

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/13/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	17.73	15.35	14.98	17.49	17.84	19.20	26.46	24.84	29.36	20.33	19.82	18.33	16.50	10.38	11.99	15.29	13.57	18.12	23.21	32.43	27.68	28.17	21.30	19.96
24138	0.38	0.30	0.28	0.33	0.33	0.35	0.75	1.02	0.99	0.79	0.73	0.66	0.63	0.44	0.54	0.66	0.64	0.79	0.92	1.49	1.09	1.00	0.64	0.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	17.72	15.35	14.97	17.48	17.86	19.20	26.45	24.82	29.34	20.30	19.79	18.29	16.46	10.35	11.95	15.25	13.53	18.09	23.18	32.39	27.66	28.16	21.29	19.97
24260	0.38	0.30	0.28	0.33	0.35	0.35	0.74	1.01	0.97	0.75	0.69	0.63	0.59	0.40	0.50	0.62	0.61	0.75	0.88	1.45	1.08	0.98	0.64	0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	17.72	15.35	14.97	17.48	17.86	19.20	26.45	24.82	29.34	20.30	19.79	18.29	16.46	10.35	11.95	15.25	13.53	18.09	23.18	32.39	27.66	28.16	21.29	19.97
24261	0.38	0.30	0.28	0.33	0.35	0.35	0.74	1.01	0.97	0.75	0.69	0.63	0.59	0.40	0.50	0.62	0.61	0.75	0.88	1.45	1.08	0.98	0.64	0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	17.82	15.53	15.16	17.75	18.14	19.62	26.96	25.23	29.66	20.12	19.49	18.05	16.14	10.12	11.69	15.03	13.38	18.07	23.23	32.40	27.86	28.33	21.26	20.01
24011	0.47	0.49	0.47	0.59	0.63	0.77	1.25	1.41	1.29	0.58	0.39	0.38	0.27	0.17	0.25	0.40	0.46	0.73	0.94	1.47	1.28	1.15	0.60	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	17.88	15.63	15.26	17.87	18.26	19.77	27.19	25.47	29.86	20.20	19.53	18.09	16.19	10.14	11.72	15.08	13.46	18.19	23.38	32.60	28.07	28.48	21.32	20.06
23798	0.54	0.58	0.56	0.71	0.75	0.92	1.47	1.65	1.50	0.66	0.43	0.42	0.32	0.19	0.28	0.45	0.54	0.86	1.09	1.67	1.49	1.30	0.66	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	17.82	15.53	15.16	17.75	18.14	19.62	26.96	25.23	29.66	20.12</														

ALBANY___2 23572	17.58 0.23 0.00	15.27 0.23 0.00	14.91 0.21 0.00	17.42 0.26 0.00	17.79 0.28 0.00	19.16 0.32 0.00	26.28 0.57 0.00	24.55 0.73 0.00	29.01 0.64 0.00	19.87 0.33 0.00	19.38 0.28 0.00	17.92 0.25 0.00	16.04 0.17 0.00	10.06 0.12 0.00	11.58 0.14 0.00	14.85 0.22 0.00	13.14 0.22 0.00	17.65 0.32 0.00	22.65 0.36 0.00	31.56 0.63 0.00	27.04 0.45 0.00	27.64 0.46 0.00	20.90 0.24 0.00	19.69 0.12 0.00
ALBANY___3 23573	17.58 0.23 0.00	15.27 0.23 0.00	14.91 0.21 0.00	17.42 0.26 0.00	17.79 0.28 0.00	19.16 0.32 0.00	26.28 0.57 0.00	24.55 0.73 0.00	29.01 0.64 0.00	19.87 0.33 0.00	19.38 0.28 0.00	17.92 0.25 0.00	16.04 0.17 0.00	10.06 0.12 0.00	11.58 0.14 0.00	14.85 0.22 0.00	13.14 0.22 0.00	17.65 0.32 0.00	22.65 0.36 0.00	31.56 0.63 0.00	27.04 0.45 0.00	27.64 0.46 0.00	20.90 0.24 0.00	19.69 0.12 0.00
ALBANY___4 23574	17.58 0.23 0.00	15.27 0.23 0.00	14.91 0.21 0.00	17.42 0.26 0.00	17.79 0.28 0.00	19.16 0.32 0.00	26.28 0.57 0.00	24.55 0.73 0.00	29.01 0.64 0.00	19.87 0.33 0.00	19.38 0.28 0.00	17.92 0.25 0.00	16.04 0.17 0.00	10.06 0.12 0.00	11.58 0.14 0.00	14.85 0.22 0.00	13.14 0.22 0.00	17.65 0.32 0.00	22.65 0.36 0.00	31.56 0.63 0.00	27.04 0.45 0.00	27.64 0.46 0.00	20.90 0.24 0.00	19.69 0.12 0.00
ALBANY___LFGE 323615	17.67 0.32 0.00	15.35 0.30 0.00	14.98 0.28 0.00	17.51 0.35 0.00	17.88 0.37 0.00	19.27 0.42 0.00	26.43 0.72 0.00	24.70 0.88 0.00	29.19 0.82 0.00	19.98 0.44 0.00	19.49 0.38 0.00	18.02 0.36 0.00	16.14 0.27 0.00	10.12 0.18 0.00	11.67 0.22 0.00	14.95 0.32 0.00	13.24 0.31 0.00	17.78 0.45 0.00	22.81 0.51 0.00	31.79 0.86 0.00	27.22 0.64 0.00	27.83 0.65 0.00	21.03 0.37 0.00	19.80 0.22 0.00
ALCOA_PA_115KV_PL-6C 55860	17.58 0.23 0.00	15.24 0.20 0.00	14.88 0.19 0.00	17.34 0.18 0.00	17.65 0.14 0.00	19.03 0.18 0.00	25.92 0.20 0.00	23.85 0.03 0.00	28.59 0.22 0.00	19.73 0.19 0.00	19.35 0.25 0.00	17.90 0.24 0.00	16.09 0.22 0.00	10.06 0.11 0.00	11.56 0.11 0.00	14.75 0.13 0.00	13.00 0.08 0.00	17.46 0.12 0.00	22.56 0.27 0.00	31.17 0.24 0.00	26.85 0.27 0.00	27.53 0.35 0.00	20.95 0.30 0.00	19.82 0.25 0.00
ALCOA_RYNLDS___DRP 24188	17.58 0.23 0.00	15.24 0.20 0.00	14.88 0.19 0.00	17.34 0.18 0.00	17.65 0.14 0.00	19.03 0.18 0.00	25.92 0.20 0.00	23.85 0.03 0.00	28.59 0.22 0.00	19.73 0.19 0.00	19.35 0.25 0.00	17.90 0.24 0.00	16.09 0.22 0.00	10.06 0.11 0.00	11.56 0.11 0.00	14.75 0.13 0.00	13.00 0.08 0.00	17.46 0.12 0.00	22.56 0.27 0.00	31.17 0.24 0.00	26.85 0.27 0.00	27.53 0.35 0.00	20.95 0.30 0.00	19.82 0.25 0.00
ALCOA___DSASP 323711	17.58 0.23 0.00	15.24 0.20 0.00	14.88 0.19 0.00	17.34 0.18 0.00	17.65 0.14 0.00	19.03 0.18 0.00	25.92 0.20 0.00	23.85 0.03 0.00	28.59 0.22 0.00	19.73 0.19 0.00	19.35 0.25 0.00	17.90 0.24 0.00	16.09 0.22 0.00	10.06 0.11 0.00	11.56 0.11 0.00	14.75 0.13 0.00	13.00 0.08 0.00	17.46 0.12 0.00	22.56 0.27 0.00	31.17 0.24 0.00	26.85 0.27 0.00	27.53 0.35 0.00	20.95 0.30 0.00	19.82 0.25 0.00
ALLEGHENY___COGEN 23514	16.89 -0.46 0.00	14.63 -0.41 0.00	14.16 -0.53 0.00	16.65 -0.51 0.00	17.12 -0.39 0.00	18.47 -0.38 0.00	25.29 -0.42 0.00	23.48 -0.33 0.00	27.70 -0.66 0.00	19.01 -0.53 0.00	18.59 -0.51 0.00	17.20 -0.46 0.00	15.50 -0.38 0.00	9.65 -0.30 0.00	11.08 -0.36 0.00	14.07 -0.56 0.00	12.40 -0.52 0.00	16.62 -0.71 0.00	21.63 -0.66 0.00	30.95 0.02 0.00	26.61 0.03 0.00	27.14 -0.04 0.00	20.76 0.10 0.00	19.96 0.39 0.00
ALTAMONT_115KV_TB 2 55880	17.52 0.18 0.00	15.21 0.17 0.00	14.85 0.16 0.00	17.36 0.20 0.00	17.72 0.21 0.00	19.07 0.23 0.00	26.14 0.43 0.00	24.38 0.56 0.00	28.85 0.48 0.00	19.79 0.25 0.00	19.29 0.19 0.00	17.83 0.16 0.00	15.98 0.11 0.00	10.02 0.08 0.00	11.54 0.10 0.00	14.79 0.16 0.00	13.08 0.16 0.00	17.56 0.22 0.00	22.56 0.27 0.00	31.43 0.50 0.00	26.94 0.36 0.00	27.52 0.34 0.00	20.83 0.18 0.00	19.64 0.07 0.00
ALTONA_WT_PWR 323606	17.93 0.58 0.00	15.58 0.53 0.00	15.14 0.45 0.00	17.56 0.40 0.00	17.68 0.17 0.00	19.02 0.17 0.00	26.08 0.36 0.00	24.21 0.39 0.00	28.81 0.45 0.00	20.01 0.47 0.00	19.56 0.46 0.00	18.18 0.51 0.00	16.37 0.50 0.00	10.23 0.28 0.00	11.77 0.33 0.00	14.99 0.36 0.00	13.21 0.28 0.00	17.76 0.42 0.00	22.93 0.63 0.00	31.74 0.81 0.00	27.44 0.85 0.00	28.14 0.96 0.00	21.39 0.74 0.00	20.29 0.71 0.00
AMERICAN_REF_FUEL 24010	15.58 -1.77 0.00	13.48 -1.57 0.00	13.25 -1.45 0.00	15.49 -1.67 0.00	15.83 -1.68 0.00	17.07 -1.78 0.00	22.85 -2.86 0.00	20.90 -2.92 0.00	25.02 -3.35 0.00	17.62 -1.92 0.00	17.41 -1.69 0.00	16.06 -1.61 0.00	14.54 -1.33 0.00	9.10 -0.85 0.00	10.55 -0.89 0.00	13.34 -1.29 0.00	11.71 -1.21 0.00	15.55 -1.78 0.00	19.92 -2.37 0.00	27.55 -3.38 0.00	23.65 -2.93 0.00	24.25 -2.93 0.00	18.75 -1.91 0.00	18.45 -1.12 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	15.83 -1.52 0.00	13.60 -1.45 0.00	13.48 -1.21 0.00	15.90 -1.26 0.00	16.12 -1.39 0.00	17.56 -1.29 0.00	23.71 -2.01 0.00	21.68 -2.14 0.00	25.84 -2.53 0.00	18.43 -1.11 0.00	18.25 -0.85 0.00	16.84 -0.83 0.00	15.29 -0.58 0.00	9.57 -0.38 0.00	11.02 -0.43 0.00	13.99 -0.63 0.00	12.26 -0.67 0.00	16.29 -1.04 0.00	20.79 -1.51 0.00	28.95 -1.98 0.00	24.85 -1.73 0.00	25.61 -1.56 0.00	19.76 -0.90 0.00	19.45 -0.13 0.00
ARTHUR KILL_GT_1 23520	17.70 0.35 0.00	15.30 0.26 0.00	14.94 0.25 0.00	17.46 0.29 0.00	17.81 0.30 0.00	19.13 0.28 0.00	26.35 0.63 0.00	24.70 0.88 0.00	29.13 0.76 0.00	20.15 0.61 0.00	19.63 0.53 0.00	18.12 0.46 0.00	16.30 0.43 0.00	10.24 0.30 0.00	11.82 0.37 0.00	15.07 0.45 0.00	13.38 0.45 0.00	17.90 0.56 0.00	22.95 0.66 0.00	32.11 1.18 0.00	27.47 0.89 0.00	28.01 0.83 0.00	21.20 0.55 0.00	19.94 0.36 0.00
ARTHUR_KILL_2 23512	17.66 0.31 0.00	15.26 0.22 0.00	14.90 0.21 0.00	17.41 0.25 0.00	17.77 0.26 0.00	19.08 0.23 0.00	26.27 0.56 0.00	24.63 0.82 0.00	29.05 0.68 0.00	20.09 0.55 0.00	19.58 0.48 0.00	18.08 0.41 0.00	16.26 0.39 0.00	10.22 0.27 0.00	11.79 0.34 0.00	15.04 0.41 0.00	13.34 0.42 0.00	17.85 0.52 0.00	22.89 0.60 0.00	32.02 1.08 0.00	27.39 0.80 0.00	27.93 0.75 0.00	21.14 0.49 0.00	19.88 0.31 0.00
ARTHUR_KILL_3 23513	17.53 0.18 0.00	15.17 0.12 0.00	14.81 0.12 0.00	17.29 0.14 0.00	17.64 0.13 0.00	18.97 0.12 0.00	26.12 0.40 0.00	24.50 0.69 0.01	28.96 0.59 0.00	20.05 0.50 0.00	19.54 0.44 0.00	18.06 0.40 0.00	16.25 0.38 0.00	10.22 0.28 0.00	11.80 0.35 0.00	15.06 0.43 0.00	13.36 0.43 0.00	17.86 0.52 0.00	22.87 0.58 0.00	31.99 1.06 0.00	27.33 0.74 0.00	27.82 0.64 0.00	21.05 0.39 0.00	19.74 0.16 0.00

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ASTORIA_GT4_4 24105	17.63 0.28 0.00	15.26 0.21 0.00	14.88 0.19 0.00	17.37 0.21 0.00	17.77 0.26 0.00	19.08 0.23 0.00	26.25 0.54 0.00	24.69 0.87 0.00	29.18 0.81 0.00	20.18 0.64 0.00	19.70 0.59 0.00	18.19 0.53 0.00	16.38 0.51 0.00	10.28 0.33 0.00	11.87 0.42 0.00	15.14 0.51 0.00	13.43 0.51 0.00	17.96 0.62 0.00	22.97 0.68 0.00	32.16 1.23 0.00	27.51 0.93 0.00	27.97 0.80 0.00	21.18 0.52 0.00	19.88 0.31 0.00
ASTORIA_GT_1 23523	17.65 0.30 0.00	15.27 0.23 0.00	14.90 0.21 0.00	17.39 0.23 0.00	17.77 0.27 0.00	19.10 0.25 0.00	26.29 0.58 0.00	24.73 0.91 0.00	29.23 0.86 0.00	20.22 0.68 0.00	19.73 0.63 0.00	18.22 0.56 0.00	16.41 0.54 0.00	10.30 0.35 0.00	11.89 0.45 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.99 0.66 0.00	23.02 0.73 0.00	32.21 1.28 0.00	27.55 0.96 0.00	28.03 0.85 0.00	21.21 0.56 0.00	19.91 0.34 0.00
ASTORIA_GT_10 24110	17.61 0.26 0.00	15.26 0.21 0.00	14.89 0.19 0.00	17.38 0.22 0.00	17.76 0.24 0.00	19.07 0.22 0.00	26.26 0.55 0.00	24.66 0.85 0.00	29.13 0.76 0.00	20.15 0.61 0.00	19.65 0.55 0.00	18.15 0.49 0.00	16.36 0.49 0.00	10.29 0.34 0.00	11.88 0.44 0.00	15.16 0.53 0.00	13.45 0.52 0.00	17.96 0.62 0.00	22.99 0.70 0.00	32.15 1.22 0.00	27.47 0.88 0.00	27.96 0.78 0.00	21.14 0.49 0.00	19.83 0.26 0.00
ASTORIA_GT_11 24225	17.61 0.26 0.00	15.26 0.21 0.00	14.89 0.19 0.00	17.38 0.22 0.00	17.76 0.24 0.00	19.07 0.22 0.00	26.26 0.55 0.00	24.66 0.85 0.00	29.13 0.76 0.00	20.15 0.61 0.00	19.65 0.55 0.00	18.15 0.49 0.00	16.36 0.49 0.00	10.29 0.34 0.00	11.88 0.44 0.00	15.16 0.53 0.00	13.45 0.52 0.00	17.96 0.62 0.00	22.99 0.70 0.00	32.15 1.22 0.00	27.47 0.88 0.00	27.96 0.78 0.00	21.14 0.49 0.00	19.83 0.26 0.00
ASTORIA_GT_12 24226	17.61 0.26 0.00	15.26 0.21 0.00	14.89 0.19 0.00	17.38 0.22 0.00	17.76 0.24 0.00	19.07 0.22 0.00	26.26 0.55 0.00	24.66 0.85 0.00	29.13 0.76 0.00	20.15 0.61 0.00	19.65 0.55 0.00	18.15 0.49 0.00	16.36 0.49 0.00	10.29 0.34 0.00	11.88 0.44 0.00	15.16 0.53 0.00	13.45 0.52 0.00	17.96 0.62 0.00	22.99 0.70 0.00	32.15 1.22 0.00	27.47 0.88 0.00	27.96 0.78 0.00	21.14 0.49 0.00	19.83 0.26 0.00
ASTORIA_GT_13 24227	17.61 0.26 0.00	15.26 0.21 0.00	14.89 0.19 0.00	17.38 0.22 0.00	17.76 0.24 0.00	19.07 0.22 0.00	26.26 0.55 0.00	24.66 0.85 0.00	29.13 0.76 0.00	20.15 0.61 0.00	19.65 0.55 0.00	18.15 0.49 0.00	16.36 0.49 0.00	10.29 0.34 0.00	11.88 0.44 0.00	15.16 0.53 0.00	13.45 0.52 0.00	17.96 0.62 0.00	22.99 0.70 0.00	32.15 1.22 0.00	27.47 0.88 0.00	27.96 0.78 0.00	21.14 0.49 0.00	19.83 0.26 0.00
ASTORIA_GT_5 24106	17.65 0.30 0.00	15.27 0.23 0.00	14.90 0.21 0.00	17.39 0.23 0.00	17.80 0.29 0.00	19.10 0.25 0.00	26.29 0.58 0.00	24.73 0.92 0.00	29.24 0.87 0.00	20.22 0.68 0.00	19.73 0.63 0.00	18.23 0.56 0.00	16.41 0.54 0.00	10.30 0.35 0.00	11.89 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.99 0.66 0.00	23.02 0.73 0.00	32.21 1.28 0.00	27.55 0.97 0.00	28.03 0.85 0.00	21.21 0.56 0.00	19.91 0.34 0.00
ASTORIA_GT_7 24107	17.65 0.30 0.00	15.27 0.23 0.00	14.90 0.21 0.00	17.39 0.23 0.00	17.80 0.29 0.00	19.10 0.25 0.00	26.29 0.58 0.00	24.73 0.92 0.00	29.24 0.87 0.00	20.22 0.68 0.00	19.73													

ATHENS_STG_1 23668	17.46 0.11 0.00	15.14 0.10 0.00	14.78 0.09 0.00	17.26 0.10 0.00	17.63 0.11 0.00	18.97 0.13 0.00	26.04 0.33 0.00	24.32 0.51 0.00	28.77 0.40 0.00	19.78 0.24 0.00	19.29 0.19 0.00	17.83 0.16 0.00	16.00 0.13 0.00	10.05 0.11 0.00	11.58 0.14 0.00	14.84 0.21 0.00	13.13 0.21 0.00	17.61 0.27 0.00	22.62 0.33 0.00	31.53 0.59 0.00	27.01 0.42 0.00	27.56 0.39 0.00	20.85 0.20 0.00	19.64 0.07 0.00
ATHENS_STG_2 23670	17.46 0.11 0.00	15.14 0.10 0.00	14.78 0.09 0.00	17.26 0.10 0.00	17.63 0.11 0.00	18.97 0.13 0.00	26.04 0.33 0.00	24.32 0.51 0.00	28.77 0.40 0.00	19.78 0.24 0.00	19.29 0.19 0.00	17.83 0.16 0.00	16.00 0.13 0.00	10.05 0.11 0.00	11.58 0.14 0.00	14.84 0.21 0.00	13.13 0.21 0.00	17.61 0.27 0.00	22.62 0.33 0.00	31.53 0.59 0.00	27.01 0.42 0.00	27.56 0.39 0.00	20.85 0.20 0.00	19.64 0.07 0.00
ATHENS_STG_3 23677	17.46 0.11 0.00	15.14 0.10 0.00	14.78 0.09 0.00	17.26 0.10 0.00	17.63 0.11 0.00	18.97 0.13 0.00	26.04 0.33 0.00	24.32 0.51 0.00	28.77 0.40 0.00	19.78 0.24 0.00	19.29 0.19 0.00	17.83 0.16 0.00	16.00 0.13 0.00	10.05 0.11 0.00	11.58 0.14 0.00	14.84 0.21 0.00	13.13 0.21 0.00	17.61 0.27 0.00	22.62 0.33 0.00	31.53 0.59 0.00	27.01 0.42 0.00	27.56 0.39 0.00	20.85 0.20 0.00	19.64 0.07 0.00
AUBURN___LFGE 323710	17.26 -0.09 0.00	14.99 -0.06 0.00	14.66 -0.04 0.00	17.15 -0.01 0.00	17.45 -0.06 0.00	18.86 0.01 0.00	25.72 0.00 0.00	24.17 0.36 0.00	28.36 -0.01 0.00	19.63 0.09 0.00	19.18 0.08 0.00	17.70 0.04 0.00	15.90 0.03 0.00	9.96 0.01 0.00	11.39 -0.06 0.00	14.59 -0.04 0.00	12.89 -0.04 0.00	17.34 0.00 0.00	22.29 0.00 0.00	30.94 0.01 0.00	26.55 -0.04 0.00	27.22 0.04 0.00	20.74 0.09 0.00	19.83 0.26 0.00
BABYLON_RES_REC 323704	17.84 0.50 0.00	15.44 0.39 0.00	15.06 0.37 0.00	17.57 0.41 0.00	17.95 0.44 0.00	19.33 0.48 0.00	26.79 1.08 0.00	25.00 1.18 0.00	29.34 0.97 0.00	20.23 0.69 0.00	19.81 0.71 0.00	18.25 0.59 0.00	16.32 0.45 0.00	10.25 0.30 0.00	11.86 0.41 0.00	15.13 0.50 0.00	13.44 0.51 0.00	18.01 0.68 0.00	23.21 0.92 0.00	32.35 1.41 0.00	27.77 1.19 0.00	28.34 1.17 0.00	21.47 0.81 0.00	20.11 0.53 0.00
BABYLON__69_KV_BK2 356345	17.99 0.64 0.00	15.57 0.52 0.00	15.19 0.50 0.00	17.71 0.55 0.00	18.12 0.60 0.00	19.50 0.66 0.00	27.07 1.35 0.00	25.23 1.41 0.00	29.55 1.18 0.00	20.38 0.83 0.00	19.94 0.84 0.00	18.38 0.71 0.00	16.42 0.55 0.00	10.31 0.36 0.00	11.94 0.50 0.00	15.25 0.62 0.00	13.55 0.62 0.00	18.16 0.82 0.00	23.43 1.14 0.00	32.63 1.70 0.00	28.05 1.47 0.00	28.63 1.45 0.00	21.67 1.01 0.00	20.30 0.72 0.00
BALL_HILL_WT_PWR 323825	16.05 -1.30 0.00	13.84 -1.20 0.00	13.60 -1.09 0.00	15.98 -1.18 0.00	16.30 -1.21 0.00	17.64 -1.21 0.00	23.74 -1.98 0.00	21.78 -2.03 0.00	25.97 -2.40 0.00	18.36 -1.18 0.00	18.14 -0.96 0.00	16.75 -0.92 0.00	15.17 -0.70 0.00	9.49 -0.46 0.00	10.96 -0.48 0.00	13.88 -0.75 0.00	12.17 -0.75 0.00	16.20 -1.13 0.00	20.76 -1.54 0.00	28.81 -2.12 0.00	24.72 -1.86 0.00	25.42 -1.76 0.00	19.59 -1.06 0.00	19.18 -0.39 0.00
BARON_WINDS___WT_PWR 323822	16.27 -1.08 0.00	14.14 -0.91 0.00	13.55 -1.14 0.00	16.03 -1.13 0.00	16.45 -1.06 0.00	17.73 -1.11 0.00	24.36 -1.36 0.00	22.58 -1.24 0.00	26.56 -1.81 0.00	18.78 -0.76 0.00	18.61 -0.49 0.00	17.27 -0.40 0.00	15.58 -0.29 0.00	9.67 -0.28 0.00	10.99 -0.45 0.00	14.01 -0.62 0.00	12.35 -0.58 0.00	16.58 -0.75 0.00	21.47 -0.82 0.00	30.23 -0.70 0.00	25.93 -0.66 0.00	26.52 -0.65 0.00	20.29 -0.37 0.00	19.45 -0.12 0.00
BARRETT_IC_1 23704	17.72 0.37 0.00	15.33 0.28 0.00	14.96 0.27 0.00	17.43 0.27 0.00	17.76 0.25 0.00	19.11 0.26 0.00	26.46 0.75 0.00	24.73 0.92 0.00	29.07 0.70 0.00	20.08 0.54 0.00	19.69 0.59 0.00	18.21 0.54 0.00	16.32 0.45 0.00	10.25 0.30 0.00	11.85 0.41 0.00	15.12 0.49 0.00	13.40 0.47 0.00	17.94 0.60 0.00	23.04 0.74 0.00	32.11 1.18 0.00	27.55 0.96 0.00	28.15 0.97 0.00	21.34 0.68 0.00	19.99 0.41 0.00
BARRETT_IC_10 23701	17.72 0.37 0.00	15.33 0.28 0.00	14.96 0.27 0.00	17.43 0.27 0.00	17.76 0.25 0.00	19.11 0.26 0.00	26.46 0.75 0.00	24.73 0.92 0.00	29.07 0.70 0.00	20.08 0.54 0.00	19.69 0.59 0.00	18.21 0.54 0.00	16.32 0.45 0.00	10.25 0.30 0.00	11.85 0.41 0.00	15.12 0.49 0.00	13.40 0.47 0.00	17.94 0.60 0.00	23.04 0.74 0.00	32.11 1.18 0.00	27.55 0.96 0.00	28.15 0.97 0.00	21.34 0.68 0.00	19.99 0.41 0.00
BARRETT_IC_11 23702	17.72 0.37 0.00	15.33 0.28 0.00	14.96 0.27 0.00	17.43 0.27 0.00	17.76 0.25 0.00	19.11 0.26 0.00	26.46 0.75 0.00	24.73 0.92 0.00	29.07 0.70 0.00	20.08 0.54 0.00	19.69 0.59 0.00	18.21 0.54 0.00	16.32 0.45 0.00	10.25 0.30 0.00	11.85 0.41 0.00	15.12 0.49 0.00	13.40 0.47 0.00	17.94 0.60 0.00	23.04 0.74 0.00	32.11 1.18 0.00	27.55 0.96 0.00	28.15 0.97 0.00	21.34 0.68 0.00	19.99 0.41 0.00
BARRETT_IC_12 23703	17.72 0.37 0.00	15.33 0.28 0.00	14.96 0.27 0.00	17.43 0.27 0.00	17.76 0.25 0.00	19.11 0.26 0.00	26.46 0.75 0.00	24.73 0.92 0.00	29.07 0.70 0.00	20.08 0.54 0.00	19.69 0.59 0.00	18.21 0.54 0.00	16.32 0.45 0.00	10.25 0.30 0.00	11.85 0.41 0.00	15.12 0.49 0.00	13.40 0.47 0.00	17.94 0.60 0.00	23.04 0.74 0.00	32.11 1.18 0.00	27.55 0.96 0.00	28.15 0.97 0.00	21.34 0.68 0.00	19.99 0.41 0.00
BARRETT_IC_2 23705	17.72 0.37 0.00	15.33 0.28 0.00	14.96 0.27 0.00	17.43 0.27 0.00	17.76 0.25 0.00	19.11 0.26 0.00	26.46 0.75 0.00	24.73 0.92 0.00	29.07 0.70 0.00	20.08 0.54 0.00	19.69 0.59 0.00	18.21 0.54 0.00	16.32 0.45 0.00	10.25 0.30 0.00	11.85 0.41 0.00	15.12 0.49 0.00	13.40 0.47 0.00	17.94 0.60 0.00	23.04 0.74 0.00	32.11 1.18 0.00	27.55 0.96 0.00	28.15 0.97 0.00	21.34 0.68 0.00	19.99 0.41 0.00
BARRETT_IC_3 23706	17.72 0.37 0.00	15.33 0.28 0.00	14.96 0.27 0.00	17.43 0.27 0.00	17.76 0.25 0.00	19.11 0.26 0.00	26.46 0.75 0.00	24.73 0.92 0.00	29.07 0.70 0.00	20.08 0.54 0.00	19.69 0.59 0.00	18.21 0.54 0.00	16.32 0.45 0.00	10.25 0.30 0.00	11.85 0.41 0.00	15.12 0.49 0.00	13.40 0.47 0.00	17.94 0.60 0.00	23.04 0.74 0.00	32.11 1.18 0.00	27.55 0.96 0.00	28.15 0.97 0.00	21.34 0.68 0.00	19.99 0.41 0.00
BARRETT_IC_4 23707	17.72 0.37 0.00	15.33 0.28 0.00	14.96 0.27 0.00	17.43 0.27 0.00	17.76 0.25 0.00	19.11 0.26 0.00	26.46 0.75 0.00	24.73 0.92 0.00	29.07 0.70 0.00	20.08 0.54 0.00	19.69 0.59 0.00	18.21 0.54 0.00	16.32 0.45 0.00	10.25 0.30 0.00	11.85 0.41 0.00	15.12 0.49 0.00	13.40 0.47 0.00	17.94 0.60 0.00	23.04 0.74 0.00	32.11 1.18 0.00	27.55 0.96 0.00	28.15 0.97 0.00	21.34 0.68 0.00	19.99 0.41 0.00

BARRETT_IC_5 23708	17.72 0.37 0.00	15.33 0.28 0.00	14.96 0.27 0.00	17.43 0.27 0.00	17.76 0.25 0.00	19.11 0.26 0.00	26.46 0.75 0.00	24.73 0.92 0.00	29.07 0.70 0.00	20.08 0.54 0.00	19.69 0.59 0.00	18.21 0.54 0.00	16.32 0.45 0.00	10.25 0.30 0.00	11.85 0.41 0.00	15.12 0.49 0.00	13.40 0.47 0.00	17.94 0.60 0.00	23.04 0.74 0.00	32.11 1.18 0.00	27.55 0.96 0.00	28.15 0.97 0.00	21.34 0.68 0.00	19.99 0.41 0.00
BARRETT_IC_6 23709	17.72 0.37 0.00	15.33 0.28 0.00	14.96 0.27 0.00	17.43 0.27 0.00	17.76 0.25 0.00	19.11 0.26 0.00	26.46 0.75 0.00	24.73 0.92 0.00	29.07 0.70 0.00	20.08 0.54 0.00	19.69 0.59 0.00	18.21 0.54 0.00	16.32 0.45 0.00	10.25 0.30 0.00	11.85 0.41 0.00	15.12 0.49 0.00	13.40 0.47 0.00	17.94 0.60 0.00	23.04 0.74 0.00	32.11 1.18 0.00	27.55 0.96 0.00	28.15 0.97 0.00	21.34 0.68 0.00	19.99 0.41 0.00
BARRETT_IC_7 23710	17.72 0.37 0.00	15.33 0.28 0.00	14.96 0.27 0.00	17.43 0.27 0.00	17.77 0.27 0.00	19.11 0.26 0.00	26.46 0.75 0.00	24.73 0.92 0.00	29.06 0.70 0.00	20.08 0.54 0.00	19.70 0.59 0.00	18.21 0.54 0.00	16.32 0.45 0.00	10.25 0.30 0.00	11.85 0.41 0.00	15.12 0.49 0.00	13.40 0.47 0.00	17.94 0.60 0.00	23.04 0.74 0.00	32.11 1.18 0.00	27.55 0.96 0.00	28.15 0.97 0.00	21.34 0.68 0.00	19.99 0.41 0.00
BARRETT_IC_8 23711	17.72 0.37 0.00	15.33 0.28 0.00	14.96 0.27 0.00	17.43 0.27 0.00	17.76 0.25 0.00	19.11 0.26 0.00	26.46 0.75 0.00	24.73 0.92 0.00	29.07 0.70 0.00	20.08 0.54 0.00	19.69 0.59 0.00	18.21 0.54 0.00	16.32 0.45 0.00	10.25 0.30 0.00	11.85 0.41 0.00	15.12 0.49 0.00	13.40 0.47 0.00	17.94 0.60 0.00	23.04 0.74 0.00	32.11 1.18 0.00	27.55 0.96 0.00	28.15 0.97 0.00	21.34 0.68 0.00	19.99 0.41 0.00
BARRETT_IC_9 23700	17.72 0.37 0.00	15.33 0.28 0.00	14.96 0.27 0.00	17.43 0.27 0.00	17.76 0.25 0.00	19.11 0.26 0.00	26.46 0.75 0.00	24.73 0.92 0.00	29.07 0.70 0.00	20.08 0.54 0.00	19.69 0.59 0.00	18.21 0.54 0.00	16.32 0.45 0.00	10.25 0.30 0.00	11.85 0.41 0.00	15.12 0.49 0.00	13.40 0.47 0.00	17.94 0.60 0.00	23.04 0.74 0.00	32.11 1.18 0.00	27.55 0.96 0.00	28.15 0.97 0.00	21.34 0.68 0.00	19.99 0.41 0.00
BARRETT___1 23545	17.72 0.37 0.00	15.33 0.28 0.00	14.96 0.27 0.00	17.43 0.27 0.00	17.76 0.25 0.00	19.11 0.26 0.00	26.46 0.75 0.00	24.73 0.92 0.00	29.07 0.70 0.00	20.08 0.54 0.00	19.69 0.59 0.00	18.21 0.54 0.00	16.32 0.45 0.00	10.25 0.30 0.00	11.85 0.41 0.00	15.12 0.49 0.00	13.40 0.47 0.00	17.94 0.60 0.00	23.04 0.74 0.00	32.11 1.18 0.00	27.55 0.96 0.00	28.15 0.97 0.00	21.34 0.68 0.00	19.99 0.41 0.00
BARRETT___2 23546	17.72 0.37 0.00	15.33 0.28 0.00	14.96 0.27 0.00	17.43 0.27 0.00	17.76 0.25 0.00	19.11 0.26 0.00	26.46 0.75 0.00	24.73 0.92 0.00	29.07 0.70 0.00	20.08 0.54 0.00	19.69 0.59 0.00	18.21 0.54 0.00	16.32 0.45 0.00	10.25 0.30 0.00	11.85 0.41 0.00	15.12 0.49 0.00	13.40 0.47 0.00	17.94 0.60 0.00	23.04 0.74 0.00	32.11 1.18 0.00	27.55 0.96 0.00	28.15 0.97 0.00	21.34 0.68 0.00	19.99 0.41 0.00
BATAVIA___115KV_TB1 55881	16.35 -1.00 0.00	14.12 -0.92 0.00	13.87 -0.83 0.00	16.22 -0.94 0.00	16.53 -0.98 0.00	17.92 -0.93 0.00	24.15 -1.56 0.00	22.35 -1.47 0.00	26.75 -1.62 0.00	18.61 -0.93														

BAYONEEC___CTG7 323688	17.62 0.27 0.00	15.25 0.20 0.00	14.88 0.19 0.00	17.38 0.22 0.00	17.72 0.21 0.00	19.06 0.22 0.00	26.26 0.55 0.00	24.64 0.82 0.00	29.12 0.75 0.00	20.15 0.61 0.00	19.64 0.54 0.00	18.15 0.49 0.00	16.34 0.47 0.00	10.28 0.33 0.00	11.86 0.42 0.00	15.14 0.51 0.00	13.43 0.51 0.00	17.96 0.62 0.00	23.00 0.71 0.00	32.14 1.21 0.00	27.46 0.87 0.00	27.96 0.78 0.00	21.15 0.49 0.00	19.83 0.25 0.00
BAYONEEC___CTG8 323689	17.62 0.27 0.00	15.25 0.20 0.00	14.88 0.19 0.00	17.38 0.22 0.00	17.72 0.21 0.00	19.06 0.22 0.00	26.26 0.55 0.00	24.64 0.82 0.00	29.12 0.75 0.00	20.15 0.61 0.00	19.64 0.54 0.00	18.15 0.49 0.00	16.34 0.47 0.00	10.28 0.33 0.00	11.86 0.42 0.00	15.14 0.51 0.00	13.43 0.51 0.00	17.96 0.62 0.00	23.00 0.71 0.00	32.14 1.21 0.00	27.46 0.87 0.00	27.96 0.78 0.00	21.15 0.49 0.00	19.83 0.25 0.00
BAYONEEC___CTG9 323749	17.62 0.27 0.00	15.25 0.20 0.00	14.88 0.19 0.00	17.38 0.22 0.00	17.72 0.21 0.00	19.06 0.22 0.00	26.26 0.55 0.00	24.64 0.82 0.00	29.12 0.75 0.00	20.15 0.61 0.00	19.64 0.54 0.00	18.15 0.49 0.00	16.34 0.47 0.00	10.28 0.33 0.00	11.86 0.42 0.00	15.14 0.51 0.00	13.43 0.51 0.00	17.96 0.62 0.00	23.00 0.71 0.00	32.14 1.21 0.00	27.46 0.87 0.00	27.96 0.78 0.00	21.15 0.49 0.00	19.83 0.25 0.00
BEACON___LESR 323632	17.73 0.38 0.00	15.37 0.33 0.00	15.01 0.32 0.00	17.57 0.41 0.00	17.96 0.45 0.00	19.33 0.48 0.00	26.57 0.86 0.00	24.82 1.00 0.00	29.30 0.93 0.00	20.04 0.49 0.00	19.51 0.41 0.00	18.01 0.34 0.00	16.11 0.24 0.00	10.10 0.15 0.00	11.63 0.19 0.00	14.91 0.28 0.00	13.21 0.28 0.00	17.77 0.43 0.00	22.83 0.54 0.00	31.81 0.88 0.00	27.23 0.65 0.00	27.84 0.66 0.00	20.99 0.34 0.00	19.77 0.19 0.00
BEAVER RIVER___HYD 24048	17.44 0.09 0.00	15.10 0.06 0.00	14.64 -0.06 0.00	17.04 -0.12 0.00	17.38 -0.13 0.00	18.72 -0.13 0.00	25.37 -0.34 0.00	23.45 -0.36 0.00	28.21 -0.16 0.00	19.25 -0.29 0.00	18.65 -0.45 0.00	17.04 -0.62 0.00	15.31 -0.56 0.00	9.58 -0.37 0.00	10.87 -0.58 0.00	13.82 -0.81 0.00	12.08 -0.85 0.00	16.34 -0.99 0.00	21.52 -0.78 0.00	30.34 -0.59 0.00	25.95 -0.64 0.00	26.49 -0.69 0.00	19.99 -0.67 0.00	18.84 -0.74 0.00
BEEBEE_GT_13 23619	16.53 -0.82 0.00	14.30 -0.75 0.00	14.00 -0.69 0.00	16.38 -0.78 0.00	16.71 -0.79 0.00	18.06 -0.79 0.00	24.43 -1.28 0.00	22.58 -1.23 0.00	26.89 -1.48 0.00	18.69 -0.85 0.00	18.36 -0.74 0.00	16.95 -0.72 0.00	15.27 -0.60 0.00	9.56 -0.38 0.00	11.05 -0.40 0.00	14.04 -0.59 0.00	12.35 -0.57 0.00	16.50 -0.83 0.00	21.22 -1.07 0.00	29.44 -1.50 0.00	25.26 -1.33 0.00	25.83 -1.35 0.00	19.79 -0.87 0.00	19.14 -0.43 0.00
BENSHRST_27_KV_BENSHRST_1 355998	17.76 0.40 0.00	15.35 0.30 0.00	14.97 0.28 0.00	17.48 0.32 0.00	17.86 0.35 0.00	19.18 0.33 0.00	26.43 0.71 0.00	24.82 1.00 0.00	29.32 0.95 0.00	20.30 0.76 0.00	19.80 0.70 0.00	18.29 0.62 0.00	16.46 0.59 0.00	10.35 0.40 0.00	11.94 0.50 0.00	15.24 0.61 0.00	13.52 0.60 0.00	18.08 0.74 0.00	23.17 0.87 0.00	32.41 1.48 0.00	27.69 1.11 0.00	28.20 1.03 0.00	21.32 0.67 0.00	20.01 0.44 0.00
BETHLEHEM___GRP 23843	17.58 0.23 0.00	15.27 0.23 0.00	14.91 0.21 0.00	17.42 0.26 0.00	17.79 0.28 0.00	19.16 0.32 0.00	26.28 0.57 0.00	24.55 0.73 0.00	29.01 0.64 0.00	19.87 0.33 0.00	19.38 0.28 0.00	17.92 0.25 0.00	16.04 0.17 0.00	10.06 0.12 0.00	11.58 0.14 0.00	14.85 0.22 0.00	13.14 0.22 0.00	17.65 0.32 0.00	22.65 0.36 0.00	31.56 0.63 0.00	27.04 0.45 0.00	27.64 0.46 0.00	20.90 0.24 0.00	19.69 0.12 0.00
BETHLEHEM___GS1 323560	17.58 0.23 0.00	15.27 0.23 0.00	14.91 0.21 0.00	17.42 0.26 0.00	17.79 0.28 0.00	19.16 0.31 0.00	26.28 0.57 0.00	24.55 0.73 0.00	29.01 0.64 0.00	19.87 0.33 0.00	19.38 0.28 0.00	17.92 0.25 0.00	16.04 0.17 0.00	10.06 0.12 0.00	11.58 0.14 0.00	14.85 0.22 0.00	13.15 0.22 0.00	17.65 0.32 0.00	22.65 0.35 0.00	31.56 0.63 0.00	27.04 0.45 0.00	27.64 0.46 0.00	20.90 0.24 0.00	19.69 0.11 0.00
BETHLEHEM___GS2 323561	17.58 0.23 0.00	15.27 0.23 0.00	14.91 0.21 0.00	17.42 0.26 0.00	17.79 0.28 0.00	19.16 0.31 0.00	26.28 0.57 0.00	24.55 0.73 0.00	29.01 0.64 0.00	19.87 0.33 0.00	19.38 0.28 0.00	17.92 0.25 0.00	16.04 0.17 0.00	10.06 0.12 0.00	11.58 0.14 0.00	14.85 0.22 0.00	13.15 0.22 0.00	17.65 0.32 0.00	22.65 0.35 0.00	31.56 0.63 0.00	27.04 0.45 0.00	27.64 0.46 0.00	20.90 0.24 0.00	19.69 0.11 0.00
BETHLEHEM___GS3 323562	17.58 0.23 0.00	15.27 0.23 0.00	14.91 0.21 0.00	17.42 0.26 0.00	17.79 0.28 0.00	19.16 0.31 0.00	26.28 0.57 0.00	24.55 0.73 0.00	29.01 0.64 0.00	19.87 0.33 0.00	19.38 0.28 0.00	17.92 0.25 0.00	16.04 0.17 0.00	10.06 0.12 0.00	11.58 0.14 0.00	14.85 0.22 0.00	13.15 0.22 0.00	17.65 0.32 0.00	22.65 0.35 0.00	31.56 0.63 0.00	27.04 0.45 0.00	27.64 0.46 0.00	20.90 0.24 0.00	19.69 0.11 0.00
BETHLEHEM___STEEL 23779	16.12 -1.23 0.00	13.92 -1.13 0.00	13.66 -1.04 0.00	16.01 -1.15 0.00	16.30 -1.22 0.00	17.67 -1.18 0.00	23.73 -1.98 0.00	21.77 -2.05 0.00	26.00 -2.37 0.00	18.34 -1.20 0.00	18.11 -0.99 0.00	16.72 -0.95 0.00	15.13 -0.74 0.00	9.46 -0.49 0.00	10.95 -0.49 0.00	13.85 -0.78 0.00	12.15 -0.77 0.00	16.16 -1.18 0.00	20.72 -1.57 0.00	28.72 -2.21 0.00	24.67 -1.91 0.00	25.35 -1.82 0.00	19.54 -1.11 0.00	19.15 -0.43 0.00
BETHLHEM_115KV_TB1 79974	17.59 0.25 0.00	15.28 0.23 0.00	14.91 0.22 0.00	17.44 0.28 0.00	17.81 0.30 0.00	19.18 0.33 0.00	26.30 0.58 0.00	24.57 0.75 0.00	29.03 0.66 0.00	19.88 0.34 0.00	19.39 0.29 0.00	17.92 0.25 0.00	16.05 0.18 0.00	10.07 0.12 0.00	11.59 0.14 0.00	14.86 0.23 0.00	13.15 0.23 0.00	17.66 0.33 0.00	22.67 0.38 0.00	31.59 0.65 0.00	27.06 0.47 0.00	27.67 0.49 0.00	20.91 0.26 0.00	19.70 0.13 0.00
BETHPAGE_CC_5 323564	17.84 0.50 0.00	15.44 0.40 0.00	15.06 0.37 0.00	17.57 0.41 0.00	17.94 0.43 0.00	19.32 0.47 0.00	26.76 1.05 0.00	24.99 1.17 0.00	29.36 0.99 0.00	20.26 0.73 0.00	19.84 0.74 0.00	18.30 0.63 0.00	16.38 0.51 0.00	10.29 0.34 0.00	11.90 0.45 0.00	15.18 0.55 0.00	13.44 0.52 0.00	18.00 0.66 0.00	23.16 0.87 0.00	32.28 1.35 0.00	27.69 1.11 0.00	28.27 1.09 0.00	21.43 0.77 0.00	20.08 0.50 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	16.22 -1.13 0.00	14.00 -1.05 0.00	13.74 -0.95 0.00	16.10 -1.06 0.00	16.40 -1.11 0.00	17.78 -1.07 0.00	23.89 -1.83 0.00	21.92 -1.90 0.00	26.18 -2.19 0.00	18.47 -1.07 0.00	18.24 -0.87 0.00	16.83 -0.83 0.00	15.24 -0.63 0.00	9.53 -0.42 0.00	11.03 -0.42 0.00	13.94 -0.69 0.00	12.23 -0.70 0.00	16.26 -1.07 0.00	20.86 -1.43 0.00	28.92 -2.01 0.00	24.84 -1.74 0.00	25.54 -1.64 0.00	19.68 -0.98 0.00	19.26 -0.32 0.00

BINGHAMTON___COGEN 23790	17.20 -0.15 0.00	14.90 -0.15 0.00	14.54 -0.15 0.00	17.02 -0.14 0.00	17.36 -0.15 0.00	18.71 -0.13 0.00	25.53 -0.18 0.00	23.79 -0.03 0.00	28.19 -0.18 0.00	19.42 -0.12 0.00	18.99 -0.11 0.00	17.54 -0.12 0.00	15.80 -0.07 0.00	9.89 -0.05 0.00	11.36 -0.09 0.00	14.49 -0.14 0.00	12.82 -0.11 0.00	17.20 -0.14 0.00	22.12 -0.17 0.00	30.82 -0.11 0.00	26.39 -0.19 0.00	27.00 -0.17 0.00	20.55 -0.11 0.00	19.55 -0.02 0.00
BIXINCNT_115KV_LOAD 355685	16.31 -1.04 0.00	14.00 -1.04 0.00	13.76 -0.93 0.00	16.18 -0.98 0.00	16.52 -0.98 0.00	17.93 -0.92 0.00	24.06 -1.65 0.00	22.18 -1.64 0.00	26.54 -1.83 0.00	18.76 -0.78 0.00	18.44 -0.66 0.00	17.16 -0.51 0.00	15.53 -0.34 0.00	9.68 -0.27 0.00	11.15 -0.30 0.00	14.03 -0.60 0.00	12.27 -0.66 0.00	16.30 -1.03 0.00	21.00 -1.29 0.00	29.28 -1.66 0.00	25.25 -1.34 0.00	26.07 -1.11 0.00	20.07 -0.58 0.00	19.53 -0.04 0.00
BLACK RIVER___HYD 24047	17.33 -0.02 0.00	15.01 -0.04 0.00	14.58 -0.12 0.00	16.98 -0.18 0.00	17.32 -0.19 0.00	18.65 -0.20 0.00	25.27 -0.44 0.00	23.31 -0.51 0.00	28.04 -0.33 0.00	19.06 -0.48 0.00	18.39 -0.72 0.00	16.70 -0.96 0.00	15.01 -0.86 0.00	9.40 -0.54 0.00	10.64 -0.81 0.00	13.53 -1.10 0.00	11.81 -1.11 0.00	16.01 -1.32 0.00	21.23 -1.07 0.00	30.12 -0.81 0.00	25.74 -0.85 0.00	26.27 -0.91 0.00	19.78 -0.88 0.00	18.68 -0.90 0.00
BLACKRVR_115KV_TB2 79977	17.33 -0.02 0.00	15.01 -0.04 0.00	14.58 -0.11 0.00	16.98 -0.18 0.00	17.32 -0.19 0.00	18.65 -0.20 0.00	25.27 -0.44 0.00	23.31 -0.51 0.00	28.04 -0.33 0.00	19.06 -0.48 0.00	18.39 -0.72 0.00	16.70 -0.96 0.00	15.01 -0.86 0.00	9.40 -0.54 0.00	10.64 -0.81 0.00	13.53 -1.10 0.00	11.81 -1.11 0.00	16.01 -1.32 0.00	21.23 -1.07 0.00	30.12 -0.81 0.00	25.74 -0.85 0.00	26.26 -0.91 0.00	19.78 -0.88 0.00	18.68 -0.90 0.00
BLISS_WT_PWR 323608	16.22 -1.13 0.00	13.92 -1.13 0.00	13.68 -1.01 0.00	16.10 -1.06 0.00	16.51 -1.00 0.00	17.86 -0.99 0.00	23.95 -1.76 0.00	22.09 -1.72 0.00	26.46 -1.91 0.00	18.73 -0.82 0.00	18.38 -0.72 0.00	17.14 -0.53 0.00	15.51 -0.36 0.00	9.65 -0.29 0.00	11.11 -0.34 0.00	13.95 -0.67 0.00	12.19 -0.73 0.00	16.20 -1.13 0.00	20.91 -1.39 0.00	29.18 -1.75 0.00	25.19 -1.39 0.00	26.03 -1.15 0.00	20.05 -0.60 0.00	19.52 -0.06 0.00
BLUESTONE___WT_PWR 323821	18.10 0.76 0.00	15.69 0.65 0.00	15.31 0.61 0.00	17.85 0.69 0.00	18.11 0.60 0.00	19.52 0.68 0.00	26.39 0.68 0.00	24.94 1.12 0.00	29.54 1.17 0.00	20.20 0.66 0.00	19.76 0.65 0.00	18.25 0.58 0.00	16.41 0.54 0.00	10.28 0.34 0.00	11.67 0.23 0.00	14.79 0.16 0.00	13.11 0.19 0.00	17.78 0.44 0.00	22.98 0.69 0.00	32.20 1.27 0.00	27.70 1.11 0.00	27.81 0.63 0.00	21.08 0.42 0.00	20.12 0.55 0.00
BLUE_CIRC_CHEM_DRP 24182	17.67 0.32 0.00	15.35 0.31 0.00	14.99 0.29 0.00	17.52 0.36 0.00	17.89 0.38 0.00	19.28 0.43 0.00	26.39 0.68 0.00	24.55 0.73 0.00	29.02 0.65 0.00	19.86 0.33 0.00	19.37 0.27 0.00	17.89 0.22 0.00	16.01 0.14 0.00	10.03 0.08 0.00	11.46 0.01 0.00	14.75 0.12 0.00	12.82 -0.11 0.00	17.22 -0.11 0.00	22.13 -0.16 0.00	30.82 -0.11 0.00	26.41 -0.17 0.00	26.99 -0.18 0.00	20.43 -0.23 0.00	19.27 -0.30 0.00
BOC_GAS_DRP 24189	17.47 0.12 0.00	15.16 0.12 0.00	14.80 0.11 0.00	17.30 0.14 0.00	17.66 0.15 0.00	19.01 0.17 0.00	26.05 0.34 0.00	24.29 0.47 0.00	28.75 0.38 0.00	19.74 0.20 0.00	19.25 0.15 0.00	17.80 0.13 0.00	15.95 0.08 0.00	10.01 0.06 0.00	11.52 0.07 0.00	14.75 0.12 0.00	13.04 0.11 0.00	17.49 0.16 0.00	22.46 0.16 0.00	31.28 0.34 0.00	26.81 0.22 0.00	27.39 0.21 0.00	20.74 0.08 0.00	19.56 -0.02 0.00
BOONVILLE_115KV_TB1 79983	17.89 0.54 0.00	15.48 0.43 0.00	14.92 0.22 0.00	17.40 0.23 0.00	17.78 0.27 0.00	19.16 0.31 0.00	26.10 0.38 0.00	24.20 0.38 0.00	28.88 0.52 0.00	19.77 0.23 0.00	19.26 0.16 0.00	17.74 0.07 0.00	15.90 0.03 0.00	9.96 0.01 0.00	11.35 -0.09 0.00	14.46 -0.16 0.00	12.74 -0.18 0.00	17.18 -0.15 0.00	22.35 0.06 0.00	31.28 0.35 0.00	26.79 0.21 0.00	27.34 0.16 0.00	20.69 0.03 0.00	19.54 -0.03 0.00
BORALEX_4TH_BRANCH 23824	17.43 0.08 0.00	15.18 0.14 0.00	14.83 0.13 0.00	17.35 0.19 0.00	17.73 0.22 0.00	19.11 0.27 0.00	26.30 0.59 0.00	24.63 0.81 0.00	28.99 0.62 0.00	19.75 0.21 0.00	19.22 0.11 0.00	17.84 0.17 0.00	15.99 0.12 0.00	10.05 0.10 0.00	11.60 0.15 0.00	14.88 0.25 0.00	13.17 0.25 0.00	17.67 0.34 0.00	22.69 0.39 0.00	31.63 0.70 0.00	27.14 0.55 0.00	27.85 0.67 0.00	20.94 0.29 0.00	19.65 0.08 0.00
BOWLINE___1 23526	17.57 0.23 0.00	15.20 0.15 0.00	14.84 0.15 0.00	17.33 0.17 0.00	17.70 0.19 0.00	19.04 0.19 0.00	26.21 0.49 0.00	24.54 0.72 0.00	29.01 0.64 0.00	20.03 0.48 0.00	19.51 0.41 0.00	18.01 0.35 0.00	16.19 0.32 0.00	10.18 0.23 0.00	11.74 0.30 0.00	15.01 0.38 0.00	13.30 0.38 0.00	17.81 0.48 0.00	22.87 0.58 0.00	31.97 1.04 0.00	27.34 0.75 0.00	27.85 0.67 0.00	21.08 0.42 0.00	19.80 0.23 0.00
BOWLINE___2 23595	17.57 0.23 0.00	15.20 0.15 0.00	14.84 0.15 0.00	17.33 0.17 0.00	17.70 0.19 0.00	19.04 0.19 0.00	26.21 0.49 0.00	24.54 0.72 0.00	29.01 0.64 0.00	20.03 0.48 0.00	19.51 0.41 0.00	18.01 0.35 0.00	16.19 0.32 0.00	10.18 0.23 0.00	11.74 0.30 0.00	15.01 0.38 0.00	13.30 0.38 0.00	17.81 0.48 0.00	22.87 0.58 0.00	31.97 1.04 0.00	27.34 0.75 0.00	27.85 0.67 0.00	21.08 0.42 0.00	19.80 0.23 0.00
BRADY___115KV_TB2 356060	17.66 0.32 0.00	15.31 0.27 0.00	14.95 0.25 0.00	17.41 0.24 0.00	17.73 0.22 0.00	19.13 0.28 0.00	26.09 0.38 0.00	24.01 0.19 0.00	28.78 0.41 0.00	19.76 0.22 0.00	19.35 0.25 0.00	17.90 0.23 0.00	16.05 0.18 0.00	10.01 0.07 0.00	11.51 0.06 0.00	14.68 0.06 0.00	12.94 0.01 0.00	17.40 0.06 0.00	22.61 0.32 0.00	31.35 0.42 0.00	27.02 0.44 0.00	27.70 0.52 0.00	21.07 0.42 0.00	19.91 0.33 0.00
BRANSCOMB___SOLAR 323811	17.70 0.35 0.00	15.41 0.36 0.00	15.03 0.34 0.00	17.59 0.43 0.00	17.97 0.46 0.00	19.40 0.55 0.00	26.64 0.93 0.00	24.90 1.08 0.00	29.32 0.95 0.00	19.94 0.40 0.00	19.35 0.25 0.00	17.92 0.25 0.00	16.03 0.16 0.00	10.07 0.12 0.00	11.63 0.18 0.00	14.92 0.29 0.00	13.29 0.36 0.00	17.90 0.56 0.00	23.02 0.73 0.00	32.09 1.16 0.00	27.54 0.96 0.00	28.08 0.91 0.00	21.14 0.49 0.00	19.90 0.33 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	17.94 0.59 0.00	15.52 0.47 0.00	15.15 0.46 0.00	17.67 0.51 0.00	18.07 0.56 0.00	19.44 0.59 0.00	26.98 1.26 0.00	25.11 1.30 0.00	29.36 0.99 0.00	20.26 0.72 0.00	19.85 0.75 0.00	18.30 0.63 0.00	16.34 0.46 0.00	10.25 0.31 0.00	11.90 0.46 0.00	15.19 0.57 0.00	13.50 0.58 0.00	18.10 0.76 0.00	23.33 1.04 0.00	32.46 1.53 0.00	27.92 1.34 0.00	28.51 1.33 0.00	21.59 0.93 0.00	20.22 0.65 0.00

