

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/02/2025

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	9.01	8.20	0.31	5.62	6.24	8.97	18.54	15.57	12.77	16.33	15.72	10.38	9.78	9.61	9.10	7.68	15.20	22.96	24.21	31.79	32.71	27.34	22.58	21.47
24138	0.64	0.57	0.02	0.40	0.46	0.60	1.09	0.93	0.84	1.15	1.15	0.80	0.78	0.80	0.79	0.68	1.33	1.88	1.79	2.19	2.27	1.85	1.58	1.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	9.02	8.21	0.31	5.62	6.24	8.97	18.56	15.58	12.77	16.32	15.70	10.37	9.77	9.61	9.09	7.66	15.18	22.94	24.22	31.80	32.74	27.37	22.62	21.50
24260	0.64	0.57	0.02	0.40	0.46	0.61	1.11	0.94	0.84	1.15	1.13	0.79	0.77	0.79	0.78	0.67	1.31	1.87	1.80	2.21	2.30	1.88	1.61	1.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	9.02	8.21	0.31	5.62	6.24	8.97	18.56	15.58	12.77	16.32	15.70	10.37	9.77	9.61	9.09	7.66	15.18	22.94	24.22	31.80	32.74	27.37	22.62	21.50
24261	0.64	0.57	0.02	0.40	0.46	0.61	1.11	0.94	0.84	1.15	1.13	0.79	0.77	0.79	0.78	0.67	1.31	1.87	1.80	2.21	2.30	1.88	1.61	1.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	8.92	8.11	0.30	5.54	6.17	8.96	18.64	15.55	12.52	15.76	15.09	9.96	9.38	9.14	8.60	7.23	14.45	22.10	23.60	31.18	32.14	26.81	22.20	21.10
24011	0.54	0.48	0.02	0.32	0.40	0.60	1.19	0.91	0.58	0.58	0.53	0.38	0.38	0.33	0.29	0.24	0.58	1.02	1.18	1.58	1.69	1.32	1.19	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	8.94	8.14	0.30	5.56	6.20	9.02	18.79	15.67	12.59	15.81	15.12	10.00	9.42	9.17	8.63	7.25	14.51	22.20	23.68	31.30	32.26	26.91	22.32	21.23
23798	0.57	0.51	0.02	0.33	0.42	0.66	1.34	1.03	0.65	0.64	0.55	0.42	0.42	0.35	0.31	0.26	0.64	1.13	1.26	1.70	1.81	1.41	1.31	1.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	8.92	8.11	0.30	5.54	6.17	8.96	18.64	15.55	12.52	15.76	15.09	9.96	9.38	9.14	8.60	7.23								

ALBANY___2 23572	8.60 0.22 0.00	7.84 0.21 0.00	0.30 0.01 0.00	5.36 0.15 0.00	5.94 0.17 0.00	8.56 0.20 0.00	17.61 0.16 0.00	14.73 0.09 0.00	11.98 0.04 0.00	15.19 0.01 0.00	14.56 -0.01 0.00	9.59 0.01 0.00	9.03 0.03 0.00	8.86 0.05 0.00	8.37 0.05 0.00	7.04 0.05 0.00	13.95 0.08 0.00	21.17 0.10 0.00	22.51 0.09 0.00	29.63 0.03 0.00	30.51 0.06 0.00	25.55 0.05 0.00	21.19 0.19 0.00	20.17 0.16 0.00
ALBANY___3 23573	8.60 0.22 0.00	7.84 0.21 0.00	0.30 0.01 0.00	5.36 0.15 0.00	5.94 0.17 0.00	8.56 0.20 0.00	17.61 0.16 0.00	14.73 0.09 0.00	11.98 0.04 0.00	15.19 0.01 0.00	14.56 -0.01 0.00	9.59 0.01 0.00	9.03 0.03 0.00	8.86 0.05 0.00	8.37 0.05 0.00	7.04 0.05 0.00	13.95 0.08 0.00	21.17 0.10 0.00	22.51 0.09 0.00	29.63 0.03 0.00	30.51 0.06 0.00	25.55 0.05 0.00	21.19 0.19 0.00	20.17 0.16 0.00
ALBANY___4 23574	8.60 0.22 0.00	7.84 0.21 0.00	0.30 0.01 0.00	5.36 0.15 0.00	5.94 0.17 0.00	8.56 0.20 0.00	17.61 0.16 0.00	14.73 0.09 0.00	11.98 0.04 0.00	15.19 0.01 0.00	14.56 -0.01 0.00	9.59 0.01 0.00	9.03 0.03 0.00	8.86 0.05 0.00	8.37 0.05 0.00	7.04 0.05 0.00	13.95 0.08 0.00	21.17 0.10 0.00	22.51 0.09 0.00	29.63 0.03 0.00	30.51 0.06 0.00	25.55 0.05 0.00	21.19 0.19 0.00	20.17 0.16 0.00
ALBANY___LFGE 323615	8.66 0.28 0.00	7.89 0.26 0.00	0.30 0.01 0.00	5.40 0.18 0.00	5.98 0.20 0.00	8.62 0.25 0.00	17.76 0.32 0.00	14.86 0.22 0.00	12.08 0.14 0.00	15.32 0.14 0.00	14.68 0.11 0.00	9.67 0.09 0.00	9.11 0.11 0.00	8.94 0.12 0.00	8.43 0.12 0.00	7.10 0.11 0.00	14.08 0.22 0.00	21.39 0.31 0.00	22.74 0.32 0.00	29.94 0.35 0.00	30.84 0.39 0.00	25.80 0.31 0.00	21.38 0.37 0.00	20.34 0.33 0.00
ALCOA_PA_115KV_PL-6C 55860	8.27 -0.11 0.00	7.54 -0.09 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.65 -0.12 0.00	8.23 -0.13 0.00	17.27 -0.18 0.00	14.56 -0.09 0.00	11.89 -0.05 0.00	15.12 -0.05 0.00	14.53 -0.04 0.00	9.52 -0.06 0.00	8.92 -0.09 0.00	8.71 -0.10 0.00	8.21 -0.10 0.00	6.95 -0.04 0.00	13.87 0.00 0.00	21.12 0.04 0.00	22.53 0.11 0.00	29.87 0.27 0.00	30.75 0.30 0.00	25.71 0.21 0.00	21.02 0.01 0.00	19.91 -0.10 0.00
ALCOA_RYNLDS___DRP 24188	8.27 -0.11 0.00	7.54 -0.09 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.65 -0.12 0.00	8.23 -0.13 0.00	17.27 -0.18 0.00	14.56 -0.09 0.00	11.89 -0.05 0.00	15.12 -0.05 0.00	14.53 -0.04 0.00	9.52 -0.06 0.00	8.92 -0.09 0.00	8.71 -0.10 0.00	8.21 -0.10 0.00	6.95 -0.04 0.00	13.87 0.00 0.00	21.12 0.04 0.00	22.53 0.11 0.00	29.87 0.27 0.00	30.75 0.30 0.00	25.71 0.21 0.00	21.02 0.01 0.00	19.91 -0.10 0.00
ALCOA___DSASP 323711	8.27 -0.11 0.00	7.54 -0.09 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.65 -0.12 0.00	8.23 -0.13 0.00	17.27 -0.18 0.00	14.56 -0.09 0.00	11.89 -0.05 0.00	15.12 -0.05 0.00	14.53 -0.04 0.00	9.52 -0.06 0.00	8.92 -0.09 0.00	8.71 -0.10 0.00	8.21 -0.10 0.00	6.95 -0.04 0.00	13.87 0.00 0.00	21.12 0.04 0.00	22.53 0.11 0.00	29.87 0.27 0.00	30.75 0.30 0.00	25.71 0.21 0.00	21.02 0.01 0.00	19.91 -0.10 0.00
ALLEGHENY___COGEN 23514	8.45 0.07 0.00	7.72 0.08 0.00	0.29 0.01 0.00	5.32 0.10 0.00	5.91 0.13 0.00	8.52 0.16 0.00	17.81 0.36 0.00	14.58 -0.06 0.00	11.79 -0.15 0.00	15.06 -0.11 0.00	14.46 -0.11 0.00	9.46 -0.12 0.00	8.92 -0.08 0.00	8.66 -0.15 0.00	8.10 -0.21 0.00	6.71 -0.28 0.00	13.20 -0.66 0.00	19.99 -1.09 0.00	21.28 -1.14 0.00	29.12 -0.48 0.00	30.52 0.08 0.00	23.60 -0.17 1.73	20.85 -0.16 0.00	20.09 0.08 0.00
ALTAMONT_115KV_TB 2 55880	8.63 0.26 0.00	7.86 0.23 0.00	0.30 0.01 0.00	5.39 0.17 0.00	5.97 0.19 0.00	8.61 0.24 0.00	17.81 0.36 0.00	14.90 0.25 0.00	12.11 0.17 0.00	15.37 0.19 0.00	14.73 0.16 0.00	9.70 0.12 0.00	9.13 0.13 0.00	8.96 0.14 0.00	8.45 0.14 0.00	7.11 0.12 0.00	14.10 0.24 0.00	21.43 0.35 0.00	22.80 0.38 0.00	30.05 0.46 0.00	30.95 0.50 0.00	25.91 0.42 0.00	21.43 0.42 0.00	20.40 0.39 0.00
ALTONA_WT_PWR 323606	8.27 -0.10 0.00	7.53 -0.10 0.00	0.28 -0.01 0.00	5.09 -0.13 0.00	5.63 -0.15 0.00	8.20 -0.17 0.00	17.12 -0.33 0.00	14.43 -0.21 0.00	11.79 -0.14 0.00	14.99 -0.18 0.00	14.34 -0.23 0.00	9.35 -0.23 0.00	8.73 -0.27 0.00	8.55 -0.26 0.00	8.09 -0.22 0.00	6.86 -0.13 0.00	13.86 -0.01 0.00	21.09 0.01 0.00	22.49 0.07 0.00	29.97 0.37 0.00	30.84 0.39 0.00	25.67 0.18 0.00	20.92 -0.08 0.00	19.84 -0.17 0.00
AMERICAN_REF_FUEL 24010	7.81 -0.57 0.00	7.14 -0.49 0.00	0.27 -0.02 0.00	4.96 -0.26 0.00	5.48 -0.29 0.00	7.90 -0.47 0.00	16.53 -0.92 0.00	13.68 -0.96 0.00	11.34 -0.60 0.00	14.59 -0.58 0.00	14.10 -0.47 0.00	9.25 -0.33 0.00	8.71 -0.29 0.00	8.43 -0.38 0.00	7.91 -0.40 0.00	6.54 -0.45 0.00	12.79 -1.08 0.00	19.28 -1.80 0.00	20.48 -1.94 0.00	27.49 -2.11 0.00	28.28 -2.16 0.00	22.31 -2.19 0.99	19.12 -1.89 0.00	18.66 -1.35 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	8.08 -0.29 0.00	7.44 -0.20 0.00	0.29 0.00 0.00	5.23 0.01 0.00	5.79 0.02 0.00	8.31 -0.05 0.00	17.14 -0.31 0.00	14.24 -0.40 0.00	11.89 -0.05 0.00	15.41 0.23 0.00	14.90 0.34 0.00	9.74 0.16 0.00	9.13 0.13 0.00	8.66 -0.15 0.00	8.07 -0.24 0.00	6.64 -0.36 0.00	12.96 -0.91 0.00	19.68 -1.40 0.00	21.11 -1.31 0.00	28.59 -1.01 0.00	29.21 -1.23 0.00	22.65 -1.53 1.31	19.69 -1.32 0.00	19.08 -0.93 0.00
ARTHUR KILL_GT_1 23520	8.98 0.60 0.00	8.26 0.63 0.00	0.31 0.02 0.00	5.68 0.46 0.00	6.29 0.52 0.00	9.00 0.64 0.00	18.61 1.16 0.00	15.60 0.96 0.00	12.78 0.84 0.00	16.30 1.12 0.00	15.66 1.10 0.00	10.34 0.75 0.00	9.74 0.74 0.00	9.59 0.77 0.00	9.07 0.76 0.00	7.66 0.67 0.00	15.16 1.30 0.00	22.94 1.86 0.00	24.24 1.82 0.00	31.85 2.25 0.00	32.82 2.37 0.00	27.47 1.98 0.00	22.65 1.64 0.00	21.54 1.53 0.00
ARTHUR_KILL_2 23512	8.96 0.58 0.00	8.24 0.61 0.00	0.31 0.02 0.00	5.67 0.45 0.00	6.28 0.50 0.00	8.98 0.62 0.00	18.56 1.11 0.00	15.57 0.93 0.00	12.75 0.81 0.00	16.26 1.09 0.00	15.63 1.06 0.00	10.32 0.74 0.00	9.73 0.72 0.00	9.57 0.75 0.00	9.06 0.74 0.00	7.64 0.65 0.00	15.13 1.26 0.00	22.88 1.80 0.00	24.17 1.75 0.00	31.76 2.16 0.00	32.74 2.29 0.00	27.39 1.90 0.00	22.59 1.59 0.00	21.49 1.48 0.00
ARTHUR_KILL_3 23513	8.95 0.57 0.00	8.14 0.50 0.00	0.31 0.02 0.00	5.57 0.35 0.00	6.18 0.41 0.00	8.89 0.53 0.00	18.39 0.94 0.00	15.44 0.80 0.00	12.65 0.71 0.00	16.15 0.98 0.00	15.54 0.98 0.00	10.26 0.68 0.00	9.67 0.67 0.00	9.52 0.70 0.00	9.01 0.69 0.00	7.60 0.60 0.00	15.04 1.17 0.00	22.72 1.65 0.00	23.98 1.56 0.00	31.50 1.90 0.00	32.43 1.99 0.00	27.11 1.62 0.00	22.39 1.39 0.00	-289.87 1.29 311.17

