 -1.92	28.00 1.53 -2.13	25.10 1.33 0.00	25.29 1.17 -1.55
TRINITY___115KV___4 BK 55933	21.52 0.26 0.00	20.47 0.26 0.00	19.77 0.25 0.00	19.31 0.27 0.00	19.75 0.25 0.00	20.88 0.27 0.00	23.69 0.23 0.00	25.53 0.38 0.00	26.45 0.24 0.00	27.70 0.22 0.00	28.15 0.25 0.00	27.53 0.27 0.00	26.65 0.26 0.00	26.62 0.32 0.00	26.71 0.32 0.00	27.02 0.32 0.00	30.61 0.42 0.00	37.41 0.55 0.00	31.11 0.40 0.00	28.74 0.26 0.00	26.28 0.29 0.00	24.63 0.29 0.00	23.96 0.19 0.00	22.64 0.07 0.00
UNION___PROCESSING_DRP 323587	21.06 -0.21 0.00	20.00 -0.20 0.00	19.41 -0.10 0.00	18.91 -0.13 0.00	19.44 -0.06 0.00	20.45 -0.16 0.00	23.17 -0.28 0.00	24.60 -0.55 0.00	25.74 -0.47 0.00	26.91 -0.58 0.00	27.29 -0.61 0.00	26.69 -0.57 0.00	25.81 -0.58 0.00	25.65 -0.66 0.00	25.74 -0.66 0.00	26.06 -0.64 0.00	29.28 -0.91 0.00	35.42 -1.44 0.00	29.86 -0.86 0.00	27.89 -0.60 0.00	25.53 -0.47 0.00	23.80 -0.54 0.00	23.37 -0.40 0.00	22.41 -0.16 0.00
UPPER HUDSON___HYD 24058	22.16 0.89 0.00	21.01 0.81 0.00	20.29 0.78 0.00	19.80 0.76 0.00	20.30 0.80 0.00	21.50 0.89 0.00	24.46 1.01 0.00	26.41 1.26 0.00	27.57 1.36 0.00	28.97 1.48 0.00	29.44 1.53 0.00	28.76 1.50 0.00	27.81 1.42 0.00	27.80 1.50 0.00	27.88 1.48 0.00	28.28 1.57 0.00	32.00 1.81 0.00	39.15 2.29 0.00	32.56 1.84 0.00	30.02 1.54 0.00	27.37 1.38 0.00	25.56 1.22 0.00	24.87 1.09 0.00	23.56 0.99 0.00
UPPER RAQUET___HYD 24056	20.93 -0.34 0.00	19.88 -0.32 0.00	19.20 -0.31 0.00	18.73 -0.31 0.00	19.17 -0.33 0.00	20.28 -0.33 0.00	23.12 -0.33 0.00	24.91 -0.25 0.00	25.97 -0.24 0.00	27.26 -0.22 0.00	27.68 -0.22 0.00	26.99 -0.27 0.00	26.15 -0.24 0.00	26.04 -0.26 0.00	26.11 -0.29 0.00	26.41 -0.29 0.00	29.88 -0.30 0.00	36.56 -0.30 0.00	30.38 -0.34 0.00	28.17 -0.31 0.00	25.61 -0.39 0.00	23.98 -0.36 0.00	23.39 -0.38 0.00	22.17 -0.41 0.00
VALLEY44_115KV_TB2 355964	21.63 0.36 0.00	20.63 0.42 0.00	20.04 0.53 0.00	19.57 0.53 0.00	20.03 0.53 0.00	21.13 0.52 0.00	23.92 0.47 0.00	25.28 0.13 0.00	26.47 0.26 0.00	27.54 0.05 0.00	27.93 0.03 0.00	27.31 0.05 0.00	26.39 0.00 0.00	26.15 -0.16 0.00	26.21 -0.18 0.00	26.49 -0.21 0.00	29.61 -0.57 0.00	35.75 -1.11 0.00	30.32 -0.40 0.00	28.48 0.00 0.00	26.10 0.10 0.00	24.46 0.12 0.00	23.99 0.21 0.00	23.20 0.63 0.00