BRISTLHL_115KV_TB1 79998	17.01 -0.34 0.00	14.74 -0.31 0.00	14.39 -0.31 0.00	16.82 -0.34 0.00	17.17 -0.33 0.00	18.48 -0.37 0.00	25.11 -0.60 0.00	23.30 -0.52 0.00	27.67 -0.70 0.00	19.07 -0.47 0.00	18.62 -0.48 0.00	17.23 -0.44 0.00	15.47 -0.40 0.00	9.69 -0.26 0.00	11.13 -0.31 0.00	14.21 -0.42 0.00	12.55 -0.37 0.00	16.85 -0.48 0.00	21.66 -0.64 0.00	30.10 -0.83 0.00	25.84 -0.75 0.00	26.41 -0.77 0.00	20.15 -0.50 0.00	19.25 -0.32 0.00
BROOKHAVEN___DRP 24191	17.74 0.39 0.00	15.38 0.33 0.00	15.01 0.32 0.00	17.51 0.35 0.00	17.92 0.42 0.00	19.30 0.45 0.00	26.90 1.19 0.00	25.00 1.18 0.00	29.27 0.90 0.00	20.18 0.64 0.00	19.74 0.64 0.00	18.20 0.54 0.00	16.22 0.35 0.00	10.18 0.23 0.00	11.78 0.33 0.00	15.05 0.42 0.00	13.39 0.47 0.00	17.88 0.55 0.00	23.10 0.81 0.00	32.10 1.16 0.00	27.69 1.10 0.00	28.23 1.06 0.00	21.37 0.72 0.00	20.00 0.42 0.00
BROOKLYN_NAVY_YARD 23515	17.63 0.28 0.00	15.26 0.21 0.00	14.90 0.21 0.00	17.41 0.25 0.00	17.74 0.23 0.00	19.08 0.23 0.00	26.28 0.57 0.00	24.68 0.86 0.00	29.15 0.78 0.00	20.17 0.63 0.00	19.66 0.56 0.00	18.17 0.50 0.00	16.36 0.49 0.00	10.29 0.34 0.00	11.86 0.42 0.00	15.15 0.52 0.00	13.44 0.51 0.00	17.98 0.64 0.00	23.01 0.72 0.00	32.17 1.24 0.00	27.47 0.89 0.00	27.97 0.79 0.00	21.15 0.49 0.00	19.82 0.25 0.00
BROOKLYN___ARMY_DRP 323595	17.67 0.32 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.78 0.28 0.00	19.10 0.25 0.00	26.31 0.60 0.00	24.70 0.89 0.00	29.19 0.82 0.00	20.20 0.66 0.00	19.70 0.60 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.35 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.99 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.53 0.95 0.00	28.04 0.87 0.00	21.21 0.56 0.00	19.92 0.34 0.00
BROOKVLE_69_KV_TB1 55790	17.91 0.57 0.00	15.51 0.46 0.00	15.12 0.43 0.00	17.64 0.48 0.00	18.02 0.51 0.00	19.40 0.55 0.00	26.84 1.13 0.00	25.11 1.29 0.00	29.55 1.18 0.00	20.39 0.85 0.00	19.95 0.85 0.00	18.43 0.76 0.00	16.51 0.64 0.00	10.38 0.43 0.00	11.99 0.54 0.00	15.30 0.67 0.00	13.57 0.65 0.00	18.17 0.84 0.00	23.37 1.08 0.00	32.59 1.66 0.00	27.93 1.35 0.00	28.49 1.31 0.00	21.56 0.90 0.00	20.20 0.63 0.00
BROOME_2_LFGE 323671	17.20 -0.15 0.00	14.90 -0.15 0.00	14.54 -0.15 0.00	17.01 -0.14 0.00	17.36 -0.15 0.00	18.71 -0.14 0.00	25.53 -0.18 0.00	23.78 -0.03 0.00	28.19 -0.18 0.00	19.42 -0.12 0.00	18.99 -0.11 0.00	17.54 -0.12 0.00	15.80 -0.07 0.00	9.89 -0.05 0.00	11.36 -0.09 0.00	14.49 -0.13 0.00	12.82 -0.11 0.00	17.19 -0.14 0.00	22.12 -0.17 0.00	30.82 -0.11 0.00	26.39 -0.19 0.00	27.00 -0.17 0.00	20.55 -0.11 0.00	19.56 -0.02 0.00
BROOME___LFGE 323600	17.20 -0.15 0.00	14.90 -0.15 0.00	14.54 -0.15 0.00	17.01 -0.14 0.00	17.36 -0.15 0.00	18.71 -0.14 0.00	25.53 -0.18 0.00	23.78 -0.03 0.00	28.19 -0.18 0.00	19.42 -0.12 0.00	18.99 -0.11 0.00	17.54 -0.12 0.00	15.80 -0.07 0.00	9.89 -0.05 0.00	11.36 -0.09 0.00	14.49 -0.13 0.00	12.82 -0.11 0.00	17.19 -0.14 0.00	22.12 -0.17 0.00	30.82 -0.11 0.00	26.39 -0.19 0.00	27.00 -0.17 0.00	20.55 -0.11 0.00	19.56 -0.02 0.00
BROWNFLS_115KV_TB 3_5 80003	17.19 -0.16 0.00	14.89 -0.15 0.00	14.47 -0.22 0.00	16.83 -0.33 0.00	17.16 -0.35 0.00	18.49 -0.36 0.00	25.13 -0.58 0.00	23.19 -0.62 0.00	27.87 -0.50 0.00	19.10 -0.44 0.00	18.58 -0.53 0.00	17.06 -0.61 0.00	15.33 -0.54 0.00	9.57 -0.37 0.00	10.91 -0.53 0.00	13.91 -0.72 0.00	12.19 -0.74 0.00	16.45 -0.88 0.00	21.55 -0.74 0.00	30.12 -0.81 0.00	25.84 -0.74 0.00	26.46 -0.72 0.00	20.03 -0.63 0.00	18.88 -0.70 0.00
BROWNSV1_27_KV_LOAD 356125	17.77 0.43 0.00	15.38 0.34 0.00	15.01 0.31 0.00	17.52 0.36 0.00	17.89 0.38 0.00	19.24 0.39 0.00	26.51 0.80 0.00	24.89 1.08 0.00	29.42 1.05 0.00	20.35 0.81 0.00	19.84 0.74 0.00	18.34 0.67 0.00	16.50 0.63 0.00	10.38 0.44 0.00	11.98 0.53 0.00	15.29 0.66 0.00	13.56 0.64 0.00	18.14 0.80 0.00	23.24 0.94 0.00	32.49 1.56 0.00	27.74 1.16 0.00	28.24 1.07 0.00	21.36 0.70 0.00	20.04 0.46 0.00
BURROWS___LYONSDAL 23803	17.80 0.45 0.00	15.41 0.36 0.00	14.87 0.17 0.00	17.32 0.16 0.00	17.70 0.19 0.00	19.06 0.22 0.00	25.92 0.21 0.00	24.02 0.20 0.00	28.74 0.37 0.00	19.66 0.12 0.00	19.13 0.03 0.00	17.57 -0.09 0.00	15.76 -0.11 0.00	9.87 -0.07 0.00	11.24 -0.20 0.00	14.30 -0.33 0.00	12.56 -0.36 0.00	16.97 -0.37 0.00	22.14 -0.15 0.00	31.06 0.12 0.00	26.58 -0.01 0.00	27.12 -0.06 0.00	20.51 -0.15 0.00	19.35 -0.22 0.00
CAITHNESS_CC_1 323624	17.74 0.39 0.00	15.37 0.33 0.00	15.01 0.31 0.00	17.51 0.35 0.00	17.90 0.39 0.00	19.29 0.44 0.00	26.83 1.12 0.00	24.95 1.13 0.00	29.21 0.84 0.00	20.16 0.61 0.00	19.72 0.62 0.00	18.19 0.52 0.00	16.21 0.34 0.00	10.17 0.22 0.00	11.78 0.33 0.00	15.04 0.41 0.00	13.38 0.46 0.00	17.88 0.54 0.00	23.08 0.79 0.00	32.07 1.14 0.00	27.65 1.07 0.00	28.22 1.04 0.00	21.36 0.71 0.00	20.00 0.42 0.00
CALPINE BETH_PAGE_GT4 24209	17.84 0.49 0.00	15.45 0.40 0.00	15.06 0.37 0.00	17.57 0.41 0.00	17.96 0.45 0.00	19.33 0.48 0.00	26.76 1.05 0.00	25.00 1.18 0.00	29.38 1.01 0.00	20.27 0.73 0.00	19.84 0.74 0.00	18.30 0.64 0.00	16.39 0.52 0.00	10.29 0.35 0.00	11.91 0.46 0.00	15.18 0.56 0.00	13.41 0.49 0.00	17.96 0.62 0.00	23.08 0.79 0.00	32.18 1.25 0.00	27.60 1.02 0.00	28.18 1.00 0.00	21.39 0.73 0.00	20.05 0.47 0.00
CALPINE_BETH_PAGE_GT_4 323586	17.84 0.50 0.00	15.45 0.40 0.00	15.06 0.37 0.00	17.57 0.41 0.00	17.94 0.43 0.00	19.33 0.48 0.00	26.76 1.05 0.00	24.99 1.18 0.00	29.38 1.02 0.00	20.27 0.73 0.00	19.84 0.74 0.00	18.30 0.64 0.00	16.39 0.52 0.00	10.29 0.35 0.00	11.91 0.46 0.00	15.18 0.56 0.00	13.41 0.49 0.00	17.96 0.62 0.00	23.08 0.79 0.00	32.18 1.25 0.00	27.60 1.02 0.00	28.17 1.00 0.00	21.39 0.73 0.00	20.04 0.47 0.00
CALPINE_BP_GT1 23823	17.84 0.50 0.00	15.45 0.40 0.00	15.06 0.37 0.00	17.57 0.41 0.00	17.94 0.43 0.00	19.33 0.48 0.00	26.76 1.05 0.00	24.99 1.18 0.00	29.38 1.02 0.00	20.27 0.73 0.00	19.84 0.74 0.00	18.30 0.64 0.00	16.39 0.52 0.00	10.29 0.35 0.00	11.91 0.46 0.00	15.18 0.56 0.00	13.41 0.49 0.00	17.96 0.62 0.00	23.08 0.79 0.00	32.18 1.25 0.00	27.60 1.02 0.00	28.17 1.00 0.00	21.39 0.73 0.00	20.04 0.47 0.00
CALSPAN___DRP 24200	16.12 -1.23 0.00	13.92 -1.13 0.00	13.66 -1.04 0.00	16.01 -1.15 0.00	16.30 -1.22 0.00	17.67 -1.18 0.00	23.73 -1.98 0.00	21.77 -2.05 0.00	26.00 -2.37 0.00	18.34 -1.20 0.00	18.11 -0.99 0.00	16.72 -0.95 0.00	15.13 -0.74 0.00	9.46 -0.49 0.00	10.95 -0.49 0.00	13.85 -0.78 0.00	12.15 -0.77 0.00	16.16 -1.18 0.00	20.72 -1.57 0.00	28.72 -2.21 0.00	24.67 -1.91 0.00	25.35 -1.82 0.00	19.54 -1.11 0.00	19.15 -0.43 0.00

CALVERTON___SOLAR 323806	17.74 0.40 0.00	15.39 0.34 0.00	15.03 0.34 0.00	17.53 0.37 0.00	17.94 0.43 0.00	19.33 0.48 0.00	26.98 1.27 0.00	25.07 1.25 0.00	29.33 0.96 0.00	20.22 0.68 0.00	19.77 0.67 0.00	18.22 0.56 0.00	16.23 0.36 0.00	10.18 0.24 0.00	11.79 0.34 0.00	15.06 0.44 0.00	13.41 0.48 0.00	17.89 0.56 0.00	23.14 0.85 0.00	32.15 1.22 0.00	27.74 1.16 0.00	28.27 1.10 0.00	21.39 0.73 0.00	20.01 0.44 0.00
CANDIGU_WT_PWR 323617	16.27 -1.08 0.00	14.14 -0.91 0.00	13.55 -1.14 0.00	16.03 -1.13 0.00	16.45 -1.06 0.00	17.73 -1.11 0.00	24.36 -1.36 0.00	22.58 -1.24 0.00	26.56 -1.81 0.00	18.78 -0.76 0.00	18.61 -0.49 0.00	17.27 -0.40 0.00	15.58 -0.29 0.00	9.67 -0.28 0.00	10.99 -0.45 0.00	14.01 -0.62 0.00	12.35 -0.58 0.00	16.58 -0.75 0.00	21.47 -0.82 0.00	30.23 -0.70 0.00	25.93 -0.66 0.00	26.52 -0.65 0.00	20.29 -0.37 0.00	19.45 -0.12 0.00
CARR STREET_E_SYR 24060	17.10 -0.25 0.00	14.82 -0.23 0.00	14.47 -0.23 0.00	16.91 -0.25 0.00	17.28 -0.23 0.00	18.59 -0.26 0.00	25.27 -0.45 0.00	23.52 -0.29 0.00	27.91 -0.45 0.00	19.25 -0.29 0.00	18.83 -0.28 0.00	17.42 -0.24 0.00	15.67 -0.20 0.00	9.81 -0.14 0.00	11.27 -0.17 0.00	14.38 -0.25 0.00	12.70 -0.23 0.00	17.03 -0.31 0.00	21.88 -0.41 0.00	30.40 -0.53 0.00	26.08 -0.51 0.00	26.66 -0.52 0.00	20.34 -0.32 0.00	19.44 -0.13 0.00
CARTHAGE___PAPER 23857	17.50 0.16 0.00	15.16 0.11 0.00	14.70 0.01 0.00	17.11 -0.05 0.00	17.47 -0.05 0.00	18.81 -0.04 0.00	25.50 -0.21 0.00	23.55 -0.27 0.00	28.33 -0.05 0.00	19.27 -0.27 0.00	18.61 -0.49 0.00	16.95 -0.71 0.00	15.23 -0.65 0.00	9.54 -0.41 0.00	10.81 -0.64 0.00	13.75 -0.88 0.00	12.01 -0.91 0.00	16.28 -1.05 0.00	21.52 -0.77 0.00	30.46 -0.48 0.00	26.04 -0.54 0.00	26.58 -0.60 0.00	20.03 -0.63 0.00	18.88 -0.69 0.00
CASSADAGA_WT_PWR 323784	16.01 -1.34 0.00	13.68 -1.37 0.00	13.63 -1.06 0.00	16.08 -1.08 0.00	16.25 -1.26 0.00	17.72 -1.12 0.00	24.08 -1.64 0.00	21.94 -1.88 0.00	26.14 -2.22 0.00	18.65 -0.89 0.00	18.50 -0.60 0.00	17.10 -0.57 0.00	15.53 -0.35 0.00	9.70 -0.25 0.00	11.16 -0.28 0.00	14.18 -0.45 0.00	12.39 -0.53 0.00	16.48 -0.85 0.00	21.02 -1.27 0.00	29.26 -1.67 0.00	25.14 -1.45 0.00	25.92 -1.26 0.00	19.97 -0.69 0.00	19.67 0.10 0.00
CE_DUNWOOD___DRP 24194	17.63 0.28 0.00	15.26 0.21 0.00	14.90 0.20 0.00	17.38 0.22 0.00	17.77 0.25 0.00	19.10 0.25 0.00	26.29 0.58 0.00	24.64 0.82 0.00	29.12 0.76 0.00	20.10 0.56 0.00	19.60 0.50 0.00	18.11 0.44 0.00	16.27 0.39 0.00	10.23 0.28 0.00	11.80 0.36 0.00	15.08 0.45 0.00	13.38 0.45 0.00	17.91 0.57 0.00	22.98 0.68 0.00	32.11 1.18 0.00	27.45 0.86 0.00	27.96 0.79 0.00	21.15 0.49 0.00	19.86 0.29 0.00
CE_MILLWOOD___DRP 24193	17.61 0.27 0.00	15.24 0.20 0.00	14.88 0.19 0.00	17.37 0.21 0.00	17.75 0.24 0.00	19.08 0.23 0.00	26.27 0.56 0.00	24.61 0.79 0.00	29.09 0.72 0.00	20.08 0.54 0.00	19.56 0.46 0.00	18.08 0.41 0.00	16.24 0.37 0.00	10.21 0.27 0.00	11.78 0.33 0.00	15.06 0.43 0.00	13.35 0.43 0.00	17.88 0.55 0.00	22.95 0.65 0.00	32.07 1.13 0.00	27.42 0.83 0.00	27.92 0.75 0.00	21.13 0.47 0.00	19.84 0.27 0.00
CE_NYC2_DRP 24202	17.63 0.28 0.00	15.27 0.22 0.00	14.90 0.20 0.00	17.39 0.23 0.00	17.77 0.25 0.00	19.08 0.23 0.00	26.28 0.57 0.00	24.68 0.86 0.00	29.15 0.78 0.00	20.17 0.63 0.00	19.67 0.57 0.00	18.17 0.51 0.00	16.37 0.50 0.00	10.29 0.35 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.97 0.64 0.00	23.01 0.72 0.00	32.17 1.24 0.00	27.49 0.90 0.00	27.98 0.80 0.00	21.16 0.51 0.00	19.85 0.28 0.00
CE_NYC_DRP 24195	17.63 0.28 0.00	15.26 0.22 0.00	14.90 0.21 0.00	17.40 0.24 0.00	17.76 0.25 0.00	19.09 0.24 0.00	26.30 0.58 0.00	24.68 0.86 0.00	29.17 0.80 0.00	20.18 0.63 0.00	19.68 0.58 0.00	18.19 0.52 0.00	16.37 0.49 0.00	10.29 0.35 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.99 0.65 0.00	23.04 0.74 0.00	32.20 1.27 0.00	27.50 0.91 0.00	28.00 0.82 0.00	21.17 0.51 0.00	19.85 0.28 0.00
CHAFFEE___LFGE 323603	16.20 -1.15 0.00	13.98 -1.06 0.00	13.72 -0.97 0.00	16.08 -1.08 0.00	16.44 -1.07 0.00	17.75 -1.10 0.00	23.85 -1.86 0.00	21.90 -1.92 0.00	26.15 -2.21 0.00	18.43 -1.11 0.00	18.21 -0.90 0.00	16.80 -0.87 0.00	15.20 -0.67 0.00	9.50 -0.44 0.00	11.00 -0.45 0.00	13.91 -0.72 0.00	12.21 -0.72 0.00	16.24 -1.09 0.00	20.83 -1.46 0.00	28.87 -2.06 0.00	24.79 -1.79 0.00	25.46 -1.71 0.00	19.63 -1.03 0.00	19.22 -0.36 0.00
CHATEAUG_35_KV_LOAD 355732	17.92 0.57 0.00	15.56 0.51 0.00	15.12 0.42 0.00	17.52 0.36 0.00	17.66 0.16 0.00	19.02 0.17 0.00	26.05 0.33 0.00	24.17 0.35 0.00	28.84 0.47 0.00	20.03 0.49 0.00	19.60 0.50 0.00	18.19 0.53 0.00	16.37 0.50 0.00	10.22 0.27 0.00	11.75 0.31 0.00	14.96 0.33 0.00	13.18 0.26 0.00	17.71 0.38 0.00	22.89 0.60 0.00	31.68 0.75 0.00	27.40 0.81 0.00	28.09 0.91 0.00	21.28 0.63 0.00	20.17 0.59 0.00
CHATEAUG_WT_PWR 323614	17.86 0.52 0.00	15.51 0.47 0.00	15.07 0.38 0.00	17.47 0.31 0.00	17.61 0.10 0.00	18.95 0.10 0.00	25.97 0.26 0.00	24.10 0.28 0.00	28.73 0.36 0.00	19.96 0.42 0.00	19.52 0.41 0.00	18.12 0.46 0.00	16.31 0.44 0.00	10.19 0.24 0.00	11.73 0.28 0.00	14.94 0.31 0.00	13.15 0.23 0.00	17.67 0.34 0.00	22.81 0.52 0.00	31.59 0.65 0.00	27.30 0.72 0.00	27.99 0.81 0.00	21.28 0.63 0.00	20.17 0.60 0.00
CHAT_HIGH_FALL_HYD 323578	17.92 0.57 0.00	15.56 0.51 0.00	15.12 0.42 0.00	17.52 0.36 0.00	17.66 0.16 0.00	19.02 0.17 0.00	26.05 0.33 0.00	24.17 0.35 0.00	28.84 0.47 0.00	20.03 0.49 0.00	19.60 0.50 0.00	18.19 0.53 0.00	16.37 0.50 0.00	10.22 0.27 0.00	11.75 0.31 0.00	14.96 0.33 0.00	13.18 0.26 0.00	17.71 0.38 0.00	22.89 0.60 0.00	31.68 0.75 0.00	27.40 0.81 0.00	28.09 0.91 0.00	21.28 0.63 0.00	20.17 0.59 0.00
CHAUTAUQUA___LFGE 323629	16.03 -1.32 0.00	13.80 -1.24 0.00	13.61 -1.08 0.00	16.01 -1.15 0.00	16.30 -1.22 0.00	17.67 -1.17 0.00	23.83 -1.88 0.00	21.85 -1.96 0.00	26.04 -2.33 0.00	18.46 -1.09 0.00	18.24 -0.87 0.00	16.82 -0.85 0.00	15.25 -0.62 0.00	9.54 -0.41 0.00	11.00 -0.44 0.00	13.95 -0.68 0.00	12.23 -0.69 0.00	16.28 -1.06 0.00	20.85 -1.45 0.00	28.98 -1.95 0.00	24.86 -1.73 0.00	25.59 -1.59 0.00	19.71 -0.95 0.00	19.32 -0.25 0.00
CHERRYST_13_KV_LD 356241	17.67 0.32 0.00	15.30 0.26 0.00	14.93 0.24 0.00	17.44 0.28 0.00	17.81 0.30 0.00	19.13 0.29 0.00	26.37 0.66 0.00	24.75 0.93 0.00	29.25 0.89 0.00	20.24 0.70 0.00	19.74 0.64 0.00	18.25 0.58 0.00	16.43 0.55 0.00	10.33 0.39 0.00	11.92 0.48 0.00	15.22 0.59 0.00	13.50 0.57 0.00	18.05 0.71 0.00	23.11 0.82 0.00	32.29 1.36 0.00	27.57 0.98 0.00	28.06 0.89 0.00	21.22 0.57 0.00	19.90 0.33 0.00

CHESTROR_138KV_BK263 355645	17.54 0.19 0.00	15.18 0.14 0.00	14.82 0.13 0.00	17.31 0.15 0.00	17.69 0.18 0.00	19.02 0.18 0.00	26.16 0.44 0.00	24.47 0.65 0.00	28.94 0.57 0.00	19.94 0.40 0.00	19.42 0.32 0.00	17.93 0.26 0.00	16.10 0.23 0.00	10.12 0.18 0.00	11.68 0.23 0.00	14.93 0.30 0.00	13.24 0.31 0.00	17.75 0.41 0.00	22.79 0.50 0.00	31.85 0.91 0.00	27.24 0.66 0.00	27.76 0.59 0.00	21.02 0.36 0.00	19.78 0.20 0.00
CH_MIDHUDSON___DRP 24192	17.63 0.28 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.42 0.26 0.00	17.80 0.30 0.00	19.15 0.30 0.00	26.36 0.65 0.00	24.68 0.86 0.00	29.16 0.79 0.00	20.05 0.51 0.00	19.52 0.42 0.00	18.03 0.37 0.00	16.19 0.32 0.00	10.17 0.23 0.00	11.74 0.29 0.00	15.02 0.39 0.00	13.34 0.41 0.00	17.90 0.56 0.00	22.99 0.70 0.00	32.11 1.18 0.00	27.47 0.89 0.00	27.99 0.81 0.00	21.15 0.50 0.00	19.86 0.29 0.00
CH_MISC_IPPS 23765	17.73 0.38 0.00	15.35 0.31 0.00	14.99 0.29 0.00	17.50 0.34 0.00	17.88 0.37 0.00	19.25 0.41 0.00	26.51 0.80 0.00	24.82 1.00 0.00	29.32 0.96 0.00	20.17 0.63 0.00	19.63 0.53 0.00	18.12 0.45 0.00	16.27 0.40 0.00	10.23 0.28 0.00	11.80 0.35 0.00	15.09 0.46 0.00	13.41 0.49 0.00	17.99 0.65 0.00	23.12 0.82 0.00	32.30 1.37 0.00	27.63 1.05 0.00	28.14 0.97 0.00	21.27 0.61 0.00	19.98 0.40 0.00
CH_RES_BVR_FALLS 23983	17.41 0.06 0.00	15.10 0.06 0.00	14.75 0.06 0.00	17.20 0.04 0.00	17.53 0.02 0.00	18.82 -0.03 0.00	25.50 -0.21 0.00	23.44 -0.38 0.00	28.09 -0.28 0.00	19.41 -0.13 0.00	19.03 -0.07 0.00	17.62 -0.05 0.00	15.85 -0.02 0.00	9.95 0.00 0.00	11.41 -0.04 0.00	14.56 -0.07 0.00	12.82 -0.11 0.00	17.16 -0.17 0.00	22.20 -0.09 0.00	30.81 -0.12 0.00	26.49 -0.10 0.00	27.08 -0.10 0.00	20.57 -0.08 0.00	19.43 -0.14 0.00
CH_RES_NIAGARA 23895	15.62 -1.73 0.00	13.55 -1.50 0.00	13.32 -1.37 0.00	15.58 -1.58 0.00	15.92 -1.59 0.00	17.16 -1.69 0.00	22.87 -2.85 0.00	20.78 -3.04 0.00	24.84 -3.53 0.00	17.51 -2.03 0.00	17.31 -1.79 0.00	15.97 -1.69 0.00	14.46 -1.41 0.00	9.05 -0.90 0.00	10.51 -0.94 0.00	13.28 -1.35 0.00	11.65 -1.27 0.00	15.47 -1.87 0.00	19.80 -2.50 0.00	27.34 -3.59 0.00	23.47 -3.11 0.00	24.08 -3.10 0.00	18.62 -2.04 0.00	18.41 -1.16 0.00
CH_RES_SYRACUSE 23985	17.22 -0.13 0.00	14.94 -0.11 0.00	14.58 -0.12 0.00	17.06 -0.10 0.00	17.41 -0.10 0.00	18.74 -0.11 0.00	25.51 -0.20 0.00	23.92 0.10 0.00	28.21 -0.16 0.00	19.45 -0.09 0.00	19.03 -0.08 0.00	17.59 -0.08 0.00	15.81 -0.07 0.00	9.90 -0.05 0.00	11.35 -0.09 0.00	14.50 -0.13 0.00	12.81 -0.11 0.00	17.20 -0.14 0.00	22.11 -0.19 0.00	30.71 -0.22 0.00	26.35 -0.24 0.00	26.94 -0.24 0.00	20.55 -0.11 0.00	19.62 0.05 0.00
CLINTON_WT_PWR 323605	17.86 0.52 0.00	15.51 0.47 0.00	15.07 0.38 0.00	17.47 0.31 0.00	17.61 0.10 0.00	18.95 0.10 0.00	25.97 0.26 0.00	24.10 0.28 0.00	28.73 0.36 0.00	19.96 0.42 0.00	19.52 0.41 0.00	18.12 0.46 0.00	16.31 0.44 0.00	10.19 0.24 0.00	11.73 0.28 0.00	14.94 0.31 0.00	13.15 0.23 0.00	17.67 0.34 0.00	22.81 0.52 0.00	31.59 0.65 0.00	27.30 0.72 0.00	27.99 0.81 0.00	21.28 0.63 0.00	20.17 0.60 0.00
CLINTON___LFGE 323618	18.06 0.72 0.00	15.69 0.65 0.00	15.25 0.56 0.00	17.68 0.52 0.00	17.82 0.31 0.00	19.18 0.34 0.00	26.33 0.62 0.00	24.49 0.67 0.00	29.12 0.75 0.00	20.21 0.67 0.00	19.71 0.61 0.00	18.31 0.65 0.00	16.50 0.63 0.00	10.30 0.36 0.00	11.85 0.41 0.00	15.09 0.46 0.00	13.30 0.38 0.00	17.91 0.57 0.00	23.14 0.84 0.00	32.07 1.14 0.00	27.71 1.12 0.00	28.41 1.24 0.00	21.57 0.92 0.00	20.44 0.86 0.00
COBBLENY_34_KV_TB1 80064	16.20 -1.15 0.00	13.98 -1.06 0.00	13.72 -0.97 0.00	16.08 -1.08 0.00	16.38 -1.13 0.00	17.75 -1.10 0.00	23.85 -1.86 0.00	21.89 -1.92 0.00	26.16 -2.21 0.00	18.43 -1.10 0.00	18.21 -0.90 0.00	16.79 -0.88 0.00	15.20 -0.67 0.00	9.50 -0.44 0.00	11.00 -0.45 0.00	13.91 -0.72 0.00	12.21 -0.72 0.00	16.23 -1.10 0.00	20.82 -1.47 0.00	28.87 -2.06 0.00	24.79 -1.79 0.00	25.47 -1.71 0.00	19.63 -1.03 0.00	19.21 -0.37 0.00
COFFEEN___115KV_TB3 355620	17.38 0.03 0.00	15.04 0.00 0.00	14.62 -0.08 0.00	17.02 -0.14 0.00	17.37 -0.14 0.00	18.72 -0.13 0.00	25.39 -0.32 0.00	23.45 -0.37 0.00	28.15 -0.21 0.00	19.08 -0.46 0.00	18.37 -0.73 0.00	16.67 -1.00 0.00	14.97 -0.90 0.00	9.38 -0.57 0.00	10.62 -0.83 0.00	13.51 -1.12 0.00	11.80 -1.13 0.00	16.02 -1.32 0.00	21.29 -1.00 0.00	30.28 -0.65 0.00	25.88 -0.70 0.00	26.40 -0.78 0.00	19.89 -0.77 0.00	18.77 -0.81 0.00
COLDSPRG_115KV_BK1 355956	16.66 -0.68 0.00	14.30 -0.74 0.00	14.10 -0.59 0.00	16.60 -0.56 0.00	16.85 -0.66 0.00	18.28 -0.57 0.00	24.77 -0.95 0.00	22.77 -1.04 0.00	27.12 -1.25 0.00	19.19 -0.35 0.00	19.00 -0.10 0.00	17.59 -0.08 0.00	15.93 0.06 0.00	9.96 0.01 0.00	11.48 0.03 0.00	14.55 -0.07 0.00	12.74 -0.18 0.00	16.96 -0.37 0.00	21.68 -0.62 0.00	30.09 -0.84 0.00	25.85 -0.74 0.00	26.65 -0.53 0.00	20.49 -0.17 0.00	19.96 0.38 0.00
COLONIE_LFGE___ 323577	17.52 0.17 0.00	15.24 0.19 0.00	14.87 0.18 0.00	17.39 0.23 0.00	17.76 0.25 0.00	19.14 0.29 0.00	26.27 0.55 0.00	24.55 0.73 0.00	28.96 0.60 0.00	19.80 0.26 0.00	19.28 0.17 0.00	17.84 0.17 0.00	15.99 0.12 0.00	10.04 0.09 0.00	11.58 0.13 0.00	14.85 0.22 0.00	13.17 0.24 0.00	17.70 0.36 0.00	22.72 0.43 0.00	31.67 0.74 0.00	27.15 0.57 0.00	27.76 0.58 0.00	20.94 0.28 0.00	19.70 0.13 0.00
COOPERNY_115KV_TB1 80082	17.47 0.12 0.00	15.12 0.08 0.00	14.77 0.08 0.00	17.25 0.09 0.00	17.63 0.11 0.00	18.96 0.11 0.00	26.01 0.30 0.00	24.28 0.46 0.00	28.76 0.39 0.00	19.82 0.28 0.00	19.33 0.22 0.00	17.85 0.18 0.00	16.03 0.16 0.00	10.07 0.12 0.00	11.61 0.16 0.00	14.84 0.21 0.00	13.15 0.23 0.00	17.63 0.30 0.00	22.64 0.35 0.00	31.58 0.64 0.00	27.04 0.46 0.00	27.58 0.40 0.00	20.91 0.25 0.00	19.71 0.14 0.00
COPENHAGEN_WT_PWR 323753	17.29 -0.06 0.00	14.97 -0.07 0.00	14.55 -0.14 0.00	16.94 -0.22 0.00	17.28 -0.23 0.00	18.58 -0.27 0.00	25.12 -0.59 0.00	23.12 -0.69 0.00	27.89 -0.48 0.00	19.00 -0.54 0.00	18.35 -0.75 0.00	16.67 -1.00 0.00	14.99 -0.88 0.00	9.40 -0.55 0.00	10.61 -0.84 0.00	13.47 -1.16 0.00	11.74 -1.18 0.00	15.90 -1.44 0.00	21.07 -1.23 0.00	29.90 -1.04 0.00	25.52 -1.06 0.00	26.05 -1.12 0.00	19.61 -1.05 0.00	18.52 -1.06 0.00
CORNELL_____ 23752	17.49 0.14 0.00	15.15 0.10 0.00	14.80 0.10 0.00	17.31 0.15 0.00	17.64 0.13 0.00	19.03 0.19 0.00	25.99 0.28 0.00	24.30 0.48 0.00	28.75 0.38 0.00	19.75 0.21 0.00	19.21 0.11 0.00	17.74 0.07 0.00	15.99 0.12 0.00	9.99 0.05 0.00	11.45 0.00 0.00	14.67 0.04 0.00	12.97 0.04 0.00	17.43 0.10 0.00	22.50 0.21 0.00	31.37 0.43 0.00	26.88 0.30 0.00	27.47 0.30 0.00	20.90 0.24 0.00	19.91 0.33 0.00

CORONA__69_KV_TB1 355595	17.83 0.48 0.00	15.43 0.38 0.00	15.05 0.36 0.00	17.54 0.38 0.00	17.91 0.40 0.00	19.27 0.43 0.00	26.66 0.95 0.00	24.94 1.13 0.00	29.34 0.97 0.00	20.25 0.71 0.00	19.83 0.73 0.00	18.31 0.64 0.00	16.42 0.55 0.00	10.31 0.37 0.00	11.92 0.48 0.00	15.21 0.58 0.00	13.49 0.57 0.00	18.08 0.74 0.00	23.24 0.94 0.00	32.41 1.48 0.00	27.79 1.20 0.00	28.35 1.18 0.00	21.47 0.81 0.00	20.12 0.54 0.00
CORTLAND__115KV_TB3 80093	17.39 0.04 0.00	15.06 0.02 0.00	14.70 0.00 0.00	17.18 0.02 0.00	17.48 -0.03 0.00	18.85 0.00 0.00	25.75 0.04 0.00	24.07 0.26 0.00	28.52 0.15 0.00	19.61 0.06 0.00	19.12 0.02 0.00	17.67 0.01 0.00	15.91 0.04 0.00	9.96 0.01 0.00	11.41 -0.04 0.00	14.57 -0.06 0.00	12.88 -0.04 0.00	17.30 -0.03 0.00	22.32 0.02 0.00	31.11 0.17 0.00	26.66 0.07 0.00	27.25 0.07 0.00	20.73 0.08 0.00	19.73 0.16 0.00
COXSACKIE__GT 23611	18.52 1.18 0.00	16.07 1.03 0.00	15.69 0.99 0.00	18.36 1.20 0.00	18.77 1.26 0.00	20.34 1.49 0.00	27.93 2.22 0.00	25.95 2.13 0.00	30.58 2.21 0.00	20.64 1.10 0.00	19.90 0.80 0.00	18.26 0.60 0.00	16.26 0.39 0.00	10.17 0.22 0.00	11.68 0.23 0.00	15.09 0.46 0.00	13.33 0.41 0.00	18.13 0.79 0.00	23.44 1.15 0.00	32.82 1.89 0.00	28.08 1.49 0.00	28.66 1.48 0.00	21.58 0.92 0.00	20.32 0.75 0.00
CPV_VALLEY__CC1 323721	17.44 0.09 0.00	15.10 0.05 0.00	14.74 0.05 0.00	17.22 0.06 0.00	17.58 0.08 0.00	18.92 0.07 0.00	25.98 0.27 0.00	24.30 0.48 0.00	28.75 0.38 0.00	19.83 0.29 0.00	19.31 0.21 0.00	17.84 0.17 0.00	16.02 0.15 0.00	10.08 0.13 0.00	11.62 0.17 0.00	14.85 0.22 0.00	13.16 0.24 0.00	17.64 0.31 0.00	22.64 0.35 0.00	31.61 0.68 0.00	27.05 0.46 0.00	27.57 0.40 0.00	20.89 0.23 0.00	19.66 0.09 0.00
CPV_VALLEY__CC2 323722	17.44 0.09 0.00	15.10 0.05 0.00	14.74 0.05 0.00	17.22 0.06 0.00	17.58 0.08 0.00	18.92 0.07 0.00	25.98 0.27 0.00	24.30 0.48 0.00	28.75 0.38 0.00	19.83 0.29 0.00	19.31 0.21 0.00	17.84 0.17 0.00	16.02 0.15 0.00	10.08 0.13 0.00	11.62 0.17 0.00	14.85 0.22 0.00	13.16 0.24 0.00	17.64 0.31 0.00	22.64 0.35 0.00	31.61 0.68 0.00	27.05 0.46 0.00	27.57 0.40 0.00	20.89 0.23 0.00	19.66 0.09 0.00
CRESCENT__HYD 24018	17.52 0.17 0.00	15.24 0.19 0.00	14.87 0.18 0.00	17.39 0.23 0.00	17.76 0.25 0.00	19.14 0.29 0.00	26.27 0.55 0.00	24.55 0.73 0.00	28.96 0.60 0.00	19.80 0.26 0.00	19.28 0.17 0.00	17.84 0.17 0.00	15.99 0.12 0.00	10.04 0.09 0.00	11.58 0.13 0.00	14.85 0.22 0.00	13.17 0.24 0.00	17.70 0.36 0.00	22.72 0.43 0.00	31.67 0.74 0.00	27.15 0.57 0.00	27.76 0.58 0.00	20.94 0.28 0.00	19.70 0.13 0.00
CRICKET__VALLEY_CC1 323756	17.46 0.11 0.00	15.17 0.12 0.00	14.80 0.10 0.00	17.28 0.12 0.00	17.65 0.14 0.00	18.99 0.14 0.00	26.13 0.42 0.00	24.47 0.65 0.00	28.87 0.50 0.00	19.83 0.29 0.00	19.32 0.21 0.00	17.85 0.19 0.00	16.02 0.15 0.00	10.08 0.13 0.00	11.64 0.19 0.00	14.89 0.26 0.00	13.23 0.30 0.00	17.76 0.42 0.00	22.79 0.49 0.00	31.83 0.90 0.00	27.24 0.66 0.00	27.74 0.57 0.00	20.93 0.28 0.00	19.64 0.06 0.00
CRICKET__VALLEY_CC2 323757	17.46 0.11 0.00	15.17 0.12 0.00	14.80 0.10 0.00	17.28 0.12 0.00	17.65 0.14 0.00	18.99 0.14 0.00	26.13 0.42 0.00	24.47 0.65 0.00	28.87 0.50 0.00	19.83 0.29 0.00	19.32 0.21 0.00	17.85 0.19 0.00	16.02 0.15 0.00	10.08 0.13 0.00	11.64 0.19 0.00	14.89 0.26 0.00	13.23 0.30 0.00	17.76 0.42 0.00	22.79 0.49 0.00	31.83 0.90 0.00	27.24 0.66 0.00	27.74 0.57 0.00	20.93 0.28 0.00	19.64 0.06 0.00
CRICKET__VALLEY_CC3 323758	17.46 0.11 0.00	15.17 0.12 0.00	14.80 0.10 0.00	17.28 0.12 0.00	17.65 0.14 0.00	18.99 0.14 0.00	26.13 0.42 0.00	24.47 0.65 0.00	28.87 0.50 0.00	19.83 0.29 0.00	19.32 0.21 0.00	17.85 0.19 0.00	16.02 0.15 0.00	10.08 0.13 0.00	11.64 0.19 0.00	14.89 0.26 0.00	13.23 0.30 0.00	17.76 0.42 0.00	22.79 0.49 0.00	31.83 0.90 0.00	27.24 0.66 0.00	27.74 0.57 0.00	20.93 0.28 0.00	19.64 0.06 0.00
CRUCIBLE_METL_DRP 24180	17.22 -0.13 0.00	14.94 -0.11 0.00	14.58 -0.12 0.00	17.05 -0.10 0.00	17.40 -0.11 0.00	18.74 -0.11 0.00	25.51 -0.20 0.00	23.91 0.10 0.00	28.21 -0.16 0.00	19.45 -0.09 0.00	19.03 -0.08 0.00	17.59 -0.08 0.00	15.80 -0.07 0.00	9.89 -0.05 0.00	11.35 -0.09 0.00	14.50 -0.13 0.00	12.81 -0.11 0.00	17.20 -0.14 0.00	22.11 -0.18 0.00	30.71 -0.22 0.00	26.35 -0.24 0.00	26.94 -0.24 0.00	20.55 -0.11 0.00	19.62 0.04 0.00
DAHOWA__HYDRO 323763	17.75 0.40 0.00	15.45 0.40 0.00	15.08 0.39 0.00	17.65 0.48 0.00	18.03 0.52 0.00	19.47 0.63 0.00	26.77 1.06 0.00	25.02 1.21 0.00	29.45 1.08 0.00	20.01 0.46 0.00	19.40 0.30 0.00	17.97 0.31 0.00	16.07 0.20 0.00	10.09 0.14 0.00	11.66 0.21 0.00	14.96 0.33 0.00	13.32 0.40 0.00	17.95 0.62 0.00	23.09 0.80 0.00	32.20 1.27 0.00	27.66 1.07 0.00	28.18 1.00 0.00	21.19 0.54 0.00	19.94 0.37 0.00
DANC__LFGE 323619	17.15 -0.20 0.00	14.85 -0.20 0.00	14.45 -0.24 0.00	16.86 -0.30 0.00	17.21 -0.31 0.00	18.50 -0.34 0.00	25.08 -0.64 0.00	23.16 -0.65 0.00	27.76 -0.61 0.00	18.99 -0.55 0.00	18.42 -0.68 0.00	16.84 -0.82 0.00	15.14 -0.73 0.00	9.48 -0.46 0.00	10.79 -0.66 0.00	13.73 -0.90 0.00	12.03 -0.89 0.00	16.23 -1.10 0.00	21.26 -1.04 0.00	29.94 -1.00 0.00	25.61 -0.98 0.00	26.16 -1.01 0.00	19.80 -0.86 0.00	18.79 -0.79 0.00
DANSKAMMER__1 23586	17.73 0.38 0.00	15.35 0.31 0.00	14.99 0.29 0.00	17.50 0.34 0.00	17.88 0.37 0.00	19.25 0.41 0.00	26.51 0.80 0.00	24.82 1.00 0.00	29.32 0.96 0.00	20.17 0.63 0.00	19.63 0.53 0.00	18.12 0.45 0.00	16.27 0.40 0.00	10.23 0.28 0.00	11.80 0.35 0.00	15.09 0.46 0.00	13.41 0.49 0.00	17.99 0.65 0.00	23.12 0.82 0.00	32.30 1.37 0.00	27.63 1.05 0.00	28.14 0.97 0.00	21.27 0.61 0.00	19.98 0.40 0.00
DANSKAMMER__2 23589	17.73 0.38 0.00	15.35 0.31 0.00	14.99 0.29 0.00	17.50 0.34 0.00	17.88 0.37 0.00	19.25 0.41 0.00	26.51 0.80 0.00	24.82 1.00 0.00	29.32 0.96 0.00	20.17 0.63 0.00	19.63 0.53 0.00	18.12 0.45 0.00	16.27 0.40 0.00	10.23 0.28 0.00	11.80 0.35 0.00	15.09 0.46 0.00	13.41 0.49 0.00	17.99 0.65 0.00	23.12 0.82 0.00	32.30 1.37 0.00	27.63 1.05 0.00	28.14 0.97 0.00	21.27 0.61 0.00	19.98 0.40 0.00
DANSKAMMER__3 23590	17.73 0.38 0.00	15.35 0.31 0.00	14.99 0.29 0.00	17.50 0.34 0.00	17.88 0.37 0.00	19.25 0.41 0.00	26.51 0.80 0.00	24.82 1.00 0.00	29.32 0.96 0.00	20.17 0.63 0.00	19.63 0.53 0.00	18.12 0.45 0.00	16.27 0.40 0.00	10.23 0.28 0.00	11.80 0.35 0.00	15.09 0.46 0.00	13.41 0.49 0.00	17.99 0.65 0.00	23.12 0.82 0.00	32.30 1.37 0.00	27.63 1.05 0.00	28.14 0.97 0.00	21.27 0.61 0.00	19.98 0.40 0.00