ARTHUR_KILL_COGEN 323718	8.98 0.60 0.00	8.26 0.63 0.00	0.31 0.02 0.00	5.68 0.46 0.00	6.29 0.52 0.00	9.00 0.64 0.00	18.61 1.16 0.00	15.61 0.96 0.00	12.78 0.84 0.00	16.30 1.12 0.00	15.66 1.10 0.00	10.34 0.76 0.00	9.74 0.74 0.00	9.59 0.77 0.00	9.07 0.76 0.00	7.66 0.67 0.00	15.16 1.30 0.00	22.94 1.86 0.00	24.24 1.82 0.00	31.85 2.25 0.00	32.83 2.39 0.00	27.47 1.98 0.00	22.65 1.64 0.00	21.54 1.53 0.00
ASHOKAN____ 23654	9.01 0.63 0.00	8.19 0.56 0.00	0.31 0.02 0.00	5.61 0.39 0.00	6.22 0.44 0.00	8.97 0.60 0.00	18.58 1.14 0.00	15.61 0.97 0.00	12.86 0.92 0.00	16.25 1.08 0.00	15.58 1.01 0.00	10.24 0.66 0.00	9.66 0.65 0.00	9.46 0.65 0.00	8.94 0.63 0.00	7.58 0.59 0.00	15.10 1.23 0.00	23.07 1.99 0.00	24.54 2.12 0.00	32.45 2.85 0.00	33.51 3.07 0.00	28.00 2.51 0.00	23.03 2.03 0.00	21.82 1.81 0.00
ASTORIA_EAST_ENERGY_CC1 323581	8.90 0.53 0.01	8.13 0.50 0.01	0.30 0.02 0.01	5.57 0.36 0.01	6.18 0.41 0.01	-5.70 0.53 14.60	18.36 0.91 0.00	15.41 0.77 0.00	12.63 0.70 0.00	16.19 1.01 0.00	15.58 1.01 0.00	10.29 0.71 0.00	9.71 0.70 0.00	9.54 0.73 0.00	9.03 0.72 0.00	7.61 0.62 0.00	15.08 1.21 0.00	22.74 1.67 0.00	23.98 1.55 0.00	31.46 1.85 0.00	32.38 1.93 0.00	27.19 1.70 0.00	22.51 1.50 0.00	21.43 1.41 0.00
ASTORIA_EAST_ENERGY_CC2 323582	8.90 0.53 0.01	8.13 0.50 0.01	0.30 0.02 0.01	5.57 0.36 0.01	6.18 0.41 0.01	-5.70 0.53 14.60	18.36 0.91 0.00	15.41 0.77 0.00	12.63 0.70 0.00	16.19 1.01 0.00	15.58 1.01 0.00	10.29 0.71 0.00	9.70 0.70 0.00	9.54 0.73 0.00	9.03 0.72 0.00	7.61 0.62 0.00	15.08 1.21 0.00	22.74 1.67 0.00	23.98 1.55 0.00	31.46 1.85 0.00	32.38 1.93 0.00	27.19 1.70 0.00	22.51 1.50 0.00	21.43 1.42 0.00
ASTORIA_GT2_1 24094	8.91 0.53 0.00	8.13 0.50 0.01	0.30 0.02 0.01	5.57 0.36 0.01	6.18 0.41 0.01	-5.70 0.53 14.60	18.37 0.92 0.00	15.42 0.78 0.00	12.64 0.70 0.00	16.19 1.02 0.00	15.58 1.02 0.00	10.30 0.71 0.00	9.71 0.71 0.00	9.55 0.73 0.00	9.03 0.72 0.00	7.62 0.62 0.00	15.08 1.21 0.00	22.75 1.68 0.00	23.99 1.56 0.00	31.46 1.86 0.00	32.37 1.92 0.00	27.21 1.71 0.00	22.52 1.52 0.00	21.43 1.42 0.00
ASTORIA_GT2_2 24095	8.91 0.53 0.00	8.13 0.50 0.01	0.30 0.02 0.01	5.57 0.36 0.01	6.18 0.41 0.01	-5.70 0.53 14.60	18.37 0.92 0.00	15.42 0.78 0.00	12.64 0.70 0.00	16.19 1.02 0.00	15.58 1.02 0.00	10.30 0.71 0.00	9.71 0.71 0.00	9.55 0.73 0.00	9.03 0.72 0.00	7.62 0.62 0.00	15.08 1.21 0.00	22.75 1.68 0.00	23.99 1.56 0.00	31.46 1.86 0.00	32.37 1.92 0.00	27.21 1.71 0.00	22.52 1.52 0.00	21.43 1.42 0.00
ASTORIA_GT2_3 24096	8.91 0.53 0.00	8.13 0.50 0.01	0.30 0.02 0.01	5.57 0.36 0.01	6.18 0.41 0.01	-5.70 0.53 14.60	18.37 0.92 0.00	15.42 0.78 0.00	12.64 0.70 0.00	16.19 1.02 0.00	15.58 1.02 0.00	10.30 0.71 0.00	9.71 0.71 0.00	9.55 0.73 0.00	9.03 0.72 0.00	7.62 0.62 0.00	15.08 1.21 0.00	22.75 1.68 0.00	23.99 1.56 0.00	31.46 1.86 0.00	32.37 1.92 0.00	27.21 1.71 0.00	22.52 1.52 0.00	21.43 1.42 0.00
ASTORIA_GT2_4 24097	8.91 0.53 0.00	8.13 0.50 0.01	0.30 0.02 0.01	5.57 0.36 0.01	6.18 0.41 0.01	-5.70 0.53 14.60	18.37 0.92 0.00	15.42 0.78 0.00	12.64 0.70 0.00	16.19 1.02 0.00	15.58 1.02 0.00	10.30 0.71 0.00	9.71 0.71 0.00	9										

ASTORIA_GT4_4 24105	8.91 0.53 0.00	8.13 0.50 0.01	0.30 0.02 0.01	5.57 0.36 0.01	6.18 0.41 0.01	-5.70 0.53 14.60	18.37 0.92 0.00	15.42 0.78 0.00	12.64 0.70 0.00	16.19 1.02 0.00	15.58 1.02 0.00	10.30 0.71 0.00	9.71 0.71 0.00	9.55 0.73 0.00	9.03 0.72 0.00	7.62 0.62 0.00	15.08 1.21 0.00	22.75 1.68 0.00	23.99 1.56 0.00	31.46 1.86 0.00	32.37 1.92 0.00	27.21 1.71 0.00	22.52 1.52 0.00	21.43 1.42 0.00
ASTORIA_GT_1 23523	8.92 0.54 0.00	8.14 0.51 0.01	0.30 0.02 0.01	5.58 0.37 0.01	6.19 0.42 0.01	-5.69 0.54 14.60	18.39 0.94 0.00	15.43 0.79 0.00	12.66 0.72 0.00	16.22 1.04 0.00	15.61 1.04 0.00	10.31 0.73 0.00	9.72 0.72 0.00	9.56 0.74 0.00	9.05 0.73 0.00	7.63 0.63 0.00	15.10 1.23 0.00	22.79 1.71 0.00	24.02 1.60 0.00	31.51 1.92 0.00	32.40 1.96 0.00	27.24 1.75 0.00	22.55 1.54 0.00	21.46 1.45 0.00
ASTORIA_GT_10 24110	8.97 0.59 0.00	8.18 0.55 0.00	0.31 0.02 0.00	5.61 0.39 0.00	6.22 0.45 0.00	8.94 0.57 0.00	18.45 1.00 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.25 1.07 0.00	15.62 1.05 0.00	10.31 0.73 0.00	9.72 0.72 0.00	9.56 0.74 0.00	9.04 0.73 0.00	7.63 0.63 0.00	15.10 1.24 0.00	22.80 1.72 0.00	24.05 1.63 0.00	31.56 1.97 0.00	32.49 2.05 0.00	27.21 1.71 0.00	22.49 1.48 0.00	21.40 1.39 0.00
ASTORIA_GT_11 24225	8.97 0.59 0.00	8.18 0.55 0.00	0.31 0.02 0.00	5.61 0.39 0.00	6.22 0.45 0.00	8.94 0.57 0.00	18.45 1.00 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.25 1.07 0.00	15.62 1.05 0.00	10.31 0.73 0.00	9.72 0.72 0.00	9.56 0.74 0.00	9.04 0.73 0.00	7.63 0.63 0.00	15.10 1.24 0.00	22.80 1.72 0.00	24.05 1.63 0.00	31.56 1.97 0.00	32.49 2.05 0.00	27.21 1.71 0.00	22.49 1.48 0.00	21.40 1.39 0.00
ASTORIA_GT_12 24226	8.97 0.59 0.00	8.18 0.55 0.00	0.31 0.02 0.00	5.61 0.39 0.00	6.22 0.45 0.00	8.94 0.57 0.00	18.45 1.00 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.25 1.07 0.00	15.62 1.05 0.00	10.31 0.73 0.00	9.72 0.72 0.00	9.56 0.74 0.00	9.04 0.73 0.00	7.63 0.63 0.00	15.10 1.24 0.00	22.80 1.72 0.00	24.05 1.63 0.00	31.56 1.97 0.00	32.49 2.05 0.00	27.21 1.71 0.00	22.49 1.48 0.00	21.40 1.39 0.00
ASTORIA_GT_13 24227	8.97 0.59 0.00	8.18 0.55 0.00	0.31 0.02 0.00	5.61 0.39 0.00	6.22 0.45 0.00	8.94 0.57 0.00	18.45 1.00 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.25 1.07 0.00	15.62 1.05 0.00	10.31 0.73 0.00	9.72 0.72 0.00	9.56 0.74 0.00	9.04 0.73 0.00	7.63 0.63 0.00	15.10 1.24 0.00	22.80 1.72 0.00	24.05 1.63 0.00	31.56 1.97 0.00	32.49 2.05 0.00	27.21 1.71 0.00	22.49 1.48 0.00	21.40 1.39 0.00
ASTORIA_GT_5 24106	8.92 0.54 0.00	8.14 0.51 0.01	0.30 0.02 0.01	5.58 0.37 0.01	6.19 0.42 0.01	-5.69 0.54 14.60	18.39 0.94 0.00	15.43 0.79 0.00	12.66 0.72 0.00	16.22 1.04 0.00	15.61 1.04 0.00	10.31 0.73 0.00	9.72 0.72 0.00	9.56 0.74 0.00	9.05 0.73 0.00	7.63 0.63 0.00	15.10 1.23 0.00	22.79 1.71 0.00	24.02 1.60 0.00	31.51 1.92 0.00	32.40 1.96 0.00	27.24 1.75 0.00	22.55 1.54 0.00	21.46 1.45 0.00
ASTORIA_GT_7 24107	8.92 0.54 0.00	8.14 0.51 0.01	0.30 0.02 0.01	5.58 0.37 0.01	6.19 0.42 0.01	-5.69 0.54 14.60	18.39 0.94 0.00	15.43 0.79 0.00	12.66 0.72 0.00	16.22 1.04 0.00	15.61 1.04 0.00	10.31 0.73 0.00	9.72 0.72 0.00	9.56 0.74 										

ATHENS_STG_1 23668	8.68 0.31 0.00	7.91 0.27 0.00	0.30 0.01 0.00	5.42 0.20 0.00	6.00 0.23 0.00	8.66 0.29 0.00	17.91 0.46 0.00	15.00 0.36 0.00	12.23 0.29 0.00	15.54 0.36 0.00	14.91 0.35 0.00	9.83 0.25 0.00	9.26 0.25 0.00	9.08 0.27 0.00	8.58 0.27 0.00	7.23 0.23 0.00	14.33 0.46 0.00	21.76 0.69 0.00	23.10 0.68 0.00	30.39 0.80 0.00	31.31 0.86 0.00	26.20 0.71 0.00	21.66 0.66 0.00	20.63 0.62 0.00
ATHENS_STG_2 23670	8.68 0.31 0.00	7.91 0.27 0.00	0.30 0.01 0.00	5.42 0.20 0.00	6.00 0.23 0.00	8.66 0.29 0.00	17.91 0.46 0.00	15.00 0.36 0.00	12.23 0.29 0.00	15.54 0.36 0.00	14.91 0.35 0.00	9.83 0.25 0.00	9.26 0.25 0.00	9.08 0.27 0.00	8.58 0.27 0.00	7.23 0.23 0.00	14.33 0.46 0.00	21.76 0.69 0.00	23.10 0.68 0.00	30.39 0.80 0.00	31.31 0.86 0.00	26.20 0.71 0.00	21.66 0.66 0.00	20.63 0.62 0.00
ATHENS_STG_3 23677	8.68 0.31 0.00	7.91 0.27 0.00	0.30 0.01 0.00	5.42 0.20 0.00	6.00 0.23 0.00	8.66 0.29 0.00	17.91 0.46 0.00	15.00 0.36 0.00	12.23 0.29 0.00	15.54 0.36 0.00	14.91 0.35 0.00	9.83 0.25 0.00	9.26 0.25 0.00	9.08 0.27 0.00	8.58 0.27 0.00	7.23 0.23 0.00	14.33 0.46 0.00	21.76 0.69 0.00	23.10 0.68 0.00	30.39 0.80 0.00	31.31 0.86 0.00	26.20 0.71 0.00	21.66 0.66 0.00	20.63 0.62 0.00
AUBURN____LFGE 323710	8.38 0.01 0.00	7.64 0.01 0.00	0.29 0.00 0.00	5.24 0.03 0.00	5.81 0.03 0.00	8.40 0.03 0.00	17.49 0.04 0.00	14.57 -0.07 0.00	11.89 -0.05 0.00	15.11 -0.07 0.00	14.49 -0.07 0.00	9.52 -0.06 0.00	8.96 -0.04 0.00	8.75 -0.07 0.00	8.22 -0.09 0.00	6.88 -0.11 0.00	13.60 -0.27 0.00	20.68 -0.40 0.00	21.92 -0.50 0.00	29.23 -0.37 0.00	30.14 -0.30 0.00	27.74 -0.37 -2.61	20.74 -0.27 0.00	19.83 -0.18 0.00