VALLEY___115KV_TB 1-4 80826	21.37 0.11 0.00	20.31 0.10 0.00	19.61 0.10 0.00	19.13 0.10 0.00	19.60 0.10 0.00	20.74 0.12 0.00	23.59 0.14 0.00	25.33 0.18 0.00	26.39 0.18 0.00	27.68 0.19 0.00	28.04 0.14 0.00	27.45 0.19 0.00	26.55 0.16 0.00	26.46 0.16 0.00	26.56 0.16 0.00	26.83 0.13 0.00	30.40 0.21 0.00	37.12 0.26 0.00	30.87 0.15 0.00	28.60 0.11 0.00	26.08 0.08 0.00	24.41 0.07 0.00	23.84 0.07 0.00	22.59 0.02 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.27 1.00 0.00	21.13 0.93 0.00	20.37 0.86 0.00	19.86 0.82 0.00	20.34 0.84 0.00	21.54 0.93 0.00	24.60 1.15 0.00	26.54 1.38 0.00	27.73 1.52 0.00	29.11 1.62 0.00	29.58 1.67 0.00	28.87 1.61 0.00	27.89 1.50 0.00	27.83 1.53 0.00	27.98 1.58 0.00	28.25 1.55 0.00	31.94 1.75 0.00	39.07 2.21 0.00	32.53 1.81 0.00	30.19 1.71 0.00	27.51 1.51 0.00	25.73 1.39 0.00	25.03 1.26 0.00	23.68 1.11 0.00

VISCHER___FERRY HYD 24020	21.72 0.45 0.00	20.65 0.44 0.00	19.90 0.39 0.00	19.44 0.40 0.00	19.91 0.41 0.00	21.07 0.45 0.00	23.92 0.47 0.00	25.81 0.65 0.00	26.89 0.68 0.00	28.20 0.71 0.00	28.66 0.75 0.00	28.02 0.76 0.00	27.13 0.74 0.00	27.12 0.82 0.00	27.19 0.79 0.00	27.50 0.80 0.00	31.15 0.97 0.00	38.11 1.25 0.00	31.67 0.95 0.00	29.25 0.77 0.00	26.67 0.67 0.00	24.92 0.58 0.00	24.32 0.55 0.00	23.02 0.45 0.00
V_A_10_SYNC_DSASP 323832	20.72 -0.55 0.00	19.74 -0.46 0.00	19.20 -0.31 0.00	18.68 -0.36 0.00	19.25 -0.25 0.00	20.20 -0.41 0.00	22.89 -0.56 0.00	24.13 -1.03 0.00	25.16 -1.05 0.00	26.22 -1.26 0.00	26.59 -1.31 0.00	26.01 -1.25 0.00	25.12 -1.27 0.00	24.96 -1.34 0.00	25.02 -1.37 0.00	25.31 -1.39 0.00	28.49 -1.69 0.00	34.06 -2.80 0.00	28.93 -1.78 0.00	27.15 -1.34 0.00	24.93 -1.07 0.00	23.32 -1.02 0.00	22.82 -0.95 0.00	22.08 -0.50 0.00
V_CMM_10_SYNC_DSASP 323787	21.35 0.09 0.00	20.31 0.10 0.00	19.61 0.10 0.00	19.14 0.10 0.00	19.58 0.08 0.00	20.70 0.08 0.00	23.55 0.09 0.00	25.31 0.15 0.00	26.37 0.16 0.00	27.65 0.17 0.00	28.07 0.17 0.00	27.42 0.16 0.00	26.55 0.16 0.00	26.44 0.13 0.00	26.50 0.11 0.00	26.84 0.13 0.00	30.31 0.12 0.00	37.05 0.19 0.00	30.84 0.12 0.00	28.60 0.11 0.00	26.08 0.08 0.00	24.39 0.05 0.00	23.82 0.05 0.00	22.62 0.05 0.00