DANSKAMMER___4 23591	17.73 0.38 0.00	15.35 0.31 0.00	14.99 0.29 0.00	17.50 0.34 0.00	17.88 0.37 0.00	19.25 0.41 0.00	26.51 0.80 0.00	24.82 1.00 0.00	29.32 0.96 0.00	20.17 0.63 0.00	19.63 0.53 0.00	18.12 0.45 0.00	16.27 0.40 0.00	10.23 0.28 0.00	11.80 0.35 0.00	15.09 0.46 0.00	13.41 0.49 0.00	17.99 0.65 0.00	23.12 0.82 0.00	32.30 1.37 0.00	27.63 1.05 0.00	28.14 0.97 0.00	21.27 0.61 0.00	19.98 0.40 0.00
DANSKAMMER___DIESEL 23592	17.73 0.38 0.00	15.35 0.31 0.00	14.99 0.29 0.00	17.50 0.34 0.00	17.89 0.38 0.00	19.25 0.41 0.00	26.51 0.79 0.00	24.82 1.00 0.00	29.32 0.95 0.00	20.17 0.63 0.00	19.63 0.53 0.00	18.12 0.45 0.00	16.27 0.40 0.00	10.23 0.28 0.00	11.80 0.35 0.00	15.09 0.46 0.00	13.41 0.49 0.00	17.99 0.65 0.00	23.12 0.82 0.00	32.30 1.37 0.00	27.63 1.05 0.00	28.14 0.96 0.00	21.27 0.61 0.00	19.98 0.40 0.00
DARBY___SOLAR 323810	17.71 0.36 0.00	15.41 0.37 0.00	15.04 0.35 0.00	17.60 0.44 0.00	17.98 0.47 0.00	19.41 0.56 0.00	26.66 0.95 0.00	24.91 1.10 0.00	29.33 0.96 0.00	19.95 0.41 0.00	19.36 0.25 0.00	17.92 0.26 0.00	16.03 0.16 0.00	10.07 0.12 0.00	11.63 0.19 0.00	14.92 0.30 0.00	13.29 0.37 0.00	17.90 0.57 0.00	23.03 0.73 0.00	32.10 1.17 0.00	27.56 0.97 0.00	28.10 0.92 0.00	21.14 0.49 0.00	19.90 0.33 0.00
DASHVILLE___HYD 23610	17.52 0.18 0.00	15.18 0.13 0.00	14.82 0.12 0.00	17.30 0.14 0.00	17.68 0.17 0.00	19.02 0.17 0.00	26.18 0.47 0.00	24.51 0.70 0.00	28.98 0.61 0.00	19.95 0.41 0.00	19.42 0.32 0.00	17.93 0.26 0.00	16.10 0.23 0.00	10.12 0.17 0.00	11.69 0.25 0.00	14.95 0.32 0.00	13.30 0.38 0.00	17.85 0.51 0.00	22.93 0.64 0.00	32.04 1.11 0.00	27.41 0.83 0.00	27.92 0.75 0.00	21.11 0.45 0.00	19.82 0.25 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	17.83 0.49 0.00	15.51 0.46 0.00	15.18 0.48 0.00	17.72 0.56 0.00	18.16 0.65 0.00	19.59 0.74 0.00	27.35 1.64 0.00	25.44 1.62 0.00	29.76 1.39 0.00	20.49 0.95 0.00	20.01 0.91 0.00	18.43 0.76 0.00	16.40 0.53 0.00	10.29 0.34 0.00	11.91 0.47 0.00	15.22 0.59 0.00	13.57 0.65 0.00	18.10 0.76 0.00	23.43 1.14 0.00	32.57 1.64 0.00	28.06 1.48 0.00	28.56 1.38 0.00	21.60 0.94 0.00	20.19 0.61 0.00
DELAWARE___LFGE 323621	17.59 0.24 0.00	15.25 0.20 0.00	14.88 0.19 0.00	17.39 0.23 0.00	17.75 0.24 0.00	19.13 0.28 0.00	26.16 0.45 0.00	24.35 0.54 0.00	28.87 0.50 0.00	19.89 0.35 0.00	19.43 0.33 0.00	17.94 0.28 0.00	16.12 0.25 0.00	10.12 0.17 0.00	11.63 0.18 0.00	14.87 0.24 0.00	13.15 0.22 0.00	17.64 0.30 0.00	22.68 0.39 0.00	31.59 0.66 0.00	27.07 0.49 0.00	27.61 0.43 0.00	20.96 0.30 0.00	19.83 0.26 0.00
DERFIELD_115KV_TB7 355931	17.31 -0.03 0.00	15.02 -0.03 0.00	14.68 -0.01 0.00	17.15 -0.01 0.00	17.51 0.00 0.00	18.85 0.00 0.00	25.73 0.01 0.00	23.88 0.07 0.00	28.38 0.02 0.00	19.53 -0.01 0.00	19.06 -0.04 0.00	17.64 -0.03 0.00	15.84 -0.03 0.00	9.93 -0.02 0.00	11.43 -0.01 0.00	14.62 -0.01 0.00	12.93 0.00 0.00	17.33 0.00 0.00	22.30 0.00 0.00	30.99 0.06 0.00	26.61 0.02 0.00	27.18 0.00 0.00	20.63 -0.03 0.00	19.52 -0.05 0.00
DOGLEVILLE___HYD 23807	16.96 -0.38 0.00	14.73 -0.31 0.00	14.39 -0.31 0.00	16.83 -0.34 0.00	17.20 -0.31 0.00	18.57 -0.28 0.00	25.52 -0.19 0.00	23.88 0.07 0.00	28.03 -0.34 0.00	19.04 -0.50 0.00	18.52 -0.59 0.00	17.16 -0.50 0.00	15.37 -0.50 0.00	9.64 -0.30 0.00	11.16 -0.28 0.00	14.34 -0.29 0.00	12.73 -0.20 0.00	17.11 -0.22 0.00	22.12 -0.18 0.00	30.95 0.02 0.00	26.48 -0.10 0.00	26.93 -0.24 0.00	20.28 -0.37 0.00	19.01 -0.57 0.00
DUNKIRK___115KV_TB_200 55889	16.05 -1.30 0.00	13.83 -1.22 0.00	13.62 -1.08 0.00	16.01 -1.15 0.00	16.25 -1.26 0.00	17.67 -1.17 0.00	23.82 -1.90 0.00	21.85 -1.96 0.00	26.03 -2.34 0.00	18.44 -1.11 0.00	18.21 -0.89 0.00	16.79 -0.88 0.00	15.23 -0.64 0.00	9.53 -0.42 0.00	10.99 -0.46 0.00	13.92 -0.71 0.00	12.21 -0.71 0.00	16.25 -1.08 0.00	20.82 -1.47 0.00	28.94 -1.99 0.00	24.83 -1.75 0.00	25.55 -1.63 0.00	19.67 -0.98 0.00	19.27 -0.31 0.00
DUNKIRK___1 23563	16.05 -1.30 0.00	13.83 -1.22 0.00	13.62 -1.08 0.00	16.01 -1.15 0.00	16.25 -1.26 0.00	17.67 -1.17 0.00	23.82 -1.90 0.00	21.85 -1.96 0.00	26.03 -2.34 0.00	18.44 -1.11 0.00	18.21 -0.89 0.00	16.79 -0.88 0.00	15.23 -0.64 0.00	9.53 -0.42 0.00	10.99 -0.46 0.00	13.92 -0.71 0.00	12.21 -0.71 0.00	16.25 -1.08 0.00	20.82 -1.47 0.00	28.94 -1.99 0.00	24.83 -1.75 0.00	25.55 -1.63 0.00	19.67 -0.98 0.00	19.27 -0.31 0.00
DUNKIRK___2 23564	16.05 -1.30 0.00	13.83 -1.22 0.00	13.62 -1.08 0.00	16.01 -1.15 0.00	16.25 -1.26 0.00	17.67 -1.17 0.00	23.82 -1.90 0.00	21.85 -1.96 0.00	26.03 -2.34 0.00	18.44 -1.11 0.00	18.21 -0.89 0.00	16.79 -0.88 0.00	15.23 -0.64 0.00	9.53 -0.42 0.00	10.99 -0.46 0.00	13.92 -0.71 0.00	12.21 -0.71 0.00	16.25 -1.08 0.00	20.82 -1.47 0.00	28.94 -1.99 0.00	24.83 -1.75 0.00	25.55 -1.63 0.00	19.67 -0.98 0.00	19.27 -0.31 0.00
DUNKIRK___3 23565	16.08 -1.27 0.00	13.86 -1.18 0.00	13.63 -1.07 0.00	16.02 -1.14 0.00	16.27 -1.24 0.00	17.67 -1.18 0.00	23.80 -1.91 0.00	21.86 -1.95 0.00	26.04 -2.33 0.00	18.42 -1.12 0.00	18.19 -0.92 0.00	16.78 -0.88 0.00	15.21 -0.66 0.00	9.52 -0.43 0.00	10.98 -0.46 0.00	13.91 -0.72 0.00	12.21 -0.72 0.00	16.24 -1.09 0.00	20.82 -1.48 0.00	28.92 -2.01 0.00	24.81 -1.78 0.00	25.53 -1.65 0.00	19.65 -1.00 0.00	19.21 -0.36 0.00
DUNKIRK___4 23566	16.08 -1.27 0.00	13.86 -1.18 0.00	13.63 -1.07 0.00	16.02 -1.14 0.00	16.27 -1.24 0.00	17.67 -1.18 0.00	23.80 -1.91 0.00	21.86 -1.95 0.00	26.04 -2.33 0.00	18.42 -1.12 0.00	18.19 -0.92 0.00	16.78 -0.88 0.00	15.21 -0.66 0.00	9.52 -0.43 0.00	10.98 -0.46 0.00	13.91 -0.72 0.00	12.21 -0.72 0.00	16.24 -1.09 0.00	20.82 -1.48 0.00	28.92 -2.01 0.00	24.81 -1.78 0.00	25.53 -1.65 0.00	19.65 -1.00 0.00	19.21 -0.36 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	17.65 0.31 0.00	15.29 0.24 0.00	14.92 0.23 0.00	17.39 0.23 0.00	17.77 0.26 0.00	19.10 0.25 0.00	26.31 0.59 0.00	24.65 0.84 0.00	29.15 0.78 0.00	20.13 0.59 0.00	19.63 0.53 0.00	18.13 0.47 0.00	16.30 0.42 0.00	10.25 0.30 0.00	11.83 0.38 0.00	15.11 0.48 0.00	13.40 0.48 0.00	17.94 0.60 0.00	23.01 0.72 0.00	32.15 1.22 0.00	27.48 0.90 0.00	28.00 0.82 0.00	21.17 0.52 0.00	19.88 0.30 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	17.62 0.27 0.00	15.25 0.21 0.00	14.90 0.20 0.00	17.39 0.23 0.00	17.78 0.27 0.00	19.13 0.28 0.00	26.31 0.60 0.00	24.63 0.81 0.00	29.11 0.74 0.00	20.05 0.50 0.00	19.51 0.41 0.00	18.01 0.34 0.00	16.17 0.30 0.00	10.17 0.22 0.00	11.73 0.28 0.00	14.99 0.37 0.00	13.31 0.38 0.00	17.85 0.51 0.00	22.94 0.64 0.00	32.06 1.13 0.00	27.43 0.84 0.00	27.94 0.76 0.00	21.14 0.48 0.00	19.87 0.30 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	17.59 0.25 0.00	15.23 0.18 0.00	14.86 0.17 0.00	17.40 0.24 0.00	17.79 0.28 0.00	19.10 0.25 0.00	26.32 0.61 0.00	24.73 0.91 0.00	29.15 0.78 0.00	20.15 0.61 0.00	19.65 0.55 0.00	18.15 0.49 0.00	16.34 0.47 0.00	10.26 0.31 0.00	11.85 0.40 0.00	15.12 0.49 0.00	13.41 0.49 0.00	17.93 0.59 0.00	22.96 0.67 0.00	32.14 1.21 0.00	27.47 0.89 0.00	27.96 0.78 0.00	21.15 0.50 0.00	19.85 0.28 0.00
E179THST_13_KV_LOAD 356214	17.67 0.32 0.00	15.29 0.24 0.00	14.92 0.22 0.00	17.46 0.30 0.00	17.86 0.35 0.00	19.17 0.32 0.00	26.42 0.71 0.00	24.83 1.02 0.00	29.29 0.91 0.00	20.24 0.70 0.00	19.75 0.65 0.00	18.24 0.57 0.00	16.42 0.55 0.00	10.31 0.36 0.00	11.90 0.46 0.00	15.19 0.56 0.00	13.47 0.55 0.00	18.02 0.68 0.00	23.08 0.78 0.00	32.30 1.37 0.00	27.60 1.02 0.00	28.09 0.91 0.00	21.26 0.60 0.00	19.94 0.37 0.00
EAST HAMPTON___GT 23717	17.84 0.49 0.00	15.55 0.51 0.00	15.27 0.57 0.00	17.84 0.68 0.00	18.29 0.78 0.00	19.76 0.91 0.00	27.58 1.86 0.00	25.67 1.86 0.00	30.04 1.67 0.00	20.68 1.14 0.00	20.18 1.07 0.00	18.57 0.90 0.00	16.52 0.65 0.00	10.36 0.41 0.00	12.00 0.55 0.00	15.33 0.70 0.00	13.68 0.75 0.00	18.26 0.93 0.00	23.63 1.34 0.00	32.88 1.95 0.00	28.26 1.67 0.00	28.73 1.55 0.00	21.71 1.05 0.00	20.26 0.69 0.00
EAST RIVER___6 23660	17.62 0.28 0.00	15.25 0.21 0.00	14.89 0.20 0.00	17.38 0.22 0.00	17.73 0.22 0.00	19.08 0.23 0.00	26.33 0.62 0.00	24.68 0.86 0.00	29.18 0.81 0.00	20.19 0.65 0.00	19.69 0.59 0.00	18.20 0.54 0.00	16.38 0.51 0.00	10.31 0.36 0.00	11.90 0.45 0.00	15.19 0.56 0.00	13.47 0.55 0.00	18.01 0.67 0.00	23.07 0.77 0.00	32.22 1.29 0.00	27.51 0.92 0.00	27.99 0.82 0.00	21.17 0.52 0.00	19.84 0.27 0.00
EAST RIVER___7 23524	17.62 0.28 0.00	15.25 0.21 0.00	14.89 0.20 0.00	17.38 0.22 0.00	17.73 0.22 0.00	19.08 0.23 0.00	26.33 0.62 0.00	24.68 0.86 0.00	29.18 0.81 0.00	20.19 0.65 0.00	19.69 0.59 0.00	18.20 0.54 0.00	16.38 0.51 0.00	10.31 0.36 0.00	11.90 0.45 0.00	15.19 0.56 0.00	13.47 0.55 0.00	18.01 0.67 0.00	23.07 0.77 0.00	32.22 1.29 0.00	27.51 0.92 0.00	27.99 0.82 0.00	21.17 0.52 0.00	19.84 0.27 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	17.63 0.28 0.00	15.26 0.21 0.00	14.90 0.20 0.00	17.38 0.22 0.00	17.77 0.25 0.00	19.10 0.25 0.00	26.29 0.58 0.00	24.64 0.82 0.00	29.12 0.76 0.00	20.10 0.56 0.00	19.60 0.50 0.00	18.11 0.44 0.00	16.27 0.39 0.00	10.23 0.28 0.00	11.80 0.36 0.00	15.08 0.45 0.00	13.38 0.45 0.00	17.91 0.57 0.00	22.98 0.68 0.00	32.11 1.18 0.00	27.45 0.86 0.00	27.96 0.79 0.00	21.15 0.49 0.00	19.86 0.29 0.00
EAST_HAMPTON___DIESEL 23722	17.82 0.47 0.00	15.54 0.50 0.00	15.26 0.57 0.00	17.84 0.68 0.00	18.29 0.78 0.00	19.76 0.91 0.00	27.57 1.86 0.00	25.67 1.85 0.00	30.04 1.67 0.00	20.68 1.14 0.00	20.18 1.07 0.00	18.57 0.90 0.00	16.52 0.65 0.00	10.36 0.41 0.00	12.00 0.55 0.00	15.33 0.70 0.00	13.68 0.75 0.00	18.26 0.93 0.00	23.63 1.34 0.00	32.87 1.94 0.00	28.25 1.66 0.00	28.72 1.54 0.00	21.69 1.04 0.00	20.25 0.68 0.00
EAST_PULASKI___ESR 323781	17.07 -0.28 0.00	14.79 -0.26 0.00	14.42 -0.27 0.00	16.85 -0.32 0.00	17.20 -0.31 0.00	18.50 -0.35 0.00	25.12 -0.60 0.00	23.27 -0.55 0.00	27.72 -0.65 0.00	19.04 -0.50 0.00	18.56 -0.55 0.00	17.07 -0.60 0.00	15.33 -0.54 0.00	9.60 -0.34 0.00	10.99 -0.45 0.00	14.01 -0.62 0.00	12.34 -0.58 0.00	16.61 -0.73 0.00	21.50 -0.79 0.00	30.05 -0.88 0.00	25.77 -0.81 0.00	26.33 -0.84 0.00	20.04 -0.61 0.00	19.09 -0.48 0.00
EAST_RIVER___1 323558	17.63 0.28 0.00	15.26 0.22 0.00	14.90 0.21 0.00	17.40 0.24 0.00	17.74 0.23 0.00	19.09 0.24 0.00	26.30 0.59 0.00	24.67 0.86 0.00	29.17 0.80 0.00	20.18 0.64 0.00	19.68 0.57 0.00	18.19 0.52 0.00	16.37 0.49 0.00	10.30 0.35 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.99 0.65 0.00	23.04 0.74 0.00	32.20 1.27 0.00	27.50 0.91 0.00	28.00 0.82 0.00	21.17 0.51 0.00	19.85 0.27 0.00
EAST_RIVER___2 323559	17.62 0.28 0.00	15.25 0.21 0.00	14.89 0.20 0.00	17.38 0.22 0.00	17.73 0.22 0.00	19.08 0.23 0.00	26.33 0.62 0.00	24.68 0.86 0.00	29.18 0.81 0.00	20.19 0.65 0.00	19.69 0.59 0.00	18.20 0.54 0.00	16.38 0.51 0.00	10.31 0.36 0.00	11.90 0.45 0.00	15.19 0.56 0.00	13.47 0.55 0.00	18.01 0.67 0.00	23.07 0.77 0.00	32.22 1.29 0.00	27.51 0.92 0.00	27.99 0.82 0.00	21.17 0.52 0.00	19.84 0.27 0.00
EAST___DELAWARE_HYD 23607	17.92 0.57 0.00	15.64 0.59 0.00	15.28 0.59 0.00	17.86 0.70 0.00	18.25 0.74 0.00	19.68 0.83 0.00	27.09 1.38 0.00	25.33 1.51 0.00	29.93 1.56 0.00	20.56 1.02 0.00	20.01 0.90 0.00	18.41 0.74 0.00	16.51 0.64 0.00	10.38 0.43 0.00	11.98 0.53 0.00	15.33 0.70 0.00	13.65 0.72 0.00	18.35 1.01 0.00	23.64 1.34 0.00	33.02 2.09 0.00	28.25 1.67 0.00	28.75 1.58 0.00	21.75 1.09 0.00	20.47 0.89 0.00
EIGHT_POINT___WT_PWR 323820	16.14 -1.21 0.00	14.24 -0.80 0.00	13.36 -1.33 0.00	15.96 -1.20 0.00	16.52 -0.99 0.00	17.56 -1.29 0.00	24.26 -1.45 0.00	22.49 -1.33 0.00	26.50 -1.86 0.00	18.74 -0.80 0.00	18.59 -0.51 0.00	17.27 -0.40 0.00	15.50 -0.37 0.00	9.55 -0.40 0.00	10.85 -0.60 0.00	13.84 -0.79 0.00	12.21 -0.71 0.00	16.44 -0.89 0.00	21.43 -0.87 0.00	30.36 -0.57 0.00	26.07 -0.52 0.00	26.53 -0.65 0.00	20.43 -0.22 0.00	19.67 0.09 0.00
ELBRIDGE_115KV_TB2 80188	17.13 -0.22 0.00	14.86 -0.18 0.00	14.51 -0.18 0.00	16.98 -0.18 0.00	17.31 -0.20 0.00	18.65 -0.20 0.00	25.41 -0.31 0.00	23.94 0.13 0.00	28.12 -0.25 0.00	19.43 -0.11 0.00	18.99 -0.11 0.00	17.54 -0.12 0.00	15.76 -0.11 0.00	9.87 -0.08 0.00	11.32 -0.13 0.00	14.46 -0.16 0.00	12.78 -0.15 0.00	17.15 -0.18 0.00	22.05 -0.25 0.00	30.62 -0.31 0.00	26.27 -0.32 0.00	26.88 -0.30 0.00	20.50 -0.16 0.00	19.58 0.01 0.00
ELEC_TRO_TEK 24086	17.76 0.42 0.00	15.38 0.33 0.00	15.00 0.31 0.00	17.49 0.33 0.00	17.87 0.36 0.00	19.22 0.37 0.00	26.59 0.87 0.00	24.86 1.04 0.00	29.26 0.89 0.00	20.20 0.66 0.00	19.76 0.66 0.00	18.24 0.58 0.00	16.36 0.48 0.00	10.27 0.33 0.00	11.87 0.43 0.00	15.16 0.53 0.00	13.44 0.52 0.00	18.00 0.67 0.00	23.13 0.84 0.00	32.27 1.34 0.00	27.66 1.07 0.00	28.22 1.04 0.00	21.36 0.71 0.00	20.02 0.45 0.00
ELLENBURG_WT_PWR 323604	17.86 0.52 0.00	15.51 0.47 0.00	15.07 0.38 0.00	17.47 0.31 0.00	17.61 0.10 0.00	18.95 0.10 0.00	25.97 0.26 0.00	24.10 0.28 0.00	28.73 0.36 0.00	19.96 0.42 0.00	19.52 0.41 0.00	18.12 0.46 0.00	16.31 0.44 0.00	10.19 0.24 0.00	11.73 0.28 0.00	14.94 0.31 0.00	13.15 0.23 0.00	17.67 0.34 0.00	22.81 0.52 0.00	31.59 0.65 0.00	27.30 0.72 0.00	27.99 0.81 0.00	21.28 0.63 0.00	20.17 0.60 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	16.01 -1.34 0.00	13.83 -1.22 0.00	13.58 -1.12 0.00	15.91 -1.25 0.00	16.20 -1.32 0.00	17.55 -1.30 0.00	23.55 -2.16 0.00	21.59 -2.22 0.00	25.81 -2.56 0.00	18.19 -1.35 0.00	17.97 -1.13 0.00	16.58 -1.09 0.00	15.01 -0.86 0.00	9.39 -0.56 0.00	10.88 -0.57 0.00	13.75 -0.88 0.00	12.06 -0.86 0.00	16.03 -1.31 0.00	20.55 -1.74 0.00	28.47 -2.46 0.00	24.45 -2.14 0.00	25.11 -2.07 0.00	19.35 -1.30 0.00	18.98 -0.59 0.00
EMPIRE_CC_1 323656	17.38 0.03 0.00	15.11 0.07 0.00	14.75 0.06 0.00	17.25 0.09 0.00	17.59 0.08 0.00	18.93 0.09 0.00	25.91 0.19 0.00	24.23 0.41 0.00	28.60 0.23 0.00	19.59 0.05 0.00	19.12 0.02 0.00	17.72 0.05 0.00	15.88 0.01 0.00	9.98 0.03 0.00	11.50 0.05 0.00	14.74 0.11 0.00	13.07 0.14 0.00	17.52 0.19 0.00	22.41 0.11 0.00	31.23 0.30 0.00	26.77 0.18 0.00	27.39 0.21 0.00	20.74 0.08 0.00	19.50 -0.07 0.00
EMPIRE_CC_2 323658	17.38 0.03 0.00	15.11 0.07 0.00	14.75 0.06 0.00	17.25 0.09 0.00	17.59 0.08 0.00	18.93 0.09 0.00	25.91 0.19 0.00	24.23 0.41 0.00	28.60 0.23 0.00	19.59 0.05 0.00	19.12 0.02 0.00	17.72 0.05 0.00	15.88 0.01 0.00	9.98 0.03 0.00	11.50 0.05 0.00	14.74 0.11 0.00	13.07 0.14 0.00	17.52 0.19 0.00	22.41 0.11 0.00	31.23 0.30 0.00	26.77 0.18 0.00	27.39 0.21 0.00	20.74 0.08 0.00	19.50 -0.07 0.00
ENORWICH_115KV_TB1 80156	18.49 1.14 0.00	16.02 0.98 0.00	15.62 0.93 0.00	18.22 1.07 0.00	18.55 1.04 0.00	20.08 1.24 0.00	27.49 1.78 0.00	25.82 2.00 0.00	30.46 2.09 0.00	20.70 1.16 0.00	20.04 0.93 0.00	18.44 0.78 0.00	16.68 0.81 0.00	10.46 0.51 0.00	11.89 0.44 0.00	15.13 0.51 0.00	13.45 0.53 0.00	18.20 0.87 0.00	23.74 1.44 0.00	33.11 2.18 0.00	28.38 1.79 0.00	28.78 1.61 0.00	21.84 1.18 0.00	20.73 1.15 0.00
ERIE_ST__34_KV_TB1-2 80199	16.47 -0.88 0.00	14.22 -0.82 0.00	13.95 -0.74 0.00	16.35 -0.81 0.00	16.66 -0.85 0.00	18.03 -0.82 0.00	24.25 -1.47 0.00	22.26 -1.55 0.00	26.59 -1.77 0.00	18.75 -0.79 0.00	18.49 -0.61 0.00	17.08 -0.58 0.00	15.46 -0.41 0.00	9.67 -0.27 0.00	11.20 -0.25 0.00	14.17 -0.46 0.00	12.43 -0.49 0.00	16.54 -0.79 0.00	21.23 -1.07 0.00	29.39 -1.54 0.00	25.25 -1.34 0.00	25.95 -1.23 0.00	19.98 -0.68 0.00	19.51 -0.07 0.00
ERIE_WT_PWR 323693	16.13 -1.22 0.00	13.92 -1.13 0.00	13.65 -1.04 0.00	16.01 -1.15 0.00	16.36 -1.15 0.00	17.66 -1.18 0.00	23.75 -1.96 0.00	21.77 -2.05 0.00	26.01 -2.36 0.00	18.34 -1.20 0.00	18.11 -0.99 0.00	16.72 -0.95 0.00	15.13 -0.74 0.00	9.46 -0.49 0.00	10.95 -0.49 0.00	13.85 -0.78 0.00	12.14 -0.78 0.00	16.16 -1.18 0.00	20.72 -1.57 0.00	28.72 -2.21 0.00	24.69 -1.90 0.00	25.38 -1.80 0.00	19.56 -1.10 0.00	19.17 -0.41 0.00
ESPRGFLD_115KV_TB1 80157	18.18 0.83 0.00	15.74 0.69 0.00	15.37 0.68 0.00	17.94 0.78 0.00	18.30 0.79 0.00	19.73 0.89 0.00	26.84 1.13 0.00	24.78 0.96 0.00	29.48 1.11 0.00	20.40 0.86 0.00	19.99 0.89 0.00	18.46 0.80 0.00	16.62 0.75 0.00	10.43 0.48 0.00	11.95 0.51 0.00	15.22 0.60 0.00	13.46 0.53 0.00	18.06 0.72 0.00	23.35 1.06 0.00	32.49 1.56 0.00	27.81 1.22 0.00	28.31 1.13 0.00	21.59 0.93 0.00	20.54 0.97 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	17.47 0.12 0.00	15.13 0.09 0.00	14.78 0.08 0.00	17.28 0.12 0.00	17.62 0.11 0.00	19.01 0.17 0.00	25.96 0.25 0.00	24.27 0.45 0.00	28.70 0.33 0.00	19.72 0.18 0.00	19.19 0.09 0.00	17.72 0.05 0.00	15.97 0.10 0.00	9.98 0.04 0.00	11.44 -0.01 0.00	14.65 0.02 0.00	12.95 0.03 0.00	17.41 0.08 0.00	22.47 0.18 0.00	31.31 0.38 0.00	26.84 0.25 0.00	27.43 0.25 0.00	20.88 0.22 0.00	19.87 0.30 0.00
ETNA____115KV_TB2 80207	17.47 0.12 0.00	15.13 0.09 0.00	14.78 0.08 0.00	17.28 0.12 0.00	17.62 0.11 0.00	19.01 0.17 0.00	25.96 0.25 0.00	24.27 0.45 0.00	28.70 0.33 0.00	19.72 0.18 0.00	19.19 0.09 0.00	17.72 0.05 0.00	15.97 0.10 0.00	9.98 0.04 0.00	11.44 -0.01 0.00	14.65 0.02 0.00	12.95 0.03 0.00	17.41 0.08 0.00	22.47 0.18 0.00	31.31 0.38 0.00	26.84 0.25 0.00	27.43 0.25 0.00	20.88 0.22 0.00	19.87 0.30 0.00
EUCLID___115KV_TB2 356179	17.03 -0.32 0.00	14.76 -0.29 0.00	14.40 -0.29 0.00	16.84 -0.32 0.00	17.19 -0.32 0.00	18.50 -0.35 0.00	25.13 -0.58 0.00	23.38 -0.44 0.00	27.75 -0.62 0.00	19.13 -0.41 0.00	18.71 -0.39 0.00	17.31 -0.36 0.00	15.57 -0.30 0.00	9.75 -0.20 0.00	11.20 -0.24 0.00	14.30 -0.33 0.00	12.62 -0.30 0.00	16.93 -0.41 0.00	21.75 -0.54 0.00	30.22 -0.72 0.00	25.92 -0.66 0.00	26.50 -0.68 0.00	20.23 -0.43 0.00	19.33 -0.24 0.00
E_CANADA_CAP_HY 24051	18.36 1.02 0.00	15.91 0.86 0.00	15.54 0.84 0.00	18.13 0.97 0.00	18.51 1.00 0.00	19.94 1.09 0.00	27.08 1.37 0.00	24.91 1.10 0.00	29.66 1.29 0.00	20.50 0.96 0.00	20.10 0.99 0.00	18.57 0.90 0.00	16.70 0.83 0.00	10.47 0.52 0.00	12.02 0.57 0.00	15.32 0.69 0.00	13.54 0.61 0.00	18.18 0.84 0.00	23.57 1.28 0.00	32.79 1.86 0.00	28.06 1.48 0.00	28.55 1.37 0.00	21.80 1.15 0.00	20.75 1.18 0.00
E_CANADA_MHWK_HY 24050	16.96 -0.38 0.00	14.73 -0.31 0.00	14.39 -0.31 0.00	16.83 -0.34 0.00	17.20 -0.31 0.00	18.57 -0.28 0.00	25.52 -0.19 0.00	23.88 0.07 0.00	28.03 -0.34 0.00	19.04 -0.50 0.00	18.52 -0.59 0.00	17.16 -0.50 0.00	15.37 -0.50 0.00	9.64 -0.30 0.00	11.16 -0.28 0.00	14.34 -0.29 0.00	12.73 -0.20 0.00	17.11 -0.22 0.00	22.12 -0.18 0.00	30.95 0.02 0.00	26.48 -0.10 0.00	26.93 -0.24 0.00	20.28 -0.37 0.00	19.01 -0.57 0.00
E_FISHKILL___LBMP 23776	17.55 0.20 0.00	15.21 0.16 0.00	14.85 0.16 0.00	17.34 0.17 0.00	17.71 0.20 0.00	19.04 0.20 0.00	26.20 0.48 0.00	24.53 0.71 0.00	28.99 0.62 0.00	19.97 0.42 0.00	19.46 0.35 0.00	17.98 0.31 0.00	16.14 0.27 0.00	10.15 0.20 0.00	11.71 0.26 0.00	14.98 0.35 0.00	13.28 0.36 0.00	17.81 0.47 0.00	22.85 0.56 0.00	31.91 0.98 0.00	27.30 0.71 0.00	27.82 0.65 0.00	21.03 0.38 0.00	19.76 0.18 0.00
FALCON___SEABRD_CC1 323796	17.98 0.63 0.00	15.62 0.58 0.00	15.19 0.49 0.00	17.62 0.46 0.00	17.75 0.24 0.00	19.08 0.23 0.00	26.17 0.46 0.00	24.32 0.50 0.00	28.91 0.54 0.00	20.07 0.53 0.00	19.60 0.50 0.00	18.22 0.55 0.00	16.42 0.54 0.00	10.26 0.31 0.00	11.81 0.36 0.00	15.03 0.40 0.00	13.25 0.33 0.00	17.82 0.49 0.00	23.01 0.71 0.00	31.87 0.94 0.00	27.55 0.96 0.00	28.29 1.12 0.00	21.52 0.86 0.00	20.40 0.82 0.00
FALCON___SEABRD_CC2 323797	17.98 0.63 0.00	15.62 0.58 0.00	15.19 0.49 0.00	17.62 0.46 0.00	17.75 0.24 0.00	19.08 0.23 0.00	26.17 0.46 0.00	24.32 0.50 0.00	28.91 0.54 0.00	20.07 0.53 0.00	19.60 0.50 0.00	18.22 0.55 0.00	16.42 0.54 0.00	10.26 0.31 0.00	11.81 0.36 0.00	15.03 0.40 0.00	13.25 0.33 0.00	17.82 0.49 0.00	23.01 0.71 0.00	31.87 0.94 0.00	27.55 0.96 0.00	28.29 1.12 0.00	21.52 0.86 0.00	20.40 0.82 0.00

FAR ROCKAWAY___4 23548	17.94 0.59 0.00	15.51 0.47 0.00	15.14 0.44 0.00	17.64 0.48 0.00	18.02 0.51 0.00	19.39 0.55 0.00	26.84 1.13 0.00	25.12 1.30 0.00	29.53 1.16 0.00	20.39 0.84 0.00	19.96 0.86 0.00	18.43 0.76 0.00	16.53 0.66 0.00	10.38 0.43 0.00	12.01 0.56 0.00	15.31 0.68 0.00	13.59 0.66 0.00	18.20 0.87 0.00	23.41 1.12 0.00	32.67 1.74 0.00	28.00 1.42 0.00	28.56 1.38 0.00	21.62 0.96 0.00	20.25 0.68 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	17.64 0.30 0.00	15.27 0.23 0.00	14.91 0.21 0.00	17.41 0.25 0.00	17.78 0.27 0.00	19.10 0.25 0.00	26.32 0.60 0.00	24.69 0.88 0.00	29.18 0.81 0.00	20.19 0.65 0.00	19.69 0.59 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.36 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.46 0.54 0.00	18.00 0.66 0.00	23.05 0.76 0.00	32.22 1.28 0.00	27.52 0.93 0.00	28.01 0.84 0.00	21.19 0.53 0.00	19.86 0.29 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	17.65 0.31 0.00	15.29 0.24 0.00	14.92 0.22 0.00	17.41 0.26 0.00	17.78 0.28 0.00	19.11 0.27 0.00	26.33 0.62 0.00	24.71 0.89 0.00	29.20 0.83 0.00	20.20 0.66 0.00	19.70 0.60 0.00	18.20 0.54 0.00	16.38 0.51 0.00	10.30 0.36 0.00	11.89 0.45 0.00	15.18 0.55 0.00	13.46 0.54 0.00	18.00 0.67 0.00	23.06 0.77 0.00	32.23 1.30 0.00	27.53 0.95 0.00	28.03 0.85 0.00	21.20 0.54 0.00	19.88 0.30 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	17.64 0.29 0.00	15.27 0.23 0.00	14.91 0.21 0.00	17.41 0.24 0.00	17.77 0.26 0.00	19.10 0.25 0.00	26.31 0.59 0.00	24.69 0.87 0.00	29.17 0.80 0.00	20.18 0.64 0.00	19.68 0.58 0.00	18.19 0.52 0.00	16.37 0.49 0.00	10.30 0.35 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.99 0.65 0.00	23.04 0.75 0.00	32.20 1.27 0.00	27.50 0.92 0.00	28.00 0.82 0.00	21.17 0.52 0.00	19.86 0.29 0.00
FARRAGUT___LBMP 323566	17.63 0.28 0.00	15.26 0.22 0.00	14.89 0.20 0.00	17.40 0.24 0.00	17.76 0.25 0.00	19.08 0.23 0.00	26.29 0.58 0.00	24.66 0.85 0.00	29.14 0.78 0.00	20.16 0.62 0.00	19.66 0.56 0.00	18.17 0.51 0.00	16.35 0.48 0.00	10.28 0.34 0.00	11.87 0.43 0.00	15.16 0.53 0.00	13.44 0.52 0.00	17.97 0.64 0.00	23.02 0.73 0.00	32.18 1.25 0.00	27.48 0.90 0.00	27.98 0.81 0.00	21.17 0.51 0.00	19.84 0.27 0.00
FENNER___WINDPWR 24204	17.66 0.31 0.00	15.29 0.24 0.00	14.89 0.20 0.00	17.32 0.16 0.00	17.46 -0.05 0.00	18.83 -0.02 0.00	25.88 0.17 0.00	24.32 0.51 0.00	28.87 0.50 0.00	19.80 0.26 0.00	19.34 0.24 0.00	17.90 0.24 0.00	16.07 0.20 0.00	10.05 0.10 0.00	11.48 0.04 0.00	14.66 0.03 0.00	12.96 0.04 0.00	17.45 0.11 0.00	22.55 0.26 0.00	31.41 0.48 0.00	26.93 0.34 0.00	27.50 0.32 0.00	20.89 0.23 0.00	19.82 0.25 0.00
FIBERTEK___ENERGY 23856	17.22 -0.13 0.00	14.94 -0.11 0.00	14.58 -0.12 0.00	17.05 -0.10 0.00	17.40 -0.11 0.00	18.74 -0.11 0.00	25.51 -0.20 0.00	23.91 0.10 0.00	28.21 -0.16 0.00	19.45 -0.09 0.00	19.03 -0.08 0.00	17.59 -0.08 0.00	15.80 -0.07 0.00	9.89 -0.05 0.00	11.35 -0.09 0.00	14.50 -0.13 0.00	12.81 -0.11 0.00	17.20 -0.14 0.00	22.11 -0.18 0.00	30.71 -0.22 0.00	26.35 -0.24 0.00	26.94 -0.24 0.00	20.55 -0.11 0.00	19.62 0.04 0.00
FITZPATRICK___ 23598	16.90 -0.45 0.00	14.65 -0.39 0.00	14.31 -0.38 0.00	16.73 -0.43 0.00	17.07 -0.44 0.00	18.35 -0.49 0.00	24.91 -0.81 0.00	23.10 -0.72 0.00	27.47 -0.90 0.00	18.95 -0.59 0.00	18.53 -0.57 0.00	17.15 -0.52 0.00	15.42 -0.46 0.00	9.65 -0.29 0.00	11.10 -0.34 0.00	14.17 -0.46 0.00	12.51 -0.41 0.00	16.77 -0.57 0.00	21.52 -0.77 0.00	29.87 -1.06 0.00	25.65 -0.94 0.00	26.21 -0.96 0.00	20.03 -0.63 0.00	19.14 -0.44 0.00
FLOWRFLD_69_KV_BK1 356044	17.82 0.48 0.00	15.44 0.39 0.00	15.06 0.37 0.00	17.56 0.41 0.00	17.97 0.46 0.00	19.35 0.50 0.00	26.88 1.17 0.00	25.01 1.19 0.00	29.25 0.88 0.00	20.16 0.62 0.00	19.73 0.63 0.00	18.20 0.53 0.00	16.23 0.36 0.00	10.19 0.24 0.00	11.79 0.34 0.00	15.06 0.43 0.00	13.39 0.47 0.00	17.94 0.61 0.00	23.16 0.87 0.00	32.22 1.28 0.00	27.77 1.19 0.00	28.38 1.21 0.00	21.48 0.82 0.00	20.10 0.53 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	17.75 0.40 0.00	15.38 0.33 0.00	15.01 0.32 0.00	17.53 0.37 0.00	17.92 0.40 0.00	19.28 0.43 0.00	26.55 0.84 0.00	24.86 1.05 0.00	29.38 1.01 0.00	20.21 0.67 0.00	19.66 0.56 0.00	18.15 0.48 0.00	16.30 0.43 0.00	10.24 0.30 0.00	11.82 0.37 0.00	15.12 0.49 0.00	13.43 0.51 0.00	18.02 0.69 0.00	23.16 0.86 0.00	32.36 1.43 0.00	27.68 1.10 0.00	28.19 1.02 0.00	21.30 0.65 0.00	20.01 0.43 0.00
FORT ORANGE___ 23900	17.62 0.28 0.00	15.31 0.26 0.00	14.94 0.25 0.00	17.47 0.30 0.00	17.83 0.32 0.00	19.21 0.37 0.00	26.37 0.66 0.00	24.70 0.89 0.00	29.17 0.80 0.00	19.94 0.40 0.00	19.42 0.32 0.00	17.94 0.27 0.00	16.05 0.18 0.00	10.06 0.12 0.00	11.58 0.13 0.00	14.84 0.21 0.00	13.14 0.21 0.00	17.66 0.33 0.00	22.69 0.40 0.00	31.66 0.73 0.00	27.12 0.53 0.00	27.72 0.54 0.00	20.94 0.29 0.00	19.73 0.15 0.00
FORT_DRUM_COGEN 23780	17.34 -0.01 0.00	15.02 -0.03 0.00	14.58 -0.11 0.00	16.98 -0.18 0.00	17.32 -0.19 0.00	18.65 -0.20 0.00	25.27 -0.44 0.00	23.32 -0.50 0.00	28.04 -0.32 0.00	19.07 -0.47 0.00	18.40 -0.70 0.00	16.73 -0.93 0.00	15.03 -0.84 0.00	9.42 -0.53 0.00	10.65 -0.79 0.00	13.55 -1.08 0.00	11.83 -1.09 0.00	16.04 -1.30 0.00	21.25 -1.05 0.00	30.14 -0.79 0.00	25.75 -0.83 0.00	26.28 -0.90 0.00	19.80 -0.86 0.00	18.69 -0.89 0.00
FOX_HILLS___ESR 323835	17.68 0.33 0.00	15.29 0.24 0.00	14.92 0.23 0.00	17.42 0.26 0.00	17.79 0.29 0.00	19.11 0.25 0.00	26.31 0.60 0.00	24.70 0.89 0.00	29.16 0.79 0.00	20.18 0.64 0.00	19.67 0.57 0.00	18.17 0.50 0.00	16.35 0.48 0.00	10.28 0.33 0.00	11.86 0.42 0.00	15.14 0.51 0.00	13.42 0.50 0.00	17.95 0.62 0.00	23.01 0.72 0.00	32.19 1.26 0.00	27.51 0.92 0.00	28.03 0.86 0.00	21.21 0.55 0.00	19.92 0.35 0.00
FPL_FAR_ROCK_GT1 24212	17.94 0.59 0.00	15.51 0.47 0.00	15.14 0.44 0.00	17.65 0.48 0.00	18.00 0.49 0.00	19.39 0.55 0.00	26.84 1.13 0.00	25.11 1.30 0.00	29.53 1.16 0.00	20.39 0.84 0.00	19.96 0.86 0.00	18.43 0.76 0.00	16.53 0.66 0.00	10.38 0.43 0.00	12.01 0.56 0.00	15.31 0.68 0.00	13.59 0.66 0.00	18.20 0.87 0.00	23.41 1.12 0.00	32.67 1.74 0.00	28.00 1.42 0.00	28.56 1.38 0.00	21.62 0.96 0.00	20.25 0.68 0.00
FPL_FAR_ROCK_GT2 23815	17.94 0.59 0.00	15.51 0.47 0.00	15.14 0.44 0.00	17.65 0.48 0.00	18.00 0.49 0.00	19.39 0.55 0.00	26.84 1.13 0.00	25.11 1.30 0.00	29.53 1.16 0.00	20.39 0.84 0.00	19.96 0.86 0.00	18.43 0.76 0.00	16.53 0.66 0.00	10.38 0.43 0.00	12.01 0.56 0.00	15.31 0.68 0.00	13.59 0.66 0.00	18.20 0.87 0.00	23.41 1.12 0.00	32.67 1.74 0.00	28.00 1.42 0.00	28.56 1.38 0.00	21.62 0.96 0.00	20.25 0.68 0.00

FRANKLIN_FALL_HYD 24054	17.91 0.56 0.00	15.54 0.50 0.00	15.11 0.42 0.00	17.52 0.36 0.00	17.71 0.20 0.00	19.09 0.24 0.00	26.15 0.44 0.00	24.25 0.44 0.00	28.97 0.60 0.00	20.09 0.55 0.00	19.65 0.55 0.00	18.20 0.54 0.00	16.36 0.49 0.00	10.20 0.25 0.00	11.70 0.26 0.00	14.91 0.28 0.00	13.12 0.20 0.00	17.67 0.34 0.00	22.89 0.59 0.00	31.69 0.76 0.00	27.38 0.79 0.00	28.07 0.89 0.00	21.47 0.81 0.00	20.19 0.61 0.00
FREEPORT_EQUS_GT1 23764	17.84 0.50 0.00	15.44 0.39 0.00	15.06 0.36 0.00	17.55 0.40 0.00	17.92 0.41 0.00	19.31 0.46 0.00	26.73 1.02 0.00	24.98 1.17 0.00	29.37 1.00 0.00	20.26 0.72 0.00	19.83 0.73 0.00	18.29 0.62 0.00	16.40 0.53 0.00	10.29 0.35 0.00	11.90 0.46 0.00	15.20 0.57 0.00	13.47 0.55 0.00	18.05 0.71 0.00	23.22 0.93 0.00	32.38 1.45 0.00	27.77 1.19 0.00	28.35 1.17 0.00	21.47 0.81 0.00	20.11 0.54 0.00
FREEPORT___CT2 23818	17.84 0.50 0.00	15.44 0.39 0.00	15.06 0.36 0.00	17.55 0.40 0.00	17.92 0.41 0.00	19.31 0.46 0.00	26.73 1.02 0.00	24.98 1.17 0.00	29.37 1.00 0.00	20.26 0.72 0.00	19.83 0.73 0.00	18.29 0.62 0.00	16.40 0.53 0.00	10.29 0.35 0.00	11.90 0.46 0.00	15.20 0.57 0.00	13.47 0.55 0.00	18.05 0.71 0.00	23.22 0.93 0.00	32.38 1.45 0.00	27.77 1.19 0.00	28.35 1.17 0.00	21.47 0.81 0.00	20.11 0.54 0.00
FRESHKLS_33_KV_LOAD 356253	17.70 0.35 0.00	15.30 0.26 0.00	14.94 0.25 0.00	17.46 0.30 0.00	17.84 0.32 0.00	19.13 0.28 0.00	26.33 0.62 0.00	24.70 0.88 0.00	29.13 0.75 0.00	20.15 0.61 0.00	19.63 0.53 0.00	18.12 0.46 0.00	16.30 0.43 0.00	10.24 0.30 0.00	11.82 0.37 0.00	15.07 0.44 0.00	13.37 0.45 0.00	17.90 0.56 0.00	22.96 0.66 0.00	32.11 1.18 0.00	27.47 0.88 0.00	28.01 0.83 0.00	21.20 0.55 0.00	19.94 0.36 0.00
FULTON COGEN____ 23766	17.01 -0.34 0.00	14.74 -0.31 0.00	14.39 -0.31 0.00	16.82 -0.34 0.00	17.17 -0.33 0.00	18.48 -0.37 0.00	25.11 -0.60 0.00	23.30 -0.52 0.00	27.67 -0.70 0.00	19.07 -0.47 0.00	18.62 -0.48 0.00	17.23 -0.44 0.00	15.47 -0.40 0.00	9.69 -0.26 0.00	11.13 -0.31 0.00	14.21 -0.42 0.00	12.55 -0.37 0.00	16.85 -0.48 0.00	21.66 -0.64 0.00	30.10 -0.83 0.00	25.84 -0.75 0.00	26.41 -0.77 0.00	20.15 -0.50 0.00	19.25 -0.32 0.00
FULTON___LFGE 323630	18.93 1.59 0.00	16.38 1.34 0.00	16.00 1.30 0.00	18.68 1.52 0.00	19.11 1.60 0.00	20.68 1.83 0.00	28.40 2.69 0.00	26.29 2.47 0.00	31.03 2.65 0.00	21.01 1.47 0.00	20.38 1.28 0.00	18.67 1.01 0.00	16.74 0.87 0.00	10.50 0.55 0.00	12.08 0.63 0.00	15.63 1.00 0.00	13.83 0.91 0.00	18.73 1.39 0.00	24.54 2.25 0.00	34.32 3.38 0.00	29.32 2.74 0.00	29.82 2.64 0.00	22.59 1.93 0.00	21.39 1.82 0.00
G.F.CEMENT___DRP 24184	17.82 0.47 0.00	15.53 0.49 0.00	15.16 0.47 0.00	17.75 0.59 0.00	18.14 0.63 0.00	19.62 0.77 0.00	26.96 1.25 0.00	25.23 1.41 0.00	29.66 1.29 0.00	20.12 0.58 0.00	19.49 0.39 0.00	18.05 0.38 0.00	16.14 0.27 0.00	10.12 0.17 0.00	11.69 0.25 0.00	15.03 0.40 0.00	13.38 0.46 0.00	18.07 0.73 0.00	23.23 0.94 0.00	32.40 1.47 0.00	27.86 1.28 0.00	28.33 1.15 0.00	21.26 0.60 0.00	20.01 0.43 0.00
GARDENVILLE___LBMP 24039	16.06 -1.28 0.00	13.86 -1.18 0.00	13.62 -1.08 0.00	15.96 -1.20 0.00	16.25 -1.26 0.00	17.61 -1.24 0.00	23.65 -2.06 0.00	21.69 -2.13 0.00	25.90 -2.47 0.00	18.27 -1.27 0.00	18.04 -1.06 0.00	16.65 -1.02 0.00	15.08 -0.80 0.00	9.43 -0.52 0.00	10.91 -0.53 0.00	13.80 -0.83 0.00	12.11 -0.82 0.00	16.10 -1.24 0.00	20.64 -1.65 0.00	28.61 -2.32 0.00	24.58 -2.01 0.00	25.25 -1.93 0.00	19.46 -1.19 0.00	19.07 -0.50 0.00
GARDNVLA_35_KV_LD 355827	16.13 -1.21 0.00	13.92 -1.12 0.00	13.66 -1.03 0.00	16.01 -1.15 0.00	16.31 -1.21 0.00	17.68 -1.17 0.00	23.77 -1.95 0.00	21.80 -2.02 0.00	26.05 -2.32 0.00	18.38 -1.16 0.00	18.14 -0.96 0.00	16.74 -0.93 0.00	15.16 -0.71 0.00	9.48 -0.47 0.00	10.98 -0.47 0.00	13.87 -0.75 0.00	12.17 -0.75 0.00	16.18 -1.15 0.00	20.76 -1.53 0.00	28.78 -2.15 0.00	24.72 -1.87 0.00	25.40 -1.78 0.00	19.57 -1.09 0.00	19.18 -0.40 0.00
GELCKHM___115KV_LOAD 80723	17.10 -0.25 0.00	14.82 -0.22 0.00	14.47 -0.22 0.00	16.93 -0.23 0.00	17.26 -0.24 0.00	18.59 -0.26 0.00	25.27 -0.44 0.00	23.58 -0.24 0.00	27.91 -0.46 0.00	19.25 -0.29 0.00	18.83 -0.27 0.00	17.41 -0.26 0.00	15.65 -0.22 0.00	9.80 -0.15 0.00	11.26 -0.18 0.00	14.37 -0.26 0.00	12.70 -0.23 0.00	17.03 -0.31 0.00	21.88 -0.41 0.00	30.40 -0.53 0.00	26.09 -0.50 0.00	26.66 -0.52 0.00	20.34 -0.31 0.00	19.44 -0.14 0.00
GENERAL___MILLS 23808	16.12 -1.23 0.00	13.92 -1.13 0.00	13.66 -1.04 0.00	16.01 -1.15 0.00	16.30 -1.22 0.00	17.67 -1.18 0.00	23.73 -1.98 0.00	21.77 -2.05 0.00	26.00 -2.37 0.00	18.34 -1.20 0.00	18.11 -0.99 0.00	16.72 -0.95 0.00	15.13 -0.74 0.00	9.46 -0.49 0.00	10.95 -0.49 0.00	13.85 -0.78 0.00	12.15 -0.77 0.00	16.16 -1.18 0.00	20.72 -1.57 0.00	28.72 -2.21 0.00	24.67 -1.91 0.00	25.35 -1.82 0.00	19.54 -1.11 0.00	19.15 -0.43 0.00
GE_PLASTICS___DRP 24183	17.54 0.20 0.00	15.24 0.19 0.00	14.87 0.18 0.00	17.38 0.22 0.00	17.75 0.24 0.00	19.11 0.26 0.00	26.19 0.48 0.00	24.43 0.61 0.00	28.90 0.53 0.00	19.81 0.27 0.00	19.32 0.21 0.00	17.82 0.16 0.00	15.93 0.06 0.00	9.97 0.03 0.00	11.45 0.00 0.00	14.66 0.03 0.00	12.95 0.03 0.00	17.39 0.06 0.00	22.33 0.03 0.00	31.11 0.18 0.00	26.65 0.07 0.00	27.24 0.06 0.00	20.62 -0.03 0.00	19.46 -0.11 0.00
GILBOA___1 23756	17.43 0.09 0.00	15.12 0.07 0.00	14.76 0.07 0.00	17.25 0.09 0.00	17.61 0.10 0.00	18.96 0.11 0.00	25.98 0.26 0.00	24.23 0.41 0.00	28.69 0.32 0.00	19.73 0.19 0.00	19.24 0.14 0.00	17.79 0.12 0.00	15.97 0.10 0.00	10.03 0.08 0.00	11.55 0.10 0.00	14.82 0.19 0.00	13.10 0.17 0.00	17.54 0.21 0.00	22.53 0.24 0.00	31.37 0.44 0.00	26.89 0.30 0.00	27.47 0.30 0.00	20.81 0.15 0.00	19.63 0.06 0.00
GILBOA___2 23757	17.43 0.09 0.00	15.12 0.07 0.00	14.76 0.07 0.00	17.25 0.09 0.00	17.61 0.10 0.00	18.96 0.11 0.00	25.98 0.26 0.00	24.23 0.41 0.00	28.69 0.32 0.00	19.73 0.19 0.00	19.24 0.14 0.00	17.79 0.12 0.00	15.97 0.10 0.00	10.03 0.08 0.00	11.55 0.10 0.00	14.82 0.19 0.00	13.10 0.17 0.00	17.54 0.21 0.00	22.53 0.24 0.00	31.37 0.44 0.00	26.89 0.30 0.00	27.47 0.30 0.00	20.81 0.15 0.00	19.63 0.06 0.00
GILBOA___3 23758	17.43 0.09 0.00	15.12 0.07 0.00	14.76 0.07 0.00	17.25 0.09 0.00	17.61 0.10 0.00	18.96 0.11 0.00	25.98 0.26 0.00	24.23 0.41 0.00	28.69 0.32 0.00	19.73 0.19 0.00	19.24 0.14 0.00	17.79 0.12 0.00	15.97 0.10 0.00	10.03 0.08 0.00	11.55 0.10 0.00	14.82 0.19 0.00	13.10 0.17 0.00	17.54 0.21 0.00	22.53 0.24 0.00	31.37 0.44 0.00	26.89 0.30 0.00	27.47 0.30 0.00	20.81 0.15 0.00	19.63 0.06 0.00