BABYLON_RES_REC 323704	18.14 0.79 -8.98	10.44 0.69 -2.12	6.76 0.03 -6.44	16.18 0.50 -10.46	15.07 0.57 -8.72	21.03 0.77 -11.90	26.99 1.40 -8.14	19.94 1.09 -4.21	21.17 0.97 -8.27	24.00 1.28 -7.53	21.72 1.19 -5.96	26.65 0.83 -16.24	9.76 0.75 0.00	9.61 0.80 0.00	9.60 0.80 -0.49	14.25 0.73 -6.53	15.69 1.41 -0.40	23.11 2.04 0.00	24.38 1.96 0.00	34.85 2.65 -2.60	33.14 2.70 0.00	30.33 2.25 -2.59	27.74 1.98 -4.76	21.66 1.65 0.00
BALL_HILL_WT_PWR 323825	8.08 -0.30 0.00	7.41 -0.22 0.00	0.28 0.00 0.00	5.16 -0.06 0.00	5.71 -0.06 0.00	8.22 -0.15 0.00	17.02 -0.43 0.00	14.11 -0.53 0.00	11.74 -0.20 0.00	15.17 -0.01 0.00	14.65 0.08 0.00	9.59 0.01 0.00	9.01 0.01 0.00	8.66 -0.16 0.00	8.11 -0.21 0.00	6.69 -0.31 0.00	13.07 -0.80 0.00	19.78 -1.30 0.00	21.07 -1.35 0.00	28.40 -1.19 0.00	29.16 -1.29 0.00	22.82 -1.49 1.19	19.77 -1.24 0.00	19.19 -0.83 0.00
BARON_WINDS____WT_PWR 323822	8.21 -0.17 0.00	7.52 -0.12 0.00	0.28 0.00 0.00	5.18 -0.04 0.00	5.74 -0.03 0.00	8.25 -0.11 0.00	17.16 -0.29 0.00	14.17 -0.47 0.00	11.65 -0.29 0.00	14.93 -0.25 0.00	14.23 -0.33 0.00	9.31 -0.27 0.00	8.78 -0.23 0.00	8.46 -0.35 0.00	7.93 -0.39 0.00	6.55 -0.44 0.00	12.88 -0.99 0.00	19.41 -1.66 0.00	20.57 -1.86 0.00	28.08 -1.53 0.00	29.15 -1.29 0.00	21.75 -1.40 2.34	20.02 -0.99 0.00	19.48 -0.53 0.00
BARRETT_IC_1 23704	124.13 0.69 -115.06	82.67 0.61 -74.43	90.40 0.02 -90.09	134.35 0.44 -128.68	114.71 0.51 -108.43	160.95 0.66 -151.92	167.89 1.20 -149.25	134.18 0.94 -118.60	301.99 0.86 -289.19	177.11 1.15 -160.78	181.35 1.09 -165.69	773.36 0.76 -763.02	9.73 0.73 0.00	9.58 0.77 0.00	9.53 0.77 -0.45	13.72 0.68 -6.04	15.56 1.31 -0.38	22.94 1.86 0.00	24.17 1.75 0.00	34.31 2.31 -2.40	32.79 2.34 0.00	29.85 1.96 -2.40	27.13 1.72 -4.40	21.48 1.48 0.00
BARRETT_IC_10 23701	82.81 0.69 -73.75	82.67 0.61 -74.43	82.58 0.02 -82.27	65.04 0.44 -59.38	41.79 0.51 -35.51	58.41 0.66 -49.38	97.78 1.20 -79.13	55.20 0.94 -39.62	295.80 0.86 -283.00	84.05 1.15 -67.72	76.38 1.09 -60.72	773.36 0.76 -763.02	9.73 0.73 0.00	9.58 0.77 0.00	9.53 0.77 -0.45	13.72 0.68 -6.04	15.56 1.31 -0.38	22.94 1.86 0.00	24.17 1.75 0.00	34.31 2.31 -2.40	32.79 2.34 0.00	29.85 1.96 -2.40	27.13 1.72 -4.40	21.48 1.48 0.00
BARRETT_IC_11 23702	82.81 0.69 -73.75	82.67 0.61 -74.43	82.58 0.02 -82.27	65.04 0.44 -59.38	41.79 0.51 -35.51	58.41 0.66 -49.38	97.78 1.20 -79.13	55.20 0.94 -39.62	295.80 0.86 -283.00	84.05 1.15 -67.72	76.38 1.09 -60.72	773.36 0.76 -763.02	9.73 0.73 0.00	9.58 0.77 0.00	9.53 0.77 -0.45	13.72 0.68 -6.04	15.56 1.31 -0.38	22.94 1.86 0.00	24.17 1.75 0.00	34.31 2.31 -2.40	32.79 2.34 0.00	29.85 1.96 -2.40	27.13 1.72 -4.40	21.48 1.48 0.00
BARRETT_IC_12 23703	82.81 0.69 -73.75	82.67 0.61 -74.43	82.58 0.02 -82.27	65.04 0.44 -59.38	41.79 0.51 -35.51	58.41 0.66 -49.38	97.78 1.20 -79.13	55.20 0.94 -39.62	295.80 0.86 -283.00	84.05 1.15 -67.72	76.38 1.09 -60.72	773.36 0.76 -763.02	9.73 0.73 0.00	9.58 0.77 0.00	9.53 0.77 -0.45	13.72 0.68 -6.04	15.56 1.31 -0.38	22.94 1.86 0.00	24.17 1.75 0.00	34.31 2.31 -2.40	32.79 2.34 0.00	29.85 1.96 -2.40	27.13 1.72 -4.40	21.48 1.48 0.00
BARRETT_IC_2 23705	124.13 0.69 -115.06	82.67 0.61 -74.43	90.40 0.02 -90.09	134.35 0.44 -128.68	114.71 0.51 -108.43	160.95 0.66 -151.92	167.89 1.20 -149.25	134.18 0.94 -118.60	301.99 0.86 -289.19	177.11 1.15 -160.78	181.35 1.09 -165.69	773.36 0.76 -763.02	9.73 0.73 0.00	9.58 0.77 0.00	9.53 0.77 -0.45	13.72 0.68 -6.04	15.56 1.31 -0.38	22.94 1.86 0.00	24.17 1.75 0.00	34.31 2.31 -2.40	32.79 2.34 0.00	29.85 1.96 -2.40	27.13 1.72 -4.40	21.48 1.48 0.00
BARRETT_IC_3 23706	124.13 0.69 -115.06	82.67 0.61 -74.43	90.40 0.02 -90.09	134.35 0.44 -128.68	114.71 0.51 -108.43	160.95 0.66 -151.92	167.89 1.20 -149.25	134.18 0.94 -118.60	301.99 0.86 -289.19	177.11 1.15 -160.78	181.35 1.09 -165.69	773.36 0.76 -763.02	9.73 0.73 0.00	9.58 0.77 0.00	9.53 0.77 -0.45	13.72 0.68 -6.04	15.56 1.31 -0.38	22.94 1.86 0.00	24.17 1.75 0.00	34.31 2.31 -2.40	32.79 2.34 0.00	29.85 1.96 -2.40	27.13 1.72 -4.40	21.48 1.48 0.00
BARRETT_IC_4 23707	124.13 0.69 -115.06	82.67 0.61 -74.43	90.40 0.02 -90.09	134.35 0.44 -128.68	114.71 0.51 -108.43	160.95 0.66 -151.92	167.89 1.20 -149.25	134.18 0.94 -118.60	301.99 0.86 -289.19	177.11 1.15 -160.78	181.35 1.09 -165.69	773.36 0.76 -763.02	9.73 0.73 0.00	9.58 0.77 0.00	9.53 0.77 -0.45	13.72 0.68 -6.04	15.56 1.31 -0.38	22.94 1.86 0.00	24.17 1.75 0.00	34.31 2.31 -2.40	32.79 2.34 0.00	29.85 1.96 -2.40	27.13 1.72 -4.40	21.48 1.48 0.00
BARRETT_IC_5 23708	124.13 0.69 -115.06	82.67 0.61 -74.43	90.40 0.02 -90.09	134.35 0.44 -128.68	114.71 0.51 -108.43	160.95 0.66 -151.92	167.89 1.20 -149.25	134.18 0.94 -118.60	301.99 0.86 -289.19	177.11 1.15 -160.78	181.35 1.09 -165.69	773.36 0.76 -763.02	9.73 0.73 0.00	9.58 0.77 0.00	9.53 0.77 -0.45	13.72 0.68 -6.04	15.56 1.31 -0.38	22.94 1.86 0.00	24.17 1.75 0.00	34.31 2.31 -2.40	32.79 2.34 0.00	29.85 1.96 -2.40	27.13 1.72 -4.40	21.48 1.48 0.00

BARRETT_IC_6 23709	124.13 0.69 -115.06	82.67 0.61 -74.43	90.40 0.02 -90.09	134.35 0.44 -128.68	114.71 0.51 -108.43	160.95 0.66 -151.92	167.89 1.20 -149.25	134.18 0.94 -118.60	301.99 0.86 -289.19	177.11 1.15 -160.78	181.35 1.09 -165.69	773.36 0.76 -763.02	9.73 0.73 0.00	9.58 0.77 0.00	9.53 0.77 -0.45	13.72 0.68 -6.04	15.56 1.31 -0.38	22.94 1.86 0.00	24.17 1.75 0.00	34.31 2.31 -2.40	32.79 2.34 0.00	29.85 1.96 -2.40	27.13 1.72 -4.40	21.48 1.48 0.00
BARRETT_IC_7 23710	124.13 0.69 -115.06	82.68 0.62 -74.43	90.40 0.02 -90.09	134.34 0.44 -128.68	114.70 0.51 -108.42	160.96 0.67 -151.92	167.89 1.20 -149.25	134.18 0.94 -118.60	301.99 0.86 -289.19	177.11 1.15 -160.78	181.35 1.10 -165.69	773.36 0.76 -763.02	9.73 0.73 0.00	9.58 0.77 0.00	9.53 0.77 -0.45	13.72 0.68 -6.04	15.56 1.31 -0.38	22.94 1.86 0.00	24.17 1.74 0.00	34.31 2.31 -2.40	32.78 2.33 0.00	29.85 1.96 -2.40	27.13 1.72 -4.40	21.48 1.48 0.00
BARRETT_IC_8 23711	124.13 0.69 -115.06	82.67 0.61 -74.43	90.40 0.02 -90.09	134.35 0.44 -128.68	114.71 0.51 -108.43	160.95 0.66 -151.92	167.89 1.20 -149.25	134.18 0.94 -118.60	301.99 0.86 -289.19	177.11 1.15 -160.78	181.35 1.09 -165.69	773.36 0.76 -763.02	9.73 0.73 0.00	9.58 0.77 0.00	9.53 0.77 -0.45	13.72 0.68 -6.04	15.56 1.31 -0.38	22.94 1.86 0.00	24.17 1.75 0.00	34.31 2.31 -2.40	32.79 2.34 0.00	29.85 1.96 -2.40	27.13 1.72 -4.40	21.48 1.48 0.00
BARRETT_IC_9 23700	82.81 0.69 -73.75	82.67 0.61 -74.43	82.58 0.02 -82.27	65.04 0.44 -59.38	41.79 0.51 -35.51	58.41 0.66 -49.38	97.78 1.20 -79.13	55.20 0.94 -39.62	295.80 0.86 -283.00	84.05 1.15 -67.72	76.38 1.09 -60.72	773.36 0.76 -763.02	9.73 0.73 0.00	9.58 0.77 0.00	9.53 0.77 -0.45	13.72 0.68 -6.04	15.56 1.31 -0.38	22.94 1.86 0.00	24.17 1.75 0.00	34.31 2.31 -2.40	32.79 2.34 0.00	29.85 1.96 -2.40	27.13 1.72 -4.40	21.48 1.48 0.00
BARRETT___1 23545	124.13 0.69 -115.06	82.67 0.61 -74.43	90.40 0.02 -90.09	134.35 0.44 -128.68	114.71 0.51 -108.43	160.95 0.66 -151.92	167.89 1.20 -149.25	134.18 0.94 -118.60	301.99 0.86 -289.19	177.11 1.15 -160.78	181.35 1.09 -165.69	773.36 0.76 -763.02	9.73 0.73 0.00	9.58 0.77 0.00	9.53 0.77 -0.45	13.72 0.68 -6.04	15.56 1.31 -0.38	22.94 1.86 0.00	24.17 1.75 0.00	34.31 2.31 -2.40	32.79 2.34 0.00	29.85 1.96 -2.40	27.13 1.72 -4.40	21.48 1.48 0.00
BARRETT___2 23546	82.81 0.69 -73.75	82.67 0.61 -74.43	82.58 0.02 -82.27	65.04 0.44 -59.38	41.79 0.51 -35.51	58.41 0.66 -49.38	97.78 1.20 -79.13	55.20 0.94 -39.62	295.80 0.86 -283.00	84.05 1.15 -67.72	76.38 1.09 -60.72	773.36 0.76 -763.02	9.73 0.73 0.00	9.58 0.77 0.00	9.53 0.77 -0.45	13.72 0.68 -6.04	15.56 1.31 -0.38	22.94 1.86 0.00	24.17 1.75 0.00	34.31 2.31 -2.40	32.79 2.34 0.00	29.85 1.96 -2.40	27.13 1.72 -4.40	21.48 1.48 0.00
BATAVIA__115KV_TB1 55881	8.17 -0.21 0.00	7.47 -0.16 0.00	0.28 0.00 0.00	5.17 -0.05 0.00	5.73 -0.05 0.00	8.27 -0.09 0.00	17.33 -0.11 0.00	14.33 -0.32 0.00	11.76 -0.18 0.00	15.01 -0.17 0.00	14.46 -0.10 0.00	9.48 -0.11 0.00	8.94 -0.06 0.00	8.66 -0.16 0.00	8.11 -0.20 0.00	6.77 -0.22 0.00	13.43 -0.44 0.00	19.98 -1.10 0.00	21.41 -1.01 0.00	28.97 -0.63 0.00	29.84 -0.61 0.00	23.85 -0.88 0.76	20.18 -0.83 0.00	19.53 -0.48 0.00