V_CMP_10_SYNC_DSASP 323788	22.06 0.79 0.00	20.97 0.77 0.00	20.27 0.76 0.00	19.76 0.72 0.00	20.22 0.72 0.00	21.36 0.74 0.00	24.34 0.89 0.00	26.19 1.03 0.00	27.29 1.08 0.00	28.64 1.15 0.00	29.07 1.17 0.00	28.35 1.09 0.00	27.44 1.06 0.00	27.28 0.97 0.00	27.32 0.92 0.00	27.66 0.96 0.00	31.24 1.06 0.00	38.22 1.36 0.00	31.82 1.10 0.00	29.51 1.02 0.00	26.85 0.86 0.00	25.10 0.76 0.00	24.53 0.76 0.00	23.29 0.72 0.00
V_D_10_SYNC_DSASP 323841	21.48 0.21 0.00	20.41 0.20 0.00	19.73 0.22 0.00	19.23 0.19 0.00	19.70 0.19 0.00	20.80 0.19 0.00	23.69 0.23 0.00	25.46 0.30 0.00	26.55 0.34 0.00	27.84 0.36 0.00	28.26 0.36 0.00	27.59 0.33 0.00	26.73 0.34 0.00	26.62 0.32 0.00	26.69 0.29 0.00	27.00 0.29 0.00	30.52 0.33 0.00	37.30 0.44 0.00	31.05 0.34 0.00	28.80 0.31 0.00	26.23 0.23 0.00	24.53 0.19 0.00	23.96 0.19 0.00	22.75 0.18 0.00
V_E_10_SYNC_DSASP 323830	23.03 1.76 0.00	21.86 1.66 0.00	21.04 1.52 0.00	20.49 1.45 0.00	20.98 1.48 0.00	22.26 1.65 0.00	25.35 1.90 0.00	27.32 2.16 0.00	28.52 2.31 0.00	30.07 2.58 0.00	30.56 2.65 0.00	29.77 2.51 0.00	28.66 2.27 0.00	28.57 2.26 0.00	28.78 2.38 0.00	29.13 2.43 0.00	33.05 2.87 0.00	40.51 3.65 0.00	33.76 3.04 0.00	31.36 2.88 0.00	28.57 2.57 0.00	26.70 2.36 0.00	25.84 2.07 0.00	24.49 1.92 0.00
V_F_30_NSYNC___DSASP 323816	22.06 0.79 0.00	20.93 0.73 0.00	20.19 0.68 0.00	19.72 0.68 0.00	20.20 0.70 0.00	21.40 0.78 0.00	24.32 0.87 0.00	26.21 1.06 0.00	27.34 1.13 0.00	28.69 1.21 0.00	29.16 1.26 0.00	28.51 1.25 0.00	27.58 1.19 0.00	27.54 1.24 0.00	27.64 1.24 0.00	28.01 1.31 0.00	31.69 1.51 0.00	38.74 1.88 0.00	32.25 1.54 0.00	29.77 1.28 0.00	27.14 1.14 0.00	25.36 1.02 0.00	24.72 0.95 0.00	23.41 0.84 0.00
V_F_30_SYNC_DSASP 323786	21.59 0.32 0.00	20.55 0.34 0.00	19.82 0.31 0.00	19.36 0.32 0.00	19.83 0.33 0.00	20.97 0.35 0.00	23.78 0.33 0.00	25.64 0.48 0.00	26.53 0.31 0.00	27.81 0.33 0.00	28.27 0.36 0.00	27.61 0.35 0.00	26.76 0.37 0.00	26.72 0.42 0.00	26.79 0.40 0.00	27.13 0.43 0.00	30.73 0.54 0.00	37.56 0.70 0.00	31.24 0.52 0.00	28.85 0.37 0.00	26.36 0.36 0.00	24.70 0.37 0.00	24.03 0.26 0.00	22.71 0.14 0.00