GOUDEY___1	17.20 -0.15 0.00	14.90 -0.14 0.00	14.54 -0.15 0.00	17.03 -0.13 0.00	17.36 -0.15 0.00	18.72 -0.13 0.00	25.53 -0.18 0.00	23.79 -0.03 0.00	28.18 -0.19 0.00	19.43 -0.11 0.00	19.00 -0.10 0.00	17.55 -0.11 0.00	15.81 -0.06 0.00	9.90 -0.04 0.00	11.36 -0.08 0.00	14.50 -0.12 0.00	12.82 -0.10 0.00	17.20 -0.13 0.00	22.14 -0.15 0.00	30.84 -0.09 0.00	26.41 -0.17 0.00	27.03 -0.15 0.00	20.57 -0.09 0.00	19.57 0.00 0.00
GOUDEY___7	17.21 -0.14 0.00	14.91 -0.13 0.00	14.55 -0.14 0.00	17.03 -0.13 0.00	17.37 -0.13 0.00	18.73 -0.12 0.00	25.56 -0.15 0.00	23.80 -0.01 0.00	28.20 -0.17 0.00	19.45 -0.09 0.00	19.02 -0.08 0.00	17.57 -0.09 0.00	15.83 -0.04 0.00	9.91 -0.04 0.00	11.37 -0.07 0.00	14.52 -0.11 0.00	12.84 -0.09 0.00	17.22 -0.11 0.00	22.17 -0.13 0.00	30.87 -0.06 0.00	26.44 -0.14 0.00	27.05 -0.13 0.00	20.59 -0.07 0.00	19.59 0.01 0.00
GOUDEY___8	17.20 -0.15 0.00	14.90 -0.14 0.00	14.54 -0.15 0.00	17.03 -0.13 0.00	17.36 -0.15 0.00	18.72 -0.13 0.00	25.53 -0.18 0.00	23.79 -0.03 0.00	28.18 -0.19 0.00	19.43 -0.11 0.00	19.00 -0.10 0.00	17.55 -0.11 0.00	15.81 -0.06 0.00	9.90 -0.04 0.00	11.36 -0.08 0.00	14.50 -0.12 0.00	12.82 -0.10 0.00	17.20 -0.13 0.00	22.14 -0.15 0.00	30.84 -0.09 0.00	26.41 -0.17 0.00	27.03 -0.15 0.00	20.57 -0.09 0.00	19.57 0.00 0.00
GOWANUS_GT1_1	17.67 0.32 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.78 0.28 0.00	19.10 0.25 0.00	26.31 0.60 0.00	24.70 0.89 0.00	29.19 0.82 0.00	20.20 0.66 0.00	19.70 0.60 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.35 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.99 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.53 0.95 0.00	28.04 0.87 0.00	21.21 0.56 0.00	19.92 0.34 0.00
GOWANUS_GT1_2	17.67 0.32 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.78 0.28 0.00	19.10 0.25 0.00	26.31 0.60 0.00	24.70 0.89 0.00	29.19 0.82 0.00	20.20 0.66 0.00	19.70 0.60 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.35 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.99 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.53 0.95 0.00	28.04 0.87 0.00	21.21 0.56 0.00	19.92 0.34 0.00
GOWANUS_GT1_3	17.67 0.32 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.78 0.28 0.00	19.10 0.25 0.00	26.31 0.60 0.00	24.70 0.89 0.00	29.19 0.82 0.00	20.20 0.66 0.00	19.70 0.60 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.35 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.99 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.53 0.95 0.00	28.04 0.87 0.00	21.21 0.56 0.00	19.92 0.34 0.00
GOWANUS_GT1_4	17.67 0.32 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.78 0.28 0.00	19.10 0.25 0.00	26.31 0.60 0.00	24.70 0.89 0.00	29.19 0.82 0.00	20.20 0.66 0.00	19.70 0.60 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.35 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.99 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.53 0.95 0.00	28.04 0.87 0.00	21.21 0.56 0.00	19.92 0.34 0.00
GOWANUS_GT1_5	17.67 0.32 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.78 0.28 0.00	19.10 0.25 0.00	26.31 0.60 0.00	24.70 0.89 0.00	29.19 0.82 0.00	20.20 0.66														

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HYLAND___LFGE 323620	16.94 -0.41 0.00	14.68 -0.37 0.00	14.21 -0.49 0.00	16.70 -0.46 0.00	17.17 -0.34 0.00	18.53 -0.31 0.00	25.39 -0.32 0.00	23.59 -0.23 0.00	27.81 -0.56 0.00	19.01 -0.53 0.00	18.56 -0.54 0.00	17.17 -0.50 0.00	15.47 -0.40 0.00	9.63 -0.32 0.00	11.07 -0.38 0.00	14.05 -0.58 0.00	12.38 -0.54 0.00	16.59 -0.74 0.00	21.61 -0.68 0.00	31.05 0.12 0.00	26.72 0.14 0.00	27.25 0.08 0.00	20.83 0.18 0.00	20.02 0.45 0.00
INDECK___CORINTH 23802	17.75 0.40 0.00	15.46 0.42 0.00	15.10 0.40 0.00	17.66 0.50 0.00	18.05 0.54 0.00	19.52 0.67 0.00	26.83 1.12 0.00	25.09 1.28 0.00	29.52 1.15 0.00	20.05 0.52 0.00	19.45 0.34 0.00	18.00 0.33 0.00	16.11 0.24 0.00	10.10 0.15 0.00	11.67 0.22 0.00	14.99 0.36 0.00	13.33 0.40 0.00	17.98 0.65 0.00	23.14 0.85 0.00	32.27 1.34 0.00	27.75 1.16 0.00	28.22 1.04 0.00	21.18 0.52 0.00	19.95 0.38 0.00
INDECK___ILION 23567	17.22 -0.13 0.00	14.94 -0.10 0.00	14.60 -0.09 0.00	17.06 -0.10 0.00	17.43 -0.08 0.00	18.79 -0.06 0.00	25.72 0.01 0.00	23.95 0.13 0.00	28.32 -0.05 0.00	19.38 -0.15 0.00	18.91 -0.20 0.00	17.50 -0.17 0.00	15.69 -0.18 0.00	9.85 -0.10 0.00	11.35 -0.09 0.00	14.55 -0.08 0.00	12.89 -0.04 0.00	17.30 -0.04 0.00	22.29 0.00 0.00	31.08 0.15 0.00	26.64 0.05 0.00	27.16 -0.02 0.00	20.55 -0.11 0.00	19.37 -0.20 0.00
INDECK___OLEAN 23982	16.79 -0.56 0.00	14.43 -0.62 0.00	14.13 -0.56 0.00	16.63 -0.53 0.00	17.02 -0.49 0.00	18.22 -0.63 0.00	24.60 -1.12 0.00	22.71 -1.10 0.00	27.00 -1.37 0.00	19.03 -0.51 0.00	18.86 -0.24 0.00	17.54 -0.13 0.00	15.87 0.00 0.00	9.92 -0.03 0.00	11.45 0.01 0.00	14.51 -0.12 0.00	12.71 -0.21 0.00	16.94 -0.39 0.00	21.65 -0.64 0.00	29.94 -0.99 0.00	25.71 -0.88 0.00	26.55 -0.62 0.00	20.42 -0.23 0.00	19.75 0.18 0.00
INDECK___OSWEGO 23783	17.00 -0.34 0.00	14.74 -0.31 0.00	14.38 -0.31 0.00	16.81 -0.35 0.00	17.16 -0.35 0.00	18.46 -0.39 0.00	25.06 -0.66 0.00	23.22 -0.60 0.00	27.60 -0.77 0.00	19.02 -0.52 0.00	18.58 -0.53 0.00	17.17 -0.50 0.00	15.43 -0.44 0.00	9.66 -0.28 0.00	11.09 -0.35 0.00	14.16 -0.47 0.00	12.50 -0.42 0.00	16.77 -0.56 0.00	21.57 -0.73 0.00	29.98 -0.95 0.00	25.73 -0.85 0.00	26.30 -0.87 0.00	20.08 -0.58 0.00	19.17 -0.40 0.00
INDECK___YERKES 23781	15.99 -1.36 0.00	13.84 -1.21 0.00	13.59 -1.10 0.00	15.91 -1.26 0.00	16.27 -1.24 0.00	17.55 -1.29 0.00	23.51 -2.20 0.00	21.50 -2.32 0.00	25.68 -2.69 0.00	18.08 -1.46 0.00	17.86 -1.24 0.00	16.48 -1.19 0.00	14.92 -0.95 0.00	9.33 -0.62 0.00	10.81 -0.64 0.00	13.67 -0.96 0.00	12.00 -0.93 0.00	15.95 -1.38 0.00	20.46 -1.83 0.00	28.30 -2.63 0.00	24.30 -2.28 0.00	24.93 -2.25 0.00	19.25 -1.41 0.00	18.93 -0.65 0.00
INDIAN POINT_GT_1 24139	17.60 0.25 0.00	15.23 0.19 0.00	14.87 0.17 0.00	17.35 0.19 0.00	17.74 0.23 0.00	19.07 0.22 0.00	26.25 0.54 0.00	24.59 0.77 0.00	29.07 0.70 0.00	20.06 0.52 0.00	19.54 0.44 0.00	18.06 0.39 0.00	16.22 0.35 0.00	10.20 0.25 0.00	11.77 0.32 0.00	15.04 0.41 0.00	13.33 0.41 0.00	17.86 0.52 0.00	22.92 0.63 0.00	32.03 1.10 0.00	27.39 0.81 0.00	27.90 0.73 0.00	21.11 0.46 0.00	19.82 0.25 0.00
INDIAN POINT_GT_2 23659	17.60 0.25 0.00	15.23 0.19 0.00	14.87 0.17 0.00	17.35 0.19 0.00	17.74 0.23 0.00	19.07 0.22 0.00	26.25 0.54 0.00	24.59 0.77 0.00	29.07 0.70 0.00	20.06 0.52 0.00	19.54 0.44 0.00	18.06 0.39 0.00	16.22 0.35 0.00	10.20 0.25 0.00	11.77 0.32 0.00	15.04 0.41 0.00	13.33 0.41 0.00	17.86 0.52 0.00	22.92 0.63 0.00	32.03 1.10 0.00	27.39 0.81 0.00	27.90 0.73 0.00	21.11 0.46 0.00	19.82 0.25 0.00
INDIAN POINT_GT_3 24019	17.60 0.25 0.00	15.23 0.19 0.00	14.87 0.17 0.00	17.35 0.19 0.00	17.74 0.23 0.00	19.07 0.22 0.00	26.25 0.54 0.00	24.59 0.77 0.00	29.07 0.70 0.00	20.06 0.52 0.00	19.54 0.44 0.00	18.06 0.39 0.00	16.22 0.35 0.00	10.20 0.25 0.00	11.77 0.32 0.00	15.04 0.41 0.00	13.33 0.41 0.00	17.86 0.52 0.00	22.92 0.63 0.00	32.03 1.10 0.00	27.39 0.81 0.00	27.90 0.73 0.00	21.11 0.46 0.00	19.82 0.25 0.00
INDIAN POINT___2 23530	17.58 0.24 0.00	15.22 0.17 0.00	14.85 0.16 0.00	17.34 0.18 0.00	17.71 0.20 0.00	19.05 0.20 0.00	26.23 0.52 0.00	24.56 0.74 0.00	29.04 0.67 0.00	20.05 0.50 0.00	19.53 0.43 0.00	18.04 0.37 0.00	16.21 0.34 0.00	10.19 0.24 0.00	11.76 0.31 0.00	15.03 0.40 0.00	13.32 0.40 0.00	17.84 0.50 0.00	22.90 0.60 0.00	32.00 1.07 0.00	27.36 0.77 0.00	27.87 0.70 0.00	21.09 0.44 0.00	19.82 0.25 0.00
INDIAN POINT___3 23531	17.59 0.24 0.00	15.22 0.18 0.00	14.86 0.17 0.00	17.35 0.19 0.00	17.73 0.22 0.00	19.06 0.21 0.00	26.24 0.52 0.00	24.57 0.76 0.00	29.04 0.68 0.00	20.05 0.51 0.00	19.54 0.44 0.00	18.05 0.38 0.00	16.21 0.34 0.00	10.20 0.25 0.00	11.76 0.32 0.00	15.03 0.40 0.00	13.33 0.40 0.00	17.85 0.51 0.00	22.91 0.61 0.00	32.01 1.08 0.00	27.37 0.79 0.00	27.89 0.72 0.00	21.10 0.45 0.00	19.82 0.25 0.00
INGHAM_C_115KV_TB7 356103	16.96 -0.38 0.00	14.73 -0.31 0.00	14.39 -0.31 0.00	16.83 -0.34 0.00	17.20 -0.31 0.00	18.57 -0.28 0.00	25.52 -0.19 0.00	23.88 0.07 0.00	28.03 -0.34 0.00	19.04 -0.50 0.00	18.52 -0.58 0.00	17.16 -0.50 0.00	15.37 -0.50 0.00	9.64 -0.30 0.00	11.16 -0.28 0.00	14.34 -0.29 0.00	12.73 -0.20 0.00	17.12 -0.22 0.00	22.12 -0.18 0.00	30.95 0.02 0.00	26.48 -0.10 0.00	26.93 -0.25 0.00	20.28 -0.37 0.00	19.01 -0.56 0.00
IP CORINTH___1 23988	17.75 0.40 0.00	15.46 0.42 0.00	15.10 0.40 0.00	17.66 0.50 0.00	18.06 0.54 0.00	19.52 0.67 0.00	26.83 1.12 0.00	25.09 1.28 0.00	29.52 1.15 0.00	20.05 0.52 0.00	19.45 0.35 0.00	18.00 0.33 0.00	16.11 0.24 0.00	10.10 0.15 0.00	11.67 0.22 0.00	14.99 0.36 0.00	13.32 0.40 0.00	17.98 0.65 0.00	23.14 0.85 0.00	32.27 1.34 0.00	27.75 1.16 0.00	28.22 1.04 0.00	21.18 0.52 0.00	19.95 0.38 0.00
IP___TICONDEROGA 23804	18.22 0.88 0.00	16.04 1.00 0.00	15.67 0.98 0.00	18.37 1.21 0.00	18.76 1.25 0.00	20.40 1.56 0.00	28.08 2.37 0.00	26.36 2.55 0.00	30.70 2.33 0.00	20.50 0.96 0.00	19.73 0.63 0.00	18.31 0.64 0.00	16.41 0.54 0.00	10.27 0.33 0.00	11.91 0.47 0.00	15.34 0.72 0.00	13.80 0.88 0.00	18.75 1.42 0.00	23.98 1.69 0.00	33.42 2.49 0.00	28.86 2.28 0.00	29.11 1.93 0.00	21.64 0.99 0.00	20.34 0.76 0.00
ISLIP_RES_REC 323679	17.95 0.60 0.00	15.54 0.49 0.00	15.16 0.47 0.00	17.69 0.53 0.00	18.09 0.58 0.00	19.50 0.66 0.00	27.13 1.42 0.00	25.24 1.43 0.00	29.53 1.16 0.00	20.36 0.82 0.00	19.91 0.80 0.00	18.36 0.69 0.00	16.35 0.48 0.00	10.26 0.32 0.00	11.88 0.43 0.00	15.18 0.55 0.00	13.51 0.59 0.00	18.08 0.75 0.00	23.36 1.07 0.00	32.50 1.57 0.00	28.02 1.43 0.00	28.60 1.42 0.00	21.64 0.98 0.00	20.25 0.68 0.00

JAMAICA__27_KV_LOAD 355505	17.80 0.45 0.00	15.40 0.35 0.00	15.05 0.36 0.00	17.62 0.45 -0.01	17.92 0.41 0.00	19.27 0.42 0.00	26.50 0.79 0.00	24.90 1.08 0.00	29.35 0.99 0.00	20.33 0.78 0.00	19.80 0.70 0.00	18.30 0.63 0.00	16.49 0.62 0.00	10.36 0.41 0.00	11.93 0.48 0.00	15.24 0.61 0.00	13.53 0.60 0.00	18.12 0.79 0.00	23.17 0.87 0.00	32.41 1.48 0.00	27.67 1.09 0.00	28.18 1.00 0.00	21.30 0.64 0.00	19.96 0.39 0.00
JANIS__SOLAR 323808	17.98 0.64 0.00	15.58 0.54 0.00	15.20 0.51 0.00	17.76 0.60 0.00	18.11 0.60 0.00	19.57 0.72 0.00	26.75 1.04 0.00	25.07 1.25 0.00	29.59 1.22 0.00	20.14 0.60 0.00	19.44 0.34 0.00	17.90 0.23 0.00	16.20 0.33 0.00	10.14 0.19 0.00	11.58 0.13 0.00	14.84 0.21 0.00	13.17 0.24 0.00	17.76 0.43 0.00	23.09 0.80 0.00	32.23 1.30 0.00	27.63 1.05 0.00	28.14 0.96 0.00	21.38 0.73 0.00	20.34 0.77 0.00
JARVIS____ 23743	17.31 -0.03 0.00	15.02 -0.03 0.00	14.68 -0.01 0.00	17.15 -0.01 0.00	17.51 0.00 0.00	18.85 0.00 0.00	25.73 0.01 0.00	23.88 0.07 0.00	28.38 0.02 0.00	19.53 -0.01 0.00	19.07 -0.04 0.00	17.64 -0.03 0.00	15.84 -0.03 0.00	9.93 -0.02 0.00	11.43 -0.01 0.00	14.62 -0.01 0.00	12.93 0.00 0.00	17.33 0.00 0.00	22.30 0.00 0.00	30.99 0.06 0.00	26.61 0.02 0.00	27.18 0.00 0.00	20.63 -0.03 0.00	19.52 -0.05 0.00
JENNISON____1 23625	18.02 0.67 0.00	15.61 0.57 0.00	15.23 0.54 0.00	17.79 0.63 0.00	18.08 0.57 0.00	19.52 0.68 0.00	26.56 0.85 0.00	24.97 1.15 0.00	29.54 1.17 0.00	20.20 0.66 0.00	19.71 0.61 0.00	18.19 0.52 0.00	16.37 0.50 0.00	10.26 0.32 0.00	11.69 0.24 0.00	14.87 0.24 0.00	13.18 0.26 0.00	17.81 0.48 0.00	23.05 0.76 0.00	32.20 1.27 0.00	27.64 1.05 0.00	27.95 0.77 0.00	21.21 0.55 0.00	20.18 0.61 0.00
JENNISON____2 23626	18.02 0.67 0.00	15.61 0.57 0.00	15.23 0.54 0.00	17.79 0.63 0.00	18.08 0.57 0.00	19.52 0.68 0.00	26.56 0.85 0.00	24.97 1.15 0.00	29.54 1.17 0.00	20.20 0.66 0.00	19.71 0.61 0.00	18.19 0.52 0.00	16.37 0.50 0.00	10.26 0.32 0.00	11.69 0.24 0.00	14.87 0.24 0.00	13.18 0.26 0.00	17.81 0.48 0.00	23.05 0.76 0.00	32.20 1.27 0.00	27.64 1.05 0.00	27.95 0.77 0.00	21.21 0.55 0.00	20.18 0.61 0.00
JERICOHO_RISE_WT_PWR 323719	17.86 0.51 0.00	15.50 0.46 0.00	15.07 0.37 0.00	17.46 0.30 0.00	17.60 0.09 0.00	18.94 0.09 0.00	25.95 0.24 0.00	24.06 0.24 0.00	28.73 0.36 0.00	19.96 0.42 0.00	19.54 0.44 0.00	18.14 0.47 0.00	16.32 0.45 0.00	10.19 0.24 0.00	11.73 0.28 0.00	14.94 0.31 0.00	13.15 0.23 0.00	17.67 0.34 0.00	22.82 0.52 0.00	31.56 0.63 0.00	27.30 0.71 0.00	27.98 0.80 0.00	21.20 0.54 0.00	20.09 0.52 0.00
KATONAH__115KV_46KV_TB4 355592	17.68 0.33 0.00	15.32 0.28 0.00	14.95 0.26 0.00	17.47 0.30 0.00	17.85 0.34 0.00	19.20 0.35 0.00	26.45 0.74 0.00	24.78 0.96 0.00	29.28 0.91 0.00	20.18 0.65 0.00	19.66 0.56 0.00	18.16 0.49 0.00	16.31 0.44 0.00	10.26 0.31 0.00	11.83 0.39 0.00	15.11 0.48 0.00	13.41 0.49 0.00	17.98 0.64 0.00	23.08 0.79 0.00	32.25 1.32 0.00	27.58 0.99 0.00	28.08 0.91 0.00	21.23 0.57 0.00	19.93 0.35 0.00
KCE_NY_1 323755	17.75 0.41 0.00	15.44 0.39 0.00	15.06 0.37 0.00	17.63 0.47 0.00	18.01 0.51 0.00	19.43 0.58 0.00	26.70 0.98 0.00	24.92 1.10 0.00	29.38 1.01 0.00	20.03 0.49 0.00	19.46 0.36 0.00	18.00 0.33 0.00	16.11 0.24 0.00	10.11 0.17 0.00	11.68 0.24 0.00	15.00 0.37 0.00	13.33 0.41 0.00	17.95 0.62 0.00	23.11 0.81 0.00	32.19 1.26 0.00	27.60 1.02 0.00	28.16 0.98 0.00	21.20 0.54 0.00	19.96 0.39 0.00
KCE_NY_6_ESR 323823	16.13 -1.22 0.00	13.92 -1.13 0.00	13.65 -1.04 0.00	16.01 -1.15 0.00	16.36 -1.15 0.00	17.66 -1.18 0.00	23.75 -1.96 0.00	21.77 -2.05 0.00	26.01 -2.36 0.00	18.34 -1.20 0.00	18.11 -0.99 0.00	16.72 -0.95 0.00	15.13 -0.74 0.00	9.46 -0.49 0.00	10.95 -0.49 0.00	13.85 -0.78 0.00	12.14 -0.78 0.00	16.16 -1.18 0.00	20.72 -1.57 0.00	28.72 -2.21 0.00	24.69 -1.90 0.00	25.38 -1.80 0.00	19.56 -1.10 0.00	19.17 -0.41 0.00
KEDC_PORT_JEFF_GT2 24210	17.81 0.46 0.00	15.42 0.38 0.00	15.05 0.36 0.00	17.56 0.40 0.00	17.96 0.45 0.00	19.35 0.50 0.00	26.90 1.19 0.00	24.99 1.18 0.00	29.20 0.83 0.00	20.12 0.58 0.00	19.69 0.58 0.00	18.15 0.49 0.00	16.18 0.31 0.00	10.16 0.21 0.00	11.76 0.31 0.00	15.02 0.39 0.00	13.36 0.43 0.00	17.88 0.54 0.00	23.08 0.79 0.00	32.10 1.17 0.00	27.72 1.14 0.00	28.36 1.18 0.00	21.46 0.80 0.00	20.08 0.51 0.00
KEDC_PORT_JEFF_GT3 24211	17.81 0.46 0.00	15.42 0.38 0.00	15.05 0.36 0.00	17.56 0.40 0.00	17.96 0.45 0.00	19.35 0.50 0.00	26.90 1.19 0.00	24.99 1.18 0.00	29.20 0.83 0.00	20.12 0.58 0.00	19.69 0.58 0.00	18.15 0.49 0.00	16.18 0.31 0.00	10.16 0.21 0.00	11.76 0.31 0.00	15.02 0.39 0.00	13.36 0.43 0.00	17.88 0.54 0.00	23.08 0.79 0.00	32.10 1.17 0.00	27.72 1.14 0.00	28.36 1.18 0.00	21.46 0.80 0.00	20.08 0.51 0.00
KEDC_GLWD_GT4 24219	17.89 0.54 0.00	15.48 0.44 0.00	15.09 0.40 0.00	17.60 0.45 0.00	17.98 0.47 0.00	19.37 0.52 0.00	26.80 1.08 0.00	25.06 1.25 0.00	29.49 1.12 0.00	20.36 0.81 0.00	19.91 0.81 0.00	18.39 0.73 0.00	16.49 0.61 0.00	10.36 0.41 0.00	11.97 0.52 0.00	15.28 0.65 0.00	13.55 0.63 0.00	18.15 0.81 0.00	23.33 1.04 0.00	32.54 1.61 0.00	27.88 1.30 0.00	28.44 1.26 0.00	21.53 0.87 0.00	20.17 0.59 0.00
KEDC_GLWD_GT5 24220	17.89 0.54 0.00	15.48 0.44 0.00	15.09 0.40 0.00	17.60 0.45 0.00	17.98 0.47 0.00	19.37 0.52 0.00	26.80 1.08 0.00	25.06 1.25 0.00	29.49 1.12 0.00	20.36 0.81 0.00	19.91 0.81 0.00	18.39 0.73 0.00	16.49 0.61 0.00	10.36 0.41 0.00	11.97 0.52 0.00	15.28 0.65 0.00	13.55 0.63 0.00	18.15 0.81 0.00	23.33 1.04 0.00	32.54 1.61 0.00	27.88 1.30 0.00	28.44 1.26 0.00	21.53 0.87 0.00	20.17 0.59 0.00
KENSICO____ 23655	17.63 0.28 0.00	15.26 0.21 0.00	14.90 0.20 0.00	17.38 0.22 0.00	17.77 0.25 0.00	19.10 0.25 0.00	26.29 0.58 0.00	24.64 0.82 0.00	29.12 0.76 0.00	20.10 0.56 0.00	19.60 0.50 0.00	18.11 0.44 0.00	16.27 0.39 0.00	10.23 0.28 0.00	11.80 0.36 0.00	15.08 0.45 0.00	13.38 0.45 0.00	17.91 0.57 0.00	22.98 0.68 0.00	32.11 1.18 0.00	27.45 0.86 0.00	27.96 0.79 0.00	21.15 0.49 0.00	19.86 0.29 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	17.83 0.49 0.00	15.47 0.42 0.00	15.10 0.41 0.00	17.65 0.48 0.00	18.04 0.53 0.00	19.43 0.58 0.00	26.77 1.05 0.00	25.07 1.26 0.00	29.62 1.25 0.00	20.35 0.81 0.00	19.76 0.65 0.00	18.17 0.51 0.00	16.31 0.44 0.00	10.25 0.31 0.00	11.84 0.40 0.00	15.15 0.52 0.00	13.48 0.56 0.00	18.12 0.78 0.00	23.35 1.06 0.00	32.69 1.76 0.00	27.98 1.39 0.00	28.48 1.30 0.00	21.54 0.88 0.00	20.24 0.66 0.00

KIAC_JFK_GT1 23816	17.74 0.40 0.00	15.35 0.31 0.00	15.00 0.31 0.00	17.56 0.40 -0.01	17.87 0.36 0.00	19.21 0.36 0.00	26.41 0.70 0.00	24.81 1.00 0.00	29.25 0.88 0.00	20.25 0.71 0.00	19.73 0.63 0.00	18.25 0.58 0.00	16.44 0.57 0.00	10.33 0.38 0.00	11.90 0.45 0.00	15.20 0.57 0.00	13.49 0.56 0.00	18.06 0.73 0.00	23.09 0.80 0.00	32.29 1.36 0.00	27.57 0.99 0.00	28.07 0.90 0.00	21.22 0.57 0.00	19.89 0.32 0.00
KIAC_JFK_GT2 23817	17.74 0.40 0.00	15.35 0.31 0.00	15.00 0.31 0.00	17.56 0.40 -0.01	17.87 0.36 0.00	19.21 0.36 0.00	26.41 0.70 0.00	24.81 1.00 0.00	29.25 0.88 0.00	20.25 0.71 0.00	19.73 0.63 0.00	18.25 0.58 0.00	16.44 0.57 0.00	10.33 0.38 0.00	11.90 0.45 0.00	15.20 0.57 0.00	13.49 0.56 0.00	18.06 0.73 0.00	23.09 0.80 0.00	32.29 1.36 0.00	27.57 0.99 0.00	28.07 0.90 0.00	21.22 0.57 0.00	19.89 0.32 0.00
KIAC_JFK____ 323774	17.75 0.40 0.00	15.36 0.31 0.00	15.00 0.31 0.00	17.56 0.40 -0.01	17.85 0.34 0.00	19.21 0.36 0.00	26.41 0.70 0.00	24.81 1.00 0.00	29.25 0.88 0.00	20.25 0.71 0.00	19.73 0.63 0.00	18.24 0.58 0.00	16.44 0.57 0.00	10.33 0.38 0.00	11.90 0.45 0.00	15.20 0.57 0.00	13.49 0.57 0.00	18.06 0.73 0.00	23.09 0.80 0.00	32.29 1.36 0.00	27.57 0.99 0.00	28.07 0.90 0.00	21.22 0.56 0.00	19.89 0.31 0.00
KINTIGH____ 23543	15.95 -1.40 0.00	13.79 -1.26 0.00	13.53 -1.16 0.00	15.84 -1.32 0.00	16.14 -1.37 0.00	17.44 -1.41 0.00	23.45 -2.26 0.00	21.55 -2.26 0.00	25.73 -2.64 0.00	18.03 -1.51 0.00	17.81 -1.30 0.00	16.44 -1.23 0.00	14.85 -1.02 0.00	9.29 -0.65 0.00	10.77 -0.68 0.00	13.63 -1.00 0.00	11.98 -0.95 0.00	15.93 -1.40 0.00	20.43 -1.86 0.00	28.27 -2.66 0.00	24.26 -2.32 0.00	24.88 -2.30 0.00	19.14 -1.51 0.00	18.68 -0.90 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.06 0.72 0.00	15.69 0.65 0.00	15.25 0.56 0.00	17.68 0.52 0.00	17.82 0.32 0.00	19.18 0.34 0.00	26.33 0.62 0.00	24.49 0.67 0.00	29.12 0.75 0.00	20.21 0.67 0.00	19.71 0.61 0.00	18.31 0.65 0.00	16.50 0.63 0.00	10.30 0.36 0.00	11.85 0.41 0.00	15.09 0.46 0.00	13.30 0.38 0.00	17.91 0.58 0.00	23.14 0.84 0.00	32.07 1.14 0.00	27.71 1.12 0.00	28.41 1.23 0.00	21.57 0.91 0.00	20.44 0.86 0.00
LACHUTE____HYDRO 323717	18.22 0.87 0.00	16.04 1.00 0.00	15.67 0.98 0.00	18.37 1.21 0.00	18.76 1.25 0.00	20.40 1.56 0.00	28.07 2.36 0.00	26.36 2.55 0.00	30.70 2.33 0.00	20.50 0.96 0.00	19.73 0.63 0.00	18.30 0.64 0.00	16.41 0.54 0.00	10.27 0.33 0.00	11.91 0.47 0.00	15.34 0.72 0.00	13.80 0.88 0.00	18.75 1.42 0.00	23.98 1.69 0.00	33.42 2.49 0.00	28.86 2.28 0.00	29.11 1.93 0.00	21.64 0.99 0.00	20.33 0.76 0.00
LAWRNCV_115KV_TB1 80681	17.28 -0.07 0.00	14.98 -0.06 0.00	14.61 -0.09 0.00	16.99 -0.17 0.00	17.30 -0.21 0.00	18.66 -0.19 0.00	25.43 -0.28 0.00	23.42 -0.40 0.00	28.11 -0.26 0.00	19.38 -0.17 0.00	18.95 -0.15 0.00	17.50 -0.17 0.00	15.73 -0.14 0.00	9.81 -0.14 0.00	11.26 -0.19 0.00	14.37 -0.25 0.00	12.63 -0.29 0.00	17.00 -0.33 0.00	22.10 -0.19 0.00	30.57 -0.36 0.00	26.34 -0.25 0.00	27.04 -0.14 0.00	20.55 -0.11 0.00	19.39 -0.19 0.00
LEDERLE____ 23769	17.66 0.31 0.00	15.26 0.22 0.00	14.91 0.21 0.00	17.40 0.24 0.00	17.80 0.29 0.00	19.13 0.28 0.00	26.34 0.63 0.00	24.67 0.85 0.00	29.18 0.81 0.00	20.14 0.60 0.00	19.62 0.52 0.00	18.12 0.45 0.00	16.28 0.41 0.00	10.24 0.29 0.00	11.81 0.37 0.00	15.09 0.46 0.00	13.38 0.46 0.00	17.92 0.58 0.00	23.01 0.71 0.00	32.16 1.23 0.00	27.50 0.92 0.00	28.02 0.84 0.00	21.19 0.54 0.00	19.92 0.35 0.00
LIGHTHSE_115KV_TB6 355974	17.06 -0.29 0.00	14.78 -0.27 0.00	14.41 -0.29 0.00	16.82 -0.34 0.00	17.17 -0.34 0.00	18.48 -0.37 0.00	25.08 -0.64 0.00	23.23 -0.59 0.00	27.69 -0.68 0.00	19.01 -0.53 0.00	18.51 -0.59 0.00	17.01 -0.66 0.00	15.29 -0.58 0.00	9.57 -0.37 0.00	10.95 -0.50 0.00	13.95 -0.67 0.00	12.28 -0.64 0.00	16.51 -0.82 0.00	21.44 -0.85 0.00	30.01 -0.92 0.00	25.72 -0.87 0.00	26.30 -0.88 0.00	19.98 -0.67 0.00	19.02 -0.55 0.00
LINDEN COGEN____ 23786	17.52 0.18 0.00	15.17 0.12 0.00	14.80 0.11 0.00	17.29 0.12 0.00	17.63 0.12 0.00	18.95 0.11 0.00	26.10 0.39 0.00	24.49 0.67 0.01	28.95 0.58 0.00	20.03 0.49 0.00	19.53 0.43 0.00	18.05 0.38 0.00	16.24 0.37 0.00	10.22 0.27 0.00	11.79 0.35 0.00	15.06 0.43 0.00	13.35 0.43 0.00	17.85 0.51 0.00	22.86 0.57 0.00	31.97 1.04 0.00	27.31 0.73 0.00	27.80 0.63 0.00	21.03 0.38 0.00	19.73 0.16 0.00
LINDHRST_69_KV_BK1 356055	17.93 0.58 0.00	15.52 0.47 0.00	15.14 0.44 0.00	17.65 0.49 0.00	18.05 0.53 0.00	19.42 0.58 0.00	26.94 1.22 0.00	25.13 1.31 0.00	29.49 1.12 0.00	20.34 0.80 0.00	19.91 0.80 0.00	18.36 0.69 0.00	16.42 0.54 0.00	10.30 0.36 0.00	11.93 0.48 0.00	15.23 0.60 0.00	13.51 0.59 0.00	18.11 0.78 0.00	23.34 1.05 0.00	32.53 1.60 0.00	27.94 1.36 0.00	28.52 1.35 0.00	21.59 0.93 0.00	20.23 0.65 0.00
LIPA_MISC_IPP 23656	17.74 0.39 0.00	15.38 0.33 0.00	15.01 0.32 0.00	17.51 0.35 0.00	17.92 0.42 0.00	19.30 0.45 0.00	26.90 1.19 0.00	25.00 1.18 0.00	29.27 0.90 0.00	20.18 0.64 0.00	19.74 0.64 0.00	18.20 0.54 0.00	16.22 0.35 0.00	10.18 0.23 0.00	11.78 0.33 0.00	15.05 0.42 0.00	13.39 0.47 0.00	17.88 0.55 0.00	23.10 0.81 0.00	32.10 1.16 0.00	27.69 1.10 0.00	28.23 1.06 0.00	21.37 0.72 0.00	20.00 0.42 0.00
LISF__SOLAR 323691	17.76 0.41 0.00	15.40 0.35 0.00	15.03 0.34 0.00	17.54 0.38 0.00	17.94 0.43 0.00	19.33 0.48 0.00	26.95 1.24 0.00	25.04 1.23 0.00	29.31 0.93 0.00	20.20 0.66 0.00	19.76 0.65 0.00	18.21 0.55 0.00	16.22 0.35 0.00	10.18 0.23 0.00	11.78 0.33 0.00	15.05 0.42 0.00	13.40 0.47 0.00	17.89 0.56 0.00	23.15 0.85 0.00	32.16 1.23 0.00	27.74 1.16 0.00	28.29 1.11 0.00	21.40 0.75 0.00	20.03 0.45 0.00
LITTLE FALLS____HYD 24013	16.96 -0.38 0.00	14.73 -0.31 0.00	14.39 -0.31 0.00	16.83 -0.34 0.00	17.20 -0.31 0.00	18.57 -0.28 0.00	25.52 -0.19 0.00	23.88 0.07 0.00	28.03 -0.34 0.00	19.04 -0.50 0.00	18.52 -0.58 0.00	17.16 -0.50 0.00	15.37 -0.50 0.00	9.64 -0.30 0.00	11.16 -0.28 0.00	14.34 -0.29 0.00	12.73 -0.20 0.00	17.12 -0.22 0.00	22.12 -0.18 0.00	30.95 0.02 0.00	26.48 -0.10 0.00	26.93 -0.25 0.00	20.28 -0.37 0.00	19.01 -0.56 0.00
LITTLRIV_115KV_TB1 356100	17.51 0.16 0.00	15.17 0.13 0.00	14.80 0.11 0.00	17.22 0.06 0.00	17.53 0.03 0.00	18.93 0.08 0.00	25.83 0.12 0.00	23.79 -0.02 0.00	28.55 0.18 0.00	19.60 0.06 0.00	19.16 0.06 0.00	17.70 0.04 0.00	15.87 0.00 0.00	9.88 -0.07 0.00	11.34 -0.11 0.00	14.47 -0.15 0.00	12.73 -0.19 0.00	17.16 -0.17 0.00	22.40 0.11 0.00	31.05 0.12 0.00	26.76 0.17 0.00	27.45 0.28 0.00	20.87 0.21 0.00	19.68 0.11 0.00

LI_NEWBRDGE___DRP 323616	17.70 0.35 0.00	15.32 0.27 0.00	14.94 0.25 0.00	17.43 0.27 0.00	17.81 0.30 0.00	19.15 0.31 0.00	26.49 0.78 0.00	24.75 0.93 0.00	29.12 0.75 0.00	20.10 0.56 0.00	19.66 0.56 0.00	18.15 0.48 0.00	16.26 0.39 0.00	10.22 0.27 0.00	11.81 0.36 0.00	15.07 0.45 0.00	13.37 0.45 0.00	17.91 0.57 0.00	23.02 0.73 0.00	32.09 1.16 0.00	27.52 0.94 0.00	28.09 0.91 0.00	21.26 0.61 0.00	19.93 0.36 0.00
LOCKPORT_115KV_TB60_63_64 80432	15.83 -1.52 0.00	13.68 -1.37 0.00	13.44 -1.25 0.00	15.73 -1.43 0.00	16.01 -1.50 0.00	17.35 -1.50 0.00	23.25 -2.46 0.00	21.29 -2.52 0.00	25.46 -2.91 0.00	17.91 -1.63 0.00	17.67 -1.43 0.00	16.29 -1.38 0.00	14.75 -1.12 0.00	9.22 -0.72 0.00	10.70 -0.75 0.00	13.52 -1.11 0.00	11.87 -1.06 0.00	15.78 -1.56 0.00	20.25 -2.04 0.00	28.04 -2.89 0.00	24.08 -2.51 0.00	24.69 -2.49 0.00	19.06 -1.60 0.00	18.73 -0.85 0.00
LOCKPORT___CC1 323769	15.81 -1.54 0.00	13.67 -1.38 0.00	13.43 -1.26 0.00	15.72 -1.44 0.00	16.07 -1.44 0.00	17.34 -1.51 0.00	23.23 -2.48 0.00	21.27 -2.55 0.00	25.44 -2.93 0.00	17.90 -1.64 0.00	17.67 -1.43 0.00	16.30 -1.37 0.00	14.75 -1.12 0.00	9.23 -0.72 0.00	10.70 -0.75 0.00	13.52 -1.11 0.00	11.87 -1.06 0.00	15.77 -1.56 0.00	20.24 -2.05 0.00	28.01 -2.92 0.00	24.05 -2.53 0.00	24.68 -2.50 0.00	19.05 -1.61 0.00	18.73 -0.84 0.00
LOCKPORT___CC2 323770	15.81 -1.54 0.00	13.67 -1.38 0.00	13.43 -1.26 0.00	15.72 -1.44 0.00	16.07 -1.44 0.00	17.34 -1.51 0.00	23.23 -2.48 0.00	21.27 -2.55 0.00	25.44 -2.93 0.00	17.90 -1.64 0.00	17.67 -1.43 0.00	16.30 -1.37 0.00	14.75 -1.12 0.00	9.23 -0.72 0.00	10.70 -0.75 0.00	13.52 -1.11 0.00	11.87 -1.06 0.00	15.77 -1.56 0.00	20.24 -2.05 0.00	28.01 -2.92 0.00	24.05 -2.53 0.00	24.68 -2.50 0.00	19.05 -1.61 0.00	18.73 -0.84 0.00
LOCKPORT___CC3 323771	15.81 -1.54 0.00	13.67 -1.38 0.00	13.43 -1.26 0.00	15.72 -1.44 0.00	16.07 -1.44 0.00	17.34 -1.51 0.00	23.23 -2.48 0.00	21.27 -2.55 0.00	25.44 -2.93 0.00	17.90 -1.64 0.00	17.67 -1.43 0.00	16.30 -1.37 0.00	14.75 -1.12 0.00	9.23 -0.72 0.00	10.70 -0.75 0.00	13.52 -1.11 0.00	11.87 -1.06 0.00	15.77 -1.56 0.00	20.24 -2.05 0.00	28.01 -2.92 0.00	24.05 -2.53 0.00	24.68 -2.50 0.00	19.05 -1.61 0.00	18.73 -0.84 0.00
LONG_LAKE_PHOENIX 24014	17.01 -0.34 0.00	14.74 -0.31 0.00	14.39 -0.31 0.00	16.82 -0.34 0.00	17.17 -0.33 0.00	18.48 -0.37 0.00	25.11 -0.60 0.00	23.30 -0.52 0.00	27.67 -0.70 0.00	19.07 -0.47 0.00	18.62 -0.48 0.00	17.23 -0.44 0.00	15.47 -0.40 0.00	9.69 -0.26 0.00	11.13 -0.31 0.00	14.21 -0.42 0.00	12.55 -0.37 0.00	16.85 -0.48 0.00	21.66 -0.64 0.00	30.10 -0.83 0.00	25.84 -0.75 0.00	26.41 -0.77 0.00	20.15 -0.50 0.00	19.25 -0.32 0.00
LOVETT___3 23632	17.58 0.23 0.00	15.21 0.16 0.00	14.85 0.15 0.00	17.34 0.17 0.00	17.72 0.21 0.00	19.05 0.20 0.00	26.21 0.50 0.00	24.55 0.73 0.00	29.03 0.66 0.00	20.04 0.50 0.00	19.52 0.42 0.00	18.03 0.36 0.00	16.20 0.33 0.00	10.19 0.24 0.00	11.75 0.30 0.00	15.02 0.39 0.00	13.31 0.39 0.00	17.83 0.49 0.00	22.89 0.59 0.00	31.98 1.05 0.00	27.35 0.76 0.00	27.86 0.69 0.00	21.09 0.43 0.00	19.82 0.25 0.00
LOVETT___4 23642	17.58 0.23 0.00	15.21 0.16 0.00	14.85 0.15 0.00	17.34 0.17 0.00	17.72 0.21 0.00	19.05 0.20 0.00	26.21 0.50 0.00	24.55 0.73 0.00	29.03 0.66 0.00	20.04 0.50 0.00	19.52 0.42 0.00	18.03 0.36 0.00	16.20 0.33 0.00	10.19 0.24 0.00	11.75 0.30 0.00	15.02 0.39 0.00	13.31 0.39 0.00	17.83 0.49 0.00	22.89 0.59 0.00	31.98 1.05 0.00	27.35 0.76 0.00	27.86 0.69 0.00	21.09 0.43 0.00	19.82 0.25 0.00
LOVETT___5 23593	17.58 0.23 0.00	15.21 0.16 0.00	14.85 0.15 0.00	17.34 0.17 0.00	17.72 0.21 0.00	19.05 0.20 0.00	26.21 0.50 0.00	24.55 0.73 0.00	29.03 0.66 0.00	20.04 0.50 0.00	19.52 0.42 0.00	18.03 0.36 0.00	16.20 0.33 0.00	10.19 0.24 0.00	11.75 0.30 0.00	15.02 0.39 0.00	13.31 0.39 0.00	17.83 0.49 0.00	22.89 0.59 0.00	31.98 1.05 0.00	27.35 0.76 0.00	27.86 0.69 0.00	21.09 0.43 0.00	19.82 0.25 0.00
LOWER RAQUET___HYD 24057	17.20 -0.15 0.00	14.91 -0.14 0.00	14.53 -0.16 0.00	16.90 -0.26 0.00	17.20 -0.31 0.00	18.55 -0.29 0.00	25.29 -0.42 0.00	23.30 -0.52 0.00	27.96 -0.41 0.00	19.27 -0.27 0.00	18.83 -0.27 0.00	17.39 -0.28 0.00	15.63 -0.24 0.00	9.74 -0.21 0.00	11.17 -0.28 0.00	14.27 -0.36 0.00	12.53 -0.39 0.00	16.87 -0.46 0.00	21.97 -0.32 0.00	30.40 -0.53 0.00	26.19 -0.39 0.00	26.90 -0.28 0.00	20.42 -0.23 0.00	19.26 -0.31 0.00
LOWER___HUDSON 24059	17.52 0.17 0.00	15.24 0.19 0.00	14.87 0.18 0.00	17.39 0.23 0.00	17.76 0.25 0.00	19.14 0.29 0.00	26.27 0.55 0.00	24.55 0.73 0.00	28.96 0.60 0.00	19.80 0.26 0.00	19.28 0.17 0.00	17.84 0.17 0.00	15.99 0.12 0.00	10.04 0.09 0.00	11.58 0.13 0.00	14.85 0.22 0.00	13.17 0.24 0.00	17.70 0.36 0.00	22.72 0.43 0.00	31.67 0.74 0.00	27.15 0.57 0.00	27.76 0.58 0.00	20.94 0.28 0.00	19.70 0.13 0.00
LOWVILLE_115KV_TB2 356335	17.68 0.33 0.00	15.30 0.26 0.00	14.79 0.10 0.00	17.22 0.06 0.00	17.57 0.06 0.00	18.92 0.07 0.00	25.62 -0.09 0.00	23.71 -0.11 0.00	28.52 0.15 0.00	19.47 -0.07 0.00	18.89 -0.22 0.00	17.27 -0.40 0.00	15.50 -0.37 0.00	9.71 -0.24 0.00	11.01 -0.43 0.00	13.97 -0.66 0.00	12.22 -0.71 0.00	16.54 -0.80 0.00	21.74 -0.55 0.00	30.66 -0.27 0.00	26.19 -0.39 0.00	26.73 -0.45 0.00	20.17 -0.49 0.00	19.00 -0.58 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	17.76 0.41 0.00	15.44 0.39 0.00	15.07 0.38 0.00	17.62 0.47 0.00	18.01 0.51 0.00	19.43 0.58 0.00	26.68 0.97 0.00	24.91 1.09 0.00	29.37 1.00 0.00	20.03 0.49 0.00	19.47 0.36 0.00	18.01 0.34 0.00	16.12 0.25 0.00	10.12 0.17 0.00	11.68 0.24 0.00	15.00 0.37 0.00	13.33 0.41 0.00	17.94 0.61 0.00	23.08 0.79 0.00	32.17 1.24 0.00	27.59 1.01 0.00	28.13 0.96 0.00	21.21 0.55 0.00	19.97 0.40 0.00
LUTHERNY_35_KV_BK2 355980	17.75 0.41 0.00	15.44 0.39 0.00	15.06 0.37 0.00	17.63 0.47 0.00	18.02 0.51 0.00	19.43 0.58 0.00	26.70 0.98 0.00	24.92 1.10 0.00	29.38 1.01 0.00	20.03 0.49 0.00	19.46 0.36 0.00	18.00 0.33 0.00	16.11 0.24 0.00	10.11 0.17 0.00	11.68 0.24 0.00	15.00 0.37 0.00	13.33 0.41 0.00	17.95 0.62 0.00	23.11 0.82 0.00	32.19 1.25 0.00	27.60 1.02 0.00	28.16 0.98 0.00	21.20 0.54 0.00	19.97 0.39 0.00
LWR___OSWEGATCHIE_HYD 23850	17.19 -0.16 0.00	14.89 -0.15 0.00	14.47 -0.22 0.00	16.83 -0.33 0.00	17.16 -0.35 0.00	18.49 -0.36 0.00	25.13 -0.58 0.00	23.19 -0.62 0.00	27.87 -0.50 0.00	19.10 -0.44 0.00	18.58 -0.53 0.00	17.06 -0.61 0.00	15.33 -0.54 0.00	9.57 -0.37 0.00	10.91 -0.53 0.00	13.91 -0.72 0.00	12.19 -0.74 0.00	16.45 -0.88 0.00	21.55 -0.74 0.00	30.12 -0.81 0.00	25.84 -0.74 0.00	26.46 -0.72 0.00	20.03 -0.63 0.00	18.88 -0.70 0.00