BAYONEEC___CTG1 323682	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.20 0.43 0.00	8.92 0.55 0.00	18.44 0.99 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.20 1.03 0.00	15.59 1.02 0.00	10.29 0.71 0.00	9.71 0.70 0.00	9.54 0.73 0.00	9.03 0.72 0.00	7.62 0.62 0.00	15.08 1.21 0.00	22.79 1.71 0.00	24.05 1.63 0.00	31.59 1.99 0.00	32.53 2.08 0.00	27.20 1.71 0.00	22.47 1.46 0.00	21.37 1.36 0.00
BAYONEEC___CTG10 323750	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.20 0.43 0.00	8.92 0.55 0.00	18.44 0.99 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.20 1.03 0.00	15.59 1.02 0.00	10.29 0.71 0.00	9.71 0.70 0.00	9.54 0.73 0.00	9.03 0.72 0.00	7.62 0.62 0.00	15.08 1.21 0.00	22.79 1.71 0.00	24.05 1.63 0.00	31.59 1.99 0.00	32.53 2.08 0.00	27.20 1.71 0.00	22.47 1.46 0.00	21.37 1.36 0.00
BAYONEEC___CTG2 323683	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.20 0.43 0.00	8.92 0.55 0.00	18.44 0.99 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.20 1.03 0.00	15.59 1.02 0.00	10.29 0.71 0.00	9.71 0.70 0.00	9.54 0.73 0.00	9.03 0.72 0.00	7.62 0.62 0.00	15.08 1.21 0.00	22.79 1.71 0.00	24.05 1.63 0.00	31.59 1.99 0.00	32.53 2.08 0.00	27.20 1.71 0.00	22.47 1.46 0.00	21.37 1.36 0.00
BAYONEEC___CTG3 323684	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.20 0.43 0.00	8.92 0.55 0.00	18.44 0.99 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.20 1.03 0.00	15.59 1.02 0.00	10.29 0.71 0.00	9.71 0.70 0.00	9.54 0.73 0.00	9.03 0.72 0.00	7.62 0.62 0.00	15.08 1.21 0.00	22.79 1.71 0.00	24.05 1.63 0.00	31.59 1.99 0.00	32.53 2.08 0.00	27.20 1.71 0.00	22.47 1.46 0.00	21.37 1.36 0.00
BAYONEEC___CTG4 323685	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.20 0.43 0.00	8.92 0.55 0.00	18.44 0.99 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.20 1.03 0.00	15.59 1.02 0.00	10.29 0.71 0.00	9.71 0.70 0.00	9.54 0.73 0.00	9.03 0.72 0.00	7.62 0.62 0.00	15.08 1.21 0.00	22.79 1.71 0.00	24.05 1.63 0.00	31.59 1.99 0.00	32.53 2.08 0.00	27.20 1.71 0.00	22.47 1.46 0.00	21.37 1.36 0.00
BAYONEEC___CTG5 323686	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.20 0.43 0.00	8.92 0.55 0.00	18.44 0.99 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.20 1.03 0.00	15.59 1.02 0.00	10.29 0.71 0.00	9.71 0.70 0.00	9.54 0.73 0.00	9.03 0.72 0.00	7.62 0.62 0.00	15.08 1.21 0.00	22.79 1.71 0.00	24.05 1.63 0.00	31.59 1.99 0.00	32.53 2.08 0.00	27.20 1.71 0.00	22.47 1.46 0.00	21.37 1.36 0.00
BAYONEEC___CTG6 323687	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.20 0.43 0.00	8.92 0.55 0.00	18.44 0.99 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.20 1.03 0.00	15.59 1.02 0.00	10.29 0.71 0.00	9.71 0.70 0.00	9.54 0.73 0.00	9.03 0.72 0.00	7.62 0.62 0.00	15.08 1.21 0.00	22.79 1.71 0.00	24.05 1.63 0.00	31.59 1.99 0.00	32.53 2.08 0.00	27.20 1.71 0.00	22.47 1.46 0.00	21.37 1.36 0.00
BAYONEEC___CTG7 323688	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.20 0.43 0.00	8.92 0.55 0.00	18.44 0.99 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.20 1.03 0.00	15.59 1.02 0.00	10.29 0.71 0.00	9.71 0.70 0.00	9.54 0.73 0.00	9.03 0.72 0.00	7.62 0.62 0.00	15.08 1.21 0.00	22.79 1.71 0.00	24.05 1.63 0.00	31.59 1.99 0.00	32.53 2.08 0.00	27.20 1.71 0.00	22.47 1.46 0.00	21.37 1.36 0.00

BAYONEEC___CTG8 323689	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.20 0.43 0.00	8.92 0.55 0.00	18.44 0.99 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.20 1.03 0.00	15.59 1.02 0.00	10.29 0.71 0.00	9.71 0.70 0.00	9.54 0.73 0.00	9.03 0.72 0.00	7.62 0.62 0.00	15.08 1.21 0.00	22.79 1.71 0.00	24.05 1.63 0.00	31.59 1.99 0.00	32.53 2.08 0.00	27.20 1.71 0.00	22.47 1.46 0.00	21.37 1.36 0.00
BAYONEEC___CTG9 323749	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.20 0.43 0.00	8.92 0.55 0.00	18.44 0.99 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.20 1.03 0.00	15.59 1.02 0.00	10.29 0.71 0.00	9.71 0.70 0.00	9.54 0.73 0.00	9.03 0.72 0.00	7.62 0.62 0.00	15.08 1.21 0.00	22.79 1.71 0.00	24.05 1.63 0.00	31.59 1.99 0.00	32.53 2.08 0.00	27.20 1.71 0.00	22.47 1.46 0.00	21.37 1.36 0.00
BEACON___LESR 323632	8.71 0.33 0.00	7.93 0.29 0.00	0.30 0.02 0.00	5.42 0.20 0.00	6.01 0.23 0.00	8.67 0.30 0.00	17.87 0.42 0.00	14.94 0.30 0.00	12.16 0.22 0.00	15.42 0.25 0.00	14.76 0.19 0.00	9.72 0.13 0.00	9.16 0.16 0.00	9.00 0.18 0.00	8.48 0.17 0.00	7.15 0.15 0.00	14.21 0.34 0.00	21.61 0.54 0.00	22.97 0.55 0.00	30.24 0.64 0.00	31.16 0.71 0.00	26.00 0.51 0.00	21.56 0.55 0.00	20.47 0.46 0.00
BEAVER RIVER___HYD 24048	8.46 0.08 0.00	7.66 0.03 0.00	0.29 0.00 0.00	5.14 -0.08 0.00	5.62 -0.15 0.00	8.02 -0.34 0.00	16.72 -0.73 0.00	13.98 -0.66 0.00	11.34 -0.60 0.00	14.25 -0.93 0.00	13.73 -0.84 0.00	9.02 -0.56 0.00	8.36 -0.65 0.00	8.14 -0.67 0.00	7.65 -0.67 0.00	6.42 -0.58 0.00	12.79 -1.08 0.00	20.06 -1.02 0.00	21.74 -0.68 0.00	28.71 -0.88 0.00	29.76 -0.69 0.00	24.61 -0.88 0.00	20.17 -0.84 0.00	19.10 -0.92 0.00
BEEBEE_GT_13 23619	8.19 -0.19 0.00	7.48 -0.16 0.00	0.28 -0.01 0.00	5.16 -0.06 0.00	5.71 -0.07 0.00	8.24 -0.12 0.00	17.21 -0.24 0.00	14.30 -0.35 0.00	11.74 -0.20 0.00	15.02 -0.16 0.00	14.48 -0.09 0.00	9.50 -0.08 0.00	8.94 -0.06 0.00	8.70 -0.12 0.00	8.17 -0.14 0.00	6.80 -0.20 0.00	13.34 -0.52 0.00	20.27 -0.81 0.00	21.61 -0.82 0.00	28.84 -0.76 0.00	29.66 -0.79 0.00	24.11 -0.93 0.46	20.19 -0.81 0.00	19.42 -0.59 0.00
BENSHRST_27_KV_BENSHRST_1 355998	9.02 0.65 0.00	8.24 0.61 0.00	0.31 0.02 0.00	5.65 0.43 0.00	6.26 0.49 0.00	9.00 0.63 0.00	18.61 1.16 0.00	15.62 0.98 0.00	12.81 0.87 0.00	16.36 1.18 0.00	15.72 1.16 0.00	10.38 0.80 0.00	9.79 0.79 0.00	9.63 0.81 0.00	9.11 0.80 0.00	7.69 0.70 0.00	15.23 1.36 0.00	23.01 1.93 0.00	24.30 1.87 0.00	31.92 2.32 0.00	32.88 2.43 0.00	27.51 2.02 0.00	22.69 1.68 0.00	21.57 1.57 0.00
BETHLEHEM___GRP 23843	8.60 0.22 0.00	7.84 0.21 0.00	0.30 0.01 0.00	5.36 0.15 0.00	5.94 0.17 0.00	8.56 0.20 0.00	17.61 0.16 0.00	14.73 0.09 0.00	11.98 0.04 0.00	15.19 0.01 0.00	14.56 -0.01 0.00	9.59 0.01 0.00	9.03 0.03 0.00	8.86 0.05 0.00	8.37 0.05 0.00	7.04 0.05 0.00	13.95 0.08 0.00	21.17 0.10 0.00	22.51 0.09 0.00	29.63 0.03 0.00	30.51 0.06 0.00	25.55 0.05 0.00	21.19 0.19 0.00	20.17 0.16 0.00
BETHLEHEM___GS1 323560	8.60 0.22 0.00	7.84 0.21 0.00	0.30 0.01 0.00	5.36 0.15 0.00	5.94 0.17 0.00	8.56 0.20 0.00	17.61 0.16 0.00	14.74 0.09 0.00	11.98 0.04 0.00	15.19 0.01 0.00	14.56 -0.01 0.00	9.59 0.01 0.00	9.03 0.03 0.00	8.86 0.05 0.00	8.36 0.05 0.00	7.04 0.05 0.00	13.95 0.08 0.00	21.17 0.09 0.00	22.51 0.09 0.00	29.63 0.03 0.00	30.51 0.07 0.00	25.55 0.05 0.00	21.19 0.18 0.00	20.17 0.16 0.00
BETHLEHEM___GS2 323561	8.60 0.22 0.00	7.84 0.21 0.00	0.30 0.01 0.00	5.36 0.15 0.00	5.94 0.17 0.00	8.56 0.20 0.00	17.61 0.16 0.00	14.74 0.09 0.00	11.98 0.04 0.00	15.19 0.01 0.00	14.56 -0.01 0.00	9.59 0.01 0.00	9.03 0.03 0.00	8.86 0.05 0.00	8.36 0.05 0.00	7.04 0.05 0.00	13.95 0.08 0.00	21.17 0.09 0.00	22.51 0.09 0.00	29.63 0.03 0.00	30.51 0.07 0.00	25.55 0.05 0.00	21.19 0.18 0.00	20.17 0.16 0.00
BETHLEHEM___GS3 323562	8.60 0.22 0.00	7.84 0.21 0.00	0.30 0.01 0.00	5.36 0.15 0.00	5.94 0.17 0.00	8.56 0.20 0.00	17.61 0.16 0.00	14.74 0.09 0.00	11.98 0.04 0.00	15.19 0.01 0.00	14.56 -0.01 0.00	9.59 0.01 0.00	9.03 0.03 0.00	8.86 0.05 0.00	8.36 0.05 0.00	7.04 0.05 0.00	13.95 0.08 0.00	21.17 0.09 0.00	22.51 0.09 0.00	29.63 0.03 0.00	30.51 0.07 0.00	25.55 0.05 0.00	21.19 0.18 0.00	20.17 0.16 0.00
BETHLEHEM___STEEL 23779	8.06 -0.31 0.00	7.38 -0.25 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.67 -0.11 0.00	8.15 -0.21 0.00	16.99 -0.46 0.00	14.08 -0.56 0.00	11.68 -0.26 0.00	15.05 -0.13 0.00	14.53 -0.04 0.00	9.52 -0.06 0.00	8.96 -0.04 0.00	8.64 -0.18 0.00	8.10 -0.21 0.00	6.70 -0.29 0.00	13.10 -0.77 0.00	19.79 -1.28 0.00	21.06 -1.36 0.00	28.35 -1.25 0.00	29.17 -1.28 0.00	22.81 -1.50 1.18	19.75 -1.26 0.00	19.17 -0.84 0.00
BETHLHEM_115KV_TB1 79974	8.61 0.23 0.00	7.85 0.21 0.00	0.30 0.01 0.00	5.37 0.15 0.00	5.95 0.17 0.00	8.57 0.20 0.00	17.65 0.20 0.00	14.76 0.12 0.00	12.01 0.08 0.00	15.23 0.05 0.00	14.60 0.03 0.00	9.62 0.04 0.00	9.06 0.06 0.00	8.89 0.07 0.00	8.39 0.07 0.00	7.06 0.07 0.00	13.99 0.12 0.00	21.23 0.15 0.00	22.57 0.15 0.00	29.71 0.12 0.00	30.60 0.16 0.00	25.63 0.13 0.00	21.24 0.24 0.00	20.22 0.21 0.00