V_XM_10_SYNC_DSASP 323789	22.06 0.79 0.00	20.97 0.77 0.00	20.27 0.76 0.00	19.76 0.72 0.00	20.22 0.72 0.00	21.36 0.74 0.00	24.34 0.89 0.00	26.19 1.03 0.00	27.29 1.08 0.00	28.64 1.15 0.00	29.07 1.17 0.00	28.35 1.09 0.00	27.44 1.06 0.00	27.28 0.97 0.00	27.32 0.92 0.00	27.66 0.96 0.00	31.24 1.06 0.00	38.22 1.36 0.00	31.82 1.10 0.00	29.51 1.02 0.00	26.85 0.86 0.00	25.10 0.76 0.00	24.53 0.76 0.00	23.29 0.72 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.93 0.66 0.00	20.79 0.59 0.00	20.02 0.51 0.00	19.55 0.51 0.00	20.01 0.51 0.00	21.17 0.56 0.00	24.18 0.73 0.00	26.21 1.06 0.00	27.39 1.18 0.00	28.78 1.29 0.00	29.16 1.26 0.00	28.49 1.23 0.00	27.60 1.21 0.00	27.51 1.21 0.00	27.64 1.24 0.00	27.96 1.25 0.00	31.66 1.48 0.00	38.78 1.92 0.00	32.28 1.57 0.00	29.91 1.42 0.00	27.25 1.25 0.00	25.46 1.12 0.00	24.75 0.97 0.00	23.34 0.77 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.99 0.72 0.00	20.83 0.63 0.00	20.06 0.55 0.00	19.59 0.55 0.00	20.05 0.55 0.00	21.19 0.58 0.00	24.25 0.80 0.00	26.37 1.21 0.00	27.55 1.34 0.00	28.97 1.48 0.00	29.33 1.42 0.00	28.65 1.39 0.00	27.79 1.40 0.00	27.72 1.42 0.00	27.82 1.43 0.00	28.14 1.44 0.00	31.91 1.72 0.00	39.03 2.17 0.00	32.50 1.78 0.00	30.11 1.62 0.00	27.35 1.35 0.00	25.56 1.22 0.00	24.87 1.09 0.00	23.43 0.86 0.00
W50THST__13_KV_LOAD 356117	22.10 0.83 0.00	20.93 0.73 0.00	20.14 0.62 0.00	19.69 0.65 0.00	20.13 0.62 0.00	21.29 0.68 0.00	24.39 0.94 0.00	26.52 1.36 0.00	27.71 1.49 0.00	29.13 1.65 0.00	29.47 1.56 0.00	28.81 1.55 0.00	27.94 1.56 0.00	27.86 1.55 0.00	27.98 1.58 0.00	28.30 1.60 0.00	32.09 1.90 0.00	39.22 2.36 0.00	32.65 1.94 0.00	30.28 1.79 0.00	27.51 1.51 0.00	25.68 1.34 0.00	24.99 1.21 0.00	23.54 0.97 0.00
WADING RIVER_IC_1 23522	23.74 1.53 -0.94	21.70 1.50 0.00	20.90 1.39 0.00	20.28 1.24 0.00	20.81 1.31 0.00	22.10 1.49 0.00	25.89 1.64 -0.80	28.49 1.96 -1.37	29.64 2.12 -1.31	33.64 2.56 -3.60	32.11 2.62 -1.58	31.81 2.54 -2.01	29.07 1.82 -0.87	29.28 1.87 -1.10	29.10 1.93 -0.78	30.08 1.82 -1.56	32.25 2.02 -0.04	40.69 3.17 -0.66	33.21 2.30 -0.19	30.56 1.99 -0.09	29.58 1.67 -1.92	27.83 1.36 -2.13	24.98 1.21 0.00	25.65 1.54 -1.55