LYONS_FALL_HYD 23570	17.80 0.45 0.00	15.41 0.36 0.00	14.87 0.17 0.00	17.32 0.16 0.00	17.70 0.19 0.00	19.06 0.22 0.00	25.92 0.21 0.00	24.02 0.20 0.00	28.74 0.37 0.00	19.66 0.12 0.00	19.13 0.03 0.00	17.57 -0.09 0.00	15.76 -0.11 0.00	9.87 -0.07 0.00	11.24 -0.20 0.00	14.30 -0.33 0.00	12.56 -0.36 0.00	16.97 -0.37 0.00	22.14 -0.15 0.00	31.06 0.12 0.00	26.58 -0.01 0.00	27.12 -0.06 0.00	20.51 -0.15 0.00	19.35 -0.22 0.00
MADISON___COUNTY_LFGE 323628	17.74 0.39 0.00	15.36 0.32 0.00	15.01 0.32 0.00	17.55 0.39 0.00	17.97 0.46 0.00	19.38 0.53 0.00	26.44 0.73 0.00	24.56 0.75 0.00	29.17 0.80 0.00	19.96 0.42 0.00	19.50 0.39 0.00	18.05 0.39 0.00	16.18 0.31 0.00	10.11 0.16 0.00	11.54 0.09 0.00	14.73 0.11 0.00	13.03 0.10 0.00	17.56 0.23 0.00	22.73 0.43 0.00	31.68 0.75 0.00	27.16 0.57 0.00	27.71 0.53 0.00	21.03 0.37 0.00	19.93 0.35 0.00
MALONE___115KV_TB1 356076	17.91 0.56 0.00	15.54 0.50 0.00	15.11 0.42 0.00	17.52 0.36 0.00	17.71 0.20 0.00	19.09 0.24 0.00	26.15 0.44 0.00	24.25 0.44 0.00	28.97 0.60 0.00	20.09 0.55 0.00	19.65 0.55 0.00	18.20 0.54 0.00	16.36 0.49 0.00	10.20 0.25 0.00	11.70 0.26 0.00	14.91 0.28 0.00	13.12 0.20 0.00	17.67 0.34 0.00	22.89 0.59 0.00	31.69 0.76 0.00	27.38 0.79 0.00	28.07 0.89 0.00	21.47 0.81 0.00	20.19 0.61 0.00
MAPLEWOD_115KV_TB3 80458	17.62 0.27 0.00	15.30 0.26 0.00	14.93 0.24 0.00	17.46 0.29 0.00	17.83 0.32 0.00	19.21 0.36 0.00	26.35 0.63 0.00	24.62 0.80 0.00	29.09 0.72 0.00	19.91 0.37 0.00	19.40 0.30 0.00	17.94 0.27 0.00	16.07 0.20 0.00	10.09 0.14 0.00	11.63 0.18 0.00	14.89 0.26 0.00	13.20 0.28 0.00	17.74 0.41 0.00	22.76 0.47 0.00	31.73 0.80 0.00	27.19 0.60 0.00	27.79 0.61 0.00	21.00 0.35 0.00	19.77 0.19 0.00
MAPLE_RIDGE_WT_1 323574	17.39 0.04 0.00	15.09 0.04 0.00	14.73 0.04 0.00	17.19 0.03 0.00	17.52 0.01 0.00	18.78 -0.07 0.00	25.40 -0.31 0.00	23.34 -0.47 0.00	27.96 -0.41 0.00	19.33 -0.21 0.00	18.95 -0.15 0.00	17.54 -0.13 0.00	15.79 -0.08 0.00	9.92 -0.03 0.00	11.36 -0.08 0.00	14.51 -0.12 0.00	12.76 -0.16 0.00	17.07 -0.26 0.00	22.11 -0.18 0.00	30.74 -0.19 0.00	26.41 -0.17 0.00	26.97 -0.20 0.00	20.48 -0.18 0.00	19.33 -0.25 0.00
MAPLE_RIDGE_WT_2 323611	17.39 0.04 0.00	15.09 0.04 0.00	14.73 0.04 0.00	17.19 0.03 0.00	17.52 0.01 0.00	18.78 -0.07 0.00	25.40 -0.31 0.00	23.34 -0.47 0.00	27.96 -0.41 0.00	19.33 -0.21 0.00	18.95 -0.15 0.00	17.54 -0.13 0.00	15.79 -0.08 0.00	9.92 -0.03 0.00	11.36 -0.08 0.00	14.51 -0.12 0.00	12.76 -0.16 0.00	17.07 -0.26 0.00	22.11 -0.18 0.00	30.74 -0.19 0.00	26.41 -0.17 0.00	26.97 -0.20 0.00	20.48 -0.18 0.00	19.33 -0.25 0.00
MARBLE_RIVER_WT_PWR 323696	17.85 0.50 0.00	15.51 0.47 0.00	15.08 0.38 0.00	17.48 0.32 0.00	17.59 0.09 0.00	18.93 0.08 0.00	25.94 0.23 0.00	24.07 0.25 0.00	28.70 0.33 0.00	19.95 0.41 0.00	19.51 0.40 0.00	18.12 0.45 0.00	16.31 0.44 0.00	10.18 0.24 0.00	11.72 0.27 0.00	14.94 0.31 0.00	13.15 0.23 0.00	17.67 0.34 0.00	22.81 0.52 0.00	31.57 0.64 0.00	27.29 0.71 0.00	27.98 0.80 0.00	21.28 0.62 0.00	20.18 0.60 0.00
MARSHVLE_115KV_TB1 80742	18.38 1.03 0.00	15.92 0.87 0.00	15.55 0.86 0.00	18.15 0.99 0.00	18.53 1.02 0.00	19.97 1.13 0.00	27.16 1.44 0.00	25.01 1.19 0.00	29.75 1.38 0.00	20.54 1.00 0.00	20.11 1.01 0.00	18.58 0.91 0.00	16.70 0.83 0.00	10.47 0.52 0.00	12.02 0.57 0.00	15.33 0.71 0.00	13.55 0.63 0.00	18.21 0.87 0.00	23.62 1.33 0.00	32.88 1.94 0.00	28.14 1.55 0.00	28.62 1.45 0.00	21.84 1.18 0.00	20.78 1.21 0.00
MARSH_HILL_WT_PWR 323713	16.14 -1.21 0.00	14.24 -0.80 0.00	13.36 -1.33 0.00	15.96 -1.20 0.00	16.52 -0.99 0.00	17.56 -1.29 0.00	24.26 -1.45 0.00	22.49 -1.33 0.00	26.50 -1.86 0.00	18.74 -0.80 0.00	18.59 -0.51 0.00	17.27 -0.40 0.00	15.50 -0.37 0.00	9.55 -0.40 0.00	10.85 -0.60 0.00	13.84 -0.79 0.00	12.21 -0.71 0.00	16.44 -0.89 0.00	21.43 -0.87 0.00	30.36 -0.57 0.00	26.07 -0.52 0.00	26.53 -0.65 0.00	20.43 -0.22 0.00	19.67 0.09 0.00
MCINTYRE_115KV_TB2 80467	17.74 0.39 0.00	15.37 0.32 0.00	14.99 0.30 0.00	17.46 0.30 0.00	17.79 0.28 0.00	19.21 0.36 0.00	26.22 0.51 0.00	24.13 0.31 0.00	28.93 0.56 0.00	19.80 0.26 0.00	19.37 0.27 0.00	17.92 0.26 0.00	16.04 0.16 0.00	9.99 0.04 0.00	11.47 0.02 0.00	14.63 0.00 0.00	12.89 -0.04 0.00	17.37 0.03 0.00	22.68 0.39 0.00	31.50 0.56 0.00	27.14 0.56 0.00	27.84 0.66 0.00	21.19 0.53 0.00	19.99 0.42 0.00
MECO_____69_KV_BK1 80468	18.93 1.59 0.00	16.38 1.34 0.00	16.00 1.30 0.00	18.68 1.52 0.00	19.11 1.60 0.00	20.68 1.83 0.00	28.40 2.69 0.00	26.29 2.47 0.00	31.03 2.65 0.00	21.01 1.47 0.00	20.38 1.28 0.00	18.67 1.01 0.00	16.74 0.87 0.00	10.50 0.55 0.00	12.08 0.64 0.00	15.63 1.00 0.00	13.83 0.91 0.00	18.73 1.39 0.00	24.54 2.25 0.00	34.32 3.38 0.00	29.32 2.74 0.00	29.82 2.64 0.00	22.59 1.94 0.00	21.40 1.82 0.00
MENANDS___115KV_TB5 355628	17.58 0.23 0.00	15.27 0.23 0.00	14.91 0.21 0.00	17.43 0.27 0.00	17.79 0.29 0.00	19.17 0.32 0.00	26.29 0.58 0.00	24.57 0.75 0.00	29.02 0.65 0.00	19.87 0.33 0.00	19.38 0.28 0.00	17.92 0.26 0.00	16.05 0.18 0.00	10.08 0.13 0.00	11.61 0.16 0.00	14.88 0.25 0.00	13.18 0.25 0.00	17.70 0.36 0.00	22.70 0.40 0.00	31.64 0.71 0.00	27.10 0.51 0.00	27.71 0.53 0.00	20.94 0.29 0.00	19.72 0.14 0.00
MG INDUSTRY___DRP 24185	17.67 0.32 0.00	15.35 0.31 0.00	14.99 0.29 0.00	17.52 0.36 0.00	17.89 0.38 0.00	19.28 0.43 0.00	26.39 0.68 0.00	24.55 0.73 0.00	29.02 0.65 0.00	19.86 0.33 0.00	19.37 0.27 0.00	17.89 0.22 0.00	16.01 0.14 0.00	10.03 0.08 0.00	11.46 0.01 0.00	14.75 0.12 0.00	12.82 -0.11 0.00	17.22 -0.11 0.00	22.13 -0.16 0.00	30.82 -0.11 0.00	26.41 -0.17 0.00	26.99 -0.18 0.00	20.43 -0.23 0.00	19.27 -0.30 0.00
MID___OSWEGATCHIE_HYD 23849	17.19 -0.16 0.00	14.89 -0.15 0.00	14.47 -0.22 0.00	16.83 -0.33 0.00	17.16 -0.35 0.00	18.49 -0.36 0.00	25.13 -0.58 0.00	23.19 -0.62 0.00	27.87 -0.50 0.00	19.10 -0.44 0.00	18.58 -0.53 0.00	17.06 -0.61 0.00	15.33 -0.54 0.00	9.57 -0.37 0.00	10.91 -0.53 0.00	13.91 -0.72 0.00	12.19 -0.74 0.00	16.45 -0.88 0.00	21.55 -0.74 0.00	30.12 -0.81 0.00	25.84 -0.74 0.00	26.46 -0.72 0.00	20.03 -0.63 0.00	18.88 -0.70 0.00
MID___RAQUETTE_HYD 23851	17.20 -0.15 0.00	14.91 -0.14 0.00	14.53 -0.16 0.00	16.90 -0.26 0.00	17.20 -0.31 0.00	18.56 -0.29 0.00	25.29 -0.42 0.00	23.30 -0.52 0.00	27.96 -0.41 0.00	19.27 -0.27 0.00	18.83 -0.27 0.00	17.39 -0.28 0.00	15.63 -0.24 0.00	9.74 -0.21 0.00	11.17 -0.28 0.00	14.27 -0.36 0.00	12.53 -0.39 0.00	16.87 -0.46 0.00	21.97 -0.32 0.00	30.40 -0.53 0.00	26.19 -0.39 0.00	26.90 -0.28 0.00	20.42 -0.23 0.00	19.26 -0.31 0.00

MILLIKEN___1 23584	17.47 0.13 0.00	15.15 0.10 0.00	14.80 0.10 0.00	17.31 0.15 0.00	17.63 0.12 0.00	19.04 0.19 0.00	25.99 0.28 0.00	24.33 0.51 0.00	28.72 0.35 0.00	19.75 0.21 0.00	19.23 0.13 0.00	17.76 0.09 0.00	16.00 0.13 0.00	10.00 0.05 0.00	11.45 0.00 0.00	14.67 0.04 0.00	12.97 0.05 0.00	17.43 0.10 0.00	22.49 0.20 0.00	31.32 0.39 0.00	26.85 0.27 0.00	27.46 0.29 0.00	20.91 0.25 0.00	19.92 0.35 0.00
MILLIKEN___2 23585	17.47 0.13 0.00	15.15 0.10 0.00	14.80 0.10 0.00	17.31 0.15 0.00	17.63 0.12 0.00	19.04 0.19 0.00	25.99 0.28 0.00	24.33 0.51 0.00	28.72 0.35 0.00	19.75 0.21 0.00	19.23 0.13 0.00	17.76 0.09 0.00	16.00 0.13 0.00	10.00 0.05 0.00	11.45 0.00 0.00	14.67 0.04 0.00	12.97 0.05 0.00	17.43 0.10 0.00	22.49 0.20 0.00	31.32 0.39 0.00	26.85 0.27 0.00	27.46 0.29 0.00	20.91 0.25 0.00	19.92 0.35 0.00
MILLIKEN___DIESEL 23629	17.47 0.13 0.00	15.15 0.10 0.00	14.80 0.10 0.00	17.31 0.15 0.00	17.63 0.12 0.00	19.04 0.19 0.00	25.99 0.28 0.00	24.33 0.51 0.00	28.72 0.35 0.00	19.75 0.21 0.00	19.23 0.13 0.00	17.76 0.09 0.00	16.00 0.13 0.00	10.00 0.05 0.00	11.45 0.00 0.00	14.67 0.04 0.00	12.97 0.05 0.00	17.43 0.10 0.00	22.49 0.20 0.00	31.32 0.39 0.00	26.85 0.27 0.00	27.46 0.29 0.00	20.91 0.25 0.00	19.92 0.35 0.00
MILLSEAT___LFGE 323607	16.17 -1.18 0.00	13.98 -1.07 0.00	13.72 -0.97 0.00	16.06 -1.10 0.00	16.42 -1.09 0.00	17.73 -1.12 0.00	23.85 -1.86 0.00	21.55 -2.26 0.00	25.52 -2.85 0.00	17.98 -1.57 0.00	17.88 -1.23 0.00	16.39 -1.27 0.00	15.00 -0.87 0.00	9.36 -0.59 0.00	10.84 -0.61 0.00	13.72 -0.91 0.00	12.05 -0.87 0.00	16.09 -1.24 0.00	20.74 -1.55 0.00	28.78 -2.16 0.00	24.70 -1.88 0.00	25.30 -1.87 0.00	19.48 -1.18 0.00	19.07 -0.50 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	17.61 0.27 0.00	15.24 0.20 0.00	14.88 0.19 0.00	17.37 0.21 0.00	17.75 0.24 0.00	19.08 0.23 0.00	26.27 0.56 0.00	24.61 0.79 0.00	29.09 0.72 0.00	20.08 0.54 0.00	19.56 0.46 0.00	18.08 0.41 0.00	16.24 0.37 0.00	10.21 0.27 0.00	11.78 0.33 0.00	15.06 0.43 0.00	13.35 0.43 0.00	17.88 0.55 0.00	22.95 0.65 0.00	32.07 1.13 0.00	27.42 0.83 0.00	27.92 0.75 0.00	21.13 0.47 0.00	19.84 0.27 0.00
MILLWOOD_13_KV_LOAD 356217	17.64 0.30 0.00	15.27 0.23 0.00	14.91 0.22 0.00	17.40 0.24 0.00	17.78 0.28 0.00	19.13 0.28 0.00	26.34 0.62 0.00	24.66 0.85 0.00	29.16 0.79 0.00	20.13 0.58 0.00	19.62 0.52 0.00	18.12 0.45 0.00	16.28 0.41 0.00	10.24 0.29 0.00	11.81 0.37 0.00	15.10 0.47 0.00	13.38 0.46 0.00	17.92 0.59 0.00	23.01 0.71 0.00	32.15 1.22 0.00	27.49 0.90 0.00	28.00 0.82 0.00	21.17 0.52 0.00	19.88 0.31 0.00
MODEL_CITY_ENERGY 24167	15.65 -1.70 0.00	13.53 -1.52 0.00	13.30 -1.39 0.00	15.55 -1.61 0.00	15.89 -1.62 0.00	17.14 -1.71 0.00	22.96 -2.75 0.00	21.01 -2.81 0.00	25.14 -3.23 0.00	17.69 -1.85 0.00	17.47 -1.63 0.00	16.12 -1.55 0.00	14.60 -1.28 0.00	9.13 -0.82 0.00	10.59 -0.86 0.00	13.38 -1.24 0.00	11.75 -1.17 0.00	15.61 -1.72 0.00	20.01 -2.28 0.00	27.68 -3.25 0.00	23.76 -2.82 0.00	24.37 -2.80 0.00	18.83 -1.82 0.00	18.53 -1.04 0.00
MODERN_LFGE___ 323580	15.65 -1.70 0.00	13.53 -1.52 0.00	13.30 -1.39 0.00	15.55 -1.61 0.00	15.89 -1.62 0.00	17.14 -1.71 0.00	22.96 -2.75 0.00	21.01 -2.81 0.00	25.14 -3.23 0.00	17.69 -1.85 0.00	17.47 -1.63 0.00	16.12 -1.55 0.00	14.60 -1.28 0.00	9.13 -0.82 0.00	10.59 -0.86 0.00	13.38 -1.24 0.00	11.75 -1.17 0.00	15.61 -1.72 0.00	20.01 -2.28 0.00	27.68 -3.25 0.00	23.76 -2.82 0.00	24.37 -2.80 0.00	18.83 -1.82 0.00	18.53 -1.04 0.00
MOHAWK_PAPER___DRP 24187	17.62 0.27 0.00	15.30 0.26 0.00	14.93 0.24 0.00	17.46 0.29 0.00	17.83 0.32 0.00	19.21 0.36 0.00	26.35 0.63 0.00	24.62 0.80 0.00	29.09 0.72 0.00	19.91 0.37 0.00	19.40 0.30 0.00	17.94 0.27 0.00	16.07 0.20 0.00	10.09 0.14 0.00	11.63 0.18 0.00	14.89 0.26 0.00	13.20 0.28 0.00	17.74 0.41 0.00	22.76 0.47 0.00	31.73 0.80 0.00	27.19 0.60 0.00	27.79 0.61 0.00	21.00 0.35 0.00	19.77 0.19 0.00
MOHICAN___35_KV_115KV_LD 80490	17.82 0.47 0.00	15.53 0.49 0.00	15.16 0.47 0.00	17.75 0.59 0.00	18.14 0.63 0.00	19.62 0.77 0.00	26.96 1.25 0.00	25.23 1.41 0.00	29.66 1.29 0.00	20.12 0.58 0.00	19.49 0.39 0.00	18.05 0.38 0.00	16.14 0.27 0.00	10.12 0.17 0.00	11.69 0.25 0.00	15.03 0.40 0.00	13.38 0.46 0.00	18.07 0.73 0.00	23.23 0.94 0.00	32.40 1.47 0.00	27.86 1.28 0.00	28.33 1.15 0.00	21.26 0.60 0.00	20.01 0.43 0.00
MONGAUP___HYD 23641	17.55 0.21 0.00	15.18 0.14 0.00	14.82 0.13 0.00	17.30 0.14 0.00	17.71 0.20 0.00	19.03 0.18 0.00	26.02 0.31 0.00	24.33 0.52 0.00	28.82 0.45 0.00	19.73 0.19 0.00	19.14 0.04 0.00	17.63 -0.04 0.00	15.81 -0.06 0.00	9.94 -0.01 0.00	11.46 0.02 0.00	14.66 0.03 0.00	13.04 0.11 0.00	17.59 0.26 0.00	22.68 0.38 0.00	31.71 0.78 0.00	27.15 0.57 0.00	27.66 0.48 0.00	20.94 0.28 0.00	19.84 0.27 0.00
MONTAUK___DIESEL 23721	17.84 0.49 0.00	15.55 0.51 0.00	15.27 0.57 0.00	17.84 0.68 0.00	18.31 0.79 0.00	19.76 0.91 0.00	27.57 1.86 0.00	25.68 1.86 0.00	30.04 1.67 0.00	20.68 1.14 0.00	20.18 1.07 0.00	18.57 0.90 0.00	16.52 0.65 0.00	10.36 0.41 0.00	12.00 0.55 0.00	15.33 0.70 0.00	13.68 0.75 0.00	18.26 0.93 0.00	23.64 1.34 0.00	32.88 1.95 0.00	28.26 1.67 0.00	28.73 1.55 0.00	21.71 1.05 0.00	20.27 0.69 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	16.01 -1.33 0.00	13.68 -1.37 0.00	13.63 -1.06 0.00	16.08 -1.08 0.00	16.19 -1.32 0.00	17.72 -1.12 0.00	24.07 -1.64 0.00	21.94 -1.88 0.00	26.15 -2.22 0.00	18.65 -0.89 0.00	18.50 -0.60 0.00	17.10 -0.57 0.00	15.53 -0.35 0.00	9.70 -0.25 0.00	11.16 -0.28 0.00	14.18 -0.45 0.00	12.39 -0.53 0.00	16.47 -0.86 0.00	21.02 -1.28 0.00	29.26 -1.67 0.00	25.14 -1.45 0.00	25.92 -1.26 0.00	19.97 -0.69 0.00	19.66 0.08 0.00
MORTIMER_115KV_TB3 55949	16.51 -0.84 0.00	14.28 -0.76 0.00	13.99 -0.70 0.00	16.36 -0.80 0.00	16.70 -0.81 0.00	18.04 -0.81 0.00	24.40 -1.31 0.00	22.56 -1.25 0.00	26.87 -1.50 0.00	18.67 -0.87 0.00	18.34 -0.76 0.00	16.93 -0.73 0.00	15.26 -0.61 0.00	9.55 -0.40 0.00	11.04 -0.41 0.00	14.02 -0.61 0.00	12.34 -0.58 0.00	16.49 -0.85 0.00	21.20 -1.09 0.00	29.41 -1.52 0.00	25.24 -1.35 0.00	25.82 -1.36 0.00	19.78 -0.88 0.00	19.13 -0.44 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	17.64 0.30 0.00	15.27 0.23 0.00	14.91 0.21 0.00	17.40 0.24 0.00	17.78 0.27 0.00	19.11 0.26 0.00	26.32 0.60 0.00	24.68 0.86 0.00	29.16 0.79 0.00	20.16 0.62 0.00	19.65 0.55 0.00	18.16 0.50 0.00	16.34 0.46 0.00	10.27 0.33 0.00	11.86 0.41 0.00	15.14 0.51 0.00	13.43 0.51 0.00	17.97 0.63 0.00	23.03 0.73 0.00	32.18 1.25 0.00	27.50 0.91 0.00	28.00 0.82 0.00	21.17 0.52 0.00	19.86 0.29 0.00

MUNSVILLE_WIND_PWR 323609	18.60 1.26 0.00	16.12 1.08 0.00	15.71 1.02 0.00	18.32 1.16 0.00	18.65 1.14 0.00	20.20 1.35 0.00	27.68 1.97 0.00	26.00 2.18 0.00	30.66 2.29 0.00	20.84 1.29 0.00	20.17 1.07 0.00	18.58 0.92 0.00	16.79 0.92 0.00	10.52 0.57 0.00	11.95 0.51 0.00	15.22 0.59 0.00	13.54 0.62 0.00	18.32 0.98 0.00	23.90 1.60 0.00	33.31 2.38 0.00	28.54 1.95 0.00	28.95 1.77 0.00	21.96 1.31 0.00	20.83 1.25 0.00
N SALMON___HYD 24042	17.91 0.56 0.00	15.54 0.50 0.00	15.11 0.42 0.00	17.52 0.36 0.00	17.71 0.20 0.00	19.09 0.24 0.00	26.15 0.44 0.00	24.25 0.44 0.00	28.97 0.60 0.00	20.09 0.55 0.00	19.65 0.55 0.00	18.20 0.53 0.00	16.36 0.49 0.00	10.20 0.25 0.00	11.70 0.26 0.00	14.91 0.28 0.00	13.12 0.20 0.00	17.67 0.34 0.00	22.89 0.59 0.00	31.69 0.76 0.00	27.38 0.79 0.00	28.07 0.89 0.00	21.47 0.81 0.00	20.19 0.61 0.00
N.AKRON__115KV_KNAPP 355671	16.17 -1.18 0.00	13.97 -1.07 0.00	13.72 -0.97 0.00	16.05 -1.11 0.00	16.35 -1.16 0.00	17.73 -1.12 0.00	23.84 -1.87 0.00	21.96 -1.85 0.00	26.27 -2.10 0.00	18.36 -1.18 0.00	18.01 -1.10 0.00	16.59 -1.08 0.00	15.02 -0.85 0.00	9.37 -0.58 0.00	10.85 -0.60 0.00	13.72 -0.91 0.00	12.06 -0.87 0.00	16.09 -1.24 0.00	20.72 -1.57 0.00	28.76 -2.17 0.00	24.69 -1.90 0.00	25.29 -1.89 0.00	19.47 -1.18 0.00	19.06 -0.51 0.00
N.BELMOR_69_KV_BK1 55787	17.83 0.48 0.00	15.43 0.38 0.00	15.05 0.35 0.00	17.55 0.39 0.00	17.93 0.42 0.00	19.29 0.44 0.00	26.71 1.00 0.00	24.97 1.15 0.00	29.35 0.99 0.00	20.25 0.71 0.00	19.82 0.72 0.00	18.29 0.62 0.00	16.38 0.51 0.00	10.29 0.34 0.00	11.90 0.45 0.00	15.18 0.55 0.00	13.46 0.54 0.00	18.03 0.69 0.00	23.20 0.90 0.00	32.35 1.42 0.00	27.75 1.16 0.00	28.31 1.13 0.00	21.44 0.79 0.00	20.09 0.52 0.00
N.E_GEN_SANDY PD 24062	17.25 0.10 0.19	15.23 0.13 -0.06	14.80 0.11 0.00	17.31 0.15 0.00	17.67 0.16 0.00	19.02 0.17 0.00	25.53 0.43 0.61	24.47 0.65 0.00	26.34 0.50 2.53	19.42 0.24 0.36	19.27 0.16 0.00	17.83 0.16 0.00	15.99 0.12 0.00	10.07 0.11 -0.02	11.60 0.15 0.00	14.86 0.23 0.00	13.18 0.26 0.00	17.70 0.36 0.00	22.70 0.41 0.00	31.69 0.75 0.00	27.37 0.55 -0.23	27.81 0.53 -0.10	20.91 0.24 -0.01	19.16 0.05 0.46
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	17.61 0.26 0.00	15.23 0.18 0.00	14.87 0.18 0.00	17.36 0.20 0.00	17.75 0.24 0.00	19.08 0.23 0.00	26.26 0.55 0.00	24.59 0.78 0.00	29.07 0.70 0.00	20.07 0.53 0.00	19.56 0.45 0.00	18.06 0.39 0.00	16.23 0.35 0.00	10.20 0.25 0.00	11.77 0.32 0.00	15.04 0.41 0.00	13.34 0.41 0.00	17.86 0.52 0.00	22.93 0.64 0.00	32.05 1.11 0.00	27.40 0.81 0.00	27.92 0.74 0.00	21.13 0.48 0.00	19.86 0.29 0.00
N.QUEENS_27_KV_LOAD 356247	17.65 0.30 0.00	15.27 0.23 0.00	14.90 0.21 0.00	17.39 0.23 0.00	17.80 0.29 0.00	19.10 0.25 0.00	26.29 0.58 0.00	24.73 0.92 0.00	29.24 0.87 0.00	20.22 0.68 0.00	19.73 0.63 0.00	18.23 0.56 0.00	16.41 0.54 0.00	10.30 0.35 0.00	11.89 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.99 0.66 0.00	23.02 0.73 0.00	32.21 1.28 0.00	27.55 0.97 0.00	28.03 0.85 0.00	21.21 0.56 0.00	19.91 0.34 0.00
N.TROY___115KV_TB1 355778	17.52 0.17 0.00	15.24 0.19 0.00	14.87 0.18 0.00	17.39 0.23 0.00	17.76 0.25 0.00	19.14 0.29 0.00	26.27 0.55 0.00	24.55 0.73 0.00	28.97 0.60 0.00	19.80 0.26 0.00	19.28 0.17 0.00	17.84 0.17 0.00	15.99 0.12 0.00	10.04 0.09 0.00	11.58 0.13 0.00	14.85 0.22 0.00	13.17 0.24 0.00	17.70 0.36 0.00	22.73 0.43 0.00	31.68 0.74 0.00	27.15 0.57 0.00	27.76 0.58 0.00	20.94 0.28 0.00	19.71 0.13 0.00
NARROWS_GT1_1 24228	17.68 0.33 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.76 0.25 0.00	19.10 0.25 0.00	26.32 0.61 0.00	24.70 0.88 0.00	29.18 0.82 0.00	20.20 0.66 0.00	19.70 0.59 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.36 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.98 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.54 0.95 0.00	28.04 0.87 0.00	21.21 0.56 0.00	19.91 0.34 0.00
NARROWS_GT1_2 24229	17.68 0.33 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.76 0.25 0.00	19.10 0.25 0.00	26.32 0.61 0.00	24.70 0.88 0.00	29.18 0.82 0.00	20.20 0.66 0.00	19.70 0.59 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.36 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.98 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.54 0.95 0.00	28.04 0.87 0.00	21.21 0.56 0.00	19.91 0.34 0.00
NARROWS_GT1_3 24230	17.68 0.33 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.76 0.25 0.00	19.10 0.25 0.00	26.32 0.61 0.00	24.70 0.88 0.00	29.18 0.82 0.00	20.20 0.66 0.00	19.70 0.59 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.36 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.98 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.54 0.95 0.00	28.04 0.87 0.00	21.21 0.56 0.00	19.91 0.34 0.00
NARROWS_GT1_4 24231	17.68 0.33 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.76 0.25 0.00	19.10 0.25 0.00	26.32 0.61 0.00	24.70 0.88 0.00	29.18 0.82 0.00	20.20 0.66 0.00	19.70 0.59 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.36 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.98 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.54 0.95 0.00	28.04 0.87 0.00	21.21 0.56 0.00	19.91 0.34 0.00
NARROWS_GT1_5 24232	17.68 0.33 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.76 0.25 0.00	19.10 0.25 0.00	26.32 0.61 0.00	24.70 0.88 0.00	29.18 0.82 0.00	20.20 0.66 0.00	19.70 0.59 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.36 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.98 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.54 0.95 0.00	28.04 0.87 0.00	21.21 0.56 0.00	19.91 0.34 0.00
NARROWS_GT1_6 24233	17.68 0.33 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.76 0.25 0.00	19.10 0.25 0.00	26.32 0.61 0.00	24.70 0.88 0.00	29.18 0.82 0.00	20.20 0.66 0.00	19.70 0.59 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.36 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.98 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.54 0.95 0.00	28.04 0.87 0.00	21.21 0.56 0.00	19.91 0.34 0.00
NARROWS_GT1_7 24234	17.68 0.33 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.76 0.25 0.00	19.10 0.25 0.00	26.32 0.61 0.00	24.70 0.88 0.00	29.18 0.82 0.00	20.20 0.66 0.00	19.70 0.59 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.36 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.98 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.54 0.95 0.00	28.04 0.87 0.00	21.21 0.56 0.00	19.91 0.34 0.00

NARROWS_GT1_8 24235	17.68 0.33 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.76 0.25 0.00	19.10 0.25 0.00	26.32 0.61 0.00	24.70 0.88 0.00	29.18 0.82 0.00	20.20 0.66 0.00	19.70 0.59 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.36 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.98 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.54 0.95 0.00	28.04 0.87 0.00	21.21 0.56 0.00	19.91 0.34 0.00
NARROWS_GT2_1 24236	17.68 0.33 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.76 0.25 0.00	19.10 0.25 0.00	26.32 0.61 0.00	24.70 0.88 0.00	29.18 0.82 0.00	20.20 0.66 0.00	19.70 0.59 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.36 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.98 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.54 0.95 0.00	28.04 0.87 0.00	21.21 0.56 0.00	19.91 0.34 0.00
NARROWS_GT2_2 24237	17.68 0.33 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.76 0.25 0.00	19.10 0.25 0.00	26.32 0.61 0.00	24.70 0.88 0.00	29.18 0.82 0.00	20.20 0.66 0.00	19.70 0.59 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.36 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.98 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.54 0.95 0.00	28.04 0.87 0.00	21.21 0.56 0.00	19.91 0.34 0.00
NARROWS_GT2_3 24238	17.68 0.33 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.76 0.25 0.00	19.10 0.25 0.00	26.32 0.61 0.00	24.70 0.88 0.00	29.18 0.82 0.00	20.20 0.66 0.00	19.70 0.59 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.36 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.98 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.54 0.95 0.00	28.04 0.87 0.00	21.21 0.56 0.00	19.91 0.34 0.00
NARROWS_GT2_4 24239	17.68 0.33 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.76 0.25 0.00	19.10 0.25 0.00	26.32 0.61 0.00	24.70 0.88 0.00	29.18 0.82 0.00	20.20 0.66 0.00	19.70 0.59 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.36 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.98 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.54 0.95 0.00	28.04 0.87 0.00	21.21 0.56 0.00	19.91 0.34 0.00
NARROWS_GT2_5 24240	17.68 0.33 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.76 0.25 0.00	19.10 0.25 0.00	26.32 0.61 0.00	24.70 0.88 0.00	29.18 0.82 0.00	20.20 0.66 0.00	19.70 0.59 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.36 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.98 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.54 0.95 0.00	28.04 0.87 0.00	21.21 0.56 0.00	19.91 0.34 0.00
NARROWS_GT2_6 24241	17.68 0.33 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.76 0.25 0.00	19.10 0.25 0.00	26.32 0.61 0.00	24.70 0.88 0.00	29.18 0.82 0.00	20.20 0.66 0.00	19.70 0.59 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.36 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.98 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.54 0.95 0.00	28.04 0.87 0.00	21.21 0.56 0.00	19.91 0.34 0.00
NARROWS_GT2_7 24242	17.68 0.33 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.76 0.25 0.00	19.10 0.25 0.00	26.32 0.61 0.00	24.70 0.88 0.00	29.18 0.82 0.00	20.20 0.66 0.00	19.70 0.59 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.36 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.98 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.54 0.95 0.00	28.04 0.87 0.00	21.21 0.56 0.00	19.91 0.34 0.00
NARROWS_GT2_8 24243	17.68 0.33 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.76 0.25 0.00	19.10 0.25 0.00	26.32 0.61 0.00	24.70 0.88 0.00	29.18 0.82 0.00	20.20 0.66 0.00	19.70 0.59 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.36 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.98 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.54 0.95 0.00	28.04 0.87 0.00	21.21 0.56 0.00	19.91 0.34 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.17 0.82 0.00	15.77 0.73 0.00	15.39 0.70 0.00	18.02 0.86 0.00	18.41 0.90 0.00	19.91 1.06 0.00	27.31 1.60 0.00	25.33 1.52 0.00	29.89 1.52 0.00	20.27 0.73 0.00	19.65 0.54 0.00	18.08 0.41 0.00	16.12 0.25 0.00	10.08 0.13 0.00	11.58 0.13 0.00	14.89 0.27 0.00	13.15 0.23 0.00	17.79 0.45 0.00	22.94 0.64 0.00	32.04 1.11 0.00	27.45 0.86 0.00	28.04 0.86 0.00	21.15 0.49 0.00	19.93 0.35 0.00
NCHELSEA_115KV_TR2 355582	17.73 0.38 0.00	15.36 0.31 0.00	14.99 0.30 0.00	17.51 0.35 0.00	17.90 0.39 0.00	19.26 0.41 0.00	26.52 0.81 0.00	24.83 1.01 0.00	29.33 0.96 0.00	20.18 0.64 0.00	19.64 0.54 0.00	18.13 0.46 0.00	16.27 0.40 0.00	10.23 0.29 0.00	11.80 0.36 0.00	15.10 0.47 0.00	13.41 0.49 0.00	18.00 0.66 0.00	23.13 0.83 0.00	32.31 1.38 0.00	27.64 1.06 0.00	28.16 0.98 0.00	21.28 0.62 0.00	19.99 0.41 0.00
NEG CAPITAL___MECHNVIL 23645	17.75 0.40 0.00	15.43 0.39 0.00	15.06 0.37 0.00	17.62 0.46 0.00	18.00 0.49 0.00	19.42 0.57 0.00	26.65 0.94 0.00	24.89 1.08 0.00	29.36 0.99 0.00	20.03 0.49 0.00	19.47 0.36 0.00	18.00 0.34 0.00	16.12 0.25 0.00	10.12 0.17 0.00	11.68 0.24 0.00	15.00 0.37 0.00	13.34 0.41 0.00	17.96 0.62 0.00	23.08 0.79 0.00	32.18 1.25 0.00	27.59 1.01 0.00	28.14 0.97 0.00	21.21 0.55 0.00	19.96 0.39 0.00
NEG CENTRAL_HIGH_ACRES 23767	16.34 -1.01 0.00	14.14 -0.91 0.00	13.85 -0.84 0.00	16.20 -0.96 0.00	16.57 -0.94 0.00	17.86 -0.99 0.00	24.21 -1.51 0.00	22.44 -1.38 0.00	26.67 -1.70 0.00	18.49 -1.05 0.00	18.14 -0.96 0.00	16.74 -0.92 0.00	15.06 -0.81 0.00	9.43 -0.52 0.00	10.88 -0.57 0.00	13.84 -0.79 0.00	12.20 -0.73 0.00	16.34 -0.99 0.00	21.01 -1.28 0.00	29.15 -1.78 0.00	25.00 -1.58 0.00	25.56 -1.62 0.00	19.55 -1.11 0.00	18.86 -0.71 0.00
NEG CENTRAL___DRP 24199	17.12 -0.23 0.00	14.85 -0.19 0.00	14.46 -0.23 0.00	16.97 -0.19 0.00	17.33 -0.18 0.00	18.73 -0.12 0.00	25.59 -0.12 0.00	23.91 0.10 0.00	28.12 -0.25 0.00	19.54 0.00 0.00	19.14 0.04 0.00	17.64 -0.02 0.00	15.81 -0.06 0.00	9.88 -0.07 0.00	11.34 -0.11 0.00	14.46 -0.16 0.00	12.79 -0.14 0.00	17.23 -0.11 0.00	22.22 -0.07 0.00	30.94 0.01 0.00	26.67 0.08 0.00	27.23 0.05 0.00	20.76 0.10 0.00	19.84 0.27 0.00
NEG CENTRAL___INDECK 23768	16.78 -0.57 0.00	14.56 -0.49 0.00	14.08 -0.61 0.00	16.56 -0.60 0.00	17.01 -0.49 0.00	18.34 -0.51 0.00	25.08 -0.63 0.00	23.28 -0.54 0.00	27.51 -0.86 0.00	19.01 -0.53 0.00	18.65 -0.46 0.00	17.25 -0.41 0.00	15.55 -0.33 0.00	9.68 -0.27 0.00	11.11 -0.34 0.00	14.11 -0.52 0.00	12.44 -0.48 0.00	16.67 -0.66 0.00	21.67 -0.62 0.00	30.76 -0.17 0.00	26.41 -0.18 0.00	26.92 -0.25 0.00	20.61 -0.05 0.00	19.83 0.26 0.00

NEG CENTRAL___SENECA 23627	17.07 -0.27 0.00	14.82 -0.22 0.00	14.39 -0.30 0.00	16.93 -0.23 0.00	17.30 -0.21 0.00	18.72 -0.13 0.00	25.63 -0.09 0.00	23.79 -0.03 0.00	28.00 -0.37 0.00	19.57 0.03 0.00	19.20 0.10 0.00	17.68 0.01 0.00	15.83 -0.04 0.00	9.88 -0.07 0.00	11.34 -0.11 0.00	14.44 -0.18 0.00	12.78 -0.15 0.00	17.25 -0.09 0.00	22.29 0.00 0.00	31.07 0.13 0.00	26.85 0.26 0.00	27.39 0.21 0.00	20.88 0.22 0.00	19.96 0.39 0.00
NEG CENTRAL___STATE_STREET 24147	17.26 -0.09 0.00	14.99 -0.06 0.00	14.66 -0.04 0.00	17.15 -0.01 0.00	17.45 -0.06 0.00	18.86 0.01 0.00	25.72 0.00 0.00	24.17 0.36 0.00	28.36 -0.01 0.00	19.63 0.09 0.00	19.18 0.08 0.00	17.70 0.04 0.00	15.90 0.03 0.00	9.96 0.01 0.00	11.39 -0.06 0.00	14.59 -0.04 0.00	12.89 -0.04 0.00	17.34 0.00 0.00	22.29 0.00 0.00	30.94 0.01 0.00	26.55 -0.04 0.00	27.22 0.04 0.00	20.74 0.09 0.00	19.83 0.26 0.00
NEG MILLWOOD___DRP 24198	17.76 0.42 0.00	15.39 0.34 0.00	15.02 0.33 0.00	17.54 0.38 0.00	17.93 0.42 0.00	19.30 0.45 0.00	26.59 0.87 0.00	24.90 1.09 0.00	29.43 1.06 0.00	20.26 0.72 0.00	19.72 0.62 0.00	18.20 0.53 0.00	16.34 0.47 0.00	10.27 0.32 0.00	11.85 0.40 0.00	15.15 0.52 0.00	13.45 0.53 0.00	18.04 0.71 0.00	23.18 0.89 0.00	32.40 1.47 0.00	27.71 1.13 0.00	28.22 1.05 0.00	21.32 0.67 0.00	20.01 0.43 0.00
NEG NORTH_FLCN_SEA 23793	17.98 0.63 0.00	15.62 0.58 0.00	15.19 0.49 0.00	17.62 0.46 0.00	17.75 0.24 0.00	19.08 0.24 0.00	26.17 0.46 0.00	24.32 0.50 0.00	28.91 0.54 0.00	20.07 0.53 0.00	19.60 0.50 0.00	18.22 0.55 0.00	16.42 0.54 0.00	10.26 0.31 0.00	11.81 0.36 0.00	15.03 0.40 0.00	13.25 0.33 0.00	17.82 0.49 0.00	23.01 0.71 0.00	31.87 0.94 0.00	27.55 0.96 0.00	28.29 1.11 0.00	21.52 0.86 0.00	20.40 0.82 0.00
NEG NORTH_KES_CHATEGAY 23792	17.92 0.57 0.00	15.56 0.51 0.00	15.12 0.42 0.00	17.52 0.36 0.00	17.66 0.16 0.00	19.02 0.17 0.00	26.05 0.33 0.00	24.17 0.35 0.00	28.84 0.47 0.00	20.03 0.49 0.00	19.60 0.50 0.00	18.19 0.53 0.00	16.37 0.50 0.00	10.22 0.27 0.00	11.75 0.31 0.00	14.96 0.33 0.00	13.18 0.26 0.00	17.71 0.38 0.00	22.89 0.60 0.00	31.68 0.75 0.00	27.40 0.81 0.00	28.09 0.91 0.00	21.28 0.63 0.00	20.17 0.59 0.00
NEG NORTH___ALICE_FALLS 23915	18.06 0.72 0.00	15.69 0.65 0.00	15.25 0.56 0.00	17.68 0.52 0.00	17.82 0.32 0.00	19.18 0.34 0.00	26.33 0.62 0.00	24.49 0.67 0.00	29.12 0.75 0.00	20.21 0.67 0.00	19.71 0.61 0.00	18.31 0.65 0.00	16.50 0.63 0.00	10.30 0.36 0.00	11.85 0.41 0.00	15.09 0.46 0.00	13.30 0.38 0.00	17.91 0.58 0.00	23.14 0.84 0.00	32.07 1.14 0.00	27.71 1.12 0.00	28.41 1.23 0.00	21.57 0.91 0.00	20.44 0.86 0.00
NEG NORTH___LWR_SARANAC 23913	18.06 0.72 0.00	15.69 0.65 0.00	15.25 0.56 0.00	17.68 0.52 0.00	17.82 0.32 0.00	19.18 0.34 0.00	26.33 0.62 0.00	24.49 0.67 0.00	29.12 0.75 0.00	20.21 0.67 0.00	19.71 0.61 0.00	18.31 0.65 0.00	16.50 0.63 0.00	10.30 0.36 0.00	11.85 0.41 0.00	15.09 0.46 0.00	13.30 0.38 0.00	17.91 0.58 0.00	23.14 0.84 0.00	32.07 1.14 0.00	27.71 1.12 0.00	28.41 1.23 0.00	21.57 0.91 0.00	20.44 0.86 0.00
NEG NORTH___PLATTSBURG 23628	18.06 0.72 0.00	15.69 0.65 0.00	15.25 0.56 0.00	17.68 0.52 0.00	17.82 0.31 0.00	19.18 0.34 0.00	26.33 0.62 0.00	24.49 0.67 0.00	29.12 0.75 0.00	20.21 0.67 0.00	19.71 0.61 0.00	18.31 0.65 0.00	16.50 0.63 0.00	10.30 0.36 0.00	11.85 0.41 0.00	15.09 0.46 0.00	13.30 0.38 0.00	17.91 0.57 0.00	23.14 0.84 0.00	32.07 1.14 0.00	27.71 1.12 0.00	28.41 1.24 0.00	21.57 0.92 0.00	20.44 0.86 0.00
NEG WEST_LEA_LOCKPORT 23791	15.82 -1.53 0.00	13.67 -1.38 0.00	13.43 -1.26 0.00	15.72 -1.44 0.00	16.00 -1.51 0.00	17.34 -1.51 0.00	23.23 -2.48 0.00	21.27 -2.55 0.00	25.44 -2.93 0.00	17.90 -1.64 0.00	17.67 -1.43 0.00	16.29 -1.38 0.00	14.75 -1.12 0.00	9.23 -0.72 0.00	10.70 -0.75 0.00	13.52 -1.11 0.00	11.87 -1.06 0.00	15.77 -1.57 0.00	20.24 -2.06 0.00	28.01 -2.92 0.00	24.05 -2.53 0.00	24.68 -2.50 0.00	19.05 -1.61 0.00	18.72 -0.85 0.00
NEG WEST___LANCASTER 23811	16.65 -0.70 0.00	14.38 -0.67 0.00	14.10 -0.60 0.00	16.53 -0.63 0.00	16.84 -0.67 0.00	18.21 -0.64 0.00	24.50 -1.21 0.00	22.50 -1.32 0.00	26.83 -1.54 0.00	18.92 -0.62 0.00	18.66 -0.44 0.00	17.26 -0.40 0.00	15.62 -0.25 0.00	9.77 -0.18 0.00	11.30 -0.15 0.00	14.31 -0.32 0.00	12.56 -0.36 0.00	16.72 -0.61 0.00	21.44 -0.85 0.00	29.65 -1.29 0.00	25.48 -1.11 0.00	26.21 -0.97 0.00	20.18 -0.48 0.00	19.65 0.08 0.00
NEG_PENN_ALLEGHNY 23528	17.19 -0.16 0.00	14.89 -0.15 0.00	14.53 -0.16 0.00	17.01 -0.15 0.00	17.36 -0.15 0.00	18.71 -0.14 0.00	25.54 -0.17 0.00	23.79 -0.03 0.00	28.19 -0.18 0.00	19.42 -0.12 0.00	18.99 -0.11 0.00	17.54 -0.12 0.00	15.80 -0.07 0.00	9.89 -0.05 0.00	11.36 -0.09 0.00	14.49 -0.14 0.00	12.81 -0.11 0.00	17.19 -0.14 0.00	22.12 -0.17 0.00	30.82 -0.11 0.00	26.39 -0.19 0.00	27.00 -0.17 0.00	20.54 -0.12 0.00	19.55 -0.03 0.00
NEG___GEN_MONROE 24207	16.56 -0.79 0.00	14.32 -0.73 0.00	14.03 -0.66 0.00	16.42 -0.74 0.00	16.75 -0.76 0.00	18.11 -0.73 0.00	24.48 -1.23 0.00	22.64 -1.18 0.00	26.98 -1.38 0.00	18.74 -0.80 0.00	18.37 -0.73 0.00	16.95 -0.71 0.00	15.28 -0.60 0.00	9.57 -0.38 0.00	11.05 -0.39 0.00	14.03 -0.60 0.00	12.34 -0.58 0.00	16.50 -0.83 0.00	21.26 -1.04 0.00	29.51 -1.42 0.00	25.33 -1.26 0.00	25.90 -1.28 0.00	19.85 -0.80 0.00	19.24 -0.34 0.00
NEPA___ENERGY 23901	16.10 -1.24 0.00	13.88 -1.16 0.00	13.63 -1.07 0.00	16.04 -1.12 0.00	16.28 -1.23 0.00	17.68 -1.17 0.00	23.87 -1.85 0.00	21.98 -1.83 0.00	26.06 -2.31 0.00	18.44 -1.10 0.00	18.19 -0.91 0.00	16.79 -0.88 0.00	15.23 -0.64 0.00	9.53 -0.42 0.00	10.97 -0.48 0.00	13.90 -0.73 0.00	12.22 -0.71 0.00	16.29 -1.05 0.00	20.88 -1.41 0.00	29.04 -1.89 0.00	24.86 -1.73 0.00	25.63 -1.55 0.00	19.68 -0.97 0.00	19.14 -0.43 0.00
NEVERSink___HYD 23608	17.93 0.58 0.00	15.66 0.61 0.00	15.31 0.61 0.00	17.89 0.73 0.00	18.29 0.78 0.00	19.72 0.87 0.00	27.14 1.43 0.00	25.37 1.55 0.00	29.98 1.61 0.00	20.59 1.05 0.00	20.04 0.94 0.00	18.45 0.78 0.00	16.55 0.68 0.00	10.40 0.46 0.00	12.00 0.55 0.00	15.36 0.73 0.00	13.68 0.75 0.00	18.39 1.06 0.00	23.68 1.39 0.00	33.08 2.14 0.00	28.29 1.71 0.00	28.80 1.62 0.00	21.78 1.13 0.00	20.50 0.93 0.00
NEWKRMKL_115KV_TB1 55635	17.64 0.30 0.00	15.32 0.28 0.00	14.96 0.26 0.00	17.49 0.33 0.00	17.86 0.35 0.00	19.24 0.39 0.00	26.39 0.68 0.00	24.66 0.84 0.00	29.13 0.76 0.00	19.95 0.41 0.00	19.46 0.35 0.00	17.99 0.32 0.00	16.11 0.24 0.00	10.11 0.16 0.00	11.64 0.19 0.00	14.92 0.29 0.00	13.21 0.28 0.00	17.75 0.41 0.00	22.76 0.47 0.00	31.72 0.79 0.00	27.17 0.59 0.00	27.77 0.60 0.00	20.99 0.34 0.00	19.77 0.19 0.00

NEWTON___FALLS_HYD 23847	17.19 -0.16 0.00	14.89 -0.15 0.00	14.47 -0.22 0.00	16.83 -0.33 0.00	17.16 -0.35 0.00	18.49 -0.36 0.00	25.13 -0.58 0.00	23.19 -0.62 0.00	27.87 -0.50 0.00	19.10 -0.44 0.00	18.58 -0.53 0.00	17.06 -0.61 0.00	15.33 -0.54 0.00	9.57 -0.37 0.00	10.91 -0.53 0.00	13.91 -0.72 0.00	12.19 -0.74 0.00	16.45 -0.88 0.00	21.55 -0.74 0.00	30.12 -0.81 0.00	25.84 -0.74 0.00	26.46 -0.72 0.00	20.03 -0.63 0.00	18.88 -0.70 0.00
NGRID_A1_DSASP 323792	15.62 -1.73 0.00	13.55 -1.50 0.00	13.32 -1.37 0.00	15.58 -1.58 0.00	15.92 -1.59 0.00	17.16 -1.69 0.00	22.87 -2.85 0.00	20.78 -3.04 0.00	24.84 -3.53 0.00	17.51 -2.03 0.00	17.31 -1.79 0.00	15.97 -1.69 0.00	14.46 -1.41 0.00	9.05 -0.90 0.00	10.51 -0.94 0.00	13.28 -1.35 0.00	11.65 -1.27 0.00	15.47 -1.87 0.00	19.80 -2.50 0.00	27.34 -3.59 0.00	23.47 -3.11 0.00	24.08 -3.10 0.00	18.62 -2.04 0.00	18.41 -1.16 0.00
NGRID_A2_DSASP 323793	15.62 -1.73 0.00	13.55 -1.50 0.00	13.32 -1.37 0.00	15.58 -1.58 0.00	15.92 -1.59 0.00	17.16 -1.69 0.00	22.87 -2.85 0.00	20.78 -3.04 0.00	24.84 -3.53 0.00	17.51 -2.03 0.00	17.31 -1.79 0.00	15.97 -1.69 0.00	14.46 -1.41 0.00	9.05 -0.90 0.00	10.51 -0.94 0.00	13.28 -1.35 0.00	11.65 -1.27 0.00	15.47 -1.87 0.00	19.80 -2.50 0.00	27.34 -3.59 0.00	23.47 -3.11 0.00	24.08 -3.10 0.00	18.62 -2.04 0.00	18.41 -1.16 0.00
NGRID_A4_DSASP 323807	15.62 -1.73 0.00	13.55 -1.50 0.00	13.32 -1.37 0.00	15.58 -1.58 0.00	15.92 -1.59 0.00	17.16 -1.69 0.00	22.87 -2.85 0.00	20.78 -3.04 0.00	24.84 -3.53 0.00	17.51 -2.03 0.00	17.31 -1.79 0.00	15.97 -1.69 0.00	14.46 -1.41 0.00	9.05 -0.90 0.00	10.51 -0.94 0.00	13.28 -1.35 0.00	11.65 -1.27 0.00	15.47 -1.87 0.00	19.80 -2.50 0.00	27.34 -3.59 0.00	23.47 -3.11 0.00	24.08 -3.10 0.00	18.62 -2.04 0.00	18.41 -1.16 0.00
NIAGARA_115E_LBMP 323715	15.54 -1.81 0.00	13.44 -1.60 0.00	13.22 -1.48 0.00	15.45 -1.71 0.00	15.79 -1.73 0.00	17.02 -1.83 0.00	22.79 -2.93 0.00	20.84 -2.98 0.00	24.94 -3.43 0.00	17.57 -1.97 0.00	17.37 -1.74 0.00	16.01 -1.65 0.00	14.51 -1.36 0.00	9.08 -0.87 0.00	10.53 -0.92 0.00	13.31 -1.32 0.00	11.69 -1.24 0.00	15.51 -1.82 0.00	19.87 -2.42 0.00	27.47 -3.46 0.00	23.59 -3.00 0.00	24.19 -2.99 0.00	18.70 -1.96 0.00	18.42 -1.16 0.00
NIAGARA_115W_LBMP 323714	15.59 -1.76 0.00	13.53 -1.51 0.00	13.30 -1.39 0.00	15.55 -1.61 0.00	15.90 -1.61 0.00	17.13 -1.72 0.00	22.82 -2.89 0.00	20.73 -3.09 0.00	24.76 -3.61 0.00	17.47 -2.07 0.00	17.27 -1.84 0.00	15.93 -1.73 0.00	14.43 -1.45 0.00	9.03 -0.92 0.00	10.48 -0.97 0.00	13.25 -1.38 0.00	11.63 -1.30 0.00	15.43 -1.90 0.00	19.75 -2.54 0.00	27.27 -3.66 0.00	23.41 -3.17 0.00	24.02 -3.16 0.00	18.57 -2.09 0.00	18.37 -1.20 0.00
NIAGARA_230_LBMP 323716	15.70 -1.65 0.00	13.58 -1.46 0.00	13.35 -1.34 0.00	15.62 -1.54 0.00	15.97 -1.54 0.00	17.20 -1.64 0.00	23.04 -2.68 0.00	21.08 -2.74 0.00	25.21 -3.16 0.00	17.76 -1.78 0.00	17.56 -1.54 0.00	16.20 -1.47 0.00	14.66 -1.21 0.00	9.17 -0.78 0.00	10.64 -0.81 0.00	13.45 -1.18 0.00	11.80 -1.12 0.00	15.68 -1.66 0.00	20.09 -2.21 0.00	27.75 -3.18 0.00	23.82 -2.76 0.00	24.44 -2.73 0.00	18.86 -1.79 0.00	18.55 -1.03 0.00
NIAGARA___115KV_198_GIBSON 55903	15.60 -1.75 0.00	13.53 -1.52 0.00	13.30 -1.39 0.00	15.55 -1.60 0.00	15.83 -1.68 0.00	17.13 -1.72 0.00	22.82 -2.89 0.00	20.73 -3.09 0.00	24.76 -3.61 0.00	17.47 -2.07 0.00	17.27 -1.83 0.00	15.93 -1.74 0.00	14.42 -1.45 0.00	9.03 -0.92 0.00	10.48 -0.97 0.00	13.25 -1.38 0.00	11.63 -1.29 0.00	15.43 -1.91 0.00	19.74 -2.56 0.00	27.27 -3.66 0.00	23.41 -3.17 0.00	24.02 -3.16 0.00	18.57 -2.09 0.00	18.36 -1.22 0.00
NIAGARA____ 23760	15.70 -1.65 0.00	13.58 -1.46 0.00	13.35 -1.34 0.00	15.62 -1.54 0.00	15.97 -1.54 0.00	17.20 -1.64 0.00	23.04 -2.68 0.00	21.08 -2.74 0.00	25.21 -3.16 0.00	17.76 -1.78 0.00	17.56 -1.54 0.00	16.20 -1.47 0.00	14.66 -1.21 0.00	9.17 -0.78 0.00	10.64 -0.81 0.00	13.45 -1.18 0.00	11.80 -1.12 0.00	15.68 -1.66 0.00	20.09 -2.21 0.00	27.75 -3.18 0.00	23.82 -2.76 0.00	24.44 -2.73 0.00	18.86 -1.79 0.00	18.55 -1.03 0.00
NINE_MILE_1 23575	16.90 -0.45 0.00	14.65 -0.40 0.00	14.31 -0.38 0.00	16.72 -0.43 0.00	17.07 -0.44 0.00	18.35 -0.49 0.00	24.90 -0.81 0.00	23.09 -0.72 0.00	27.47 -0.90 0.00	18.95 -0.59 0.00	18.53 -0.57 0.00	17.15 -0.52 0.00	15.42 -0.46 0.00	9.65 -0.30 0.00	11.10 -0.35 0.00	14.17 -0.46 0.00	12.51 -0.42 0.00	16.77 -0.57 0.00	21.51 -0.78 0.00	29.87 -1.07 0.00	25.65 -0.94 0.00	26.21 -0.96 0.00	20.02 -0.63 0.00	19.14 -0.44 0.00
NINE_MILE_2 23744	16.90 -0.45 0.00	14.65 -0.39 0.00	14.31 -0.38 0.00	16.73 -0.43 0.00	17.07 -0.44 0.00	18.35 -0.49 0.00	24.91 -0.81 0.00	23.10 -0.72 0.00	27.47 -0.90 0.00	18.95 -0.59 0.00	18.53 -0.57 0.00	17.15 -0.51 0.00	15.42 -0.46 0.00	9.66 -0.29 0.00	11.10 -0.34 0.00	14.17 -0.46 0.00	12.51 -0.41 0.00	16.77 -0.57 0.00	21.52 -0.77 0.00	29.87 -1.06 0.00	25.65 -0.94 0.00	26.21 -0.96 0.00	20.03 -0.63 0.00	19.14 -0.43 0.00
NM_CAPITAL___DRP 24208	17.58 0.23 0.00	15.27 0.23 0.00	14.91 0.21 0.00	17.43 0.27 0.00	17.79 0.29 0.00	19.17 0.32 0.00	26.29 0.57 0.00	24.57 0.75 0.00	29.02 0.65 0.00	19.87 0.33 0.00	19.38 0.28 0.00	17.92 0.25 0.00	16.05 0.18 0.00	10.08 0.13 0.00	11.60 0.16 0.00	14.87 0.24 0.00	13.18 0.25 0.00	17.69 0.35 0.00	22.69 0.40 0.00	31.62 0.69 0.00	27.09 0.50 0.00	27.69 0.52 0.00	20.93 0.28 0.00	19.71 0.13 0.00
NM_CENTRAL___DRP 24181	17.10 -0.24 0.00	14.82 -0.22 0.00	14.47 -0.22 0.00	16.93 -0.23 0.00	17.28 -0.23 0.00	18.60 -0.25 0.00	25.29 -0.43 0.00	23.54 -0.28 0.00	27.92 -0.44 0.00	19.25 -0.29 0.00	18.83 -0.27 0.00	17.43 -0.24 0.00	15.68 -0.20 0.00	9.82 -0.13 0.00	11.28 -0.17 0.00	14.38 -0.24 0.00	12.70 -0.22 0.00	17.04 -0.30 0.00	21.89 -0.40 0.00	30.42 -0.51 0.00	26.09 -0.49 0.00	26.67 -0.51 0.00	20.35 -0.30 0.00	19.45 -0.13 0.00
NM_FRONTIER___DRP 24179	15.60 -1.75 0.00	13.53 -1.52 0.00	13.30 -1.39 0.00	15.55 -1.60 0.00	15.83 -1.68 0.00	17.13 -1.72 0.00	22.82 -2.89 0.00	20.73 -3.09 0.00	24.76 -3.61 0.00	17.47 -2.07 0.00	17.27 -1.83 0.00	15.93 -1.74 0.00	14.42 -1.45 0.00	9.03 -0.92 0.00	10.48 -0.97 0.00	13.25 -1.38 0.00	11.63 -1.29 0.00	15.43 -1.91 0.00	19.74 -2.56 0.00	27.27 -3.66 0.00	23.41 -3.17 0.00	24.02 -3.16 0.00	18.57 -2.09 0.00	18.36 -1.22 0.00
NM_ST_REGIS___HYD 24053	17.40 0.05 0.00	15.09 0.04 0.00	14.69 0.00 0.00	17.08 -0.08 0.00	17.34 -0.17 0.00	18.71 -0.14 0.00	25.53 -0.18 0.00	23.56 -0.25 0.00	28.25 -0.13 0.00	19.50 -0.04 0.00	19.06 -0.04 0.00	17.62 -0.04 0.00	15.84 -0.03 0.00	9.87 -0.08 0.00	11.32 -0.12 0.00	14.45 -0.17 0.00	12.70 -0.23 0.00	17.10 -0.23 0.00	22.24 -0.05 0.00	30.77 -0.16 0.00	26.53 -0.06 0.00	27.24 0.06 0.00	20.69 0.04 0.00	19.51 -0.07 0.00