BETHPAGE_CC_5 323564	21.64 0.76 -12.50	12.74 0.67 -4.44	9.36 0.03 -9.04	19.21 0.48 -13.51	17.47 0.56 -11.14	24.93 0.74 -15.82	31.22 1.36 -12.42	22.99 1.05 -7.30	30.62 0.95 -17.73	28.37 1.27 -11.92	26.08 1.19 -10.33	50.93 0.82 -40.52	9.77 0.76 0.00	9.62 0.81 0.00	9.64 0.81 -0.52	14.64 0.73 -6.92	15.70 1.40 -0.43	23.10 2.02 0.00	24.32 1.90 0.00	34.89 2.54 -2.75	33.03 2.58 0.00	30.38 2.14 -2.75	27.94 1.90 -5.04	21.64 1.63 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	8.09 -0.29 0.00	7.41 -0.23 0.00	0.28 -0.01 0.00	5.13 -0.09 0.00	5.68 -0.10 0.00	8.18 -0.18 0.00	17.04 -0.40 0.00	14.13 -0.51 0.00	11.72 -0.22 0.00	15.10 -0.07 0.00	14.58 0.02 0.00	9.55 -0.03 0.00	8.99 -0.01 0.00	8.66 -0.15 0.00	8.13 -0.18 0.00	6.72 -0.27 0.00	13.14 -0.72 0.00	19.86 -1.22 0.00	21.12 -1.30 0.00	28.45 -1.15 0.00	29.27 -1.18 0.00	22.87 -1.42 1.21	19.82 -1.19 0.00	19.23 -0.78 0.00
BINGHAMTON___COGEN 23790	8.44 0.06 0.00	7.70 0.06 0.00	0.29 0.00 0.00	5.29 0.07 0.00	5.86 0.09 0.00	8.46 0.09 0.00	17.54 0.09 0.00	14.60 -0.05 0.00	11.94 0.00 0.00	15.21 0.04 0.00	14.62 0.05 0.00	9.61 0.03 0.00	9.04 0.03 0.00	8.80 -0.02 0.00	8.33 0.01 0.00	6.98 -0.01 0.00	13.78 -0.08 0.00	21.03 -0.04 0.00	22.61 0.19 0.00	30.00 0.40 0.00	30.92 0.47 0.00	25.19 0.27 0.58	21.23 0.22 0.00	20.11 0.10 0.00

BIXINCNT_115KV_LOAD 355685	8.21 -0.17 0.00	7.51 -0.12 0.00	0.28 -0.01 0.00	5.18 -0.04 0.00	5.76 -0.02 0.00	8.30 -0.06 0.00	17.27 -0.18 0.00	14.32 -0.32 0.00	11.89 -0.05 0.00	15.32 0.15 0.00	14.77 0.21 0.00	9.66 0.08 0.00	9.10 0.09 0.00	8.75 -0.07 0.00	8.20 -0.11 0.00	6.76 -0.23 0.00	13.11 -0.76 0.00	19.74 -1.34 0.00	21.12 -1.30 0.00	28.64 -0.95 0.00	29.59 -0.85 0.00	22.88 -1.24 1.37	20.06 -0.94 0.00	19.46 -0.55 0.00
BLACK RIVER___HYD 24047	8.51 0.14 0.00	7.71 0.07 0.00	0.29 0.00 0.00	5.16 -0.06 0.00	5.64 -0.13 0.00	8.06 -0.30 0.00	16.80 -0.65 0.00	14.02 -0.62 0.00	11.35 -0.59 0.00	14.18 -0.99 0.00	13.65 -0.91 0.00	8.97 -0.61 0.00	8.31 -0.70 0.00	8.11 -0.71 0.00	7.61 -0.70 0.00	6.37 -0.62 0.00	12.69 -1.18 0.00	19.91 -1.17 0.00	21.67 -0.76 0.00	28.70 -0.89 0.00	29.84 -0.61 0.00	24.69 -0.80 0.00	20.25 -0.76 0.00	19.17 -0.84 0.00
BLACKRVR_115KV_TB2 79977	8.51 0.14 0.00	7.71 0.07 0.00	0.29 0.00 0.00	5.16 -0.06 0.00	5.64 -0.13 0.00	8.06 -0.30 0.00	16.80 -0.65 0.00	14.02 -0.62 0.00	11.35 -0.59 0.00	14.18 -0.99 0.00	13.65 -0.91 0.00	8.97 -0.61 0.00	8.31 -0.70 0.00	8.11 -0.71 0.00	7.61 -0.70 0.00	6.37 -0.62 0.00	12.69 -1.18 0.00	19.91 -1.17 0.00	21.67 -0.75 0.00	28.70 -0.90 0.00	29.84 -0.61 0.00	24.69 -0.80 0.00	20.25 -0.76 0.00	19.17 -0.84 0.00
BLDWN_LI_69_KV_BK4 356085	49.25 0.76 -40.11	31.07 0.67 -22.77	30.45 0.02 -30.13	48.20 0.48 -42.51	41.71 0.55 -35.39	60.19 0.73 -51.10	67.17 1.33 -48.38	51.48 1.04 -35.80	102.90 0.91 -90.05	66.97 1.24 -50.55	65.95 1.18 -50.21	240.93 0.79 -230.57	9.77 0.76 0.00	9.62 0.81 0.00	9.70 0.80 -0.58	15.45 0.72 -7.75	15.74 1.39 -0.48	23.10 2.02 0.00	24.36 1.93 0.00	35.27 2.59 -3.08	33.07 2.62 0.00	30.76 2.20 -3.08	28.57 1.91 -5.65	21.64 1.63 0.00
BLISS_WT_PWR 323608	8.20 -0.17 0.00	7.51 -0.13 0.00	0.28 -0.01 0.00	5.17 -0.05 0.00	5.74 -0.03 0.00	8.29 -0.07 0.00	17.26 -0.18 0.00	14.32 -0.33 0.00	11.89 -0.05 0.00	15.31 0.14 0.00	14.76 0.20 0.00	9.65 0.07 0.00	9.09 0.09 0.00	8.74 -0.08 0.00	8.20 -0.11 0.00	6.74 -0.25 0.00	13.04 -0.83 0.00	19.63 -1.44 0.00	21.04 -1.38 0.00	28.60 -1.00 0.00	29.54 -0.91 0.00	22.83 -1.29 1.37	20.03 -0.97 0.00	19.42 -0.59 0.00
BLUESTONE___WT_PWR 323821	8.74 0.36 0.00	7.96 0.33 0.00	0.27 -0.02 0.00	5.36 0.14 0.00	6.00 0.23 0.00	8.73 0.36 0.00	18.18 0.73 0.00	15.14 0.49 0.00	12.32 0.39 0.00	15.59 0.41 0.00	14.79 0.23 0.00	9.67 0.09 0.00	9.11 0.11 0.00	8.86 0.05 0.00	8.42 0.11 0.00	7.04 0.05 0.00	13.94 0.07 0.00	21.36 0.29 0.00	23.02 0.60 0.00	31.05 1.45 0.00	32.11 1.66 0.00	29.55 1.20 -2.86	22.04 1.04 0.00	20.91 0.90 0.00
BLUE_CIRC_CHEM_DRP 24182	8.66 0.29 0.00	7.90 0.27 0.00	0.30 0.01 0.00	5.41 0.19 0.00	5.99 0.21 0.00	8.65 0.28 0.00	17.84 0.40 0.00	14.88 0.24 0.00	12.05 0.11 0.00	15.26 0.09 0.00	14.63 0.07 0.00	9.64 0.06 0.00	9.08 0.07 0.00	8.91 0.09 0.00	8.40 0.09 0.00	7.07 0.08 0.00	14.03 0.17 0.00	21.35 0.27 0.00	22.74 0.32 0.00	30.03 0.44 0.00	30.96 0.51 0.00	25.91 0.42 0.00	21.43 0.42 0.00	20.41 0.40 0.00
BOC_GAS_DRP 24189	8.61 0.23 0.00	7.85 0.21 0.00	0.30 0.01 0.00	5.37 0.16 0.00	5.95 0.18 0.00	8.58 0.22 0.00	17.75 0.30 0.00	14.85 0.21 0.00	12.10 0.16 0.00	15.35 0.17 0.00	14.72 0.15 0.00	9.70 0.11 0.00	9.13 0.13 0.00	8.95 0.14 0.00	8.45 0.14 0.00	7.11 0.12 0.00	14.09 0.23 0.00	21.40 0.33 0.00	22.74 0.32 0.00	29.95 0.35 0.00	30.85 0.40 0.00	25.82 0.33 0.00	21.36 0.36 0.00	20.34 0.33 0.00
BOONVILLE_115KV_TB1 79983	8.57 0.19 0.00	7.78 0.15 0.00	0.29 0.01 0.00	5.28 0.06 0.00	5.82 0.05 0.00	8.36 0.00 0.00	17.40 -0.05 0.00	14.53 -0.11 0.00	11.80 -0.13 0.00	14.91 -0.27 0.00	14.32 -0.24 0.00	9.42 -0.16 0.00	8.80 -0.21 0.00	8.60 -0.22 0.00	8.08 -0.23 0.00	6.79 -0.21 0.00	13.50 -0.37 0.00	20.87 -0.21 0.00	22.42 0.00 0.00	29.65 0.05 0.00	30.61 0.16 0.00	25.44 -0.05 0.00	20.92 -0.08 0.00	19.88 -0.13 0.00
BORALEX_4TH_BRANCH 23824	8.78 0.40 0.00	8.00 0.37 0.00	0.30 0.01 0.00	5.44 0.22 0.00	6.05 0.28 0.00	8.77 0.40 0.00	18.14 0.69 0.00	15.17 0.52 0.00	12.29 0.35 0.00	15.51 0.34 0.00	14.91 0.34 0.00	9.85 0.27 0.00	9.26 0.26 0.00	9.09 0.28 0.00	8.59 0.28 0.00	7.21 0.21 0.00	14.43 0.56 0.00	22.15 1.07 0.00	23.61 1.18 0.00	30.99 1.40 0.00	32.03 1.58 0.00	26.70 1.21 0.00	22.22 1.22 0.00	21.24 1.23 0.00
BOWLINE___1 23526	8.86 0.49 0.00	8.06 0.43 0.00	0.30 0.02 0.00	5.53 0.31 0.00	6.13 0.35 0.00	8.82 0.45 0.00	18.25 0.80 0.00	15.34 0.70 0.00	12.55 0.61 0.00	15.98 0.80 0.00	15.34 0.77 0.00	10.13 0.55 0.00	9.56 0.55 0.00	9.39 0.58 0.00	8.89 0.58 0.00	7.51 0.51 0.00	14.88 1.01 0.00	22.56 1.48 0.00	23.83 1.42 0.00	31.33 1.73 0.00	32.29 1.85 0.00	27.01 1.51 0.00	22.32 1.31 0.00	21.21 1.20 0.00
BOWLINE___2 23595	8.86 0.49 0.00	8.06 0.43 0.00	0.30 0.02 0.00	5.53 0.31 0.00	6.13 0.35 0.00	8.82 0.45 0.00	18.26 0.81 0.00	15.34 0.70 0.00	12.56 0.62 0.00	15.98 0.80 0.00	15.35 0.78 0.00	10.13 0.55 0.00	9.56 0.56 0.00	9.39 0.58 0.00	8.90 0.58 0.00	7.51 0.52 0.00	14.89 1.02 0.00	22.56 1.49 0.00	23.85 1.43 0.00	31.34 1.74 0.00	32.30 1.86 0.00	27.03 1.53 0.00	22.32 1.31 0.00	21.22 1.21 0.00
BRADY___115KV_TB2 356060	8.32 -0.06 0.00	7.58 -0.05 0.00	0.28 0.00 0.00	5.14 -0.08 0.00	5.68 -0.09 0.00	8.30 -0.07 0.00	17.38 -0.07 0.00	14.57 -0.07 0.00	11.86 -0.07 0.00	15.08 -0.10 0.00	14.47 -0.10 0.00	9.48 -0.10 0.00	8.87 -0.13 0.00	8.66 -0.16 0.00	8.16 -0.15 0.00	6.92 -0.08 0.00	13.83 -0.04 0.00	21.14 0.07 0.00	22.55 0.13 0.00	29.98 0.38 0.00	31.01 0.57 0.00	25.95 0.46 0.00	21.17 0.16 0.00	20.02 0.00 0.00
BRANSCOMB___SOLAR 323811	8.81 0.44 0.00	8.02 0.39 0.00	0.30 0.01 0.00	5.48 0.26 0.00	6.09 0.31 0.00	8.82 0.46 0.00	18.30 0.85 0.00	15.26 0.62 0.00	12.31 0.37 0.00	15.54 0.36 0.00	14.90 0.33 0.00	9.81 0.23 0.00	9.24 0.23 0.00	9.04 0.22 0.00	8.52 0.21 0.00	7.17 0.17 0.00	14.30 0.43 0.00	21.84 0.76 0.00	23.35 0.93 0.00	30.83 1.23 0.00	31.80 1.35 0.00	26.55 1.05 0.00	21.98 0.97 0.00	20.91 0.90 0.00
BRDGHMPT_69_KV_BK1 55812	12.12 0.81 -2.93	6.84 0.70 1.50	2.61 0.04 -2.29	10.61 0.63 -4.77	10.50 0.77 -3.97	13.80 1.03 -4.41	19.82 1.86 -0.51	14.31 1.33 1.67	6.57 1.19 6.56	16.23 1.62 0.56	13.82 1.54 2.28	-10.98 1.04 21.60	9.90 0.90 0.00	9.76 0.95 0.00	9.68 0.93 -0.44	13.72 0.82 -5.91	15.65 1.42 -0.37	23.19 2.11 0.00	24.63 2.20 0.00	35.31 3.36 -2.35	33.94 3.49 0.00	30.69 2.85 -2.35	27.77 2.46 -4.31	21.73 1.72 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	13.15 0.86 -3.91	7.50 0.76 0.89	3.29 0.03 -2.97	11.42 0.54 -5.66	11.10 0.63 -4.70	14.78 0.84 -5.58	20.73 1.55 -1.73	15.08 1.19 0.75	8.90 1.06 4.10	17.30 1.42 -0.71	14.90 1.32 0.99	-4.82 0.91 15.30	9.83 0.83 0.00	9.68 0.87 0.00	9.63 0.87 -0.45	13.79 0.79 -6.02	15.77 1.53 -0.37	23.28 2.20 0.00	24.54 2.12 0.00	34.89 2.90 -2.39	33.37 2.92 0.00	30.33 2.45 -2.39	27.55 2.15 -4.39	21.80 1.78 0.00