WADING RIVER_IC_2 23547	23.74 1.53 -0.94	21.70 1.50 0.00	20.90 1.39 0.00	20.28 1.24 0.00	20.81 1.31 0.00	22.10 1.49 0.00	25.89 1.64 -0.80	28.49 1.96 -1.37	29.64 2.12 -1.31	33.64 2.56 -3.60	32.11 2.62 -1.58	31.81 2.54 -2.01	29.07 1.82 -0.87	29.28 1.87 -1.10	29.10 1.93 -0.78	30.08 1.82 -1.56	32.25 2.02 -0.04	40.69 3.17 -0.66	33.21 2.30 -0.19	30.56 1.99 -0.09	29.58 1.67 -1.92	27.83 1.36 -2.13	24.98 1.21 0.00	25.65 1.54 -1.55
WADING RIVER_IC_3 23601	23.74 1.53 -0.94	21.70 1.50 0.00	20.90 1.39 0.00	20.28 1.24 0.00	20.81 1.31 0.00	22.10 1.49 0.00	25.89 1.64 -0.80	28.49 1.96 -1.37	29.64 2.12 -1.31	33.64 2.56 -3.60	32.11 2.62 -1.58	31.81 2.54 -2.01	29.07 1.82 -0.87	29.28 1.87 -1.10	29.10 1.93 -0.78	30.08 1.82 -1.56	32.25 2.02 -0.04	40.69 3.17 -0.66	33.21 2.30 -0.19	30.56 1.99 -0.09	29.58 1.67 -1.92	27.83 1.36 -2.13	24.98 1.21 0.00	25.65 1.54 -1.55

WALDENNY_12_KV_BK2 80841	21.27 0.00 0.00	20.31 0.10 0.00	19.75 0.23 0.00	19.21 0.17 0.00	19.74 0.23 0.00	20.72 0.10 0.00	23.43 -0.02 0.00	24.65 -0.50 0.00	25.87 -0.34 0.00	26.91 -0.58 0.00	27.29 -0.61 0.00	26.71 -0.55 0.00	25.78 -0.61 0.00	25.59 -0.71 0.00	25.66 -0.74 0.00	25.95 -0.75 0.00	28.98 -1.21 0.00	34.83 -2.03 0.00	29.61 -1.11 0.00	27.83 -0.66 0.00	25.48 -0.52 0.00	23.85 -0.49 0.00	23.42 -0.36 0.00	22.69 0.11 0.00
WALDEN____HYDRO 24148	21.80 0.53 0.00	20.69 0.48 0.00	19.92 0.41 0.00	19.46 0.42 0.00	19.89 0.39 0.00	21.05 0.43 0.00	24.04 0.59 0.00	25.96 0.81 0.00	27.13 0.92 0.00	28.45 0.96 0.00	28.85 0.95 0.00	28.19 0.93 0.00	27.31 0.92 0.00	27.22 0.92 0.00	27.35 0.95 0.00	27.66 0.96 0.00	31.36 1.18 0.00	38.37 1.51 0.00	31.97 1.26 0.00	29.62 1.14 0.00	27.01 1.01 0.00	25.24 0.90 0.00	24.53 0.76 0.00	23.16 0.59 0.00
WARRENSBURG____ 23737	22.16 0.89 0.00	21.01 0.81 0.00	20.29 0.78 0.00	19.80 0.76 0.00	20.30 0.80 0.00	21.50 0.89 0.00	24.46 1.01 0.00	26.41 1.26 0.00	27.57 1.36 0.00	28.97 1.48 0.00	29.44 1.53 0.00	28.76 1.50 0.00	27.81 1.42 0.00	27.80 1.50 0.00	27.88 1.48 0.00	28.28 1.57 0.00	32.00 1.81 0.00	39.15 2.29 0.00	32.56 1.84 0.00	30.02 1.54 0.00	27.37 1.38 0.00	25.56 1.22 0.00	24.87 1.09 0.00	23.56 0.99 0.00