NORTHPORT___1 23551	17.79 0.45 0.00	15.40 0.35 0.00	15.03 0.34 0.00	17.53 0.37 0.00	17.90 0.39 0.00	19.24 0.40 0.00	26.64 0.92 0.00	24.77 0.96 0.00	29.04 0.67 0.00	20.10 0.55 0.00	19.74 0.63 0.00	18.22 0.55 0.00	16.28 0.41 0.00	10.21 0.26 0.00	11.82 0.38 0.00	15.07 0.45 0.00	13.36 0.43 0.00	17.89 0.55 0.00	23.01 0.72 0.00	31.97 1.04 0.00	27.52 0.94 0.00	28.14 0.96 0.00	21.35 0.69 0.00	20.02 0.44 0.00
NORTHPORT___2 23552	17.79 0.45 0.00	15.40 0.35 0.00	15.03 0.34 0.00	17.53 0.37 0.00	17.90 0.39 0.00	19.24 0.40 0.00	26.64 0.92 0.00	24.77 0.96 0.00	29.04 0.67 0.00	20.10 0.55 0.00	19.74 0.63 0.00	18.22 0.55 0.00	16.28 0.41 0.00	10.21 0.26 0.00	11.82 0.38 0.00	15.07 0.45 0.00	13.36 0.43 0.00	17.89 0.55 0.00	23.01 0.72 0.00	31.97 1.04 0.00	27.52 0.94 0.00	28.14 0.96 0.00	21.35 0.69 0.00	20.02 0.45 0.00
NORTHPORT___3 23553	17.71 0.36 0.00	15.33 0.28 0.00	14.95 0.26 0.00	17.44 0.28 0.00	17.82 0.31 0.00	19.17 0.33 0.00	26.53 0.82 0.00	24.73 0.91 0.00	29.01 0.64 0.00	20.02 0.48 0.00	19.63 0.53 0.00	18.13 0.46 0.00	16.21 0.34 0.00	10.17 0.23 0.00	11.77 0.32 0.00	15.02 0.39 0.00	13.32 0.40 0.00	17.84 0.51 0.00	22.96 0.67 0.00	31.95 1.02 0.00	27.44 0.86 0.00	28.04 0.87 0.00	21.25 0.59 0.00	19.93 0.36 0.00
NORTHPORT___4 23650	17.71 0.36 0.00	15.33 0.28 0.00	14.95 0.26 0.00	17.44 0.28 0.00	17.82 0.31 0.00	19.17 0.33 0.00	26.53 0.82 0.00	24.73 0.91 0.00	29.01 0.64 0.00	20.02 0.48 0.00	19.63 0.53 0.00	18.13 0.46 0.00	16.21 0.34 0.00	10.17 0.23 0.00	11.77 0.32 0.00	15.02 0.39 0.00	13.32 0.40 0.00	17.84 0.51 0.00	22.96 0.67 0.00	31.95 1.02 0.00	27.44 0.86 0.00	28.04 0.87 0.00	21.25 0.59 0.00	19.93 0.36 0.00
NORTHPORT___IC 23718	17.79 0.45 0.00	15.40 0.35 0.00	15.03 0.34 0.00	17.53 0.37 0.00	17.92 0.41 0.00	19.24 0.40 0.00	26.64 0.92 0.00	24.77 0.96 0.00	29.04 0.67 0.00	20.10 0.55 0.00	19.74 0.63 0.00	18.22 0.55 0.00	16.28 0.41 0.00	10.21 0.26 0.00	11.82 0.38 0.00	15.07 0.44 0.00	13.36 0.43 0.00	17.89 0.56 0.00	23.01 0.72 0.00	31.97 1.04 0.00	27.52 0.94 0.00	28.14 0.96 0.00	21.35 0.69 0.00	20.03 0.45 0.00
NORTH___COUNTRY_ESR 323785	17.86 0.51 0.00	15.50 0.46 0.00	15.07 0.37 0.00	17.46 0.30 0.00	17.60 0.09 0.00	18.94 0.09 0.00	25.95 0.24 0.00	24.06 0.24 0.00	28.73 0.36 0.00	19.96 0.42 0.00	19.54 0.44 0.00	18.14 0.47 0.00	16.32 0.45 0.00	10.19 0.24 0.00	11.73 0.28 0.00	14.94 0.31 0.00	13.15 0.23 0.00	17.67 0.34 0.00	22.82 0.52 0.00	31.56 0.63 0.00	27.30 0.71 0.00	27.98 0.80 0.00	21.20 0.54 0.00	20.09 0.52 0.00
NPX_GEN_1385_PROXY 323591	17.79 0.45 0.00	15.40 0.35 0.00	15.03 0.34 0.00	17.53 0.37 0.00	17.90 0.39 0.00	19.24 0.40 0.00	26.72 0.92 -0.08	24.69 0.87 0.00	28.87 0.50 0.00	19.97 0.43 0.00	19.60 0.50 0.00	18.16 0.49 0.00	16.17 0.30 0.00	10.08 0.13 0.00	11.71 0.26 0.00	14.91 0.28 0.00	13.22 0.30 0.00	17.81 0.47 0.00	22.85 0.55 0.00	31.55 0.62 0.00	27.26 0.68 0.00	27.98 0.80 0.00	21.21 0.55 0.00	19.92 0.35 0.00
NPX_GEN_CSC 323557	17.67 0.32 0.00	15.34 0.29 0.00	14.97 0.28 0.00	17.47 0.31 0.00	17.87 0.36 0.00	19.27 0.42 0.00	27.05 1.25 -0.08	25.03 1.22 0.00	29.30 0.93 0.00	20.20 0.66 0.00	19.75 0.65 0.00	18.21 0.54 0.00	16.21 0.34 0.00	10.17 0.23 0.00	11.78 0.33 0.00	15.05 0.42 0.00	13.39 0.47 0.00	17.82 0.48 0.00	23.06 0.77 0.00	32.03 1.09 0.00	27.66 1.08 0.00	28.16 0.98 0.00	21.31 0.65 0.00	19.93 0.36 0.00
NSINS_S_GLNS_FALLS 23858	17.80 0.45 0.00	15.52 0.47 0.00	15.14 0.45 0.00	17.73 0.57 0.00	18.12 0.61 0.00	19.60 0.75 0.00	26.94 1.22 0.00	25.20 1.38 0.00	29.62 1.25 0.00	20.11 0.57 0.00	19.49 0.38 0.00	18.05 0.38 0.00	16.14 0.27 0.00	10.12 0.17 0.00	11.69 0.25 0.00	15.02 0.39 0.00	13.38 0.45 0.00	18.05 0.72 0.00	23.22 0.92 0.00	32.39 1.46 0.00	27.85 1.27 0.00	28.32 1.14 0.00	21.25 0.59 0.00	20.01 0.43 0.00
NUCOR_STEEL___DRP 24197	17.26 -0.09 0.00	15.00 -0.05 0.00	14.67 -0.02 0.00	17.16 0.00 0.00	17.45 -0.06 0.00	18.86 0.01 0.00	25.71 -0.01 0.00	24.19 0.37 0.00	28.37 0.00 0.00	19.63 0.09 0.00	19.18 0.08 0.00	17.70 0.04 0.00	15.90 0.03 0.00	9.96 0.01 0.00	11.39 -0.06 0.00	14.60 -0.03 0.00	12.89 -0.04 0.00	17.34 0.01 0.00	22.28 -0.01 0.00	30.91 -0.02 0.00	26.51 -0.08 0.00	27.20 0.02 0.00	20.73 0.07 0.00	19.82 0.25 0.00
NUMBER_THREE_WT_PWR 323818	17.64 0.30 0.00	15.27 0.23 0.00	14.77 0.08 0.00	17.19 0.03 0.00	17.55 0.03 0.00	18.88 0.04 0.00	25.56 -0.15 0.00	23.64 -0.18 0.00	28.46 0.09 0.00	19.44 -0.10 0.00	18.85 -0.25 0.00	17.24 -0.43 0.00	15.47 -0.40 0.00	9.69 -0.25 0.00	10.99 -0.46 0.00	13.94 -0.69 0.00	12.18 -0.74 0.00	16.48 -0.85 0.00	21.68 -0.61 0.00	30.58 -0.35 0.00	26.13 -0.46 0.00	26.66 -0.52 0.00	20.11 -0.54 0.00	18.94 -0.63 0.00
NYISO_LBMP_REFERENCE 24008	17.35 0.00 0.00	15.04 0.00 0.00	14.69 0.00 0.00	17.16 0.00 0.00	17.51 0.00 0.00	18.85 0.00 0.00	25.71 0.00 0.00	23.82 0.00 0.00	28.37 0.00 0.00	19.54 0.00 0.00	19.10 0.00 0.00	17.67 0.00 0.00	15.87 0.00 0.00	9.95 0.00 0.00	11.45 0.00 0.00	14.63 0.00 0.00	12.93 0.00 0.00	17.33 0.00 0.00	22.29 0.00 0.00	30.93 0.00 0.00	26.59 0.00 0.00	27.18 0.00 0.00	20.66 0.00 0.00	19.57 0.00 0.00
NYPA_BRENTWD___GT 24164	17.94 0.59 0.00	15.52 0.48 0.00	15.15 0.46 0.00	17.66 0.51 0.00	18.05 0.54 0.00	19.44 0.59 0.00	26.98 1.26 0.00	25.11 1.30 0.00	29.35 0.99 0.00	20.26 0.72 0.00	19.85 0.75 0.00	18.30 0.63 0.00	16.34 0.46 0.00	10.25 0.31 0.00	11.90 0.46 0.00	15.19 0.57 0.00	13.50 0.58 0.00	18.10 0.76 0.00	23.33 1.03 0.00	32.46 1.53 0.00	27.92 1.33 0.00	28.51 1.33 0.00	21.59 0.93 0.00	20.22 0.65 0.00
NYPA_GOWANUS___GT5 24156	17.68 0.33 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.76 0.25 0.00	19.10 0.25 0.00	26.32 0.61 0.00	24.70 0.88 0.00	29.18 0.82 0.00	20.20 0.66 0.00	19.70 0.59 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.36 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.98 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.54 0.95 0.00	28.04 0.87 0.00	21.21 0.56 0.00	19.91 0.34 0.00
NYPA_GOWANUS___GT6 24157	17.68 0.33 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.76 0.25 0.00	19.10 0.25 0.00	26.32 0.61 0.00	24.70 0.88 0.00	29.18 0.82 0.00	20.20 0.66 0.00	19.70 0.59 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.36 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.98 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.54 0.95 0.00	28.04 0.87 0.00	21.21 0.56 0.00	19.91 0.34 0.00

NYPA_HARLEM__RVR__GT1 24160	17.62 0.27 0.00	15.25 0.20 0.00	14.88 0.19 0.00	17.38 0.22 0.00	17.76 0.25 0.00	19.08 0.23 0.00	26.27 0.55 0.00	24.69 0.87 0.00	29.17 0.80 0.00	20.17 0.63 0.00	19.68 0.58 0.00	18.18 0.52 0.00	16.37 0.50 0.00	10.27 0.33 0.00	11.86 0.42 0.00	15.14 0.51 0.00	13.42 0.50 0.00	17.95 0.61 0.00	22.97 0.68 0.00	32.15 1.22 0.00	27.50 0.91 0.00	27.97 0.80 0.00	21.17 0.52 0.00	19.87 0.29 0.00
NYPA_HARLEM__RVR__GT2 24161	17.62 0.27 0.00	15.25 0.20 0.00	14.88 0.19 0.00	17.38 0.22 0.00	17.76 0.25 0.00	19.08 0.23 0.00	26.27 0.55 0.00	24.69 0.87 0.00	29.17 0.80 0.00	20.17 0.63 0.00	19.68 0.58 0.00	18.18 0.52 0.00	16.37 0.50 0.00	10.27 0.33 0.00	11.86 0.42 0.00	15.14 0.51 0.00	13.42 0.50 0.00	17.95 0.61 0.00	22.97 0.68 0.00	32.15 1.22 0.00	27.50 0.91 0.00	27.97 0.80 0.00	21.17 0.52 0.00	19.87 0.29 0.00
NYPA_KENT____GT 24152	17.66 0.31 0.00	15.28 0.23 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.76 0.25 0.00	19.10 0.25 0.00	26.31 0.60 0.00	24.69 0.87 0.00	29.17 0.80 0.00	20.20 0.66 0.00	19.70 0.59 0.00	18.20 0.53 0.00	16.39 0.52 0.00	10.30 0.36 0.00	11.89 0.45 0.00	15.17 0.55 0.00	13.46 0.54 0.00	17.99 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.53 0.95 0.00	28.03 0.86 0.00	21.20 0.54 0.00	19.89 0.32 0.00
NYPA_POUCH1____GT 24155	17.68 0.33 0.00	15.28 0.24 0.00	14.92 0.22 0.00	17.42 0.26 0.00	17.77 0.27 0.00	19.10 0.25 0.00	26.32 0.61 0.00	24.69 0.88 0.00	29.15 0.78 0.00	20.16 0.62 0.00	19.65 0.55 0.00	18.15 0.49 0.00	16.34 0.46 0.00	10.27 0.32 0.00	11.84 0.40 0.00	15.11 0.49 0.00	13.41 0.49 0.00	17.93 0.60 0.00	22.99 0.70 0.00	32.15 1.22 0.00	27.49 0.91 0.00	28.01 0.84 0.00	21.20 0.54 0.00	19.92 0.34 0.00
NYPA_VERNON____GT2 24162	17.64 0.30 0.00	15.28 0.23 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.76 0.25 0.00	19.10 0.25 0.00	26.31 0.60 0.00	24.70 0.89 0.00	29.18 0.81 0.00	20.19 0.65 0.00	19.69 0.59 0.00	18.20 0.53 0.00	16.39 0.52 0.00	10.31 0.36 0.00	11.90 0.45 0.00	15.18 0.56 0.00	13.47 0.55 0.00	17.99 0.66 0.00	23.04 0.75 0.00	32.21 1.28 0.00	27.52 0.94 0.00	28.01 0.84 0.00	21.19 0.53 0.00	19.87 0.30 0.00
NYPA_VERNON____GT3 24163	17.64 0.30 0.00	15.28 0.23 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.76 0.25 0.00	19.10 0.25 0.00	26.31 0.60 0.00	24.70 0.89 0.00	29.18 0.81 0.00	20.19 0.65 0.00	19.69 0.59 0.00	18.20 0.53 0.00	16.39 0.52 0.00	10.31 0.36 0.00	11.90 0.45 0.00	15.18 0.56 0.00	13.47 0.55 0.00	17.99 0.66 0.00	23.04 0.75 0.00	32.21 1.28 0.00	27.52 0.94 0.00	28.01 0.84 0.00	21.19 0.53 0.00	19.87 0.30 0.00
NYPA__ASTORIA_CC1 323568	17.61 0.27 0.00	15.26 0.21 0.00	14.89 0.19 0.00	17.38 0.22 0.00	17.73 0.22 0.00	19.07 0.22 0.00	26.27 0.55 0.00	24.66 0.85 0.00	29.13 0.76 0.00	20.15 0.61 0.00	19.65 0.55 0.00	18.15 0.49 0.00	16.36 0.49 0.00	10.29 0.35 0.00	11.88 0.44 0.00	15.16 0.53 0.00	13.45 0.52 0.00	17.95 0.62 0.00	22.99 0.70 0.00	32.15 1.22 0.00	27.47 0.88 0.00	27.96 0.78 0.00	21.14 0.49 0.00	19.83 0.26 0.00
NYPA__ASTORIA_CC2 323569	17.61 0.27 0.00	15.26 0.21 0.00	14.89 0.19 0.00	17.38 0.22 0.00	17.73 0.22 0.00	19.07 0.22 0.00	26.27 0.55 0.00	24.66 0.85 0.00	29.13 0.76 0.00	20.15 0.61 0.00	19.65 0.55 0.00	18.15 0.49 0.00	16.36 0.49 0.00	10.29 0.35 0.00	11.88 0.44 0.00	15.16 0.53 0.00	13.45 0.52 0.00	17.95 0.62 0.00	22.99 0.70 0.00	32.15 1.22 0.00	27.47 0.88 0.00	27.96 0.78 0.00	21.14 0.49 0.00	19.83 0.26 0.00
NYPA__HOLTSVILL 23794	17.80 0.45 0.00	15.41 0.36 0.00	15.05 0.35 0.00	17.54 0.39 0.00	17.93 0.42 0.00	19.32 0.47 0.00	26.84 1.13 0.00	24.97 1.16 0.00	29.24 0.87 0.00	20.18 0.64 0.00	19.75 0.65 0.00	18.21 0.54 0.00	16.25 0.38 0.00	10.20 0.25 0.00	11.80 0.36 0.00	15.08 0.45 0.00	13.40 0.47 0.00	17.93 0.59 0.00	23.13 0.84 0.00	32.16 1.23 0.00	27.71 1.12 0.00	28.30 1.12 0.00	21.42 0.77 0.00	20.06 0.48 0.00
NYPA__HELLGATE_GT1 24158	17.62 0.27 0.00	15.25 0.20 0.00	14.88 0.19 0.00	17.38 0.22 0.00	17.76 0.25 0.00	19.08 0.23 0.00	26.27 0.55 0.00	24.69 0.87 0.00	29.17 0.80 0.00	20.17 0.63 0.00	19.68 0.58 0.00	18.18 0.52 0.00	16.37 0.50 0.00	10.27 0.33 0.00	11.86 0.42 0.00	15.14 0.51 0.00	13.42 0.50 0.00	17.95 0.61 0.00	22.97 0.68 0.00	32.15 1.22 0.00	27.50 0.91 0.00	27.97 0.80 0.00	21.17 0.52 0.00	19.87 0.29 0.00
NYPA__HELLGATE_GT2 24159	17.62 0.27 0.00	15.25 0.20 0.00	14.88 0.19 0.00	17.38 0.22 0.00	17.76 0.25 0.00	19.08 0.23 0.00	26.27 0.55 0.00	24.69 0.87 0.00	29.17 0.80 0.00	20.17 0.63 0.00	19.68 0.58 0.00	18.18 0.52 0.00	16.37 0.50 0.00	10.27 0.33 0.00	11.86 0.42 0.00	15.14 0.51 0.00	13.42 0.50 0.00	17.95 0.61 0.00	22.97 0.68 0.00	32.15 1.22 0.00	27.50 0.91 0.00	27.97 0.80 0.00	21.17 0.52 0.00	19.87 0.29 0.00
NYS_BARGE__HYD 23848	15.82 -1.52 0.00	13.68 -1.37 0.00	13.44 -1.25 0.00	15.73 -1.43 0.00	16.08 -1.43 0.00	17.35 -1.50 0.00	23.25 -2.46 0.00	21.29 -2.53 0.00	25.46 -2.91 0.00	17.91 -1.63 0.00	17.67 -1.43 0.00	16.30 -1.37 0.00	14.75 -1.12 0.00	9.22 -0.73 0.00	10.70 -0.75 0.00	13.52 -1.11 0.00	11.87 -1.06 0.00	15.78 -1.55 0.00	20.26 -2.03 0.00	28.04 -2.89 0.00	24.08 -2.51 0.00	24.69 -2.49 0.00	19.06 -1.60 0.00	18.74 -0.83 0.00
OAK_ORCHARD__HYD 24046	16.51 -0.84 0.00	14.28 -0.76 0.00	13.99 -0.70 0.00	16.36 -0.80 0.00	16.74 -0.77 0.00	18.04 -0.81 0.00	24.40 -1.31 0.00	22.56 -1.25 0.00	26.86 -1.50 0.00	18.67 -0.87 0.00	18.34 -0.76 0.00	16.94 -0.73 0.00	15.26 -0.61 0.00	9.55 -0.40 0.00	11.04 -0.41 0.00	14.02 -0.61 0.00	12.34 -0.59 0.00	16.49 -0.85 0.00	21.21 -1.09 0.00	29.40 -1.52 0.00	25.24 -1.35 0.00	25.82 -1.36 0.00	19.78 -0.88 0.00	19.14 -0.43 0.00
OAKDALE__35_KV_LOAD 356122	17.20 -0.15 0.00	14.90 -0.14 0.00	14.54 -0.15 0.00	17.02 -0.14 0.00	17.36 -0.15 0.00	18.72 -0.13 0.00	25.53 -0.18 0.00	23.78 -0.04 0.00	28.18 -0.18 0.00	19.42 -0.12 0.00	18.99 -0.11 0.00	17.55 -0.12 0.00	15.80 -0.07 0.00	9.90 -0.05 0.00	11.36 -0.09 0.00	14.50 -0.13 0.00	12.82 -0.11 0.00	17.20 -0.14 0.00	22.12 -0.17 0.00	30.81 -0.12 0.00	26.39 -0.19 0.00	26.99 -0.18 0.00	20.55 -0.11 0.00	19.55 -0.02 0.00
OCC_CHEM__DRP 24175	15.62 -1.72 0.00	13.55 -1.50 0.00	13.32 -1.37 0.00	15.58 -1.59 0.00	15.85 -1.66 0.00	17.16 -1.69 0.00	22.87 -2.85 0.00	20.78 -3.04 0.00	24.83 -3.54 0.00	17.51 -2.03 0.00	17.31 -1.79 0.00	15.97 -1.70 0.00	14.46 -1.41 0.00	9.05 -0.90 0.00	10.51 -0.94 0.00	13.28 -1.35 0.00	11.66 -1.27 0.00	15.46 -1.87 0.00	19.79 -2.50 0.00	27.35 -3.58 0.00	23.48 -3.11 0.00	24.08 -3.10 0.00	18.62 -2.04 0.00	18.40 -1.18 0.00

OH_GEN_PROXY 24063	15.75 -1.60 0.00	13.62 -1.43 0.00	13.38 -1.31 0.00	15.66 -1.50 0.00	16.01 -1.50 0.00	17.25 -1.60 0.00	23.21 -2.59 -0.08	21.18 -2.64 0.00	25.32 -3.05 0.00	17.83 -1.72 0.00	17.63 -1.47 0.00	16.27 -1.40 0.00	14.71 -1.16 0.00	9.21 -0.74 0.00	10.68 -0.77 0.00	13.51 -1.12 0.00	11.85 -1.08 0.00	15.75 -1.58 0.00	38.13 -2.12 -17.95	27.87 -3.06 0.00	23.93 -2.65 0.00	24.55 -2.62 0.00	18.93 -1.72 0.00	18.58 -1.00 0.00
OLIN_CORP_DRP 24177	15.58 -1.76 0.00	13.48 -1.57 0.00	13.25 -1.45 0.00	15.49 -1.67 0.00	15.76 -1.75 0.00	17.06 -1.79 0.00	22.84 -2.87 0.00	20.90 -2.92 0.00	25.02 -3.35 0.00	17.62 -1.92 0.00	17.41 -1.69 0.00	16.05 -1.61 0.00	14.54 -1.33 0.00	9.10 -0.85 0.00	10.55 -0.89 0.00	13.34 -1.28 0.00	11.72 -1.21 0.00	15.54 -1.79 0.00	19.92 -2.37 0.00	27.55 -3.38 0.00	23.65 -2.93 0.00	24.25 -2.93 0.00	18.75 -1.91 0.00	18.44 -1.13 0.00
OLIN_CORP_DSASP 323712	15.62 -1.73 0.00	13.55 -1.50 0.00	13.32 -1.37 0.00	15.58 -1.58 0.00	15.92 -1.59 0.00	17.16 -1.69 0.00	22.87 -2.85 0.00	20.78 -3.04 0.00	24.84 -3.53 0.00	17.51 -2.03 0.00	17.31 -1.79 0.00	15.97 -1.69 0.00	14.46 -1.41 0.00	9.05 -0.90 0.00	10.51 -0.94 0.00	13.28 -1.35 0.00	11.65 -1.27 0.00	15.47 -1.87 0.00	19.80 -2.50 0.00	27.34 -3.59 0.00	23.47 -3.11 0.00	24.08 -3.10 0.00	18.62 -2.04 0.00	18.41 -1.16 0.00
ONEIDA_HERK_LFGE 323681	17.86 0.51 0.00	15.46 0.41 0.00	14.91 0.22 0.00	17.40 0.23 0.00	17.77 0.26 0.00	19.15 0.30 0.00	26.09 0.38 0.00	24.20 0.38 0.00	28.87 0.51 0.00	19.76 0.22 0.00	19.26 0.16 0.00	17.74 0.07 0.00	15.91 0.04 0.00	9.96 0.02 0.00	11.37 -0.08 0.00	14.48 -0.15 0.00	12.76 -0.17 0.00	17.20 -0.14 0.00	22.36 0.07 0.00	31.28 0.35 0.00	26.80 0.21 0.00	27.35 0.17 0.00	20.70 0.04 0.00	19.55 -0.03 0.00
ONEIDA___115KV_TB4 55905	17.74 0.39 0.00	15.36 0.32 0.00	15.01 0.32 0.00	17.55 0.39 0.00	17.97 0.46 0.00	19.38 0.53 0.00	26.44 0.73 0.00	24.56 0.75 0.00	29.17 0.80 0.00	19.96 0.42 0.00	19.50 0.39 0.00	18.05 0.39 0.00	16.18 0.31 0.00	10.11 0.16 0.00	11.54 0.09 0.00	14.73 0.11 0.00	13.03 0.10 0.00	17.56 0.23 0.00	22.73 0.43 0.00	31.68 0.75 0.00	27.16 0.57 0.00	27.71 0.53 0.00	21.03 0.37 0.00	19.93 0.35 0.00
ONONDAGA_REF_OCCRA 23987	17.22 -0.13 0.00	14.92 -0.12 0.00	14.57 -0.13 0.00	17.03 -0.13 0.00	17.38 -0.13 0.00	18.72 -0.13 0.00	25.48 -0.23 0.00	23.77 -0.05 0.00	28.16 -0.20 0.00	19.40 -0.14 0.00	18.96 -0.14 0.00	17.54 -0.12 0.00	15.78 -0.09 0.00	9.88 -0.07 0.00	11.34 -0.10 0.00	14.47 -0.16 0.00	12.78 -0.14 0.00	17.15 -0.18 0.00	22.07 -0.23 0.00	30.68 -0.25 0.00	26.31 -0.27 0.00	26.89 -0.29 0.00	20.50 -0.15 0.00	19.57 0.00 0.00
ONONDAGA___COGEN 23986	17.22 -0.13 0.00	14.94 -0.11 0.00	14.58 -0.12 0.00	17.05 -0.10 0.00	17.40 -0.11 0.00	18.74 -0.11 0.00	25.51 -0.20 0.00	23.91 0.10 0.00	28.21 -0.16 0.00	19.45 -0.09 0.00	19.03 -0.08 0.00	17.59 -0.08 0.00	15.80 -0.07 0.00	9.89 -0.05 0.00	11.35 -0.09 0.00	14.50 -0.13 0.00	12.81 -0.11 0.00	17.20 -0.14 0.00	22.11 -0.18 0.00	30.71 -0.22 0.00	26.35 -0.24 0.00	26.94 -0.24 0.00	20.55 -0.11 0.00	19.62 0.04 0.00
ONTARIO___LFGE 23819	17.07 -0.27 0.00	14.82 -0.22 0.00	14.39 -0.30 0.00	16.93 -0.23 0.00	17.32 -0.19 0.00	18.72 -0.13 0.00	25.63 -0.08 0.00	23.80 -0.01 0.00	28.00 -0.37 0.00	19.57 0.03 0.00	19.20 0.10 0.00	17.68 0.02 0.00	15.83 -0.04 0.00	9.88 -0.07 0.00	11.34 -0.11 0.00	14.44 -0.18 0.00	12.78 -0.15 0.00	17.25 -0.08 0.00	22.29 0.00 0.00	31.07 0.14 0.00	26.85 0.26 0.00	27.38 0.20 0.00	20.87 0.22 0.00	19.96 0.39 0.00
ORANGEVILLE_WT_PWR 323706	15.70 -1.64 0.00	13.57 -1.48 0.00	13.33 -1.36 0.00	15.64 -1.52 0.00	16.04 -1.47 0.00	17.32 -1.53 0.00	23.22 -2.49 0.00	21.29 -2.53 0.00	25.46 -2.91 0.00	17.97 -1.57 0.00	17.70 -1.40 0.00	16.40 -1.27 0.00	14.86 -1.01 0.00	9.27 -0.68 0.00	10.74 -0.70 0.00	13.51 -1.12 0.00	11.83 -1.10 0.00	15.76 -1.58 0.00	20.28 -2.01 0.00	28.17 -2.76 0.00	24.25 -2.33 0.00	24.95 -2.23 0.00	19.27 -1.39 0.00	18.94 -0.63 0.00
ORANGEVILLE___ESR 323794	15.70 -1.64 0.00	13.57 -1.48 0.00	13.33 -1.36 0.00	15.64 -1.52 0.00	16.04 -1.47 0.00	17.32 -1.53 0.00	23.22 -2.49 0.00	21.29 -2.53 0.00	25.46 -2.91 0.00	17.97 -1.57 0.00	17.70 -1.40 0.00	16.40 -1.27 0.00	14.86 -1.01 0.00	9.27 -0.68 0.00	10.74 -0.70 0.00	13.51 -1.12 0.00	11.83 -1.10 0.00	15.76 -1.58 0.00	20.28 -2.01 0.00	28.17 -2.76 0.00	24.25 -2.33 0.00	24.95 -2.23 0.00	19.27 -1.39 0.00	18.94 -0.63 0.00
OSWEGATCHIE___HYD 24044	17.19 -0.16 0.00	14.89 -0.15 0.00	14.47 -0.22 0.00	16.83 -0.33 0.00	17.15 -0.36 0.00	18.49 -0.36 0.00	25.13 -0.58 0.00	23.19 -0.62 0.00	27.87 -0.50 0.00	19.10 -0.44 0.00	18.58 -0.52 0.00	17.06 -0.61 0.00	15.33 -0.54 0.00	9.57 -0.37 0.00	10.91 -0.53 0.00	13.91 -0.72 0.00	12.19 -0.74 0.00	16.45 -0.88 0.00	21.55 -0.74 0.00	30.12 -0.81 0.00	25.84 -0.74 0.00	26.46 -0.72 0.00	20.03 -0.63 0.00	18.88 -0.70 0.00
OSWEGO___5 23606	17.00 -0.35 0.00	14.74 -0.31 0.00	14.39 -0.30 0.00	16.83 -0.33 0.00	17.18 -0.33 0.00	18.47 -0.37 0.00	25.09 -0.62 0.00	23.23 -0.58 0.00	27.63 -0.74 0.00	19.06 -0.48 0.00	18.64 -0.47 0.00	17.24 -0.42 0.00	15.50 -0.37 0.00	9.71 -0.24 0.00	11.16 -0.29 0.00	14.25 -0.38 0.00	12.58 -0.35 0.00	16.86 -0.47 0.00	21.66 -0.64 0.00	30.07 -0.86 0.00	25.81 -0.77 0.00	26.39 -0.79 0.00	20.14 -0.51 0.00	19.23 -0.34 0.00
OSWEGO___6 23613	17.00 -0.35 0.00	14.74 -0.31 0.00	14.39 -0.30 0.00	16.83 -0.33 0.00	17.18 -0.33 0.00	18.47 -0.37 0.00	25.09 -0.62 0.00	23.23 -0.58 0.00	27.63 -0.74 0.00	19.06 -0.48 0.00	18.64 -0.47 0.00	17.24 -0.42 0.00	15.50 -0.37 0.00	9.71 -0.24 0.00	11.16 -0.29 0.00	14.25 -0.38 0.00	12.58 -0.35 0.00	16.86 -0.47 0.00	21.66 -0.64 0.00	30.07 -0.86 0.00	25.81 -0.77 0.00	26.39 -0.79 0.00	20.14 -0.51 0.00	19.23 -0.34 0.00
OUTOKUMPU-AB___DRP 24206	15.98 -1.37 0.00	13.82 -1.23 0.00	13.57 -1.12 0.00	15.89 -1.27 0.00	16.18 -1.33 0.00	17.53 -1.31 0.00	23.48 -2.24 0.00	21.47 -2.35 0.00	25.65 -2.72 0.00	18.07 -1.48 0.00	17.84 -1.26 0.00	16.45 -1.22 0.00	14.90 -0.97 0.00	9.32 -0.63 0.00	10.80 -0.65 0.00	13.66 -0.97 0.00	11.99 -0.94 0.00	15.93 -1.40 0.00	20.42 -1.87 0.00	28.27 -2.66 0.00	24.28 -2.31 0.00	24.90 -2.28 0.00	19.22 -1.43 0.00	18.90 -0.68 0.00
OXBOW___BTM 323836	15.80 -1.55 0.00	13.69 -1.36 0.00	13.45 -1.24 0.00	15.74 -1.42 0.00	16.09 -1.42 0.00	17.35 -1.49 0.00	23.19 -2.53 0.00	21.14 -2.67 0.00	25.26 -3.11 0.00	17.80 -1.74 0.00	17.59 -1.51 0.00	16.22 -1.44 0.00	14.69 -1.18 0.00	9.19 -0.76 0.00	10.66 -0.79 0.00	13.47 -1.16 0.00	11.83 -1.10 0.00	15.71 -1.62 0.00	20.13 -2.17 0.00	27.83 -3.10 0.00	23.89 -2.69 0.00	24.51 -2.67 0.00	18.93 -1.73 0.00	18.67 -0.91 0.00

OXBOW____ 24026	15.80 -1.54 0.00	13.69 -1.36 0.00	13.45 -1.24 0.00	15.74 -1.42 0.00	16.02 -1.49 0.00	17.36 -1.49 0.00	23.18 -2.53 0.00	21.14 -2.68 0.00	25.26 -3.11 0.00	17.80 -1.74 0.00	17.58 -1.52 0.00	16.22 -1.45 0.00	14.69 -1.18 0.00	9.19 -0.76 0.00	10.66 -0.79 0.00	13.47 -1.16 0.00	11.83 -1.09 0.00	15.71 -1.63 0.00	20.12 -2.17 0.00	27.83 -3.10 0.00	23.89 -2.69 0.00	24.51 -2.67 0.00	18.93 -1.73 0.00	18.66 -0.92 0.00
OXY_CHEM_DSASP 323612	15.62 -1.72 0.00	13.55 -1.50 0.00	13.32 -1.37 0.00	15.58 -1.59 0.00	15.85 -1.66 0.00	17.16 -1.69 0.00	22.87 -2.85 0.00	20.78 -3.04 0.00	24.83 -3.54 0.00	17.51 -2.03 0.00	17.31 -1.79 0.00	15.97 -1.70 0.00	14.46 -1.41 0.00	9.05 -0.90 0.00	10.51 -0.94 0.00	13.28 -1.35 0.00	11.66 -1.27 0.00	15.46 -1.87 0.00	19.79 -2.50 0.00	27.35 -3.58 0.00	23.48 -3.11 0.00	24.08 -3.10 0.00	18.62 -2.04 0.00	18.40 -1.18 0.00
OZONE_PARK_ESR 323760	17.77 0.43 0.00	15.39 0.34 0.00	15.01 0.32 0.00	17.53 0.36 0.00	17.90 0.39 0.00	19.24 0.39 0.00	26.53 0.82 0.00	24.90 1.09 0.00	29.42 1.05 0.00	20.35 0.80 0.00	19.84 0.74 0.00	18.33 0.67 0.00	16.50 0.63 0.00	10.38 0.43 0.00	11.98 0.53 0.00	15.29 0.66 0.00	13.56 0.64 0.00	18.13 0.79 0.00	23.24 0.94 0.00	32.50 1.57 0.00	27.75 1.16 0.00	28.25 1.07 0.00	21.36 0.70 0.00	20.04 0.46 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	15.62 -1.72 0.00	13.55 -1.50 0.00	13.32 -1.37 0.00	15.58 -1.59 0.00	15.85 -1.66 0.00	17.16 -1.69 0.00	22.87 -2.85 0.00	20.78 -3.04 0.00	24.83 -3.54 0.00	17.51 -2.03 0.00	17.31 -1.79 0.00	15.97 -1.70 0.00	14.46 -1.41 0.00	9.05 -0.90 0.00	10.51 -0.94 0.00	13.28 -1.35 0.00	11.66 -1.27 0.00	15.46 -1.87 0.00	19.79 -2.50 0.00	27.35 -3.58 0.00	23.48 -3.11 0.00	24.08 -3.10 0.00	18.62 -2.04 0.00	18.40 -1.18 0.00
PACKARD__115KV_DUPONT_184 80571	15.62 -1.72 0.00	13.55 -1.50 0.00	13.32 -1.37 0.00	15.58 -1.59 0.00	15.85 -1.66 0.00	17.16 -1.69 0.00	22.87 -2.85 0.00	20.78 -3.04 0.00	24.83 -3.54 0.00	17.51 -2.03 0.00	17.31 -1.79 0.00	15.97 -1.70 0.00	14.46 -1.41 0.00	9.05 -0.90 0.00	10.51 -0.94 0.00	13.28 -1.35 0.00	11.66 -1.27 0.00	15.46 -1.87 0.00	19.79 -2.50 0.00	27.35 -3.58 0.00	23.48 -3.11 0.00	24.08 -3.10 0.00	18.62 -2.04 0.00	18.40 -1.18 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	17.59 0.24 0.00	15.23 0.18 0.00	14.86 0.16 0.00	17.39 0.23 0.00	17.78 0.27 0.00	19.10 0.25 0.00	26.30 0.59 0.00	24.72 0.90 0.00	29.15 0.78 0.00	20.15 0.61 0.00	19.65 0.55 0.00	18.15 0.48 0.00	16.34 0.47 0.00	10.26 0.31 0.00	11.84 0.40 0.00	15.11 0.49 0.00	13.41 0.48 0.00	17.93 0.59 0.00	22.96 0.67 0.00	32.14 1.21 0.00	27.47 0.89 0.00	27.96 0.78 0.00	21.15 0.50 0.00	19.85 0.28 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	17.59 0.24 0.00	15.23 0.21 0.00	14.89 0.20 0.00	17.50 0.34 0.00	17.87 0.36 0.00	19.21 0.36 0.00	26.45 0.74 0.00	24.86 1.04 0.00	29.30 0.93 0.00	20.23 0.69 0.00	19.70 0.60 0.00	18.19 0.53 0.00	16.39 0.52 0.00	10.27 0.32 0.00	11.85 0.41 0.00	15.12 0.49 0.00	13.42 0.50 0.00	17.95 0.61 0.00	23.01 0.71 0.00	32.22 1.29 0.00	27.56 0.97 0.00	28.03 0.85 0.00	21.22 0.57 0.00	19.91 0.34 0.00
PATROON__115KV_TB1 80586	17.67 0.32 0.00	15.35 0.30 0.00	14.98 0.28 0.00	17.51 0.35 0.00	17.88 0.38 0.00	19.27 0.42 0.00	26.43 0.72 0.00	24.70 0.88 0.00	29.19 0.82 0.00	19.98 0.44 0.00	19.49 0.38 0.00	18.02 0.36 0.00	16.14 0.27 0.00	10.12 0.18 0.00	11.67 0.22 0.00	14.95 0.32 0.00	13.24 0.31 0.00	17.78 0.45 0.00	22.81 0.51 0.00	31.79 0.86 0.00	27.22 0.64 0.00	27.83 0.65 0.00	21.03 0.37 0.00	19.80 0.22 0.00
PATTRSNVILLE__SOLAR 323815	17.76 0.42 0.00	15.41 0.37 0.00	15.05 0.35 0.00	17.59 0.43 0.00	17.96 0.45 0.00	19.35 0.50 0.00	26.49 0.78 0.00	24.63 0.82 0.00	29.12 0.75 0.00	19.95 0.40 0.00	19.42 0.32 0.00	17.95 0.29 0.00	16.11 0.24 0.00	10.11 0.16 0.00	11.65 0.20 0.00	14.92 0.30 0.00	13.24 0.32 0.00	17.80 0.47 0.00	22.96 0.66 0.00	31.98 1.05 0.00	27.41 0.82 0.00	27.95 0.77 0.00	21.18 0.52 0.00	20.01 0.44 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	16.49 -0.85 0.00	14.24 -0.80 0.00	13.97 -0.73 0.00	16.38 -0.78 0.00	16.68 -0.83 0.00	18.04 -0.81 0.00	24.27 -1.45 0.00	22.29 -1.53 0.00	26.60 -1.77 0.00	18.75 -0.79 0.00	18.50 -0.60 0.00	17.09 -0.57 0.00	15.47 -0.40 0.00	9.68 -0.27 0.00	11.20 -0.25 0.00	14.17 -0.46 0.00	12.44 -0.49 0.00	16.55 -0.78 0.00	21.24 -1.06 0.00	29.38 -1.55 0.00	25.25 -1.34 0.00	25.95 -1.23 0.00	19.99 -0.67 0.00	19.50 -0.07 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	17.76 0.42 0.00	15.39 0.34 0.00	15.02 0.33 0.00	17.54 0.38 0.00	17.93 0.42 0.00	19.30 0.45 0.00	26.59 0.87 0.00	24.90 1.09 0.00	29.43 1.06 0.00	20.26 0.72 0.00	19.72 0.62 0.00	18.20 0.53 0.00	16.34 0.47 0.00	10.27 0.32 0.00	11.85 0.40 0.00	15.15 0.52 0.00	13.45 0.53 0.00	18.04 0.71 0.00	23.18 0.89 0.00	32.40 1.47 0.00	27.71 1.13 0.00	28.22 1.05 0.00	21.32 0.67 0.00	20.01 0.43 0.00
PEEKSKILL____ 23653	17.60 0.25 0.00	15.23 0.18 0.00	14.87 0.17 0.00	17.35 0.19 0.00	17.72 0.21 0.00	19.07 0.22 0.00	26.25 0.54 0.00	24.59 0.77 0.00	29.07 0.70 0.00	20.06 0.52 0.00	19.54 0.44 0.00	18.05 0.39 0.00	16.22 0.35 0.00	10.20 0.25 0.00	11.77 0.32 0.00	15.04 0.41 0.00	13.33 0.41 0.00	17.86 0.52 0.00	22.92 0.63 0.00	32.03 1.10 0.00	27.39 0.80 0.00	27.90 0.72 0.00	21.11 0.45 0.00	19.82 0.25 0.00
PGE MADISON__WINDPWR 24146	18.60 1.26 0.00	16.12 1.08 0.00	15.71 1.02 0.00	18.32 1.16 0.00	18.65 1.14 0.00	20.20 1.35 0.00	27.68 1.97 0.00	26.00 2.18 0.00	30.66 2.29 0.00	20.84 1.29 0.00	20.17 1.07 0.00	18.58 0.92 0.00	16.79 0.92 0.00	10.52 0.57 0.00	11.95 0.51 0.00	15.22 0.59 0.00	13.54 0.62 0.00	18.32 0.98 0.00	23.90 1.60 0.00	33.31 2.38 0.00	28.54 1.95 0.00	28.95 1.77 0.00	21.96 1.31 0.00	20.83 1.25 0.00
PIERCEFIELD__HYD 23852	17.20 -0.15 0.00	14.91 -0.14 0.00	14.53 -0.16 0.00	16.90 -0.26 0.00	17.20 -0.31 0.00	18.56 -0.29 0.00	25.29 -0.42 0.00	23.30 -0.52 0.00	27.96 -0.41 0.00	19.27 -0.27 0.00	18.83 -0.27 0.00	17.39 -0.28 0.00	15.63 -0.24 0.00	9.74 -0.21 0.00	11.17 -0.28 0.00	14.27 -0.36 0.00	12.53 -0.39 0.00	16.87 -0.46 0.00	21.97 -0.32 0.00	30.40 -0.53 0.00	26.19 -0.39 0.00	26.90 -0.28 0.00	20.42 -0.23 0.00	19.26 -0.31 0.00
PINELAWN_CC_1 323563	17.84 0.50 0.00	15.44 0.39 0.00	15.06 0.37 0.00	17.57 0.41 0.00	17.95 0.44 0.00	19.33 0.48 0.00	26.79 1.08 0.00	25.00 1.18 0.00	29.34 0.97 0.00	20.23 0.69 0.00	19.81 0.71 0.00	18.25 0.59 0.00	16.32 0.45 0.00	10.25 0.30 0.00	11.86 0.41 0.00	15.13 0.50 0.00	13.44 0.51 0.00	18.01 0.68 0.00	23.21 0.92 0.00	32.35 1.41 0.00	27.77 1.19 0.00	28.34 1.17 0.00	21.47 0.81 0.00	20.11 0.53 0.00