BRISTLHL_115KV_TB1 79998	8.25 -0.12 0.00	7.52 -0.11 0.00	0.28 0.00 0.00	5.16 -0.06 0.00	5.71 -0.06 0.00	8.25 -0.11 0.00	17.18 -0.27 0.00	14.35 -0.29 0.00	11.69 -0.25 0.00	14.85 -0.33 0.00	14.25 -0.31 0.00	9.37 -0.21 0.00	8.82 -0.19 0.00	8.63 -0.19 0.00	8.11 -0.20 0.00	6.79 -0.20 0.00	13.43 -0.44 0.00	20.41 -0.66 0.00	21.72 -0.70 0.00	28.71 -0.89 0.00	29.57 -0.88 0.00	24.69 -0.80 0.00	20.38 -0.63 0.00	19.48 -0.53 0.00
BROOKHAVEN___DRP 24191	12.12 0.84 -2.91	6.85 0.73 1.51	2.59 0.03 -2.27	10.51 0.54 -4.74	10.36 0.64 -3.94	13.59 0.85 -4.38	19.43 1.50 -0.48	14.03 1.08 1.69	6.27 0.96 6.62	15.85 1.28 0.60	13.47 1.21 2.31	-11.35 0.83 21.77	9.75 0.74 0.00	9.61 0.79 0.00	9.55 0.80 -0.44	13.63 0.73 -5.91	15.64 1.40 -0.37	23.11 2.03 0.00	24.42 2.00 0.00	34.86 2.91 -2.35	33.40 2.95 0.00	30.30 2.45 -2.35	27.48 2.16 -4.31	21.64 1.63 0.00
BROOKLYN_NAVY_YARD 23515	8.94 0.56 0.00	8.12 0.50 0.01	0.29 0.02 0.02	5.55 0.35 0.02	6.16 0.40 0.02	-5.71 0.53 14.61	18.38 0.93 0.01	15.43 0.79 0.00	12.64 0.71 0.01	16.16 0.98 0.00	15.55 0.98 0.00	10.27 0.69 0.00	9.68 0.68 0.00	9.52 0.70 0.00	9.00 0.69 0.00	7.60 0.60 0.00	15.05 1.18 0.00	22.73 1.65 0.00	23.98 1.56 0.01	31.48 1.89 0.01	32.43 1.99 0.00	27.12 1.63 0.00	22.41 1.40 0.00	21.31 1.30 0.00
BROOKLYN___ARMY_DRP 323595	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.70 2.25 0.00	27.37 1.88 0.00	22.58 1.57 0.00	21.48 1.47 0.00
BROOME_2_LFGE 323671	8.44 0.06 0.00	7.70 0.06 0.00	0.29 0.01 0.00	5.29 0.07 0.00	5.86 0.09 0.00	8.46 0.09 0.00	17.53 0.08 0.00	14.60 -0.05 0.00	11.94 0.00 0.00	15.21 0.04 0.00	14.61 0.05 0.00	9.61 0.03 0.00	9.04 0.04 0.00	8.80 -0.02 0.00	8.33 0.01 0.00	6.98 -0.01 0.00	13.78 -0.08 0.00	21.03 -0.04 0.00	22.61 0.19 0.00	30.00 0.40 0.00	30.91 0.47 0.00	25.19 0.27 0.58	21.23 0.22 0.00	20.11 0.10 0.00
BROOME___LFGE 323600	8.44 0.06 0.00	7.70 0.06 0.00	0.29 0.01 0.00	5.29 0.07 0.00	5.86 0.09 0.00	8.46 0.09 0.00	17.53 0.08 0.00	14.60 -0.05 0.00	11.94 0.00 0.00	15.21 0.04 0.00	14.61 0.05 0.00	9.61 0.03 0.00	9.04 0.04 0.00	8.80 -0.02 0.00	8.33 0.01 0.00	6.98 -0.01 0.00	13.78 -0.08 0.00	21.03 -0.04 0.00	22.61 0.19 0.00	30.00 0.40 0.00	30.91 0.47 0.00	25.19 0.27 0.58	21.23 0.22 0.00	20.11 0.10 0.00
BROWNFLS_115KV_TB_3_5 80003	8.31 -0.06 0.00	7.54 -0.09 0.00	0.28 -0.01 0.00	5.08 -0.14 0.00	5.57 -0.20 0.00	7.97 -0.40 0.00	16.63 -0.82 0.00	13.94 -0.70 0.00	11.32 -0.62 0.00	14.25 -0.92 0.00	13.74 -0.83 0.00	9.02 -0.56 0.00	8.36 -0.64 0.00	8.13 -0.68 0.00	7.65 -0.66 0.00	6.44 -0.55 0.00	12.85 -1.02 0.00	20.01 -1.06 0.00	21.62 -0.80 0.00	28.60 -1.00 0.00	29.62 -0.83 0.00	24.56 -0.93 0.00	20.09 -0.91 0.00	19.01 -1.00 0.00
BROWNSV1_27_KV_LOAD 356125	9.04 0.66 0.00	8.22 0.59 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.47 0.00	8.99 0.62 0.00	18.59 1.14 0.00	15.61 0.96 0.00	12.79 0.86 0.00	16.34 1.16 0.00	15.72 1.16 0.00	10.38 0.80 0.00	9.79 0.78 0.00	9.62 0.81 0.00	9.11 0.79 0.00	7.68 0.68 0.00	15.21 1.34 0.00	22.98 1.91 0.00	24.26 1.84 0.00	31.87 2.27 0.00	32.82 2.37 0.00	27.43 1.94 0.00	22.67 1.66 0.00	21.55 1.54 0.00
BURROWS___LYONSDAL 23803	8.54 0.16 0.00	7.75 0.12 0.00	0.29 0.00 0.00	5.24 0.02 0.00	5.76 -0.01 0.00	8.25 -0.11 0.00	17.18 -0.27 0.00	14.36 -0.28 0.00	11.67 -0.27 0.00	14.72 -0.46 0.00	14.16 -0.41 0.00	9.31 -0.27 0.00	8.67 -0.33 0.00	8.47 -0.34 0.00	7.96 -0.35 0.00	6.68 -0.31 0.00	13.30 -0.57 0.00	20.65 -0.43 0.00	22.23 -0.19 0.00	29.37 -0.23 0.00	30.34 -0.10 0.00	25.17 -0.32 0.00	20.68 -0.33 0.00	19.63 -0.38 0.00
CAITHNESS_CC_1 323624	12.08 0.82 -2.89	6.82 0.72 1.53	2.57 0.03 -2.25	10.48 0.53 -4.73	10.33 0.62 -3.93	13.55 0.83 -4.35	19.37 1.47 -0.45	14.00 1.07 1.71	6.22 0.96 6.68	15.82 1.27 0.63	13.43 1.20 2.34	-11.49 0.83 21.90	9.75 0.74 0.00	9.61 0.79 0.00	9.55 0.80 -0.44	13.63 0.73 -5.91	15.64 1.40 -0.37	23.09 2.01 0.00	24.39 1.97 0.00	34.77 2.82 -2.35	33.31 2.86 0.00	30.21 2.37 -2.35	27.42 2.11 -4.31	21.63 1.62 0.00
CALPINE BETH_PAGE_GT4 24209	25.80 0.75 -16.67	15.33 0.67 -7.03	12.30 0.02 -11.99	22.97 0.47 -17.28	20.54 0.55 -14.22	29.84 0.73 -20.75	36.37 1.33 -17.59	26.84 1.04 -11.17	41.22 0.93 -28.34	33.75 1.25 -17.33	31.51 1.17 -15.77	78.03 0.80 -67.64	9.76 0.75 0.00	9.61 0.80 0.00	9.66 0.80 -0.55	15.08 0.72 -7.37	15.71 1.38 -0.46	23.06 1.98 0.00	24.26 1.84 0.00	34.98 2.44 -2.93	32.93 2.47 0.00	30.49 2.07 -2.93	28.21 1.83 -5.37	21.62 1.61 0.00
CALPINE_BETH_PAGE_GT_4 323586	25.80 0.75 -16.67	15.32 0.66 -7.03	12.30 0.02 -11.99	22.97 0.47 -17.28	20.54 0.55 -14.22	29.84 0.73 -20.75	36.37 1.33 -17.59	26.85 1.04 -11.17	41.22 0.93 -28.34	33.75 1.25 -17.33	31.51 1.17 -15.77	78.03 0.80 -67.64	9.76 0.75 0.00	9.61 0.80 0.00	9.66 0.80 -0.55	15.08 0.72 -7.37	15.71 1.38 -0.46	23.06 1.98 0.00	24.26 1.84 0.00	34.98 2.45 -2.93	32.93 2.48 0.00	30.49 2.07 -2.93	28.21 1.83 -5.37	21.62 1.61 0.00
CALPINE_BP_GT1 23823	25.80 0.75 -16.67	15.32 0.66 -7.03	12.30 0.02 -11.99	22.97 0.47 -17.28	20.54 0.55 -14.22	29.84 0.73 -20.75	36.37 1.33 -17.59	26.85 1.04 -11.17	41.22 0.93 -28.34	33.75 1.25 -17.33	31.51 1.17 -15.77	78.03 0.80 -67.64	9.76 0.75 0.00	9.61 0.80 0.00	9.66 0.80 -0.55	15.08 0.72 -7.37	15.71 1.38 -0.46	23.06 1.98 0.00	24.26 1.84 0.00	34.98 2.45 -2.93	32.93 2.48 0.00	30.49 2.07 -2.93	28.21 1.83 -5.37	21.62 1.61 0.00
CALSPAN___DRP 24200	8.06 -0.31 0.00	7.38 -0.25 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.67 -0.11 0.00	8.15 -0.21 0.00	16.99 -0.46 0.00	14.08 -0.56 0.00	11.68 -0.26 0.00	15.05 -0.13 0.00	14.53 -0.04 0.00	9.52 -0.06 0.00	8.96 -0.04 0.00	8.64 -0.18 0.00	8.10 -0.21 0.00	6.70 -0.29 0.00	13.10 -0.77 0.00	19.79 -1.28 0.00	21.06 -1.36 0.00	28.35 -1.25 0.00	29.17 -1.28 0.00	22.81 -1.50 1.18	19.75 -1.26 0.00	19.17 -0.84 0.00

CALVERTON___SOLAR 323806	12.14 0.85 -2.92	6.86 0.74 1.51	2.59 0.03 -2.27	10.53 0.56 -4.75	10.38 0.65 -3.95	13.63 0.88 -4.38	19.48 1.55 -0.49	14.05 1.09 1.69	6.30 0.97 6.61	15.88 1.29 0.59	13.49 1.23 2.30	-11.29 0.85 21.72	9.75 0.75 0.00	9.61 0.80 0.00	9.56 0.81 -0.44	13.64 0.74 -5.91	15.64 1.40 -0.37	23.13 2.05 0.00	24.47 2.05 0.00	34.95 3.00 -2.35	33.51 3.06 0.00	30.38 2.53 -2.35	27.55 2.23 -4.31	21.66 1.65 0.00
CANDIGU_WT_PWR 323617	8.21 -0.17 0.00	7.52 -0.12 0.00	0.28 0.00 0.00	5.18 -0.04 0.00	5.74 -0.03 0.00	8.25 -0.11 0.00	17.16 -0.29 0.00	14.17 -0.47 0.00	11.65 -0.29 0.00	14.93 -0.25 0.00	14.23 -0.33 0.00	9.31 -0.27 0.00	8.78 -0.23 0.00	8.46 -0.35 0.00	7.93 -0.39 0.00	6.55 -0.44 0.00	12.88 -0.99 0.00	19.41 -1.66 0.00	20.57 -1.86 0.00	28.08 -1.53 0.00	29.15 -1.29 0.00	21.75 -1.40 2.34	20.02 -0.99 0.00	19.48 -0.53 0.00
CARR STREET_E_SYR 24060	8.36 -0.01 0.00	7.62 -0.02 0.00	0.29 0.00 0.00	5.22 0.01 0.00	5.79 0.01 0.00	8.36 -0.01 0.00	17.39 -0.06 0.00	14.51 -0.13 0.00	11.83 -0.10 0.00	15.05 -0.13 0.00	14.46 -0.11 0.00	9.51 -0.07 0.00	8.94 -0.06 0.00	8.75 -0.07 0.00	8.23 -0.08 0.00	6.89 -0.10 0.00	13.61 -0.26 0.00	20.61 -0.46 0.00	21.83 -0.59 0.00	28.90 -0.70 0.00	29.75 -0.69 0.00	25.21 -0.65 -0.37	20.55 -0.46 0.00	19.69 -0.31 0.00
CARTHAGE___PAPER 23857	8.52 0.15 0.00	7.72 0.09 0.00	0.29 0.00 0.00	5.17 -0.05 0.00	5.66 -0.11 0.00	8.09 -0.28 0.00	16.85 -0.60 0.00	14.07 -0.57 0.00	11.39 -0.54 0.00	14.25 -0.92 0.00	13.71 -0.85 0.00	9.01 -0.57 0.00	8.34 -0.66 0.00	8.14 -0.68 0.00	7.64 -0.67 0.00	6.41 -0.58 0.00	12.78 -1.09 0.00	20.07 -1.00 0.00	21.82 -0.60 0.00	28.90 -0.70 0.00	30.01 -0.44 0.00	24.82 -0.67 0.00	20.34 -0.67 0.00	19.24 -0.77 0.00
CASSADAGA_WT_PWR 323784	8.13 -0.25 0.00	7.49 -0.15 0.00	0.29 0.00 0.00	5.27 0.05 0.00	5.84 0.07 0.00	8.40 0.03 0.00	17.31 -0.14 0.00	14.39 -0.25 0.00	12.00 0.06 0.00	15.56 0.38 0.00	15.05 0.48 0.00	9.83 0.25 0.00	9.19 0.19 0.00	8.71 -0.11 0.00	8.12 -0.19 0.00	6.68 -0.31 0.00	13.04 -0.83 0.00	19.82 -1.26 0.00	21.28 -1.14 0.00	28.80 -0.80 0.00	29.42 -1.03 0.00	22.79 -1.37 1.33	19.82 -1.19 0.00	19.18 -0.84 0.00
CE_DUNWOOD___DRP 24194	8.91 0.54 0.00	8.11 0.47 0.00	0.31 0.02 0.00	5.55 0.33 0.00	6.16 0.39 0.00	8.87 0.50 0.00	18.34 0.90 0.00	15.40 0.76 0.00	12.61 0.67 0.00	16.07 0.90 0.00	15.44 0.88 0.00	10.20 0.62 0.00	9.62 0.61 0.00	9.45 0.64 0.00	8.95 0.64 0.00	7.55 0.56 0.00	14.97 1.11 0.00	22.68 1.60 0.00	23.96 1.54 0.00	31.48 1.88 0.00	32.43 1.99 0.00	27.12 1.63 0.00	22.42 1.41 0.00	21.31 1.30 0.00