WATERSIDE____6 8 9 23538	22.10 0.83 -0.01	20.93 0.73 0.00	20.14 0.62 0.00	19.67 0.63 0.00	20.12 0.62 0.00	21.25 0.64 0.00	24.30 0.84 0.00	26.37 1.21 0.00	27.52 1.31 0.00	28.97 1.48 0.00	29.27 1.37 0.00	28.62 1.36 0.00	27.76 1.37 0.00	27.70 1.39 0.00	27.80 1.40 0.00	28.12 1.42 0.00	31.91 1.72 0.00	39.14 2.29 0.01	32.52 1.81 0.01	30.08 1.60 0.00	27.32 1.33 0.00	25.56 1.22 0.00	24.93 1.16 0.00	23.55 0.97 -0.01
WATKINRD_115KV_LN8_ILLION 55919	21.35 0.09 0.00	20.29 0.08 0.00	19.59 0.08 0.00	19.12 0.08 0.00	19.58 0.08 0.00	20.72 0.10 0.00	23.57 0.12 0.00	25.31 0.15 0.00	26.37 0.16 0.00	27.65 0.16 0.00	28.01 0.11 0.00	27.42 0.16 0.00	26.55 0.16 0.00	26.46 0.16 0.00	26.56 0.16 0.00	26.86 0.16 0.00	30.40 0.21 0.00	37.16 0.29 0.00	30.90 0.18 0.00	28.63 0.14 0.00	26.13 0.13 0.00	24.46 0.12 0.00	23.87 0.10 0.00	22.64 0.07 0.00
WATSON____69_KV_BK 1 55734	23.80 1.60 -0.94	21.70 1.50 0.00	20.86 1.35 0.00	20.26 1.22 0.00	20.79 1.29 0.00	22.02 1.40 0.00	26.01 1.76 -0.80	28.72 2.19 -1.37	29.85 2.33 -1.31	33.67 2.58 -3.60	32.11 2.62 -1.58	31.81 2.54 -2.01	29.55 2.30 -0.87	29.72 2.31 -1.10	29.52 2.35 -0.78	30.64 2.38 -1.56	33.13 2.90 -0.04	41.32 3.80 -0.66	33.94 3.04 -0.19	31.25 2.68 -0.09	30.26 2.34 -1.92	28.56 2.09 -2.13	25.58 1.81 0.00	25.88 1.76 -1.55
WDELAWARE____HYD 323627	21.76 0.49 0.00	20.63 0.42 0.00	19.92 0.41 0.00	19.40 0.36 0.00	19.85 0.35 0.00	21.03 0.41 0.00	24.01 0.56 0.00	25.91 0.75 0.00	27.07 0.86 0.00	28.36 0.88 0.00	28.77 0.87 0.00	28.10 0.85 0.00	27.23 0.84 0.00	27.12 0.82 0.00	27.27 0.87 0.00	27.58 0.88 0.00	31.24 1.06 0.00	38.26 1.40 0.00	31.91 1.20 0.00	29.57 1.08 0.00	26.91 0.91 0.00	25.07 0.73 0.00	24.49 0.71 0.00	23.09 0.52 0.00
WEST BABYLON____IC 23714	23.70 1.49 -0.94	21.60 1.39 0.00	20.76 1.25 0.00	20.18 1.14 0.00	20.69 1.19 0.00	21.91 1.30 0.00	25.92 1.67 -0.80	28.59 2.06 -1.37	29.67 2.15 -1.31	33.45 2.36 -3.60	31.86 2.37 -1.58	31.62 2.34 -2.01	29.47 2.22 -0.87	29.64 2.24 -1.10	29.42 2.24 -0.78	30.56 2.30 -1.56	33.00 2.78 -0.04	41.13 3.61 -0.66	33.82 2.92 -0.19	31.16 2.59 -0.09	30.18 2.26 -1.92	28.51 2.04 -2.13	25.53 1.76 0.00	25.79 1.67 -1.55