PJM_GEN_HTP_PROXY 323702	17.63 0.28 0.00	15.26 -0.21 0.00	14.89 0.20 0.00	17.39 0.23 0.00	17.74 0.23 0.00	19.08 0.23 0.00	26.29 0.58 0.00	24.66 0.85 0.00	26.82 0.77 2.32	19.80 0.62 0.36	19.66 0.56 0.00	18.17 0.50 0.00	16.35 0.48 0.00	10.28 0.34 0.00	11.87 0.42 0.00	15.14 0.51 0.00	13.43 0.51 0.00	17.97 0.63 0.00	23.03 0.73 0.00	32.18 1.25 0.00	27.72 0.90 -0.23	27.98 0.81 0.00	21.16 0.50 0.00	19.37 0.26 0.46
PJM_GEN_KEystone 24065	14.23 -0.45 2.67	14.59 -0.46 0.00	14.27 -0.42 0.00	16.71 -0.46 0.00	17.07 -0.44 0.00	18.35 -0.50 0.00	25.03 -0.68 0.00	23.30 -0.51 0.00	25.28 -0.76 2.32	18.86 -0.32 0.36	18.85 -0.25 0.00	17.43 -0.23 0.00	15.71 -0.16 0.00	9.86 -0.09 0.00	11.37 -0.07 0.00	14.48 -0.15 0.00	12.79 -0.14 0.00	17.08 -0.25 0.00	21.91 -0.39 0.00	30.51 -0.42 0.00	26.34 -0.47 -0.23	26.72 -0.46 0.00	20.35 -0.30 0.00	18.93 -0.19 0.46
PJM_GEN_NEPTUNE_PROXY 323594	17.68 0.34 0.00	15.30 0.26 0.00	14.93 0.24 0.00	17.42 0.26 0.00	17.78 0.27 0.00	19.14 0.29 0.00	26.48 0.76 0.00	24.73 0.92 0.00	26.77 0.72 2.32	19.73 0.54 0.36	19.65 0.55 0.00	18.14 0.47 0.00	16.25 0.38 0.00	10.21 0.26 0.00	11.80 0.36 0.00	15.07 0.44 0.00	13.36 0.44 0.00	17.89 0.56 0.00	23.00 0.71 0.00	32.07 1.13 0.00	27.74 0.92 -0.23	28.06 0.88 0.00	21.25 0.59 0.00	19.46 0.34 0.46
PJM_GEN_VFT_PROXY 323633	17.52 0.18 0.00	15.17 0.12 0.00	14.80 0.11 0.00	17.29 0.12 0.00	17.63 0.12 0.00	18.95 0.11 0.00	26.10 0.39 0.00	24.49 0.67 0.01	26.62 0.58 2.32	19.67 0.49 0.36	19.53 0.43 0.00	18.05 0.38 0.00	16.24 0.37 0.00	10.22 0.27 0.00	11.79 0.35 0.00	15.06 0.43 0.00	13.35 0.43 0.00	17.85 0.51 0.00	22.86 0.57 0.00	31.97 1.04 0.00	27.54 0.73 -0.23	27.80 0.63 0.00	21.03 0.38 0.00	19.27 0.16 0.46
PLATSBURG_115KV_PMLD1 355749	18.01 0.66 0.00	15.65 0.60 0.00	15.21 0.51 0.00	17.64 0.48 0.00	17.77 0.26 0.00	19.11 0.26 0.00	26.20 0.49 0.00	24.35 0.54 0.00	28.94 0.58 0.00	20.10 0.55 0.00	19.63 0.52 0.00	18.24 0.57 0.00	16.44 0.57 0.00	10.27 0.32 0.00	11.83 0.38 0.00	15.06 0.43 0.00	13.27 0.34 0.00	17.85 0.51 0.00	23.04 0.75 0.00	31.92 0.99 0.00	27.57 0.99 0.00	28.29 1.11 0.00	21.50 0.85 0.00	20.39 0.82 0.00
PLEASANTVLY__LBMP 24000	17.54 0.19 0.00	15.21 0.16 0.00	14.84 0.15 0.00	17.33 0.17 0.00	17.71 0.20 0.00	19.04 0.19 0.00	26.19 0.48 0.00	24.52 0.70 0.00	28.96 0.60 0.00	19.94 0.40 0.00	19.43 0.33 0.00	17.95 0.29 0.00	16.12 0.25 0.00	10.13 0.19 0.00	11.70 0.25 0.00	14.96 0.33 0.00	13.27 0.34 0.00	17.79 0.46 0.00	22.84 0.54 0.00	31.89 0.95 0.00	27.29 0.70 0.00	27.81 0.63 0.00	21.02 0.36 0.00	19.74 0.17 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	17.64 0.29 0.00	15.27 0.23 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.78 0.28 0.00	19.12 0.27 0.00	26.33 0.62 0.00	24.68 0.86 0.00	29.16 0.79 0.00	20.11 0.57 0.00	19.60 0.50 0.00	18.09 0.42 0.00	16.26 0.39 0.00	10.22 0.27 0.00	11.79 0.35 0.00	15.06 0.43 0.00	13.37 0.44 0.00	17.91 0.58 0.00	22.99 0.70 0.00	32.11 1.18 0.00	27.47 0.88 0.00	27.98 0.80 0.00	21.15 0.50 0.00	19.86 0.29 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	17.64 0.29 0.00	15.27 0.23 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.78 0.28 0.00	19.12 0.27 0.00	26.33 0.62 0.00	24.68 0.86 0.00	29.16 0.79 0.00	20.11 0.57 0.00	19.60 0.50 0.00	18.09 0.42 0.00	16.26 0.39 0.00	10.22 0.27 0.00	11.79 0.35 0.00	15.06 0.43 0.00	13.37 0.44 0.00	17.91 0.58 0.00	22.99 0.70 0.00	32.11 1.18 0.00	27.47 0.88 0.00	27.98 0.80 0.00	21.15 0.50 0.00	19.86 0.29 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	17.69 0.35 0.00	15.33 0.29 0.00	14.97 0.27 0.00	17.48 0.32 0.00	17.86 0.36 0.00	19.22 0.38 0.00	26.47 0.75 0.00	24.79 0.97 0.00	29.28 0.91 0.00	20.12 0.58 0.00	19.57 0.47 0.00	18.06 0.39 0.00	16.21 0.34 0.00	10.19 0.24 0.00	11.75 0.30 0.00	15.03 0.40 0.00	13.36 0.43 0.00	17.94 0.61 0.00	23.07 0.78 0.00	32.24 1.31 0.00	27.58 1.00 0.00	28.10 0.93 0.00	21.22 0.56 0.00	19.93 0.35 0.00
POLETTI____ 23519	17.61 0.26 0.00	15.25 0.21 0.00	14.88 0.19 0.00	17.38 0.22 0.00	17.74 0.23 0.00	19.06 0.21 0.00	26.24 0.53 0.00	24.63 0.82 0.00	29.10 0.73 0.00	20.14 0.60 0.00	19.64 0.54 0.00	18.15 0.49 0.00	16.35 0.48 0.00	10.28 0.34 0.00	11.87 0.42 0.00	15.15 0.52 0.00	13.43 0.51 0.00	17.96 0.62 0.00	22.99 0.70 0.00	32.13 1.20 0.00	27.44 0.85 0.00	27.94 0.76 0.00	21.13 0.48 0.00	19.82 0.25 0.00
POMONA____ESR 323819	17.61 0.26 0.00	15.23 0.18 0.00	14.87 0.18 0.00	17.36 0.20 0.00	17.73 0.22 0.00	19.08 0.23 0.00	26.26 0.55 0.00	24.59 0.77 0.00	29.07 0.70 0.00	20.07 0.53 0.00	19.55 0.45 0.00	18.06 0.39 0.00	16.23 0.35 0.00	10.20 0.26 0.00	11.77 0.32 0.00	15.04 0.41 0.00	13.33 0.41 0.00	17.86 0.52 0.00	22.93 0.63 0.00	32.05 1.11 0.00	27.40 0.81 0.00	27.92 0.74 0.00	21.13 0.48 0.00	19.86 0.28 0.00
PORT_JEFF_3 23555	17.81 0.46 0.00	15.42 0.37 0.00	15.05 0.35 0.00	17.55 0.39 0.00	17.94 0.43 0.00	19.33 0.48 0.00	26.88 1.16 0.00	24.95 1.13 0.00	29.14 0.77 0.00	20.08 0.53 0.00	19.64 0.54 0.00	18.11 0.45 0.00	16.15 0.28 0.00	10.14 0.19 0.00	11.73 0.29 0.00	14.99 0.36 0.00	13.33 0.40 0.00	17.84 0.50 0.00	23.03 0.73 0.00	32.02 1.09 0.00	27.67 1.09 0.00	28.33 1.15 0.00	21.44 0.79 0.00	20.07 0.50 0.00
PORT_JEFF_4 23616	17.81 0.46 0.00	15.42 0.37 0.00	15.05 0.35 0.00	17.55 0.39 0.00	17.94 0.43 0.00	19.33 0.48 0.00	26.88 1.16 0.00	24.95 1.13 0.00	29.14 0.77 0.00	20.08 0.53 0.00	19.64 0.54 0.00	18.11 0.45 0.00	16.15 0.28 0.00	10.14 0.19 0.00	11.73 0.29 0.00	14.99 0.36 0.00	13.33 0.40 0.00	17.84 0.50 0.00	23.03 0.73 0.00	32.02 1.09 0.00	27.67 1.09 0.00	28.33 1.15 0.00	21.44 0.79 0.00	20.07 0.50 0.00
PORT_JEFF_IC 23713	17.81 0.46 0.00	15.42 0.38 0.00	15.05 0.36 0.00	17.56 0.40 0.00	17.97 0.46 0.00	19.35 0.50 0.00	26.90 1.19 0.00	24.99 1.18 0.00	29.20 0.83 0.00	20.12 0.58 0.00	19.69 0.58 0.00	18.15 0.49 0.00	16.18 0.31 0.00	10.16 0.21 0.00	11.76 0.31 0.00	15.02 0.39 0.00	13.36 0.43 0.00	17.88 0.54 0.00	23.08 0.79 0.00	32.10 1.17 0.00	27.72 1.14 0.00	28.36 1.18 0.00	21.46 0.80 0.00	20.09 0.51 0.00
PPL PILGRIM_ST_GT1 24216	17.94 0.59 0.00	15.52 0.48 0.00	15.15 0.46 0.00	17.66 0.51 0.00	18.05 0.54 0.00	19.44 0.59 0.00	26.98 1.26 0.00	25.11 1.30 0.00	29.35 0.99 0.00	20.26 0.72 0.00	19.85 0.75 0.00	18.30 0.63 0.00	16.34 0.46 0.00	10.25 0.31 0.00	11.90 0.46 0.00	15.19 0.57 0.00	13.50 0.58 0.00	18.10 0.76 0.00	23.33 1.03 0.00	32.46 1.53 0.00	27.92 1.33 0.00	28.51 1.33 0.00	21.59 0.93 0.00	20.22 0.65 0.00

PPL PILGRIM_ST_GT2 24217	17.94 0.59 0.00	15.52 0.48 0.00	15.15 0.46 0.00	17.66 0.51 0.00	18.05 0.54 0.00	19.44 0.59 0.00	26.98 1.26 0.00	25.11 1.30 0.00	29.35 0.99 0.00	20.26 0.72 0.00	19.85 0.75 0.00	18.30 0.63 0.00	16.34 0.46 0.00	10.25 0.31 0.00	11.90 0.46 0.00	15.19 0.57 0.00	13.50 0.58 0.00	18.10 0.76 0.00	23.33 1.03 0.00	32.46 1.53 0.00	27.92 1.33 0.00	28.51 1.33 0.00	21.59 0.93 0.00	20.22 0.65 0.00
PPL_SHRM_GT3 24213	17.69 0.34 0.00	15.35 0.30 0.00	14.99 0.29 0.00	17.49 0.33 0.00	17.89 0.38 0.00	19.29 0.44 0.00	26.98 1.27 0.00	25.05 1.24 0.00	29.32 0.95 0.00	20.21 0.67 0.00	19.75 0.65 0.00	18.21 0.54 0.00	16.21 0.34 0.00	10.17 0.22 0.00	11.77 0.33 0.00	15.04 0.41 0.00	13.39 0.46 0.00	17.82 0.49 0.00	23.07 0.78 0.00	32.05 1.12 0.00	27.69 1.10 0.00	28.19 1.01 0.00	21.33 0.67 0.00	19.95 0.37 0.00
PPL_SHRM_GT4 24214	17.69 0.34 0.00	15.35 0.30 0.00	14.99 0.29 0.00	17.49 0.33 0.00	17.89 0.38 0.00	19.29 0.44 0.00	26.98 1.27 0.00	25.05 1.24 0.00	29.32 0.95 0.00	20.21 0.67 0.00	19.75 0.65 0.00	18.21 0.54 0.00	16.21 0.34 0.00	10.17 0.22 0.00	11.77 0.33 0.00	15.04 0.41 0.00	13.39 0.46 0.00	17.82 0.49 0.00	23.07 0.78 0.00	32.05 1.12 0.00	27.69 1.10 0.00	28.19 1.01 0.00	21.33 0.67 0.00	19.95 0.37 0.00
PROJECT___ORANGE 1 24174	17.12 -0.23 0.00	14.83 -0.21 0.00	14.48 -0.21 0.00	16.93 -0.23 0.00	17.29 -0.22 0.00	18.61 -0.24 0.00	25.29 -0.42 0.00	23.55 -0.27 0.00	27.95 -0.42 0.00	19.27 -0.27 0.00	18.85 -0.25 0.00	17.44 -0.22 0.00	15.69 -0.18 0.00	9.83 -0.12 0.00	11.29 -0.16 0.00	14.40 -0.23 0.00	12.71 -0.21 0.00	17.05 -0.29 0.00	21.90 -0.39 0.00	30.44 -0.49 0.00	26.11 -0.47 0.00	26.69 -0.49 0.00	20.36 -0.29 0.00	19.46 -0.12 0.00
PROJECT___ORANGE 2 24166	17.12 -0.23 0.00	14.83 -0.21 0.00	14.48 -0.21 0.00	16.93 -0.23 0.00	17.29 -0.22 0.00	18.61 -0.24 0.00	25.29 -0.42 0.00	23.55 -0.27 0.00	27.95 -0.42 0.00	19.27 -0.27 0.00	18.85 -0.25 0.00	17.44 -0.22 0.00	15.69 -0.18 0.00	9.83 -0.12 0.00	11.29 -0.16 0.00	14.40 -0.23 0.00	12.71 -0.21 0.00	17.05 -0.29 0.00	21.90 -0.39 0.00	30.44 -0.49 0.00	26.11 -0.47 0.00	26.69 -0.49 0.00	20.36 -0.29 0.00	19.46 -0.12 0.00
PUCKETT___SOLAR 323809	17.52 0.17 0.00	15.18 0.13 0.00	14.81 0.12 0.00	17.33 0.16 0.00	17.66 0.15 0.00	19.05 0.21 0.00	25.99 0.27 0.00	24.29 0.47 0.00	28.72 0.35 0.00	19.69 0.15 0.00	19.19 0.09 0.00	17.69 0.02 0.00	15.91 0.04 0.00	10.00 0.05 0.00	11.41 -0.03 0.00	14.59 -0.04 0.00	12.93 0.00 0.00	17.42 0.09 0.00	22.50 0.21 0.00	31.38 0.44 0.00	26.89 0.31 0.00	27.41 0.23 0.00	20.83 0.18 0.00	19.82 0.25 0.00
PYRITES___HYD 24023	17.63 0.28 0.00	15.27 0.23 0.00	14.90 0.20 0.00	17.33 0.17 0.00	17.66 0.15 0.00	19.07 0.22 0.00	26.03 0.31 0.00	23.99 0.17 0.00	28.77 0.40 0.00	19.71 0.17 0.00	19.27 0.17 0.00	17.82 0.15 0.00	15.95 0.07 0.00	9.92 -0.02 0.00	11.39 -0.06 0.00	14.54 -0.09 0.00	12.80 -0.13 0.00	17.26 -0.07 0.00	22.56 0.26 0.00	31.30 0.37 0.00	26.97 0.38 0.00	27.66 0.48 0.00	21.04 0.38 0.00	19.84 0.27 0.00
QUAKERRD_115KV_BK1 80622	16.27 -1.08 0.00	14.08 -0.97 0.00	13.78 -0.91 0.00	16.12 -1.04 0.00	16.45 -1.06 0.00	17.76 -1.09 0.00	24.05 -1.66 0.00	22.27 -1.55 0.00	26.50 -1.87 0.00	18.38 -1.17 0.00	18.03 -1.07 0.00	16.64 -1.02 0.00	14.98 -0.89 0.00	9.39 -0.56 0.00	10.83 -0.62 0.00	13.78 -0.85 0.00	12.14 -0.79 0.00	16.24 -1.09 0.00	20.88 -1.41 0.00	28.96 -1.97 0.00	24.84 -1.74 0.00	25.40 -1.77 0.00	19.43 -1.22 0.00	18.74 -0.84 0.00
QUENSBRY_115KV_TB8 356137	17.82 0.48 0.00	15.55 0.50 0.00	15.17 0.48 0.00	17.76 0.60 0.00	18.16 0.65 0.00	19.64 0.80 0.00	27.01 1.30 0.00	25.28 1.47 0.00	29.71 1.34 0.00	20.15 0.60 0.00	19.52 0.41 0.00	18.07 0.40 0.00	16.17 0.30 0.00	10.13 0.18 0.00	11.70 0.26 0.00	15.04 0.41 0.00	13.40 0.47 0.00	18.09 0.76 0.00	23.26 0.97 0.00	32.45 1.52 0.00	27.92 1.33 0.00	28.36 1.19 0.00	21.26 0.60 0.00	20.01 0.44 0.00
RAMAPO___LBMP 323565	17.55 0.21 0.00	15.18 0.14 0.00	14.83 0.13 0.00	17.31 0.15 0.00	17.70 0.19 0.00	19.02 0.17 0.00	26.18 0.46 0.00	24.51 0.69 0.00	28.98 0.61 0.00	20.00 0.46 0.00	19.49 0.38 0.00	17.99 0.32 0.00	16.16 0.29 0.00	10.17 0.22 0.00	11.73 0.28 0.00	14.98 0.36 0.00	13.28 0.36 0.00	17.79 0.45 0.00	22.84 0.54 0.00	31.93 0.99 0.00	27.30 0.71 0.00	27.81 0.64 0.00	21.05 0.40 0.00	19.79 0.22 0.00
RANKINE____ 23646	16.12 -1.23 0.00	13.92 -1.13 0.00	13.66 -1.04 0.00	16.01 -1.15 0.00	16.30 -1.22 0.00	17.67 -1.18 0.00	23.73 -1.98 0.00	21.77 -2.05 0.00	26.00 -2.37 0.00	18.34 -1.20 0.00	18.11 -0.99 0.00	16.72 -0.95 0.00	15.13 -0.74 0.00	9.46 -0.49 0.00	10.95 -0.49 0.00	13.85 -0.78 0.00	12.15 -0.77 0.00	16.16 -1.18 0.00	20.72 -1.57 0.00	28.72 -2.21 0.00	24.67 -1.91 0.00	25.35 -1.82 0.00	19.54 -1.11 0.00	19.15 -0.43 0.00
RAVENSWOOD_GT2_1 24244	17.63 0.28 0.00	15.27 0.22 0.00	14.90 0.21 0.00	17.40 0.24 0.00	17.77 0.25 0.00	19.09 0.24 0.00	26.30 0.58 0.00	24.67 0.85 0.00	29.14 0.78 0.00	20.16 0.62 0.00	19.66 0.56 0.00	18.17 0.50 0.00	16.34 0.47 0.00	10.28 0.34 0.00	11.87 0.42 0.00	15.15 0.52 0.00	13.43 0.51 0.00	17.97 0.63 0.00	23.02 0.73 0.00	32.17 1.24 0.00	27.49 0.90 0.00	27.99 0.81 0.00	21.17 0.51 0.00	19.85 0.28 0.00
RAVENSWOOD_GT2_2 24245	17.63 0.28 0.00	15.27 0.22 0.00	14.90 0.21 0.00	17.40 0.24 0.00	17.77 0.25 0.00	19.09 0.24 0.00	26.30 0.58 0.00	24.67 0.85 0.00	29.14 0.78 0.00	20.16 0.62 0.00	19.66 0.56 0.00	18.17 0.50 0.00	16.34 0.47 0.00	10.28 0.34 0.00	11.87 0.42 0.00	15.15 0.52 0.00	13.43 0.51 0.00	17.97 0.63 0.00	23.02 0.73 0.00	32.17 1.24 0.00	27.49 0.90 0.00	27.99 0.81 0.00	21.17 0.51 0.00	19.85 0.28 0.00
RAVENSWOOD_GT2_3 24246	17.64 0.29 0.00	15.27 0.23 0.00	14.91 0.21 0.00	17.40 0.24 0.00	17.78 0.27 0.00	19.10 0.25 0.00	26.30 0.59 0.00	24.68 0.86 0.00	29.17 0.80 0.00	20.17 0.63 0.00	19.67 0.56 0.00	18.17 0.51 0.00	16.35 0.48 0.00	10.28 0.34 0.00	11.87 0.43 0.00	15.16 0.53 0.00	13.44 0.52 0.00	17.98 0.64 0.00	23.04 0.74 0.00	32.19 1.26 0.00	27.50 0.91 0.00	28.00 0.82 0.00	21.18 0.52 0.00	19.86 0.29 0.00
RAVENSWOOD_GT2_4 24247	17.64 0.29 0.00	15.27 0.23 0.00	14.91 0.21 0.00	17.40 0.24 0.00	17.78 0.27 0.00	19.10 0.25 0.00	26.30 0.59 0.00	24.68 0.86 0.00	29.17 0.80 0.00	20.17 0.63 0.00	19.67 0.56 0.00	18.17 0.51 0.00	16.35 0.48 0.00	10.28 0.34 0.00	11.87 0.43 0.00	15.16 0.53 0.00	13.44 0.52 0.00	17.98 0.64 0.00	23.04 0.74 0.00	32.19 1.26 0.00	27.50 0.91 0.00	28.00 0.82 0.00	21.18 0.52 0.00	19.86 0.29 0.00

RAVENSWOOD_GT3_1 24248	17.63 0.28 0.00	15.27 0.22 0.00	14.90 0.21 0.00	17.40 0.24 0.00	17.77 0.25 0.00	19.09 0.24 0.00	26.30 0.58 0.00	24.67 0.85 0.00	29.14 0.78 0.00	20.16 0.62 0.00	19.66 0.56 0.00	18.17 0.50 0.00	16.35 0.48 0.00	10.28 0.34 0.00	11.87 0.42 0.00	15.15 0.52 0.00	13.43 0.51 0.00	17.97 0.63 0.00	23.02 0.73 0.00	32.17 1.24 0.00	27.49 0.90 0.00	27.99 0.81 0.00	21.17 0.51 0.00	19.85 0.28 0.00
RAVENSWOOD_GT3_2 24249	17.63 0.28 0.00	15.27 0.22 0.00	14.90 0.21 0.00	17.40 0.24 0.00	17.77 0.25 0.00	19.09 0.24 0.00	26.30 0.58 0.00	24.67 0.85 0.00	29.14 0.78 0.00	20.16 0.62 0.00	19.66 0.56 0.00	18.17 0.50 0.00	16.35 0.48 0.00	10.28 0.34 0.00	11.87 0.42 0.00	15.15 0.52 0.00	13.43 0.51 0.00	17.97 0.63 0.00	23.02 0.73 0.00	32.17 1.24 0.00	27.49 0.90 0.00	27.99 0.81 0.00	21.17 0.51 0.00	19.85 0.28 0.00
RAVENSWOOD_GT3_3 24250	17.65 0.30 0.00	15.29 0.24 0.00	14.91 0.22 0.00	17.41 0.26 0.00	17.78 0.28 0.00	19.12 0.27 0.00	26.33 0.61 0.00	24.70 0.89 0.00	29.20 0.83 0.00	20.18 0.64 0.00	19.68 0.58 0.00	18.19 0.53 0.00	16.37 0.49 0.00	10.30 0.35 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	18.00 0.66 0.00	23.06 0.77 0.00	32.22 1.29 0.00	27.53 0.94 0.00	28.03 0.85 0.00	21.20 0.54 0.00	19.88 0.31 0.00
RAVENSWOOD_GT3_4 24251	17.65 0.30 0.00	15.29 0.24 0.00	14.91 0.22 0.00	17.41 0.26 0.00	17.78 0.28 0.00	19.12 0.27 0.00	26.33 0.61 0.00	24.70 0.89 0.00	29.20 0.83 0.00	20.18 0.64 0.00	19.68 0.58 0.00	18.19 0.53 0.00	16.37 0.49 0.00	10.30 0.35 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	18.00 0.66 0.00	23.06 0.77 0.00	32.22 1.29 0.00	27.53 0.94 0.00	28.03 0.85 0.00	21.20 0.54 0.00	19.88 0.31 0.00
RAVENSWOOD_GT_1 23729	17.64 0.30 0.00	15.28 0.23 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.78 0.27 0.00	19.10 0.25 0.00	26.31 0.59 0.00	24.70 0.88 0.00	29.18 0.81 0.00	20.19 0.65 0.00	19.69 0.59 0.00	18.20 0.53 0.00	16.39 0.52 0.00	10.31 0.36 0.00	11.90 0.45 0.00	15.18 0.56 0.00	13.47 0.55 0.00	17.99 0.66 0.00	23.05 0.75 0.00	32.21 1.28 0.00	27.52 0.94 0.00	28.01 0.84 0.00	21.19 0.53 0.00	19.87 0.30 0.00
RAVENSWOOD_GT_10 24258	17.63 0.28 0.00	15.27 0.22 0.00	14.90 0.21 0.00	17.40 0.24 0.00	17.77 0.25 0.00	19.10 0.25 0.00	26.30 0.59 0.00	24.67 0.85 0.00	29.14 0.78 0.00	20.16 0.62 0.00	19.66 0.56 0.00	18.17 0.50 0.00	16.34 0.47 0.00	10.28 0.34 0.00	11.87 0.42 0.00	15.15 0.52 0.00	13.43 0.51 0.00	17.97 0.63 0.00	23.02 0.73 0.00	32.17 1.24 0.00	27.49 0.90 0.00	27.99 0.81 0.00	21.17 0.51 0.00	19.86 0.28 0.00
RAVENSWOOD_GT_11 24259	17.63 0.28 0.00	15.27 0.22 0.00	14.90 0.21 0.00	17.40 0.24 0.00	17.77 0.25 0.00	19.10 0.25 0.00	26.30 0.59 0.00	24.67 0.85 0.00	29.14 0.78 0.00	20.16 0.62 0.00	19.66 0.56 0.00	18.17 0.50 0.00	16.34 0.47 0.00	10.28 0.34 0.00	11.87 0.42 0.00	15.15 0.52 0.00	13.43 0.51 0.00	17.97 0.63 0.00	23.02 0.73 0.00	32.17 1.24 0.00	27.49 0.90 0.00	27.99 0.81 0.00	21.17 0.51 0.00	19.86 0.28 0.00
RAVENSWOOD_GT_4 24252	17.64 0.29 0.00	15.27 0.23 0.00	14.91 0.21 0.00	17.40 0.24 0.00	17.78 0.27 0.00	19.10 0.25 0.00	26.31 0.59 0.00	24.67 0.86 0.00	29.16 0.79 0.00	20.16 0.6														

RAVENSWOOD___3 23535	17.63 0.28 0.00	15.27 0.22 0.00	14.90 0.21 0.00	17.40 0.24 0.00	17.75 0.24 0.00	19.09 0.24 0.00	26.30 0.59 0.00	24.67 0.85 0.00	29.14 0.78 0.00	20.16 0.62 0.00	19.66 0.55 0.00	18.17 0.50 0.00	16.35 0.48 0.00	10.28 0.34 0.00	11.87 0.42 0.00	15.15 0.52 0.00	13.44 0.51 0.00	17.97 0.63 0.00	23.02 0.73 0.00	32.18 1.25 0.00	27.49 0.90 0.00	27.99 0.81 0.00	21.17 0.51 0.00	19.85 0.28 0.00
RAVENSWOOD___4 23820	17.61 0.27 0.00	15.25 0.21 0.00	14.89 0.19 0.00	17.38 0.22 0.00	17.73 0.22 0.00	19.07 0.22 0.00	26.27 0.56 0.00	24.66 0.85 0.00	29.12 0.76 0.00	20.15 0.61 0.00	19.65 0.55 0.00	18.16 0.49 0.00	16.36 0.48 0.00	10.29 0.34 0.00	11.87 0.43 0.00	15.16 0.53 0.00	13.44 0.52 0.00	17.95 0.62 0.00	23.00 0.70 0.00	32.15 1.22 0.00	27.47 0.89 0.00	27.96 0.79 0.00	21.15 0.49 0.00	19.83 0.26 0.00
RCPL_TRUST___DRP 24196	17.64 0.30 0.00	15.27 0.23 0.00	14.91 0.21 0.00	17.41 0.25 0.00	17.78 0.27 0.00	19.10 0.25 0.00	26.32 0.60 0.00	24.69 0.87 0.00	29.17 0.80 0.00	20.19 0.65 0.00	19.69 0.59 0.00	18.20 0.53 0.00	16.38 0.50 0.00	10.30 0.36 0.00	11.89 0.44 0.00	15.17 0.54 0.00	13.46 0.53 0.00	17.99 0.66 0.00	23.06 0.77 0.00	32.23 1.29 0.00	27.52 0.93 0.00	28.01 0.83 0.00	21.18 0.53 0.00	19.86 0.29 0.00
RED___ROCHESTER 323720	16.59 -0.75 0.00	14.35 -0.70 0.00	14.06 -0.63 0.00	16.44 -0.72 0.00	16.82 -0.69 0.00	18.14 -0.71 0.00	24.53 -1.18 0.00	22.69 -1.13 0.00	27.02 -1.35 0.00	18.77 -0.77 0.00	18.43 -0.67 0.00	17.02 -0.65 0.00	15.33 -0.54 0.00	9.60 -0.35 0.00	11.09 -0.35 0.00	14.09 -0.54 0.00	12.40 -0.53 0.00	16.57 -0.76 0.00	21.32 -0.97 0.00	29.58 -1.35 0.00	25.38 -1.21 0.00	25.96 -1.22 0.00	19.87 -0.78 0.00	19.23 -0.35 0.00
REGAN___SOLAR 323812	18.93 1.59 0.00	16.38 1.34 0.00	16.00 1.30 0.00	18.68 1.52 0.00	19.11 1.60 0.00	20.68 1.83 0.00	28.40 2.69 0.00	26.29 2.47 0.00	31.03 2.65 0.00	21.01 1.47 0.00	20.38 1.28 0.00	18.67 1.01 0.00	16.74 0.87 0.00	10.50 0.55 0.00	12.08 0.63 0.00	15.63 1.00 0.00	13.83 0.91 0.00	18.73 1.39 0.00	24.54 2.25 0.00	34.32 3.38 0.00	29.32 2.74 0.00	29.82 2.64 0.00	22.59 1.93 0.00	21.39 1.82 0.00
RENSSELAER___COGEN 23796	17.58 0.23 0.00	15.27 0.22 0.00	14.90 0.21 0.00	17.42 0.26 0.00	17.78 0.28 0.00	19.16 0.31 0.00	26.27 0.56 0.00	24.55 0.73 0.00	29.01 0.64 0.00	19.86 0.32 0.00	19.37 0.27 0.00	17.90 0.24 0.00	16.03 0.16 0.00	10.05 0.11 0.00	11.57 0.13 0.00	14.83 0.20 0.00	13.13 0.20 0.00	17.63 0.29 0.00	22.62 0.33 0.00	31.53 0.59 0.00	27.01 0.42 0.00	27.61 0.43 0.00	20.88 0.22 0.00	19.66 0.09 0.00
REPUBLIC_115KV_BARTNBRK 55605	18.31 0.96 0.00	16.11 1.07 0.00	15.74 1.05 0.00	18.44 1.28 0.00	18.84 1.34 0.00	20.50 1.65 0.00	28.22 2.51 0.00	26.51 2.70 0.00	30.87 2.50 0.00	20.59 1.05 0.00	19.83 0.72 0.00	18.38 0.72 0.00	16.49 0.61 0.00	10.31 0.36 0.00	11.96 0.51 0.00	15.40 0.78 0.00	13.85 0.93 0.00	18.82 1.49 0.00	24.08 1.79 0.00	33.57 2.64 0.00	28.99 2.40 0.00	29.24 2.06 0.00	21.73 1.07 0.00	20.41 0.83 0.00
REVERE_CPPR_DRP 24186	18.49 1.15 0.00	15.97 0.93 0.00	15.14 0.45 0.00	17.69 0.53 0.00	18.11 0.60 0.00	19.53 0.69 0.00	26.67 0.96 0.00	24.76 0.95 0.00	29.44 1.07 0.00	20.13 0.58 0.00	19.65 0.55 0.00	18.17 0.50 0.00	16.26 0.39 0.00	10.16 0.22 0.00	11.59 0.14 0.00	14.78 0.15 0.00	13.07 0.14 0.00	17.64 0.30 0.00	22.90 0.60 0.00	31.96 1.03 0.00	27.40 0.81 0.00	27.94 0.76 0.00	21.18 0.52 0.00	20.03 0.46 0.00
REYNOLDS_115KV_TB3 80639	17.53 0.18 0.00	15.23 0.19 0.00	14.87 0.18 0.00	17.38 0.22 0.00	17.75 0.24 0.00	19.11 0.26 0.00	26.20 0.49 0.00	24.49 0.67 0.00	28.93 0.56 0.00	19.80 0.27 0.00	19.31 0.21 0.00	17.87 0.20 0.00	16.01 0.14 0.00	10.05 0.11 0.00	11.58 0.14 0.00	14.84 0.22 0.00	13.15 0.23 0.00	17.65 0.32 0.00	22.63 0.34 0.00	31.55 0.62 0.00	27.02 0.44 0.00	27.64 0.46 0.00	20.89 0.23 0.00	19.66 0.09 0.00
RIVERBAY____ 323610	17.59 0.24 0.00	15.25 0.21 0.00	14.89 0.20 0.00	17.50 0.34 0.00	17.87 0.36 0.00	19.21 0.36 0.00	26.45 0.74 0.00	24.86 1.04 0.00	29.30 0.93 0.00	20.23 0.69 0.00	19.70 0.60 0.00	18.19 0.53 0.00	16.39 0.52 0.00	10.27 0.32 0.00	11.85 0.41 0.00	15.12 0.49 0.00	13.42 0.50 0.00	17.95 0.61 0.00	23.01 0.71 0.00	32.22 1.29 0.00	27.56 0.97 0.00	28.03 0.85 0.00	21.22 0.57 0.00	19.91 0.34 0.00
RIVERSDE_115KV_TB3 55908	17.58 0.23 0.00	15.27 0.23 0.00	14.91 0.21 0.00	17.43 0.27 0.00	17.79 0.29 0.00	19.17 0.32 0.00	26.29 0.57 0.00	24.57 0.75 0.00	29.02 0.65 0.00	19.87 0.33 0.00	19.38 0.28 0.00	17.92 0.25 0.00	16.05 0.18 0.00	10.08 0.13 0.00	11.60 0.16 0.00	14.87 0.24 0.00	13.18 0.25 0.00	17.69 0.35 0.00	22.69 0.40 0.00	31.62 0.69 0.00	27.09 0.50 0.00	27.69 0.52 0.00	20.93 0.28 0.00	19.71 0.13 0.00
ROARING___BROOK_WT_PWR 323790	17.39 0.04 0.00	15.09 0.04 0.00	14.73 0.04 0.00	17.19 0.03 0.00	17.52 0.01 0.00	18.78 -0.07 0.00	25.40 -0.31 0.00	23.34 -0.47 0.00	27.96 -0.41 0.00	19.33 -0.21 0.00	18.95 -0.15 0.00	17.54 -0.13 0.00	15.79 -0.08 0.00	9.92 -0.03 0.00	11.36 -0.08 0.00	14.51 -0.12 0.00	12.76 -0.16 0.00	17.07 -0.26 0.00	22.11 -0.18 0.00	30.74 -0.19 0.00	26.41 -0.17 0.00	26.97 -0.20 0.00	20.48 -0.18 0.00	19.33 -0.25 0.00
ROCHESRG_115KV_T4 355643	16.44 -0.90 0.00	14.22 -0.82 0.00	13.94 -0.75 0.00	16.30 -0.86 0.00	16.63 -0.88 0.00	17.96 -0.89 0.00	24.28 -1.43 0.00	22.44 -1.38 0.00	26.72 -1.64 0.00	18.58 -0.96 0.00	18.26 -0.84 0.00	16.86 -0.81 0.00	15.19 -0.68 0.00	9.51 -0.43 0.00	10.99 -0.45 0.00	13.96 -0.67 0.00	12.29 -0.64 0.00	16.41 -0.92 0.00	21.10 -1.20 0.00	29.25 -1.68 0.00	25.10 -1.48 0.00	25.68 -1.49 0.00	19.68 -0.97 0.00	19.04 -0.53 0.00
ROCHESTER_9_IC 23652	16.53 -0.82 0.00	14.30 -0.75 0.00	14.00 -0.69 0.00	16.38 -0.78 0.00	16.71 -0.79 0.00	18.06 -0.79 0.00	24.43 -1.28 0.00	22.58 -1.23 0.00	26.89 -1.48 0.00	18.69 -0.85 0.00	18.36 -0.74 0.00	16.95 -0.72 0.00	15.27 -0.60 0.00	9.56 -0.38 0.00	11.05 -0.40 0.00	14.04 -0.59 0.00	12.35 -0.57 0.00	16.50 -0.83 0.00	21.22 -1.07 0.00	29.44 -1.50 0.00	25.26 -1.33 0.00	25.83 -1.35 0.00	19.79 -0.87 0.00	19.14 -0.43 0.00
ROCKVIEW_13_KV_LD 356306	17.70 0.35 0.00	15.32 0.27 0.00	14.95 0.26 0.00	17.43 0.27 0.00	17.81 0.30 0.00	19.15 0.30 0.00	26.37 0.66 0.00	24.72 0.90 0.00	29.24 0.87 0.00	20.18 0.64 0.00	19.68 0.58 0.00	18.18 0.52 0.00	16.34 0.47 0.00	10.27 0.33 0.00	11.86 0.41 0.00	15.15 0.52 0.00	13.44 0.51 0.00	17.99 0.65 0.00	23.08 0.79 0.00	32.25 1.31 0.00	27.57 0.99 0.00	28.08 0.90 0.00	21.23 0.58 0.00	19.93 0.35 0.00

ROME____115KV_TB2 80656	18.49 1.15 0.00	15.97 0.93 0.00	15.14 0.45 0.00	17.69 0.53 0.00	18.11 0.60 0.00	19.53 0.69 0.00	26.67 0.96 0.00	24.76 0.95 0.00	29.44 1.07 0.00	20.13 0.58 0.00	19.65 0.55 0.00	18.17 0.50 0.00	16.26 0.39 0.00	10.16 0.22 0.00	11.59 0.14 0.00	14.78 0.15 0.00	13.07 0.14 0.00	17.64 0.30 0.00	22.90 0.60 0.00	31.96 1.03 0.00	27.40 0.81 0.00	27.94 0.76 0.00	21.18 0.52 0.00	20.03 0.46 0.00
ROSETON___1 23587	17.54 0.19 0.00	15.19 0.15 0.00	14.83 0.14 0.00	17.32 0.16 0.00	17.69 0.18 0.00	19.03 0.19 0.00	26.17 0.46 0.00	24.49 0.68 0.00	28.95 0.58 0.00	19.95 0.40 0.00	19.43 0.33 0.00	17.96 0.29 0.00	16.13 0.25 0.00	10.14 0.19 0.00	11.69 0.25 0.00	14.95 0.33 0.00	13.26 0.34 0.00	17.78 0.44 0.00	22.82 0.52 0.00	31.86 0.93 0.00	27.27 0.68 0.00	27.78 0.61 0.00	21.01 0.36 0.00	19.75 0.17 0.00
ROSETON___2 23588	17.54 0.19 0.00	15.19 0.15 0.00	14.83 0.14 0.00	17.32 0.16 0.00	17.69 0.18 0.00	19.03 0.19 0.00	26.17 0.46 0.00	24.49 0.68 0.00	28.95 0.58 0.00	19.95 0.40 0.00	19.43 0.33 0.00	17.96 0.29 0.00	16.13 0.25 0.00	10.14 0.19 0.00	11.69 0.25 0.00	14.95 0.33 0.00	13.26 0.34 0.00	17.78 0.44 0.00	22.82 0.52 0.00	31.86 0.93 0.00	27.27 0.68 0.00	27.78 0.61 0.00	21.01 0.36 0.00	19.75 0.17 0.00
ROTTRDAM_115KV_TB3 80664	17.58 0.23 0.00	15.26 0.22 0.00	14.90 0.21 0.00	17.42 0.26 0.00	17.79 0.28 0.00	19.15 0.30 0.00	26.24 0.53 0.00	24.45 0.63 0.00	28.93 0.56 0.00	19.84 0.31 0.00	19.33 0.22 0.00	17.86 0.20 0.00	16.03 0.16 0.00	10.06 0.11 0.00	11.60 0.15 0.00	14.86 0.23 0.00	13.17 0.24 0.00	17.69 0.35 0.00	22.75 0.45 0.00	31.67 0.74 0.00	27.16 0.58 0.00	27.71 0.54 0.00	20.97 0.32 0.00	19.79 0.22 0.00
RUSSELL___1 23602	16.60 -0.75 0.00	14.35 -0.70 0.00	14.06 -0.63 0.00	16.44 -0.72 0.00	16.78 -0.73 0.00	18.14 -0.71 0.00	24.53 -1.18 0.00	22.69 -1.13 0.00	27.02 -1.35 0.00	18.77 -0.77 0.00	18.43 -0.67 0.00	17.02 -0.65 0.00	15.33 -0.54 0.00	9.60 -0.35 0.00	11.09 -0.35 0.00	14.09 -0.54 0.00	12.40 -0.53 0.00	16.57 -0.76 0.00	21.32 -0.98 0.00	29.58 -1.35 0.00	25.38 -1.21 0.00	25.95 -1.23 0.00	19.87 -0.78 0.00	19.22 -0.36 0.00
RUSSELL___2 23532	16.60 -0.75 0.00	14.35 -0.70 0.00	14.06 -0.63 0.00	16.44 -0.72 0.00	16.78 -0.73 0.00	18.14 -0.71 0.00	24.53 -1.18 0.00	22.69 -1.13 0.00	27.02 -1.35 0.00	18.77 -0.77 0.00	18.43 -0.67 0.00	17.02 -0.65 0.00	15.33 -0.54 0.00	9.60 -0.35 0.00	11.09 -0.35 0.00	14.09 -0.54 0.00	12.40 -0.53 0.00	16.57 -0.76 0.00	21.32 -0.98 0.00	29.58 -1.35 0.00	25.38 -1.21 0.00	25.95 -1.23 0.00	19.87 -0.78 0.00	19.22 -0.36 0.00
RUSSELL___3 23549	16.60 -0.75 0.00	14.35 -0.70 0.00	14.06 -0.63 0.00	16.44 -0.72 0.00	16.78 -0.73 0.00	18.14 -0.71 0.00	24.53 -1.18 0.00	22.69 -1.13 0.00	27.02 -1.35 0.00	18.77 -0.77 0.00	18.43 -0.67 0.00	17.02 -0.65 0.00	15.33 -0.54 0.00	9.60 -0.35 0.00	11.09 -0.35 0.00	14.09 -0.54 0.00	12.40 -0.53 0.00	16.57 -0.76 0.00	21.32 -0.98 0.00	29.58 -1.35 0.00	25.38 -1.21 0.00	25.95 -1.23 0.00	19.87 -0.78 0.00	19.22 -0.36 0.00
RUSSELL___4 23556	16.60 -0.75 0.00	14.35 -0.70 0.00	14.06 -0.63 0.00	16.44 -0.72 0.00	16.78 -0.73 0.00	18.14 -0.71 0.00	24.53 -1.18 0.00	22.69 -1.13 0.00	27.02 -1.35 0.00	18.77 -0.77 0.00	18.43 -0.67 0.00	17.02 -0.65 0.00	15.33 -0.54 0.00	9.60 -0.35 0.00	11.09 -0.35 0.00	14.09 -0.54 0.00	12.40 -0.53 0.00	16.57 -0.76 0.00	21.32 -0.98 0.00	29.58 -1.35 0.00	25.38 -1.21 0.00	25.95 -1.23 0.00	19.87 -0.78 0.00	19.22 -0.36 0.00
RUSSELL___STATION 23914	16.60 -0.75 0.00	14.35 -0.70 0.00	14.06 -0.63 0.00	16.44 -0.72 0.00	16.78 -0.73 0.00	18.14 -0.71 0.00	24.53 -1.18 0.00	22.69 -1.13 0.00	27.02 -1.35 0.00	18.77 -0.77 0.00	18.43 -0.67 0.00	17.02 -0.65 0.00	15.33 -0.54 0.00	9.60 -0.35 0.00	11.09 -0.35 0.00	14.09 -0.54 0.00	12.40 -0.53 0.00	16.57 -0.76 0.00	21.32 -0.98 0.00	29.58 -1.35 0.00	25.38 -1.21 0.00	25.95 -1.23 0.00	19.87 -0.78 0.00	19.22 -0.36 0.00
S SALMON___HYD 24043	17.06 -0.29 0.00	14.78 -0.27 0.00	14.41 -0.29 0.00	16.82 -0.34 0.00	17.18 -0.33 0.00	18.48 -0.37 0.00	25.08 -0.64 0.00	23.23 -0.59 0.00	27.69 -0.68 0.00	19.01 -0.53 0.00	18.51 -0.59 0.00	17.01 -0.66 0.00	15.28 -0.58 0.00	9.57 -0.37 0.00	10.95 -0.50 0.00	13.95 -0.67 0.00	12.28 -0.64 0.00	16.52 -0.82 0.00	21.44 -0.85 0.00	30.01 -0.92 0.00	25.72 -0.87 0.00	26.29 -0.88 0.00	19.98 -0.67 0.00	19.02 -0.55 0.00
S.PERRY__115KV_TB1 80734	16.78 -0.56 0.00	14.56 -0.49 0.00	14.08 -0.61 0.00	16.56 -0.60 0.00	16.99 -0.52 0.00	18.34 -0.51 0.00	25.08 -0.63 0.00	23.27 -0.55 0.00	27.52 -0.85 0.00	19.01 -0.53 0.00	18.65 -0.46 0.00	17.25 -0.42 0.00	15.55 -0.33 0.00	9.68 -0.27 0.00	11.11 -0.34 0.00	14.11 -0.52 0.00	12.44 -0.48 0.00	16.67 -0.66 0.00	21.67 -0.62 0.00	30.76 -0.17 0.00	26.40 -0.18 0.00	26.92 -0.25 0.00	20.61 -0.05 0.00	19.83 0.26 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	15.94 -1.41 0.00	13.77 -1.28 0.00	13.53 -1.17 0.00	15.83 -1.33 0.00	16.12 -1.39 0.00	17.46 -1.39 0.00	23.42 -2.29 0.00	21.45 -2.37 0.00	25.65 -2.72 0.00	18.07 -1.47 0.00	17.86 -1.24 0.00	16.48 -1.19 0.00	14.91 -0.96 0.00	9.33 -0.62 0.00	10.81 -0.63 0.00	13.67 -0.96 0.00	11.99 -0.93 0.00	15.93 -1.40 0.00	20.43 -1.86 0.00	28.28 -2.66 0.00	24.28 -2.30 0.00	24.93 -2.24 0.00	19.23 -1.43 0.00	18.86 -0.71 0.00
SAWYER___23_KV_LOAD 55526	15.94 -1.41 0.00	13.77 -1.28 0.00	13.53 -1.17 0.00	15.83 -1.33 0.00	16.12 -1.39 0.00	17.46 -1.39 0.00	23.42 -2.29 0.00	21.45 -2.37 0.00	25.65 -2.72 0.00	18.07 -1.47 0.00	17.86 -1.24 0.00	16.48 -1.19 0.00	14.91 -0.96 0.00	9.33 -0.62 0.00	10.81 -0.63 0.00	13.67 -0.96 0.00	11.99 -0.93 0.00	15.93 -1.40 0.00	20.43 -1.86 0.00	28.28 -2.66 0.00	24.28 -2.30 0.00	24.93 -2.24 0.00	19.23 -1.43 0.00	18.86 -0.71 0.00
SELKIRK___I 23801	17.67 0.32 0.00	15.35 0.31 0.00	14.99 0.29 0.00	17.52 0.36 0.00	17.89 0.38 0.00	19.28 0.43 0.00	26.39 0.68 0.00	24.55 0.73 0.00	29.02 0.65 0.00	19.86 0.33 0.00	19.37 0.27 0.00	17.89 0.22 0.00	16.01 0.14 0.00	10.03 0.08 0.00	11.46 0.01 0.00	14.75 0.12 0.00	12.82 -0.11 0.00	17.22 -0.11 0.00	22.13 -0.16 0.00	30.82 -0.11 0.00	26.42 -0.17 0.00	27.00 -0.18 0.00	20.43 -0.23 0.00	19.27 -0.30 0.00
SELKIRK___II 23799	17.54 0.20 0.00	15.24 0.19 0.00	14.87 0.18 0.00	17.38 0.22 0.00	17.74 0.24 0.00	19.11 0.26 0.00	26.19 0.48 0.00	24.43 0.61 0.00	28.90 0.53 0.00	19.81 0.27 0.00	19.32 0.21 0.00	17.82 0.16 0.00	15.93 0.06 0.00	9.97 0.03 0.00	11.45 0.00 0.00	14.66 0.03 0.00	12.95 0.03 0.00	17.39 0.05 0.00	22.33 0.03 0.00	31.11 0.18 0.00	26.65 0.07 0.00	27.24 0.06 0.00	20.62 -0.04 0.00	19.46 -0.12 0.00

SENECA OSWGO___HYD 24041	17.01 -0.34 0.00	14.74 -0.31 0.00	14.39 -0.31 0.00	16.82 -0.34 0.00	17.18 -0.33 0.00	18.48 -0.37 0.00	25.11 -0.60 0.00	23.30 -0.52 0.00	27.67 -0.70 0.00	19.07 -0.47 0.00	18.62 -0.48 0.00	17.23 -0.43 0.00	15.47 -0.40 0.00	9.69 -0.26 0.00	11.13 -0.31 0.00	14.21 -0.42 0.00	12.55 -0.37 0.00	16.85 -0.49 0.00	21.66 -0.64 0.00	30.10 -0.83 0.00	25.84 -0.75 0.00	26.41 -0.77 0.00	20.16 -0.50 0.00	19.25 -0.32 0.00
SENECA___115KV_TB3 355854	16.15 -1.20 0.00	13.93 -1.11 0.00	13.67 -1.02 0.00	16.03 -1.13 0.00	16.32 -1.19 0.00	17.69 -1.16 0.00	23.78 -1.94 0.00	21.81 -2.01 0.00	26.05 -2.32 0.00	18.38 -1.17 0.00	18.14 -0.96 0.00	16.74 -0.93 0.00	15.16 -0.71 0.00	9.48 -0.47 0.00	10.98 -0.47 0.00	13.87 -0.75 0.00	12.17 -0.75 0.00	16.18 -1.16 0.00	20.76 -1.53 0.00	28.77 -2.16 0.00	24.71 -1.87 0.00	25.40 -1.78 0.00	19.58 -1.08 0.00	19.18 -0.40 0.00
SENECA___ENERGY 23797	17.05 -0.30 0.00	14.80 -0.24 0.00	14.41 -0.28 0.00	16.91 -0.25 0.00	17.27 -0.24 0.00	18.64 -0.21 0.00	25.49 -0.22 0.00	23.87 0.05 0.00	28.04 -0.32 0.00	19.46 -0.08 0.00	19.05 -0.05 0.00	17.57 -0.10 0.00	15.73 -0.14 0.00	9.84 -0.11 0.00	11.29 -0.16 0.00	14.40 -0.23 0.00	12.74 -0.19 0.00	17.15 -0.18 0.00	22.11 -0.18 0.00	30.81 -0.12 0.00	26.52 -0.06 0.00	27.11 -0.07 0.00	20.66 0.01 0.00	19.75 0.18 0.00
SHOEMAKER___GT 23640	17.53 0.19 0.00	15.18 0.14 0.00	14.82 0.13 0.00	17.31 0.15 0.00	17.68 0.17 0.00	19.03 0.18 0.00	26.14 0.43 0.00	24.43 0.62 0.00	28.91 0.54 0.00	19.89 0.35 0.00	19.36 0.26 0.00	17.87 0.21 0.00	16.05 0.17 0.00	10.08 0.14 0.00	11.63 0.18 0.00	14.87 0.24 0.00	13.19 0.27 0.00	17.72 0.39 0.00	22.76 0.47 0.00	31.78 0.85 0.00	27.21 0.62 0.00	27.73 0.55 0.00	20.99 0.34 0.00	19.77 0.19 0.00
SHOEMAKR_138KV_BK 111 55601	17.52 0.18 0.00	15.17 0.13 0.00	14.82 0.12 0.00	17.30 0.14 0.00	17.68 0.17 0.00	19.02 0.17 0.00	26.12 0.41 0.00	24.43 0.61 0.00	28.90 0.53 0.00	19.89 0.35 0.00	19.37 0.27 0.00	17.88 0.22 0.00	16.06 0.19 0.00	10.09 0.15 0.00	11.64 0.19 0.00	14.88 0.25 0.00	13.20 0.27 0.00	17.72 0.38 0.00	22.76 0.46 0.00	31.77 0.84 0.00	27.19 0.60 0.00	27.72 0.54 0.00	20.99 0.33 0.00	19.76 0.19 0.00
SHOREHAM_IC_1 23715	17.69 0.34 0.00	15.35 0.30 0.00	14.99 0.29 0.00	17.49 0.33 0.00	17.89 0.38 0.00	19.29 0.44 0.00	26.98 1.27 0.00	25.05 1.24 0.00	29.32 0.95 0.00	20.21 0.67 0.00	19.75 0.65 0.00	18.21 0.54 0.00	16.21 0.34 0.00	10.17 0.22 0.00	11.77 0.33 0.00	15.04 0.41 0.00	13.39 0.46 0.00	17.82 0.49 0.00	23.07 0.78 0.00	32.05 1.12 0.00	27.69 1.10 0.00	28.19 1.01 0.00	21.33 0.67 0.00	19.95 0.37 0.00
SHOREHAM_IC_2 23716	17.69 0.34 0.00	15.35 0.30 0.00	14.99 0.29 0.00	17.49 0.33 0.00	17.89 0.38 0.00	19.29 0.44 0.00	26.98 1.27 0.00	25.05 1.24 0.00	29.32 0.95 0.00	20.21 0.67 0.00	19.75 0.65 0.00	18.21 0.54 0.00	16.21 0.34 0.00	10.17 0.22 0.00	11.77 0.33 0.00	15.04 0.41 0.00	13.39 0.46 0.00	17.82 0.49 0.00	23.07 0.78 0.00	32.05 1.12 0.00	27.69 1.10 0.00	28.19 1.01 0.00	21.33 0.67 0.00	19.95 0.37 0.00
SISSONVILLE___ 23735	17.20 -0.15 0.00	14.91 -0.14 0.00	14.53 -0.16 0.00	16.90 -0.26 0.00	17.20 -0.31 0.00	18.56 -0.29 0.00	25.29 -0.42 0.00	23.30 -0.52 0.00	27.96 -0.41 0.00	19.27 -0.27 0.00	18.83 -0.27 0.00	17.39 -0.28 0.00	15.63 -0.24 0.00	9.74 -0.21 0.00	11.17 -0.28 0.00	14.27 -0.36 0.00	12.53 -0.39 0.00	16.87 -0.46 0.00	21.97 -0.32 0.00	30.40 -0.53 0.00	26.19 -0.39 0.00	26.90 -0.28 0.00	20.42 -0.23 0.00	19.26 -0.31 0.00
SITHE_IND_GS1 24169	16.90 -0.45 0.00	14.65 -0.39 0.00	14.31 -0.38 0.00	16.73 -0.43 0.00	17.08 -0.43 0.00	18.35 -0.49 0.00	24.89 -0.82 0.00	23.08 -0.74 0.00	27.44 -0.93 0.00	18.95 -0.60 0.00	18.52 -0.58 0.00	17.14 -0.52 0.00	15.41 -0.46 0.00	9.65 -0.30 0.00	11.09 -0.35 0.00	14.16 -0.47 0.00	12.50 -0.42 0.00	16.76 -0.58 0.00	21.50 -0.80 0.00	29.83 -1.10 0.00	25.62 -0.97 0.00	26.19 -0.99 0.00	20.02 -0.64 0.00	19.14 -0.43 0.00
SITHE_IND_GS2 24170	16.90 -0.45 0.00	14.65 -0.39 0.00	14.31 -0.38 0.00	16.73 -0.43 0.00	17.08 -0.43 0.00	18.35 -0.49 0.00	24.89 -0.82 0.00	23.08 -0.74 0.00	27.44 -0.93 0.00	18.95 -0.60 0.00	18.52 -0.58 0.00	17.14 -0.52 0.00	15.41 -0.46 0.00	9.65 -0.30 0.00	11.09 -0.35 0.00	14.16 -0.47 0.00	12.50 -0.42 0.00	16.76 -0.58 0.00	21.50 -0.80 0.00	29.83 -1.10 0.00	25.62 -0.97 0.00	26.19 -0.99 0.00	20.02 -0.64 0.00	19.14 -0.43 0.00
SITHE_IND_GS3 24171	16.90 -0.45 0.00	14.65 -0.39 0.00	14.31 -0.38 0.00	16.73 -0.43 0.00	17.08 -0.43 0.00	18.35 -0.49 0.00	24.89 -0.82 0.00	23.08 -0.74 0.00	27.44 -0.93 0.00	18.95 -0.60 0.00	18.52 -0.58 0.00	17.14 -0.52 0.00	15.41 -0.46 0.00	9.65 -0.30 0.00	11.09 -0.35 0.00	14.16 -0.47 0.00	12.50 -0.42 0.00	16.76 -0.58 0.00	21.50 -0.80 0.00	29.83 -1.10 0.00	25.62 -0.97 0.00	26.19 -0.99 0.00	20.02 -0.64 0.00	19.14 -0.43 0.00
SITHE_IND_GS4 24172	16.90 -0.45 0.00	14.65 -0.39 0.00	14.31 -0.38 0.00	16.73 -0.43 0.00	17.08 -0.43 0.00	18.35 -0.49 0.00	24.89 -0.82 0.00	23.08 -0.74 0.00	27.44 -0.93 0.00	18.95 -0.60 0.00	18.52 -0.58 0.00	17.14 -0.52 0.00	15.41 -0.46 0.00	9.65 -0.30 0.00	11.09 -0.35 0.00	14.16 -0.47 0.00	12.50 -0.42 0.00	16.76 -0.58 0.00	21.50 -0.80 0.00	29.83 -1.10 0.00	25.62 -0.97 0.00	26.19 -0.99 0.00	20.02 -0.64 0.00	19.14 -0.43 0.00
SITHE___BATAVIA 24024	16.38 -0.97 0.00	14.15 -0.89 0.00	13.89 -0.80 0.00	16.25 -0.91 0.00	16.63 -0.88 0.00	17.96 -0.89 0.00	24.20 -1.51 0.00	22.40 -1.42 0.00	26.81 -1.56 0.00	18.64 -0.90 0.00	18.20 -0.90 0.00	16.77 -0.89 0.00	15.13 -0.74 0.00	9.45 -0.50 0.00	10.93 -0.52 0.00	13.84 -0.79 0.00	12.17 -0.76 0.00	16.28 -1.06 0.00	21.02 -1.28 0.00	29.20 -1.73 0.00	25.06 -1.52 0.00	25.65 -1.52 0.00	19.72 -0.93 0.00	19.26 -0.31 0.00
SITHE___INDEPEND 23800	16.90 -0.45 0.00	14.65 -0.39 0.00	14.31 -0.38 0.00	16.73 -0.43 0.00	17.07 -0.44 0.00	18.35 -0.50 0.00	24.89 -0.82 0.00	23.08 -0.74 0.00	27.44 -0.93 0.00	18.95 -0.60 0.00	18.52 -0.58 0.00	17.14 -0.52 0.00	15.41 -0.46 0.00	9.65 -0.30 0.00	11.09 -0.35 0.00	14.16 -0.46 0.00	12.50 -0.42 0.00	16.76 -0.58 0.00	21.50 -0.80 0.00	29.83 -1.10 0.00	25.62 -0.97 0.00	26.19 -0.99 0.00	20.02 -0.64 0.00	19.14 -0.43 0.00
SITHE___MASSENA 23902	17.57 0.23 0.00	15.24 0.19 0.00	14.88 0.18 0.00	17.33 0.17 0.00	17.65 0.14 0.00	19.03 0.18 0.00	25.92 0.20 0.00	23.84 0.03 0.00	28.59 0.22 0.00	19.72 0.18 0.00	19.35 0.25 0.00	17.90 0.23 0.00	16.08 0.21 0.00	10.05 0.10 0.00	11.56 0.11 0.00	14.75 0.12 0.00	13.00 0.07 0.00	17.45 0.11 0.00	22.55 0.26 0.00	31.17 0.23 0.00	26.85 0.27 0.00	27.53 0.35 0.00	20.95 0.30 0.00	19.82 0.24 0.00