CE_MILLWOOD___DRP 24193	8.90 0.52 0.00	8.09 0.46 0.00	0.30 0.02 0.00	5.54 0.32 0.00	6.15 0.38 0.00	8.85 0.49 0.00	18.31 0.87 0.00	15.38 0.74 0.00	12.59 0.65 0.00	16.03 0.86 0.00	15.40 0.84 0.00	10.17 0.59 0.00	9.59 0.59 0.00	9.43 0.61 0.00	8.93 0.62 0.00	7.53 0.54 0.00	14.93 1.07 0.00	22.62 1.54 0.00	23.91 1.49 0.00	31.42 1.82 0.00	32.38 1.93 0.00	27.07 1.58 0.00	22.37 1.37 0.00	21.27 1.26 0.00
CE_NYC2_DRP 24202	8.97 0.60 0.00	8.18 0.55 0.00	0.31 0.02 0.00	5.61 0.39 0.00	6.22 0.45 0.00	8.94 0.58 0.00	18.46 1.02 0.00	15.50 0.85 0.00	12.70 0.77 0.00	16.25 1.08 0.00	15.63 1.06 0.00	10.32 0.74 0.00	9.73 0.72 0.00	9.56 0.75 0.00	9.05 0.74 0.00	7.63 0.64 0.00	15.11 1.25 0.00	22.81 1.74 0.00	24.08 1.66 0.00	31.60 2.00 0.00	32.53 2.08 0.00	27.23 1.74 0.00	22.50 1.50 0.00	21.41 1.40 0.00
CE_NYC_DRP 24195	8.97 0.60 0.00	8.17 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.21 0.43 0.00	8.93 0.56 0.00	18.46 1.01 0.00	15.49 0.84 0.00	12.70 0.76 0.00	16.22 1.04 0.00	15.61 1.04 0.00	10.31 0.72 0.00	9.72 0.71 0.00	9.55 0.74 0.00	9.04 0.73 0.00	7.63 0.63 0.00	15.10 1.23 0.00	22.82 1.75 0.00	24.09 1.67 0.00	31.63 2.03 0.00	32.56 2.12 0.00	27.23 1.74 0.00	22.50 1.49 0.00	21.40 1.39 0.00
CHAFFEE___LFGE 323603	8.11 -0.26 0.00	7.43 -0.21 0.00	0.28 -0.01 0.00	5.15 -0.07 0.00	5.70 -0.08 0.00	8.20 -0.16 0.00	17.08 -0.37 0.00	14.16 -0.48 0.00	11.74 -0.19 0.00	15.13 -0.05 0.00	14.61 0.04 0.00	9.57 -0.01 0.00	9.01 0.00 0.00	8.69 -0.12 0.00	8.16 -0.15 0.00	6.74 -0.26 0.00	13.18 -0.68 0.00	19.91 -1.16 0.00	21.18 -1.24 0.00	28.52 -1.08 0.00	29.33 -1.11 0.00	22.89 -1.32 1.28	19.89 -1.12 0.00	19.30 -0.71 0.00
CHATEAUG_35_KV_LOAD 355732	8.23 -0.14 0.00	7.50 -0.14 0.00	0.28 -0.01 0.00	5.07 -0.15 0.00	5.60 -0.18 0.00	8.16 -0.20 0.00	17.06 -0.38 0.00	14.39 -0.25 0.00	11.74 -0.20 0.00	14.95 -0.22 0.00	14.31 -0.25 0.00	9.34 -0.25 0.00	8.71 -0.29 0.00	8.54 -0.28 0.00	8.07 -0.24 0.00	6.85 -0.15 0.00	13.79 -0.08 0.00	20.97 -0.11 0.00	22.37 -0.05 0.00	29.78 0.18 0.00	30.68 0.23 0.00	25.57 0.08 0.00	20.86 -0.15 0.00	19.79 -0.22 0.00
CHATEAUG_WT_PWR 323614	8.24 -0.14 0.00	7.50 -0.13 0.00	0.27 -0.01 0.00	5.08 -0.14 0.00	5.60 -0.17 0.00	8.16 -0.20 0.00	17.06 -0.39 0.00	14.38 -0.26 0.00	11.74 -0.19 0.00	14.96 -0.22 0.00	14.32 -0.25 0.00	9.34 -0.25 0.00	8.71 -0.29 0.00	8.54 -0.28 0.00	8.07 -0.24 0.00	6.85 -0.15 0.00	13.81 -0.06 0.00	20.99 -0.09 0.00	22.39 -0.03 0.00	29.82 0.23 0.00	30.68 0.23 0.00	25.54 0.05 0.00	20.84 -0.17 0.00	19.77 -0.24 0.00
CHAT_HIGH_FALL_HYD 323578	8.23 -0.14 0.00	7.50 -0.14 0.00	0.28 -0.01 0.00	5.07 -0.15 0.00	5.60 -0.18 0.00	8.16 -0.20 0.00	17.06 -0.38 0.00	14.39 -0.25 0.00	11.74 -0.20 0.00	14.95 -0.22 0.00	14.31 -0.25 0.00	9.34 -0.25 0.00	8.71 -0.29 0.00	8.54 -0.28 0.00	8.07 -0.24 0.00	6.85 -0.15 0.00	13.79 -0.08 0.00	20.97 -0.11 0.00	22.37 -0.05 0.00	29.78 0.18 0.00	30.68 0.23 0.00	25.57 0.08 0.00	20.86 -0.15 0.00	19.79 -0.22 0.00
CHAUTAUQUA___LFGE 323629	8.13 -0.25 0.00	7.46 -0.18 0.00	0.29 0.00 0.00	5.21 0.00 0.00	5.77 0.00 0.00	8.30 -0.06 0.00	17.14 -0.31 0.00	14.22 -0.42 0.00	11.86 -0.08 0.00	15.36 0.18 0.00	14.83 0.27 0.00	9.70 0.12 0.00	9.11 0.11 0.00	8.70 -0.11 0.00	8.13 -0.18 0.00	6.70 -0.29 0.00	13.10 -0.77 0.00	19.84 -1.23 0.00	21.18 -1.24 0.00	28.62 -0.98 0.00	29.34 -1.10 0.00	22.87 -1.37 1.25	19.87 -1.14 0.00	19.26 -0.75 0.00
CHERRYST_13_KV_LD 356241	8.99 0.62 0.00	8.18 0.55 0.00	0.31 0.02 0.00	5.61 0.39 0.00	6.22 0.45 0.00	8.95 0.59 0.00	18.51 1.06 0.00	15.54 0.90 0.00	12.74 0.80 0.00	16.28 1.10 0.00	15.66 1.10 0.00	10.34 0.76 0.00	9.75 0.75 0.00	9.58 0.77 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.90 1.82 0.00	24.16 1.74 0.00	31.73 2.13 0.00	32.65 2.21 0.00	27.30 1.81 0.00	22.56 1.55 0.00	21.45 1.44 0.00

CHESTROR_138KV_BK263 355645	8.81 0.43 0.00	8.01 0.38 0.00	0.30 0.01 0.00	5.49 0.27 0.00	6.09 0.32 0.00	8.77 0.41 0.00	18.16 0.71 0.00	15.25 0.61 0.00	12.46 0.52 0.00	15.85 0.67 0.00	15.21 0.64 0.00	10.04 0.46 0.00	9.47 0.46 0.00	9.30 0.49 0.00	8.81 0.49 0.00	7.43 0.43 0.00	14.73 0.86 0.00	22.36 1.28 0.00	23.67 1.25 0.00	31.14 1.54 0.00	32.10 1.65 0.00	26.85 1.36 0.00	22.18 1.18 0.00	21.08 1.07 0.00
CH_MIDHUDSON___DRP 24192	8.90 0.52 0.00	8.09 0.46 0.00	0.30 0.02 0.00	5.54 0.32 0.00	6.15 0.37 0.00	8.86 0.49 0.00	18.33 0.89 0.00	15.40 0.76 0.00	12.61 0.67 0.00	16.02 0.85 0.00	15.38 0.81 0.00	10.15 0.57 0.00	9.57 0.56 0.00	9.40 0.59 0.00	8.90 0.58 0.00	7.51 0.51 0.00	14.90 1.04 0.00	22.64 1.56 0.00	23.98 1.56 0.00	31.52 1.92 0.00	32.47 2.03 0.00	27.14 1.65 0.00	22.42 1.42 0.00	21.32 1.31 0.00
CH_MISC_IPPS 23765	8.93 0.56 0.00	8.12 0.49 0.00	0.31 0.02 0.00	5.56 0.34 0.00	6.17 0.40 0.00	8.89 0.53 0.00	18.42 0.97 0.00	15.48 0.84 0.00	12.66 0.73 0.00	16.10 0.92 0.00	15.45 0.89 0.00	10.20 0.62 0.00	9.61 0.61 0.00	9.44 0.63 0.00	8.94 0.63 0.00	7.55 0.55 0.00	14.99 1.12 0.00	22.77 1.69 0.00	24.12 1.70 0.00	31.72 2.12 0.00	32.69 2.25 0.00	27.32 1.83 0.00	22.56 1.55 0.00	21.43 1.42 0.00
CH_RES_BVR_FALLS 23983	8.33 -0.04 0.00	7.59 -0.05 0.00	0.29 0.00 0.00	5.17 -0.05 0.00	5.71 -0.07 0.00	8.25 -0.11 0.00	17.23 -0.22 0.00	14.47 -0.17 0.00	11.79 -0.15 0.00	15.00 -0.17 0.00	14.41 -0.15 0.00	9.46 -0.12 0.00	8.87 -0.14 0.00	8.67 -0.14 0.00	8.16 -0.15 0.00	6.87 -0.12 0.00	13.63 -0.24 0.00	20.84 -0.24 0.00	22.26 -0.16 0.00	29.40 -0.19 0.00	30.27 -0.18 0.00	25.25 -0.24 0.00	20.76 -0.25 0.00	19.74 -0.26 0.00
CH_RES_NIAGARA 23895	7.81 -0.57 0.00	7.15 -0.48 0.00	0.27 -0.02 0.00	4.96 -0.25 0.00	5.48 -0.29 0.00	7.90 -0.46 0.00	16.52 -0.93 0.00	13.69 -0.96 0.00	11.34 -0.60 0.00	14.60 -0.57 0.00	14.12 -0.45 0.00	9.26 -0.32 0.00	8.72 -0.29 0.00	8.41 -0.40 0.00	7.88 -0.43 0.00	6.51 -0.48 0.00	12.72 -1.15 0.00	19.19 -1.88 0.00	20.38 -2.04 0.00	27.34 -2.26 0.00	28.13 -2.31 0.00	22.13 -2.39 0.97	18.99 -2.01 0.00	18.56 -1.45 0.00
CH_RES_SYRACUSE 23985	8.37 -0.01 0.00	7.62 -0.01 0.00	0.29 0.00 0.00	5.23 0.01 0.00	5.79 0.02 0.00	8.37 0.00 0.00	17.42 -0.03 0.00	14.54 -0.11 0.00	11.85 -0.09 0.00	15.06 -0.12 0.00	14.46 -0.11 0.00	9.51 -0.07 0.00	8.95 -0.06 0.00	8.75 -0.06 0.00	8.22 -0.09 0.00	6.89 -0.11 0.00	13.61 -0.25 0.00	20.69 -0.38 0.00	21.97 -0.45 0.00	29.10 -0.50 0.00	29.96 -0.49 0.00	25.89 -0.49 -0.88	20.64 -0.37 0.00	19.74 -0.27 0.00
CLINTON_WT_PWR 323605	8.24 -0.14 0.00	7.50 -0.13 0.00	0.27 -0.01 0.00	5.08 -0.14 0.00	5.60 -0.17 0.00	8.16 -0.20 0.00	17.06 -0.39 0.00	14.38 -0.26 0.00	11.74 -0.19 0.00	14.96 -0.22 0.00	14.32 -0.25 0.00	9.34 -0.25 0.00	8.71 -0.29 0.00	8.54 -0.28 0.00	8.07 -0.24 0.00	6.85 -0.15 0.00	13.81 -0.06 0.00	20.99 -0.09 0.00	22.39 -0.03 0.00	29.82 0.23 0.00	30.68 0.23 0.00	25.54 0.05 0.00	20.84 -0.17 0.00	19.77 -0.24 0.00
CLINTON___LFGE 323618	8.32 -0.06 0.00	7.57 -0.06 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.66 -0.11 0.00	8.25 -0.11 0.00	17.25 -0.20 0.00	14.57 -0.08 0.00	11.82 -0.12 0.00	15.10 -0.08 0.00	14.30 -0.27 0.00	9.31 -0.27 0.00	8.69 -0.31 0.00	8.52 -0.30 0.00	8.05 -0.26 0.00	6.83 -0.16 0.00	13.89 0.02 0.00	21.11 0.03 0.00	22.52 0.10 0.00	30.00 0.40 0.00	30.93 0.48 0.00	25.77 0.28 0.00	21.00 -0.01 0.00	19.91 -0.10 0.00
COBBLENY_34_KV_TB1 80064	8.11 -0.26 0.00	7.43 -0.20 0.00	0.28 -0.01 0.00	5.15 -0.07 0.00	5.70 -0.08 0.00	8.20 -0.16 0.00	17.08 -0.36 0.00	14.16 -0.48 0.00	11.75 -0.19 0.00	15.13 -0.05 0.00	14.61 0.04 0.00	9.57 -0.01 0.00	9.01 0.00 0.00	8.68 -0.13 0.00	8.14 -0.17 0.00	6.74 -0.26 0.00	13.18 -0.68 0.00	19.91 -1.17 0.00	21.18 -1.24 0.00	28.52 -1.08 0.00	29.36 -1.09 0.00	22.88 -1.34 1.28	19.88 -1.12 0.00	19.30 -0.71 0.00
COFFEEN___115KV_TB3 355620	8.54 0.16 0.00	7.73 0.10 0.00	0.29 0.00 0.00	5.18 -0.04 0.00	5.68 -0.10 0.00	8.12 -0.25 0.00	16.90 -0.54 0.00	14.09 -0.55 0.00	11.38 -0.56 0.00	14.19 -0.99 0.00	13.65 -0.91 0.00	8.98 -0.61 0.00	8.31 -0.69 0.00	8.12 -0.70 0.00	7.62 -0.69 0.00	6.38 -0.61 0.00	12.69 -1.18 0.00	19.89 -1.18 0.00	21.68 -0.74 0.00	28.80 -0.80 0.00	30.02 -0.43 0.00	24.85 -0.64 0.00	20.39 -0.62 0.00	19.29 -0.72 0.00