WEST CANADA____HYD 24049	21.29 0.02 0.00	20.23 0.02 0.00	19.53 0.02 0.00	19.06 0.02 0.00	19.52 0.02 0.00	20.64 0.02 0.00	23.48 0.02 0.00	25.21 0.05 0.00	26.26 0.05 0.00	27.54 0.06 0.00	27.96 0.06 0.00	27.31 0.05 0.00	26.44 0.05 0.00	26.36 0.05 0.00	26.45 0.05 0.00	26.75 0.05 0.00	30.28 0.09 0.00	36.97 0.11 0.00	30.81 0.09 0.00	28.54 0.06 0.00	26.02 0.03 0.00	24.36 0.02 0.00	23.80 0.02 0.00	22.57 0.00 0.00
WESTERN_NY_WIND 24143	21.31 0.04 0.00	20.33 0.12 0.00	19.77 0.25 0.00	19.21 0.17 0.00	19.79 0.29 0.00	20.74 0.12 0.00	23.45 0.00 0.00	24.81 -0.35 0.00	26.00 -0.21 0.00	27.10 -0.38 0.00	27.46 -0.45 0.00	26.88 -0.38 0.00	25.97 -0.42 0.00	25.78 -0.53 0.00	25.87 -0.53 0.00	26.19 -0.51 0.00	29.34 -0.85 0.00	35.35 -1.51 0.00	29.95 -0.77 0.00	28.09 -0.40 0.00	25.74 -0.26 0.00	23.97 -0.37 0.00	23.54 -0.24 0.00	22.69 0.11 0.00
WESTOVER____LESR 323668	21.46 0.19 0.00	20.41 0.20 0.00	19.73 0.21 0.00	19.25 0.21 0.00	19.72 0.21 0.00	20.86 0.25 0.00	23.69 0.23 0.00	25.33 0.18 0.00	26.45 0.24 0.00	27.68 0.19 0.00	28.13 0.22 0.00	27.48 0.22 0.00	26.57 0.18 0.00	26.44 0.13 0.00	26.53 0.13 0.00	26.83 0.13 0.00	30.28 0.09 0.00	36.86 0.00 0.00	30.87 0.15 0.00	28.74 0.26 0.00	26.23 0.23 0.00	24.56 0.22 0.00	24.01 0.24 0.00	22.91 0.34 0.00
WETHRSFD_WT_PWR 323626	21.23 -0.04 0.00	20.16 -0.04 0.00	19.61 0.10 0.00	19.10 0.06 0.00	19.62 0.12 0.00	20.66 0.04 0.00	23.43 -0.02 0.00	24.78 -0.38 0.00	25.84 -0.37 0.00	26.88 -0.60 0.00	27.29 -0.61 0.00	26.66 -0.60 0.00	25.73 -0.66 0.00	25.52 -0.79 0.00	25.61 -0.79 0.00	25.93 -0.78 0.00	29.16 -1.03 0.00	34.98 -1.88 0.00	29.61 -1.10 0.00	27.77 -0.71 0.00	25.48 -0.52 0.00	23.80 -0.54 0.00	23.32 -0.45 0.00	22.55 -0.02 0.00
WHAVSTOR_138KV_BK127 55557	21.91 0.64 0.00	20.77 0.57 0.00	20.00 0.49 0.00	19.53 0.50 0.00	19.99 0.49 0.00	21.15 0.54 0.00	24.16 0.70 0.00	26.21 1.06 0.00	27.36 1.15 0.00	28.75 1.26 0.00	29.13 1.23 0.00	28.49 1.23 0.00	27.60 1.21 0.00	27.51 1.21 0.00	27.64 1.24 0.00	27.96 1.25 0.00	31.66 1.48 0.00	38.78 1.92 0.00	32.28 1.57 0.00	29.88 1.40 0.00	27.22 1.22 0.00	25.43 1.10 0.00	24.72 0.95 0.00	23.32 0.74 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.91 0.64 0.00	20.77 0.57 0.00	20.00 0.49 0.00	19.53 0.50 0.00	19.99 0.49 0.00	21.15 0.54 0.00	24.16 0.70 0.00	26.21 1.06 0.00	27.36 1.15 0.00	28.75 1.26 0.00	29.13 1.23 0.00	28.49 1.23 0.00	27.60 1.21 0.00	27.51 1.21 0.00	27.64 1.24 0.00	27.96 1.25 0.00	31.66 1.48 0.00	38.78 1.92 0.00	32.28 1.57 0.00	29.88 1.40 0.00	27.22 1.22 0.00	25.43 1.10 0.00	24.72 0.95 0.00	23.32 0.74 0.00