SITHE___OGDNSBRG 24021	17.71 0.37 0.00	15.35 0.31 0.00	14.98 0.28 0.00	17.44 0.28 0.00	17.77 0.26 0.00	19.18 0.33 0.00	26.17 0.46 0.00	24.10 0.28 0.00	28.88 0.51 0.00	19.79 0.25 0.00	19.37 0.27 0.00	17.91 0.25 0.00	16.04 0.17 0.00	10.00 0.05 0.00	11.48 0.03 0.00	14.65 0.02 0.00	12.90 -0.03 0.00	17.38 0.04 0.00	22.65 0.36 0.00	31.45 0.52 0.00	27.11 0.53 0.00	27.79 0.61 0.00	21.15 0.50 0.00	19.97 0.39 0.00
SITHE___STERLING 23777	17.73 0.39 0.00	15.36 0.32 0.00	15.01 0.32 0.00	17.55 0.39 0.00	17.98 0.47 0.00	19.38 0.53 0.00	26.44 0.73 0.00	24.56 0.75 0.00	29.17 0.80 0.00	19.96 0.42 0.00	19.50 0.39 0.00	18.05 0.39 0.00	16.18 0.31 0.00	10.11 0.16 0.00	11.54 0.09 0.00	14.73 0.11 0.00	13.03 0.10 0.00	17.56 0.23 0.00	22.73 0.43 0.00	31.68 0.74 0.00	27.16 0.57 0.00	27.71 0.53 0.00	21.03 0.37 0.00	19.93 0.35 0.00
SLEIGHT__34_KV_TB1 80719	16.72 -0.62 0.00	14.47 -0.57 0.00	14.16 -0.53 0.00	16.56 -0.59 0.00	16.91 -0.60 0.00	18.27 -0.58 0.00	24.81 -0.90 0.00	23.08 -0.73 0.00	27.38 -0.99 0.00	18.96 -0.58 0.00	18.57 -0.53 0.00	17.13 -0.53 0.00	15.40 -0.47 0.00	9.64 -0.31 0.00	11.10 -0.34 0.00	14.15 -0.48 0.00	12.47 -0.45 0.00	16.73 -0.61 0.00	21.53 -0.76 0.00	29.88 -1.05 0.00	25.62 -0.97 0.00	26.22 -0.95 0.00	20.02 -0.63 0.00	19.25 -0.33 0.00
SOUTH CAIRO___GT 23612	18.36 1.01 0.00	15.93 0.89 0.00	15.55 0.86 0.00	18.20 1.04 0.00	18.61 1.10 0.00	20.14 1.29 0.00	27.65 1.94 0.00	25.67 1.85 0.00	30.26 1.89 0.00	20.46 0.92 0.00	19.78 0.68 0.00	18.17 0.51 0.00	16.20 0.32 0.00	10.13 0.18 0.00	11.63 0.18 0.00	15.00 0.37 0.00	13.25 0.32 0.00	17.95 0.61 0.00	23.18 0.89 0.00	32.45 1.51 0.00	27.78 1.20 0.00	28.37 1.19 0.00	21.38 0.72 0.00	20.13 0.56 0.00
SOUTH HAMPTN___IC 23720	17.80 0.46 0.00	15.46 0.42 0.00	15.12 0.43 0.00	17.65 0.49 0.00	18.07 0.56 0.00	19.50 0.65 0.00	27.23 1.52 0.00	25.31 1.49 0.00	29.61 1.25 0.00	20.40 0.86 0.00	19.93 0.83 0.00	18.36 0.69 0.00	16.34 0.47 0.00	10.25 0.31 0.00	11.87 0.43 0.00	15.17 0.54 0.00	13.51 0.59 0.00	18.02 0.69 0.00	23.32 1.03 0.00	32.42 1.48 0.00	27.94 1.36 0.00	28.45 1.28 0.00	21.52 0.86 0.00	20.12 0.54 0.00
SOUTHDOW__115KV_TB1 355954	16.51 -0.83 0.00	14.17 -0.88 0.00	14.01 -0.69 0.00	16.50 -0.66 0.00	16.70 -0.80 0.00	18.20 -0.65 0.00	24.68 -1.03 0.00	22.65 -1.16 0.00	26.99 -1.38 0.00	19.15 -0.39 0.00	18.96 -0.14 0.00	17.51 -0.15 0.00	15.88 0.00 0.00	9.92 -0.02 0.00	11.43 -0.01 0.00	14.50 -0.13 0.00	12.69 -0.24 0.00	16.88 -0.45 0.00	21.57 -0.73 0.00	29.99 -0.94 0.00	25.74 -0.84 0.00	26.53 -0.65 0.00	20.40 -0.25 0.00	19.95 0.37 0.00
SOUTHOLD_69_KV_BK 2 55809	17.90 0.55 0.00	15.58 0.53 0.00	15.27 0.58 0.00	17.84 0.68 0.00	18.30 0.79 0.00	19.75 0.90 0.00	27.57 1.86 0.00	25.66 1.84 0.00	30.01 1.64 0.00	20.65 1.12 0.00	20.16 1.05 0.00	18.55 0.88 0.00	16.50 0.63 0.00	10.35 0.40 0.00	11.98 0.54 0.00	15.32 0.69 0.00	13.66 0.74 0.00	18.25 0.91 0.00	23.63 1.33 0.00	32.87 1.94 0.00	28.28 1.69 0.00	28.76 1.58 0.00	21.73 1.08 0.00	20.30 0.73 0.00
SOUTHOLD___IC 23719	17.90 0.55 0.00	15.58 0.53 0.00	15.27 0.58 0.00	17.84 0.68 0.00	18.29 0.77 0.00	19.75 0.90 0.00	27.56 1.85 0.00	25.66 1.84 0.00	30.01 1.64 0.00	20.66 1.12 0.00	20.16 1.05 0.00	18.55 0.88 0.00	16.50 0.63 0.00	10.35 0.40 0.00	11.98 0.54 0.00	15.32 0.69 0.00	13.66 0.74 0.00	18.25 0.91 0.00	23.63 1.33 0.00	32.87 1.94 0.00	28.28 1.69 0.00	28.76 1.58 0.00	21.73 1.08 0.00	20.30 0.72 0.00
SOUTH_FORK_WT_PWR 323839	17.82 0.47 0.00	15.54 0.50 0.00	15.26 0.57 0.00	17.84 0.68 0.00	18.29 0.78 0.00	19.76 0.91 0.00	27.57 1.86 0.00	25.67 1.85 0.00	30.04 1.67 0.00	20.68 1.14 0.00	20.18 1.07 0.00	18.57 0.90 0.00	16.52 0.65 0.00	10.36 0.41 0.00	12.00 0.55 0.00	15.33 0.70 0.00	13.68 0.75 0.00	18.26 0.93 0.00	23.63 1.34 0.00	32.87 1.94 0.00	28.25 1.66 0.00	28.72 1.54 0.00	21.69 1.04 0.00	20.25 0.68 0.00
SPIERFLS_115KV_TB 1 80737	17.75 0.40 0.00	15.46 0.42 0.00	15.10 0.40 0.00	17.66 0.50 0.00	18.06 0.54 0.00	19.52 0.67 0.00	26.83 1.12 0.00	25.09 1.28 0.00	29.52 1.15 0.00	20.05 0.52 0.00	19.45 0.35 0.00	18.00 0.33 0.00	16.11 0.24 0.00	10.10 0.15 0.00	11.67 0.22 0.00	14.99 0.36 0.00	13.32 0.40 0.00	17.98 0.65 0.00	23.14 0.85 0.00	32.27 1.34 0.00	27.75 1.16 0.00	28.22 1.04 0.00	21.18 0.52 0.00	19.95 0.38 0.00
ST LAWRENCE____ 23600	17.44 0.09 0.00	15.12 0.08 0.00	14.77 0.07 0.00	17.20 0.04 0.00	17.52 0.02 0.00	18.88 0.04 0.00	25.72 0.01 0.00	23.66 -0.16 0.00	28.37 0.00 0.00	19.58 0.04 0.00	19.21 0.11 0.00	17.78 0.11 0.00	15.98 0.11 0.00	9.99 0.05 0.00	11.50 0.05 0.00	14.67 0.04 0.00	12.93 0.01 0.00	17.35 0.02 0.00	22.40 0.10 0.00	30.93 -0.01 0.00	26.66 0.07 0.00	27.32 0.14 0.00	20.80 0.14 0.00	19.68 0.10 0.00
STATE_CA_115KV_115_LB 55624	17.67 0.32 0.00	15.35 0.30 0.00	14.98 0.28 0.00	17.51 0.35 0.00	17.89 0.38 0.00	19.27 0.42 0.00	26.44 0.72 0.00	24.71 0.89 0.00	29.19 0.82 0.00	19.99 0.44 0.00	19.49 0.39 0.00	18.02 0.36 0.00	16.14 0.27 0.00	10.13 0.18 0.00	11.67 0.22 0.00	14.95 0.32 0.00	13.24 0.32 0.00	17.79 0.46 0.00	22.81 0.52 0.00	31.79 0.86 0.00	27.23 0.64 0.00	27.83 0.65 0.00	21.03 0.37 0.00	19.80 0.23 0.00
STATE_ST_34_KV_LOAD 55959	17.26 -0.09 0.00	14.99 -0.06 0.00	14.66 -0.04 0.00	17.15 -0.01 0.00	17.45 -0.06 0.00	18.86 0.01 0.00	25.72 0.00 0.00	24.17 0.36 0.00	28.36 -0.01 0.00	19.63 0.09 0.00	19.18 0.08 0.00	17.70 0.04 0.00	15.90 0.03 0.00	9.96 0.01 0.00	11.39 -0.06 0.00	14.59 -0.04 0.00	12.89 -0.04 0.00	17.34 0.00 0.00	22.29 0.00 0.00	30.94 0.01 0.00	26.55 -0.04 0.00	27.22 0.04 0.00	20.74 0.09 0.00	19.83 0.26 0.00
STATION 5_MISC_HYD 23604	16.53 -0.82 0.00	14.30 -0.75 0.00	14.00 -0.69 0.00	16.38 -0.78 0.00	16.75 -0.75 0.00	18.06 -0.79 0.00	24.43 -1.28 0.00	22.58 -1.23 0.00	26.89 -1.48 0.00	18.69 -0.85 0.00	18.36 -0.74 0.00	16.95 -0.71 0.00	15.27 -0.60 0.00	9.56 -0.38 0.00	11.05 -0.40 0.00	14.03 -0.59 0.00	12.35 -0.58 0.00	16.51 -0.83 0.00	21.23 -1.07 0.00	29.44 -1.49 0.00	25.26 -1.32 0.00	25.83 -1.35 0.00	19.79 -0.87 0.00	19.15 -0.42 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	17.19 -0.15 0.00	14.90 -0.15 0.00	14.52 -0.18 0.00	17.04 -0.12 0.00	17.41 -0.10 0.00	18.83 -0.02 0.00	25.71 0.00 0.00	24.04 0.22 0.00	28.46 0.09 0.00	19.67 0.13 0.00	19.25 0.15 0.00	17.75 0.08 0.00	15.94 0.07 0.00	10.00 0.05 0.00	11.51 0.07 0.00	14.66 0.03 0.00	12.94 0.01 0.00	17.30 -0.03 0.00	22.38 0.09 0.00	31.05 0.12 0.00	26.76 0.18 0.00	27.31 0.13 0.00	20.83 0.17 0.00	19.96 0.39 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	16.49 -0.86 0.00	14.25 -0.79 0.00	13.97 -0.73 0.00	16.33 -0.83 0.00	16.67 -0.85 0.00	18.00 -0.84 0.00	24.37 -1.35 0.00	22.55 -1.27 0.00	26.85 -1.52 0.00	18.65 -0.89 0.00	18.31 -0.79 0.00	16.90 -0.77 0.00	15.22 -0.65 0.00	9.53 -0.42 0.00	11.01 -0.43 0.00	13.99 -0.63 0.00	12.32 -0.60 0.00	16.47 -0.86 0.00	21.19 -1.11 0.00	29.38 -1.55 0.00	25.21 -1.38 0.00	25.78 -1.40 0.00	19.73 -0.93 0.00	19.06 -0.51 0.00
STA_56___34_KV_BUS2 355983	16.49 -0.86 0.00	14.25 -0.79 0.00	13.97 -0.73 0.00	16.33 -0.83 0.00	16.67 -0.85 0.00	18.00 -0.84 0.00	24.37 -1.35 0.00	22.55 -1.27 0.00	26.85 -1.52 0.00	18.65 -0.89 0.00	18.31 -0.79 0.00	16.90 -0.77 0.00	15.22 -0.65 0.00	9.53 -0.42 0.00	11.01 -0.43 0.00	13.99 -0.63 0.00	12.32 -0.60 0.00	16.47 -0.86 0.00	21.19 -1.11 0.00	29.38 -1.55 0.00	25.21 -1.38 0.00	25.78 -1.40 0.00	19.73 -0.93 0.00	19.06 -0.51 0.00
STA_67___115KV_BK2 355882	16.50 -0.85 0.00	14.27 -0.78 0.00	13.98 -0.71 0.00	16.35 -0.81 0.00	16.68 -0.83 0.00	18.02 -0.83 0.00	24.37 -1.34 0.00	22.53 -1.29 0.00	26.83 -1.54 0.00	18.65 -0.89 0.00	18.32 -0.78 0.00	16.91 -0.75 0.00	15.24 -0.63 0.00	9.54 -0.40 0.00	11.03 -0.42 0.00	14.01 -0.62 0.00	12.33 -0.60 0.00	16.47 -0.86 0.00	21.17 -1.12 0.00	29.37 -1.57 0.00	25.20 -1.38 0.00	25.78 -1.40 0.00	19.75 -0.91 0.00	19.11 -0.47 0.00
STA_7___115KV_9TRANS 80674	16.60 -0.75 0.00	14.35 -0.70 0.00	14.06 -0.63 0.00	16.44 -0.72 0.00	16.78 -0.73 0.00	18.14 -0.71 0.00	24.53 -1.18 0.00	22.69 -1.13 0.00	27.02 -1.35 0.00	18.77 -0.77 0.00	18.43 -0.67 0.00	17.02 -0.65 0.00	15.33 -0.54 0.00	9.60 -0.35 0.00	11.09 -0.35 0.00	14.09 -0.54 0.00	12.40 -0.53 0.00	16.57 -0.76 0.00	21.32 -0.98 0.00	29.58 -1.35 0.00	25.38 -1.21 0.00	25.95 -1.23 0.00	19.87 -0.78 0.00	19.22 -0.36 0.00
STA_82___115KV_TB1 80780	16.51 -0.84 0.00	14.27 -0.77 0.00	13.99 -0.71 0.00	16.36 -0.80 0.00	16.69 -0.82 0.00	18.04 -0.81 0.00	24.39 -1.33 0.00	22.55 -1.27 0.00	26.86 -1.51 0.00	18.67 -0.87 0.00	18.33 -0.77 0.00	16.93 -0.74 0.00	15.25 -0.62 0.00	9.55 -0.40 0.00	11.03 -0.41 0.00	14.01 -0.61 0.00	12.33 -0.59 0.00	16.48 -0.85 0.00	21.19 -1.10 0.00	29.40 -1.53 0.00	25.23 -1.36 0.00	25.80 -1.38 0.00	19.76 -0.89 0.00	19.12 -0.45 0.00
STEEL___WIND 323596	16.13 -1.22 0.00	13.92 -1.13 0.00	13.65 -1.04 0.00	16.01 -1.15 0.00	16.36 -1.15 0.00	17.66 -1.18 0.00	23.75 -1.96 0.00	21.77 -2.05 0.00	26.01 -2.36 0.00	18.34 -1.20 0.00	18.11 -0.99 0.00	16.72 -0.95 0.00	15.13 -0.74 0.00	9.46 -0.49 0.00	10.95 -0.49 0.00	13.85 -0.78 0.00	12.14 -0.78 0.00	16.16 -1.18 0.00	20.72 -1.57 0.00	28.72 -2.21 0.00	24.69 -1.90 0.00	25.38 -1.80 0.00	19.56 -1.10 0.00	19.17 -0.41 0.00
STEPHTWN_115KV_BK_2 55603	17.73 0.38 0.00	15.37 0.33 0.00	15.01 0.32 0.00	17.57 0.41 0.00	17.97 0.46 0.00	19.33 0.48 0.00	26.58 0.86 0.00	24.82 1.01 0.00	29.30 0.93 0.00	20.04 0.49 0.00	19.51 0.41 0.00	18.01 0.34 0.00	16.11 0.24 0.00	10.10 0.15 0.00	11.63 0.19 0.00	14.91 0.28 0.00	13.21 0.28 0.00	17.77 0.43 0.00	22.84 0.54 0.00	31.81 0.88 0.00	27.23 0.65 0.00	27.84 0.66 0.00	20.99 0.34 0.00	19.77 0.19 0.00
STEUBEN_REC_LFGE 323667	16.29 -1.06 0.00	14.30 -0.75 0.00	13.50 -1.19 0.00	16.09 -1.07 0.00	16.61 -0.90 0.00	17.71 -1.14 0.00	24.40 -1.32 0.00	22.58 -1.23 0.00	26.67 -1.70 0.00	18.83 -0.72 0.00	18.69 -0.41 0.00	17.33 -0.34 0.00	15.54 -0.33 0.00	9.59 -0.35 0.00	10.93 -0.51 0.00	13.93 -0.70 0.00	12.28 -0.65 0.00	16.53 -0.80 0.00	21.51 -0.79 0.00	30.36 -0.57 0.00	26.11 -0.48 0.00	26.60 -0.58 0.00	20.49 -0.17 0.00	19.75 0.17 0.00
STILLWATER___SOLAR 323814	17.73 0.38 0.00	15.42 0.37 0.00	15.05 0.35 0.00	17.60 0.44 0.00	17.99 0.48 0.00	19.40 0.56 0.00	26.64 0.93 0.00	24.88 1.07 0.00	29.33 0.96 0.00	19.99 0.44 0.00	19.42 0.32 0.00	17.96 0.30 0.00	16.08 0.21 0.00	10.09 0.15 0.00	11.66 0.21 0.00	14.96 0.34 0.00	13.31 0.38 0.00	17.92 0.58 0.00	23.04 0.75 0.00	32.12 1.19 0.00	27.55 0.97 0.00	28.10 0.93 0.00	21.17 0.52 0.00	19.94 0.37 0.00
STONY___BROOK 24151	17.81 0.46 0.00	15.42 0.38 0.00	15.05 0.36 0.00	17.55 0.40 0.00	17.95 0.44 0.00	19.34 0.49 0.00	26.88 1.16 0.00	24.99 1.17 0.00	29.22 0.85 0.00	20.14 0.60 0.00	19.71 0.61 0.00	18.18 0.51 0.00	16.21 0.34 0.00	10.17 0.23 0.00	11.78 0.33 0.00	15.04 0.41 0.00	13.38 0.45 0.00	17.92 0.58 0.00	23.14 0.84 0.00	32.17 1.24 0.00	27.74 1.16 0.00	28.37 1.19 0.00	21.46 0.81 0.00	20.09 0.51 0.00
STURGEON_POOL_HYD 23609	17.53 0.18 0.00	15.18 0.14 0.00	14.82 0.13 0.00	17.30 0.14 0.00	17.69 0.17 0.00	19.02 0.17 0.00	26.18 0.47 0.00	24.52 0.70 0.00	28.99 0.62 0.00	19.98 0.44 0.00	19.46 0.36 0.00	17.96 0.29 0.00	16.14 0.27 0.00	10.15 0.20 0.00	11.73 0.29 0.00	14.99 0.36 0.00	13.35 0.42 0.00	17.89 0.55 0.00	22.98 0.69 0.00	32.11 1.18 0.00	27.47 0.88 0.00	27.98 0.80 0.00	21.15 0.50 0.00	19.87 0.29 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	17.55 0.20 0.00	15.19 0.14 0.00	14.83 0.14 0.00	17.32 0.16 0.00	17.71 0.20 0.00	19.04 0.19 0.00	26.17 0.46 0.00	24.50 0.68 0.00	28.97 0.60 0.00	19.98 0.43 0.00	19.45 0.35 0.00	17.96 0.29 0.00	16.13 0.26 0.00	10.14 0.19 0.00	11.70 0.25 0.00	14.95 0.32 0.00	13.26 0.34 0.00	17.77 0.44 0.00	22.83 0.53 0.00	31.89 0.96 0.00	27.28 0.69 0.00	27.79 0.62 0.00	21.04 0.39 0.00	19.79 0.22 0.00
SWANROAD_115KV_TB1 355699	15.58 -1.77 0.00	13.47 -1.58 0.00	13.24 -1.45 0.00	15.49 -1.67 0.00	15.75 -1.76 0.00	17.06 -1.79 0.00	22.84 -2.87 0.00	20.89 -2.93 0.00	25.01 -3.36 0.00	17.61 -1.93 0.00	17.40 -1.71 0.00	16.04 -1.63 0.00	14.53 -1.34 0.00	9.09 -0.86 0.00	10.55 -0.90 0.00	13.33 -1.30 0.00	11.71 -1.22 0.00	15.54 -1.80 0.00	19.90 -2.39 0.00	27.54 -3.39 0.00	23.65 -2.93 0.00	24.25 -2.93 0.00	18.75 -1.91 0.00	18.44 -1.13 0.00
SYNERGY___BIOGAS 323694	16.38 -0.97 0.00	14.15 -0.89 0.00	13.89 -0.80 0.00	16.25 -0.91 0.00	16.63 -0.88 0.00	17.96 -0.89 0.00	24.20 -1.51 0.00	22.40 -1.42 0.00	26.81 -1.56 0.00	18.64 -0.90 0.00	18.20 -0.90 0.00	16.77 -0.89 0.00	15.13 -0.74 0.00	9.45 -0.50 0.00	10.93 -0.52 0.00	13.84 -0.79 0.00	12.17 -0.76 0.00	16.28 -1.06 0.00	21.02 -1.28 0.00	29.20 -1.73 0.00	25.06 -1.52 0.00	25.65 -1.52 0.00	19.72 -0.93 0.00	19.26 -0.31 0.00
SYRACUSE___ENERGY_ST1 323597	17.22 -0.13 0.00	14.94 -0.11 0.00	14.58 -0.12 0.00	17.05 -0.10 0.00	17.40 -0.11 0.00	18.74 -0.11 0.00	25.51 -0.20 0.00	23.91 0.10 0.00	28.21 -0.16 0.00	19.45 -0.09 0.00	19.03 -0.08 0.00	17.59 -0.08 0.00	15.80 -0.07 0.00	9.89 -0.05 0.00	11.35 -0.09 0.00	14.50 -0.13 0.00	12.81 -0.11 0.00	17.20 -0.14 0.00	22.11 -0.18 0.00	30.71 -0.22 0.00	26.35 -0.24 0.00	26.94 -0.24 0.00	20.55 -0.11 0.00	19.62 0.04 0.00

SYRACUSE___ENERGY_ST2 323598	17.22 -0.13 0.00	14.94 -0.11 0.00	14.58 -0.12 0.00	17.05 -0.10 0.00	17.40 -0.11 0.00	18.74 -0.11 0.00	25.51 -0.20 0.00	23.91 0.10 0.00	28.21 -0.16 0.00	19.45 -0.09 0.00	19.03 -0.08 0.00	17.59 -0.08 0.00	15.80 -0.07 0.00	9.89 -0.05 0.00	11.35 -0.09 0.00	14.50 -0.13 0.00	12.81 -0.11 0.00	17.20 -0.14 0.00	22.11 -0.18 0.00	30.71 -0.22 0.00	26.35 -0.24 0.00	26.94 -0.24 0.00	20.55 -0.11 0.00	19.62 0.04 0.00
SYRACUSE___POWER 24017	17.20 -0.15 0.00	14.91 -0.13 0.00	14.55 -0.14 0.00	17.02 -0.14 0.00	17.36 -0.15 0.00	18.70 -0.15 0.00	25.45 -0.26 0.00	23.74 -0.08 0.00	28.13 -0.24 0.00	19.38 -0.16 0.00	18.94 -0.16 0.00	17.53 -0.14 0.00	15.76 -0.11 0.00	9.87 -0.08 0.00	11.33 -0.11 0.00	14.46 -0.17 0.00	12.77 -0.15 0.00	17.14 -0.20 0.00	22.04 -0.25 0.00	30.64 -0.29 0.00	26.28 -0.30 0.00	26.86 -0.32 0.00	20.48 -0.17 0.00	19.56 -0.02 0.00
TALLMAN__138KV_BK151 55660	17.59 0.24 0.00	15.21 0.16 0.00	14.85 0.16 0.00	17.35 0.18 0.00	17.73 0.22 0.00	19.06 0.21 0.00	26.24 0.52 0.00	24.56 0.74 0.00	29.04 0.67 0.00	20.06 0.51 0.00	19.54 0.44 0.00	18.05 0.38 0.00	16.21 0.34 0.00	10.20 0.25 0.00	11.76 0.31 0.00	15.03 0.40 0.00	13.32 0.40 0.00	17.83 0.50 0.00	22.90 0.60 0.00	32.01 1.08 0.00	27.37 0.79 0.00	27.89 0.71 0.00	21.11 0.45 0.00	19.84 0.27 0.00
TEALLAVE_115KV_TB7 355573	17.10 -0.24 0.00	14.82 -0.22 0.00	14.47 -0.22 0.00	16.93 -0.23 0.00	17.28 -0.23 0.00	18.60 -0.25 0.00	25.29 -0.43 0.00	23.54 -0.28 0.00	27.92 -0.44 0.00	19.25 -0.29 0.00	18.83 -0.27 0.00	17.43 -0.24 0.00	15.68 -0.20 0.00	9.82 -0.13 0.00	11.28 -0.17 0.00	14.38 -0.24 0.00	12.70 -0.22 0.00	17.04 -0.30 0.00	21.89 -0.40 0.00	30.42 -0.51 0.00	26.09 -0.49 0.00	26.67 -0.51 0.00	20.35 -0.30 0.00	19.45 -0.13 0.00
TELGRAPH_34_KV_EAST 80808	16.07 -1.28 0.00	13.88 -1.16 0.00	13.63 -1.06 0.00	15.96 -1.20 0.00	16.26 -1.26 0.00	17.61 -1.24 0.00	23.66 -2.05 0.00	21.74 -2.07 0.00	25.99 -2.38 0.00	18.21 -1.33 0.00	17.91 -1.19 0.00	16.51 -1.16 0.00	14.93 -0.94 0.00	9.33 -0.62 0.00	10.81 -0.64 0.00	13.67 -0.96 0.00	12.01 -0.91 0.00	16.01 -1.33 0.00	20.59 -1.71 0.00	28.54 -2.40 0.00	24.50 -2.09 0.00	25.10 -2.08 0.00	19.34 -1.32 0.00	18.94 -0.63 0.00
TEMPLE___115KV_TB 2 55572	17.12 -0.23 0.00	14.83 -0.21 0.00	14.48 -0.21 0.00	16.93 -0.23 0.00	17.29 -0.22 0.00	18.61 -0.24 0.00	25.29 -0.42 0.00	23.55 -0.27 0.00	27.95 -0.42 0.00	19.27 -0.27 0.00	18.85 -0.25 0.00	17.44 -0.22 0.00	15.69 -0.18 0.00	9.83 -0.12 0.00	11.29 -0.16 0.00	14.40 -0.23 0.00	12.71 -0.21 0.00	17.05 -0.29 0.00	21.90 -0.39 0.00	30.44 -0.49 0.00	26.11 -0.47 0.00	26.69 -0.49 0.00	20.36 -0.29 0.00	19.46 -0.12 0.00
TIANA____69_KV_BK 1 55817	17.80 0.45 0.00	15.45 0.40 0.00	15.09 0.40 0.00	17.61 0.45 0.00	18.05 0.53 0.00	19.45 0.60 0.00	27.16 1.45 0.00	25.25 1.43 0.00	29.54 1.17 0.00	20.35 0.81 0.00	19.88 0.78 0.00	18.32 0.65 0.00	16.31 0.44 0.00	10.23 0.28 0.00	11.85 0.40 0.00	15.14 0.51 0.00	13.48 0.56 0.00	17.98 0.65 0.00	23.27 0.98 0.00	32.35 1.42 0.00	27.90 1.32 0.00	28.41 1.23 0.00	21.49 0.84 0.00	20.10 0.52 0.00
TILDEN___115KV_TB1 80814	17.20 -0.15 0.00	14.91 -0.13 0.00	14.55 -0.14 0.00	17.02 -0.14 0.00	17.36 -0.15 0.00	18.70 -0.15 0.00	25.45 -0.26 0.00	23.74 -0.08 0.00	28.13 -0.24 0.00	19.38 -0.16 0.00	18.94 -0.16 0.00	17.53 -0.14 0.00	15.76 -0.11 0.00	9.87 -0.08 0.00	11.33 -0.11 0.00	14.46 -0.17 0.00	12.77 -0.15 0.00	17.14 -0.20 0.00	22.04 -0.25 0.00	30.64 -0.29 0.00	26.28 -0.30 0.00	26.86 -0.32 0.00	20.48 -0.17 0.00	19.56 -0.02 0.00
TRIGEN___CC 323695	17.76 0.42 0.00	15.38 0.33 0.00	15.00 0.31 0.00	17.49 0.33 0.00	17.87 0.36 0.00	19.22 0.37 0.00	26.59 0.87 0.00	24.86 1.04 0.00	29.26 0.89 0.00	20.20 0.66 0.00	19.76 0.66 0.00	18.24 0.58 0.00	16.36 0.48 0.00	10.27 0.33 0.00	11.87 0.43 0.00	15.16 0.53 0.00	13.44 0.52 0.00	18.00 0.67 0.00	23.13 0.84 0.00	32.27 1.34 0.00	27.66 1.07 0.00	28.22 1.04 0.00	21.36 0.71 0.00	20.02 0.45 0.00
TRINITY__115KV__ 4 BK 55933	17.59 0.24 0.00	15.28 0.23 0.00	14.91 0.22 0.00	17.44 0.28 0.00	17.81 0.30 0.00	19.18 0.33 0.00	26.29 0.58 0.00	24.57 0.75 0.00	29.03 0.66 0.00	19.88 0.34 0.00	19.39 0.29 0.00	17.93 0.26 0.00	16.05 0.18 0.00	10.08 0.13 0.00	11.60 0.16 0.00	14.87 0.24 0.00	13.17 0.24 0.00	17.69 0.35 0.00	22.68 0.39 0.00	31.61 0.68 0.00	27.08 0.50 0.00	27.69 0.52 0.00	20.93 0.27 0.00	19.71 0.13 0.00
UNION___PROCESSING_DRP 323587	16.51 -0.84 0.00	14.28 -0.76 0.00	13.99 -0.70 0.00	16.36 -0.80 0.00	16.70 -0.81 0.00	18.04 -0.81 0.00	24.40 -1.31 0.00	22.56 -1.25 0.00	26.87 -1.50 0.00	18.67 -0.87 0.00	18.34 -0.76 0.00	16.93 -0.73 0.00	15.26 -0.61 0.00	9.55 -0.40 0.00	11.04 -0.41 0.00	14.02 -0.61 0.00	12.34 -0.58 0.00	16.49 -0.85 0.00	21.20 -1.09 0.00	29.41 -1.52 0.00	25.24 -1.35 0.00	25.82 -1.36 0.00	19.78 -0.88 0.00	19.13 -0.44 0.00
UPPER HUDSON___HYD 24058	17.75 0.40 0.00	15.46 0.42 0.00	15.10 0.40 0.00	17.66 0.50 0.00	18.05 0.54 0.00	19.52 0.67 0.00	26.83 1.12 0.00	25.09 1.28 0.00	29.52 1.15 0.00	20.05 0.52 0.00	19.45 0.34 0.00	18.00 0.33 0.00	16.11 0.24 0.00	10.10 0.15 0.00	11.67 0.22 0.00	14.99 0.36 0.00	13.33 0.40 0.00	17.98 0.65 0.00	23.14 0.85 0.00	32.27 1.34 0.00	27.75 1.16 0.00	28.22 1.04 0.00	21.18 0.52 0.00	19.95 0.38 0.00
UPPER RAQUET___HYD 24056	17.20 -0.15 0.00	14.91 -0.14 0.00	14.53 -0.16 0.00	16.90 -0.26 0.00	17.20 -0.31 0.00	18.55 -0.29 0.00	25.29 -0.42 0.00	23.30 -0.52 0.00	27.96 -0.41 0.00	19.27 -0.27 0.00	18.83 -0.27 0.00	17.39 -0.28 0.00	15.63 -0.24 0.00	9.74 -0.21 0.00	11.17 -0.28 0.00	14.27 -0.36 0.00	12.53 -0.39 0.00	16.87 -0.46 0.00	21.97 -0.32 0.00	30.40 -0.53 0.00	26.19 -0.39 0.00	26.90 -0.28 0.00	20.42 -0.23 0.00	19.26 -0.31 0.00
VALLEY44_115KV_TB2 355964	16.75 -0.60 0.00	14.40 -0.65 0.00	14.11 -0.58 0.00	16.59 -0.57 0.00	16.92 -0.59 0.00	18.19 -0.66 0.00	24.52 -1.19 0.00	22.62 -1.19 0.00	26.91 -1.46 0.00	18.96 -0.58 0.00	18.78 -0.33 0.00	17.45 -0.22 0.00	15.80 -0.07 0.00	9.88 -0.07 0.00	11.41 -0.04 0.00	14.45 -0.18 0.00	12.67 -0.26 0.00	16.87 -0.47 0.00	21.56 -0.74 0.00	29.81 -1.13 0.00	25.60 -0.99 0.00	26.44 -0.74 0.00	20.33 -0.32 0.00	19.67 0.10 0.00
VALLEY___115KV_TB 1-4 80826	17.15 -0.20 0.00	14.89 -0.15 0.00	14.55 -0.14 0.00	17.01 -0.15 0.00	17.37 -0.13 0.00	18.73 -0.12 0.00	25.59 -0.12 0.00	23.80 -0.02 0.00	28.05 -0.32 0.00	19.21 -0.33 0.00	18.77 -0.33 0.00	17.41 -0.25 0.00	15.61 -0.26 0.00	9.80 -0.15 0.00	11.31 -0.14 0.00	14.49 -0.14 0.00	12.84 -0.09 0.00	17.25 -0.09 0.00	22.26 -0.03 0.00	31.06 0.12 0.00	26.58 -0.01 0.00	27.02 -0.16 0.00	20.44 -0.22 0.00	19.24 -0.33 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	17.72 0.38 0.00	15.36 0.32 0.00	15.00 0.31 0.00	17.53 0.37 0.00	17.91 0.40 0.00	19.34 0.49 0.00	26.46 0.75 0.00	24.43 0.62 0.00	28.97 0.59 0.00	19.95 0.41 0.00	19.48 0.37 0.00	17.99 0.32 0.00	16.16 0.28 0.00	10.13 0.19 0.00	11.65 0.20 0.00	14.90 0.27 0.00	13.18 0.25 0.00	17.67 0.34 0.00	22.73 0.44 0.00	31.65 0.72 0.00	27.12 0.54 0.00	27.66 0.49 0.00	21.00 0.34 0.00	19.87 0.30 0.00
VISCHER___FERRY HYD 24020	17.52 0.17 0.00	15.24 0.19 0.00	14.87 0.18 0.00	17.39 0.23 0.00	17.76 0.25 0.00	19.14 0.29 0.00	26.27 0.55 0.00	24.55 0.73 0.00	28.96 0.60 0.00	19.80 0.26 0.00	19.28 0.17 0.00	17.84 0.17 0.00	15.99 0.12 0.00	10.04 0.09 0.00	11.58 0.13 0.00	14.85 0.22 0.00	13.17 0.24 0.00	17.70 0.36 0.00	22.72 0.43 0.00	31.67 0.74 0.00	27.15 0.57 0.00	27.76 0.58 0.00	20.94 0.28 0.00	19.70 0.13 0.00
V_A_10_SYNC_DSASP 323832	15.95 -1.40 0.00	13.79 -1.26 0.00	13.53 -1.16 0.00	15.84 -1.32 0.00	16.20 -1.31 0.00	17.44 -1.41 0.00	23.45 -2.26 0.00	21.56 -2.26 0.00	25.73 -2.64 0.00	18.03 -1.51 0.00	17.81 -1.30 0.00	16.44 -1.23 0.00	14.85 -1.02 0.00	9.30 -0.65 0.00	10.77 -0.68 0.00	13.63 -1.00 0.00	11.98 -0.95 0.00	15.94 -1.39 0.00	20.44 -1.86 0.00	28.28 -2.66 0.00	24.27 -2.32 0.00	24.88 -2.30 0.00	19.14 -1.51 0.00	18.69 -0.89 0.00
V_CMM_10_SYNC_DSASP 323787	17.51 0.17 0.00	15.19 0.14 0.00	14.83 0.14 0.00	17.28 0.12 0.00	17.60 0.09 0.00	18.97 0.13 0.00	25.84 0.12 0.00	23.77 -0.05 0.00	28.50 0.13 0.00	19.68 0.13 0.00	19.31 0.21 0.00	17.86 0.20 0.00	16.06 0.18 0.00	10.04 0.09 0.00	11.55 0.10 0.00	14.74 0.11 0.00	12.99 0.07 0.00	17.43 0.10 0.00	22.50 0.20 0.00	31.07 0.14 0.00	26.78 0.19 0.00	27.45 0.27 0.00	20.89 0.24 0.00	19.77 0.20 0.00
V_CMP_10_SYNC_DSASP 323788	18.01 0.66 0.00	15.65 0.60 0.00	15.21 0.51 0.00	17.64 0.48 0.00	17.77 0.26 0.00	19.11 0.26 0.00	26.20 0.49 0.00	24.35 0.53 0.00	28.94 0.58 0.00	20.10 0.55 0.00	19.62 0.52 0.00	18.24 0.57 0.00	16.44 0.57 0.00	10.27 0.32 0.00	11.83 0.38 0.00	15.06 0.43 0.00	13.27 0.34 0.00	17.85 0.51 0.00	23.04 0.74 0.00	31.92 0.99 0.00	27.57 0.99 0.00	28.29 1.11 0.00	21.50 0.85 0.00	20.39 0.82 0.00
V_D_10_SYNC_DSASP 323841	17.58 0.23 0.00	15.24 0.20 0.00	14.88 0.19 0.00	17.34 0.18 0.00	17.65 0.14 0.00	19.03 0.18 0.00	25.92 0.20 0.00	23.85 0.03 0.00	28.59 0.22 0.00	19.73 0.19 0.00	19.35 0.25 0.00	17.90 0.24 0.00	16.09 0.22 0.00	10.06 0.11 0.00	11.56 0.11 0.00	14.75 0.13 0.00	13.00 0.08 0.00	17.46 0.12 0.00	22.56 0.27 0.00	31.17 0.24 0.00	26.85 0.27 0.00	27.53 0.35 0.00	20.95 0.30 0.00	19.82 0.25 0.00
V_E_10_SYNC_DSASP 323830	18.60 1.26 0.00	16.12 1.08 0.00	15.71 1.02 0.00	18.32 1.16 0.00	18.65 1.14 0.00	20.20 1.35 0.00	27.68 1.97 0.00	26.00 2.18 0.00	30.66 2.29 0.00	20.84 1.29 0.00	20.17 1.07 0.00	18.58 0.92 0.00	16.79 0.92 0.00	10.52 0.57 0.00	11.95 0.51 0.00	15.22 0.59 0.00	13.54 0.62 0.00	18.32 0.98 0.00	23.90 1.60 0.00	33.31 2.38 0.00	28.54 1.95 0.00	28.95 1.77 0.00	21.96 1.31 0.00	20.83 1.25 0.00
V_F_30_NSYNC___DSASP 323816	17.76 0.41 0.00	15.44 0.39 0.00	15.07 0.38 0.00	17.63 0.46 0.00	18.01 0.50 0.00	19.43 0.58 0.00	26.68 0.97 0.00	24.91 1.09 0.00	29.37 1.00 0.00	20.03 0.49 0.00	19.47 0.36 0.00	18.01 0.34 0.00	16.12 0.25 0.00	10.12 0.17 0.00	11.68 0.24 0.00	15.00 0.37 0.00	13.33 0.41 0.00	17.94 0.61 0.00	23.08 0.79 0.00	32.17 1.24 0.00	27.59 1.01 0.00	28.13 0.96 0.00	21.21 0.55 0.00	19.97 0.40 0.00
V_F_30_SYNC_DSASP 323786	17.67 0.32 0.00	15.35 0.30 0.00	14.98 0.28 0.00	17.51 0.35 0.00	17.88 0.38 0.00	19.27 0.42 0.00	26.43 0.72 0.00	24.70 0.88 0.00	29.19 0.82 0.00	19.98 0.44 0.00	19.49 0.38 0.00	18.02 0.36 0.00	16.14 0.27 0.00	10.12 0.18 0.00	11.67 0.22 0.00	14.95 0.32 0.00	13.24 0.31 0.00	17.78 0.45 0.00	22.81 0.51 0.00	31.79 0.86 0.00	27.22 0.64 0.00	27.83 0.65 0.00	21.03 0.37 0.00	19.80 0.22 0.00
V_XM_10_SYNC_DSASP 323789	18.01 0.66 0.00	15.65 0.60 0.00	15.21 0.51 0.00	17.64 0.48 0.00	17.77 0.26 0.00	19.11 0.26 0.00	26.20 0.49 0.00	24.35 0.53 0.00	28.94 0.58 0.00	20.10 0.55 0.00	19.62 0.52 0.00	18.24 0.57 0.00	16.44 0.57 0.00	10.27 0.32 0.00	11.83 0.38 0.00	15.06 0.43 0.00	13.27 0.34 0.00	17.85 0.51 0.00	23.04 0.74 0.00	31.92 0.99 0.00	27.57 0.99 0.00	28.29 1.11 0.00	21.50 0.85 0.00	20.39 0.82 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	17.64 0.29 0.00	15.25 0.21 0.00	14.90 0.20 0.00	17.39 0.23 0.00	17.78 0.27 0.00	19.12 0.27 0.00	26.32 0.60 0.00	24.65 0.83 0.00	29.15 0.78 0.00	20.12 0.58 0.00	19.60 0.50 0.00	18.10 0.44 0.00	16.26 0.39 0.00	10.22 0.28 0.00	11.79 0.35 0.00	15.08 0.45 0.00	13.37 0.44 0.00	17.90 0.57 0.00	22.98 0.69 0.00	32.13 1.20 0.00	27.47 0.88 0.00	27.98 0.80 0.00	21.17 0.52 0.00	19.90 0.33 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	17.64 0.30 0.00	15.27 0.23 0.00	14.91 0.21 0.00	17.41 0.25 0.00	17.78 0.27 0.00	19.10 0.25 0.00	26.32 0.60 0.00	24.69 0.87 0.00	29.17 0.80 0.00	20.19 0.65 0.00	19.69 0.59 0.00	18.20 0.53 0.00	16.38 0.50 0.00	10.30 0.36 0.00	11.89 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.99 0.66 0.00	23.06 0.77 0.00	32.22 1.29 0.00	27.52 0.93 0.00	28.01 0.83 0.00	21.18 0.53 0.00	19.86 0.29 0.00
W50THST__13_KV_LOAD 356117	17.73 0.38 0.00	15.35 0.30 0.00	14.98 0.29 0.00	17.49 0.33 0.00	17.86 0.36 0.00	19.20 0.35 0.00	26.47 0.75 0.00	24.85 1.03 0.00	29.37 1.00 0.00	20.34 0.80 0.00	19.84 0.73 0.00	18.33 0.66 0.00	16.51 0.63 0.00	10.39 0.44 0.00	11.99 0.55 0.00	15.30 0.67 0.00	13.57 0.65 0.00	18.13 0.79 0.00	23.22 0.93 0.00	32.43 1.50 0.00	27.68 1.10 0.00	28.17 1.00 0.00	21.30 0.64 0.00	19.97 0.39 0.00
WADING RIVER_IC_1 23522	17.67 0.32 0.00	15.33 0.29 0.00	14.97 0.28 0.00	17.47 0.31 0.00	17.87 0.36 0.00	19.27 0.42 0.00	26.98 1.26 0.00	25.04 1.22 0.00	29.31 0.93 0.00	20.20 0.66 0.00	19.75 0.65 0.00	18.21 0.54 0.00	16.21 0.34 0.00	10.17 0.23 0.00	11.78 0.33 0.00	15.05 0.42 0.00	13.39 0.47 0.00	17.82 0.48 0.00	23.06 0.77 0.00	32.02 1.09 0.00	27.66 1.08 0.00	28.15 0.98 0.00	21.30 0.64 0.00	19.92 0.35 0.00
WADING RIVER_IC_2 23547	17.67 0.32 0.00	15.33 0.29 0.00	14.97 0.28 0.00	17.47 0.31 0.00	17.87 0.36 0.00	19.27 0.42 0.00	26.98 1.26 0.00	25.04 1.22 0.00	29.31 0.93 0.00	20.20 0.66 0.00	19.75 0.65 0.00	18.21 0.54 0.00	16.21 0.34 0.00	10.17 0.23 0.00	11.78 0.33 0.00	15.05 0.42 0.00	13.39 0.47 0.00	17.82 0.48 0.00	23.06 0.77 0.00	32.02 1.09 0.00	27.66 1.08 0.00	28.15 0.98 0.00	21.30 0.64 0.00	19.92 0.35 0.00

WHITEHAL_115KV_TB1 80871	17.98 0.63 0.00	15.83 0.78 0.00	15.46 0.77 0.00	18.12 0.96 0.00	18.51 1.00 0.00	20.10 1.25 0.00	27.63 1.92 0.00	25.94 2.13 0.00	30.26 1.90 0.00	20.32 0.77 0.00	19.52 0.42 0.00	18.10 0.43 0.00	16.24 0.36 0.00	10.17 0.22 0.00	11.77 0.32 0.00	15.17 0.54 0.00	13.64 0.72 0.00	18.48 1.15 0.00	23.65 1.36 0.00	32.94 2.01 0.00	28.45 1.86 0.00	28.71 1.53 0.00	21.36 0.71 0.00	20.07 0.49 0.00
WHITEPLN_13_KV_LOAD 356215	17.76 0.41 0.00	15.38 0.33 0.00	15.00 0.31 0.00	17.50 0.34 0.00	17.89 0.38 0.00	19.24 0.40 0.00	26.52 0.81 0.00	24.86 1.04 0.00	29.40 1.03 0.00	20.30 0.76 0.00	19.78 0.68 0.00	18.27 0.61 0.00	16.42 0.54 0.00	10.32 0.37 0.00	11.91 0.47 0.00	15.22 0.59 0.00	13.50 0.58 0.00	18.09 0.75 0.00	23.21 0.92 0.00	32.43 1.50 0.00	27.71 1.13 0.00	28.23 1.05 0.00	21.33 0.68 0.00	20.03 0.45 0.00
WM_FLOYD_69_KV_BK2 356380	17.80 0.45 0.00	15.42 0.38 0.00	15.06 0.37 0.00	17.57 0.41 0.00	17.99 0.47 0.00	19.37 0.52 0.00	27.00 1.29 0.00	25.09 1.28 0.00	29.36 0.99 0.00	20.24 0.70 0.00	19.79 0.69 0.00	18.25 0.58 0.00	16.24 0.37 0.00	10.19 0.24 0.00	11.79 0.35 0.00	15.07 0.44 0.00	13.42 0.50 0.00	17.93 0.60 0.00	23.20 0.90 0.00	32.24 1.30 0.00	27.80 1.21 0.00	28.35 1.17 0.00	21.45 0.80 0.00	20.08 0.50 0.00
WOODARD__115KV_TB2 355635	17.09 -0.26 0.00	14.81 -0.24 0.00	14.45 -0.24 0.00	16.90 -0.26 0.00	17.26 -0.25 0.00	18.57 -0.28 0.00	25.24 -0.47 0.00	23.52 -0.30 0.00	27.78 -0.59 0.00	19.11 -0.43 0.00	18.70 -0.40 0.00	17.36 -0.30 0.00	15.71 -0.16 0.00	9.84 -0.11 0.00	11.26 -0.18 0.00	14.36 -0.27 0.00	12.68 -0.25 0.00	17.01 -0.33 0.00	21.86 -0.44 0.00	30.36 -0.57 0.00	26.05 -0.54 0.00	26.62 -0.56 0.00	20.31 -0.34 0.00	19.41 -0.16 0.00
YORK__WARBASSE 23770	17.67 0.32 0.00	15.28 0.24 0.00	14.91 0.22 0.00	17.41 0.25 0.00	17.78 0.28 0.00	19.10 0.25 0.00	26.31 0.60 0.00	24.70 0.89 0.00	29.19 0.82 0.00	20.20 0.66 0.00	19.70 0.60 0.00	18.20 0.53 0.00	16.38 0.51 0.00	10.30 0.35 0.00	11.88 0.44 0.00	15.17 0.54 0.00	13.45 0.53 0.00	17.99 0.65 0.00	23.05 0.75 0.00	32.23 1.30 0.00	27.53 0.95 0.00	28.04 0.87 0.00	21.21 0.56 0.00	19.92 0.34 0.00