WHITEHAL_115KV_TB1 80871	22.48 1.21 0.00	21.32 1.11 0.00	20.57 1.05 0.00	20.09 1.05 0.00	20.59 1.09 0.00	21.85 1.24 0.00	24.86 1.41 0.00	26.84 1.69 0.00	28.05 1.83 0.00	29.46 1.98 0.00	29.97 2.06 0.00	29.30 2.04 0.00	28.31 1.93 0.00	28.30 2.00 0.00	28.38 1.98 0.00	28.78 2.08 0.00	32.57 2.38 0.00	39.85 2.99 0.00	33.17 2.46 0.00	30.56 2.08 0.00	27.90 1.90 0.00	26.04 1.70 0.00	25.25 1.47 0.00	23.93 1.35 0.00

WHITEPLN_13_KV_LOAD 356215	22.08	20.93	20.16	19.69	20.14	21.29	24.34	26.52	27.71	29.13	29.47	28.81	27.92	27.86	27.98	28.30	32.09	39.26	32.71	30.28	27.53	25.70	25.01	23.57
	0.81	0.73	0.64	0.65	0.64	0.68	0.89	1.36	1.49	1.65	1.56	1.55	1.53	1.55	1.58	1.60	1.90	2.40	2.00	1.79	1.53	1.36	1.24	0.99
	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
WM_FLOYD_69_KV_BK2 356380	23.72	21.68	20.82	20.22	20.77	21.95	25.90	28.54	29.70	33.61	32.05	31.75	29.23	29.43	29.18	30.29	32.79	40.91	33.48	30.82	29.84	28.20	25.20	25.72
	1.51	1.47	1.31	1.18	1.27	1.34	1.64	2.01	2.18	2.53	2.57	2.48	1.98	2.03	2.01	2.03	2.57	3.39	2.58	2.25	1.92	1.73	1.43	1.60
	-0.94	0.00	0.00	0.00	0.00	0.00	-0.80	-1.37	-1.31	-3.60	-1.58	-2.01	-0.87	-1.10	-0.78	-1.56	-0.04	-0.66	-0.19	-0.09	-1.92	-2.13	0.00	-1.55
WOODARD__115KV_TB2 355635	20.99	19.94	19.28	18.81	19.27	20.37	23.17	24.70	25.74	26.99	27.43	26.80	25.94	25.83	25.95	26.22	29.58	36.09	30.10	27.97	25.58	23.95	23.46	22.35
	-0.28	-0.26	-0.23	-0.23	-0.23	-0.25	-0.28	-0.45	-0.47	-0.49	-0.47	-0.46	-0.45	-0.47	-0.45	-0.48	-0.60	-0.77	-0.61	-0.51	-0.42	-0.39	-0.31	-0.23
	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
YORK___WARBASSE 23770	22.28	21.10	20.30	19.83	20.29	21.38	24.41	26.47	27.60	29.08	29.35	28.70	27.84	27.78	27.88	28.22	32.03	39.35	32.74	30.22	27.45	25.70	25.13	23.75
	1.00	0.89	0.78	0.78	0.78	0.76	0.96	1.31	1.39	1.59	1.45	1.44	1.45	1.47	1.48	1.52	1.84	2.43	1.97	1.74	1.46	1.36	1.33	1.17
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.06	0.00	0.00	0.00	-0.02	-0.01