COLDSPRG_115KV_BK1 355956	8.31 -0.06 0.00	7.64 0.01 0.00	0.29 0.00 0.00	5.33 0.11 0.00	5.91 0.14 0.00	8.50 0.14 0.00	17.56 0.11 0.00	14.59 -0.05 0.00	12.15 0.21 0.00	15.73 0.55 0.00	15.18 0.62 0.00	9.92 0.34 0.00	9.31 0.31 0.00	8.91 0.10 0.00	8.34 0.03 0.00	6.88 -0.11 0.00	13.43 -0.43 0.00	20.31 -0.77 0.00	21.65 -0.77 0.00	29.23 -0.37 0.00	30.03 -0.41 0.00	23.25 -0.78 1.46	20.36 -0.65 0.00	19.74 -0.27 0.00
COLONIE_LFGE___ 323577	8.70 0.33 0.00	7.92 0.29 0.00	0.30 0.01 0.00	5.41 0.19 0.00	6.01 0.23 0.00	8.68 0.32 0.00	17.97 0.52 0.00	15.02 0.38 0.00	12.19 0.25 0.00	15.41 0.24 0.00	14.81 0.24 0.00	9.75 0.17 0.00	9.17 0.17 0.00	9.00 0.18 0.00	8.49 0.18 0.00	7.14 0.14 0.00	14.22 0.35 0.00	21.67 0.60 0.00	23.09 0.67 0.00	30.38 0.78 0.00	31.35 0.90 0.00	26.18 0.69 0.00	21.71 0.70 0.00	20.68 0.67 0.00
COOPERNY_115KV_TB1 80082	8.69 0.31 0.00	7.91 0.28 0.00	0.30 0.01 0.00	5.42 0.21 0.00	6.01 0.24 0.00	8.67 0.30 0.00	17.94 0.49 0.00	14.88 0.24 0.00	12.15 0.21 0.00	15.44 0.27 0.00	14.81 0.25 0.00	9.78 0.20 0.00	9.22 0.21 0.00	9.03 0.22 0.00	8.54 0.23 0.00	7.20 0.20 0.00	14.25 0.38 0.00	21.65 0.57 0.00	22.98 0.56 0.00	30.27 0.67 0.00	31.18 0.73 0.00	26.10 0.61 0.00	21.55 0.54 0.00	20.48 0.47 0.00
COPENHAGEN_WT_PWR 323753	8.48 0.11 0.00	7.67 0.04 0.00	0.29 0.00 0.00	5.12 -0.10 0.00	5.59 -0.19 0.00	7.97 -0.40 0.00	16.60 -0.84 0.00	13.89 -0.75 0.00	11.26 -0.68 0.00	14.12 -1.06 0.00	13.60 -0.96 0.00	8.94 -0.64 0.00	8.26 -0.74 0.00	8.07 -0.75 0.00	7.56 -0.75 0.00	6.33 -0.66 0.00	12.60 -1.27 0.00	19.82 -1.25 0.00	21.55 -0.87 0.00	28.44 -1.15 0.00	29.48 -0.97 0.00	24.36 -1.13 0.00	19.99 -1.02 0.00	18.94 -1.07 0.00
CORNELL_____ 23752	8.53 0.16 0.00	7.77 0.14 0.00	0.29 0.01 0.00	5.33 0.11 0.00	5.91 0.14 0.00	8.54 0.18 0.00	17.77 0.32 0.00	14.80 0.15 0.00	12.03 0.09 0.00	15.23 0.06 0.00	14.59 0.02 0.00	9.58 0.00 0.00	9.02 0.01 0.00	8.80 -0.02 0.00	8.28 -0.04 0.00	6.93 -0.06 0.00	13.72 -0.15 0.00	20.81 -0.27 0.00	21.98 -0.44 0.00	29.39 -0.21 0.00	30.34 -0.11 0.00	42.30 -0.20 -17.01	20.84 -0.16 0.00	19.97 -0.04 0.00

CORONA V_69_KV_TB1 355595	87.92 0.76 -78.78	53.78 0.67 -45.47	56.94 0.03 -56.62	87.34 0.48 -81.64	75.15 0.55 -68.82	111.04 0.73 -101.95	117.27 1.32 -98.50	91.66 1.05 -75.97	195.16 0.96 -182.26	121.33 1.27 -104.88	121.96 1.21 -106.18	477.84 0.83 -467.43	9.78 0.78 0.00	9.63 0.82 0.00	9.92 0.82 -0.80	18.33 0.72 -10.61	15.93 1.40 -0.66	23.10 2.02 0.00	24.36 1.94 0.00	36.39 2.57 -4.22	33.06 2.61 0.00	31.88 2.17 -4.22	30.63 1.89 -7.74	21.63 1.62 0.00
CORTLAND_115KV_TB3 80093	8.50 0.12 0.00	7.74 0.10 0.00	0.29 0.01 0.00	5.31 0.09 0.00	5.88 0.11 0.00	8.49 0.13 0.00	17.65 0.20 0.00	14.69 0.05 0.00	11.96 0.02 0.00	15.16 -0.01 0.00	14.55 -0.01 0.00	9.57 -0.01 0.00	9.01 0.00 0.00	8.80 -0.02 0.00	8.29 -0.02 0.00	6.95 -0.05 0.00	13.74 -0.13 0.00	20.77 -0.30 0.00	21.89 -0.53 0.00	29.11 -0.48 0.00	30.01 -0.44 0.00	40.85 -0.45 -15.81	20.64 -0.37 0.00	19.77 -0.24 0.00
COXSACKIE___GT 23611	8.90 0.52 0.00	8.11 0.47 0.00	0.31 0.02 0.00	5.54 0.32 0.00	6.14 0.37 0.00	8.88 0.52 0.00	18.36 0.91 0.00	15.36 0.72 0.00	12.52 0.58 0.00	15.70 0.53 0.00	14.98 0.42 0.00	9.86 0.28 0.00	9.29 0.29 0.00	9.14 0.32 0.00	8.56 0.25 0.00	7.18 0.19 0.00	14.31 0.45 0.00	21.88 0.80 0.00	23.41 0.99 0.00	31.13 1.53 0.00	32.21 1.77 0.00	26.94 1.44 0.00	22.22 1.21 0.00	21.08 1.07 0.00
CPV_VALLEY___CC1 323721	8.75 0.37 0.00	7.96 0.33 0.00	0.30 0.01 0.00	5.46 0.24 0.00	6.05 0.28 0.00	8.72 0.35 0.00	18.00 0.55 0.00	14.75 0.11 0.00	12.05 0.11 0.00	15.31 0.13 0.00	14.69 0.12 0.00	9.72 0.14 0.00	9.15 0.15 0.00	8.97 0.16 0.00	8.49 0.18 0.00	7.16 0.16 0.00	14.14 0.27 0.00	21.47 0.40 0.00	22.78 0.36 0.00	29.97 0.37 0.00	30.88 0.43 0.00	25.86 0.37 0.00	21.37 0.36 0.00	20.31 0.30 0.00
CPV_VALLEY___CC2 323722	8.75 0.37 0.00	7.96 0.33 0.00	0.30 0.01 0.00	5.46 0.24 0.00	6.05 0.28 0.00	8.72 0.35 0.00	18.00 0.55 0.00	14.75 0.11 0.00	12.05 0.11 0.00	15.31 0.13 0.00	14.69 0.12 0.00	9.72 0.14 0.00	9.15 0.15 0.00	8.97 0.16 0.00	8.49 0.18 0.00	7.16 0.16 0.00	14.14 0.27 0.00	21.47 0.40 0.00	22.78 0.36 0.00	29.97 0.37 0.00	30.88 0.43 0.00	25.86 0.37 0.00	21.37 0.36 0.00	20.31 0.30 0.00
CRESCENT___HYD 24018	8.70 0.33 0.00	7.92 0.29 0.00	0.30 0.01 0.00	5.41 0.19 0.00	6.01 0.23 0.00	8.68 0.32 0.00	17.97 0.52 0.00	15.02 0.38 0.00	12.19 0.25 0.00	15.41 0.24 0.00	14.81 0.24 0.00	9.75 0.17 0.00	9.17 0.17 0.00	9.00 0.18 0.00	8.49 0.18 0.00	7.14 0.14 0.00	14.22 0.35 0.00	21.67 0.60 0.00	23.09 0.67 0.00	30.38 0.78 0.00	31.35 0.90 0.00	26.18 0.69 0.00	21.71 0.70 0.00	20.68 0.67 0.00
CRICKET___VALLEY_CC1 323756	8.83 0.46 0.00	8.04 0.40 0.00	0.30 0.01 0.00	5.49 0.27 0.00	6.09 0.32 0.00	8.80 0.43 0.00	18.19 0.74 0.00	15.26 0.61 0.00	12.46 0.52 0.00	15.83 0.66 0.00	15.20 0.63 0.00	10.05 0.46 0.00	9.47 0.46 0.00	9.30 0.49 0.00	8.80 0.49 0.00	7.41 0.42 0.00	14.74 0.87 0.00	22.42 1.34 0.00	23.73 1.31 0.00	31.15 1.56 0.00	32.12 1.67 0.00	26.83 1.34 0.00	22.22 1.21 0.00	21.17 1.16 0.00
CRICKET___VALLEY_CC2 323757	8.83 0.46 0.00	8.04 0.40 0.00	0.30 0.01 0.00	5.49 0.27 0.00	6.09 0.32 0.00	8.80 0.43 0.00	18.19 0.74 0.00	15.26 0.61 0.00	12.46 0.52 0.00	15.83 0.66 0.00	15.20 0.63 0.00	10.05 0.46 0.00	9.47 0.46 0.00	9.30 0.49 0.00	8.80 0.49 0.00	7.41 0.42 0.00	14.74 0.87 0.00	22.42 1.34 0.00	23.73 1.31 0.00	31.15 1.56 0.00	32.12 1.67 0.00	26.83 1.34 0.00	22.22 1.21 0.00	21.17 1.16 0.00
CRICKET___VALLEY_CC3 323758	8.83 0.46 0.00	8.04 0.40 0.00	0.30 0.01 0.00	5.49 0.27 0.00	6.09 0.32 0.00	8.80 0.43 0.00	18.19 0.74 0.00	15.26 0.61 0.00	12.46 0.52 0.00	15.83 0.66 0.00	15.20 0.63 0.00	10.05 0.46 0.00	9.47 0.46 0.00	9.30 0.49 0.00	8.80 0.49 0.00	7.41 0.42 0.00	14.74 0.87 0.00	22.42 1.34 0.00	23.73 1.31 0.00	31.15 1.56 0.00	32.12 1.67 0.00	26.83 1.34 0.00	22.22 1.21 0.00	21.17 1.16 0.00
CRUCIBLE_METL_DRP 24180	8.37 -0.01 0.00	7.62 -0.01 0.00	0.29 0.00 0.00	5.23 0.01 0.00	5.79 0.02 0.00	8.37 0.00 0.00	17.42 -0.03 0.00	14.54 -0.10 0.00	11.85 -0.09 0.00	15.06 -0.12 0.00	14.46 -0.11 0.00	9.51 -0.08 0.00	8.95 -0.06 0.00	8.75 -0.07 0.00	8.22 -0.09 0.00	6.89 -0.11 0.00	13.62 -0.25 0.00	20.69 -0.39 0.00	21.97 -0.45 0.00	29.10 -0.50 0.00	29.96 -0.49 0.00	25.89 -0.49 -0.88	20.64 -0.37 0.00	19.74 -0.27 0.00
DAHOWA___HYDRO 323763	8.84 0.47 0.00	8.05 0.42 0.00	0.30 0.01 0.00	5.50 0.28 0.00	6.11 0.34 0.00	8.87 0.50 0.00	18.40 0.95 0.00	15.35 0.71 0.00	12.37 0.43 0.00	15.60 0.43 0.00	14.95 0.38 0.00	9.85 0.27 0.00	9.28 0.27 0.00	9.07 0.25 0.00	8.55 0.23 0.00	7.19 0.19 0.00	14.34 0.48 0.00	21.92 0.84 0.00	23.44 1.01 0.00	30.95 1.35 0.00	31.92 1.48 0.00	26.64 1.14 0.00	22.06 1.05 0.00	20.98 0.97 0.00
DANC___LFGE 323619	8.41 0.03 0.00	7.63 -0.01 0.00	0.28 0.00 0.00	5.15 -0.07 0.00	5.65 -0.13 0.00	8.09 -0.27 0.00	16.84 -0.61 0.00	14.08 -0.56 0.00	11.43 -0.50 0.00	14.40 -0.78 0.00	13.86 -0.71 0.00	9.12 -0.46 0.00	8.48 -0.52 0.00	8.29 -0.52 0.00	7.78 -0.53 0.00	6.51 -0.48 0.00	12.91 -0.96 0.00	20.03 -1.04 0.00	21.60 -0.82 0.00	28.55 -1.05 0.00	29.55 -0.90 0.00	24.55 -0.94 0.00	20.19 -0.82 0.00	19.19 -0.82 0.00
DANSKAMMER___1 23586	8.93 0.56 0.00	8.12 0.49 0.00	0.31 0.02 0.00	5.56 0.34 0.00	6.17 0.40 0.00	8.89 0.53 0.00	18.42 0.97 0.00	15.48 0.84 0.00	12.66 0.73 0.00	16.10 0.92 0.00	15.45 0.89 0.00	10.20 0.62 0.00	9.61 0.61 0.00	9.44 0.63 0.00	8.94 0.63 0.00	7.55 0.55 0.00	14.99 1.12 0.00	22.77 1.69 0.00	24.12 1.70 0.00	31.72 2.12 0.00	32.69 2.25 0.00	27.32 1.83 0.00	22.56 1.55 0.00	21.43 1.42 0.00
DANSKAMMER___2 23589	8.93 0.56 0.00	8.12 0.49 0.00	0.31 0.02 0.00	5.56 0.34 0.00	6.17 0.40 0.00	8.89 0.53 0.00	18.42 0.97 0.00	15.48 0.84 0.00	12.66 0.73 0.00	16.10 0.92 0.00	15.45 0.89 0.00	10.20 0.62 0.00	9.61 0.61 0.00	9.44 0.63 0.00	8.94 0.63 0.00	7.55 0.55 0.00	14.99 1.12 0.00	22.77 1.69 0.00	24.12 1.70 0.00	31.72 2.12 0.00	32.69 2.25 0.00	27.32 1.83 0.00	22.56 1.55 0.00	21.43 1.42 0.00
DANSKAMMER___3 23590	8.93 0.56 0.00	8.12 0.49 0.00	0.31 0.02 0.00	5.56 0.34 0.00	6.17 0.40 0.00	8.89 0.53 0.00	18.42 0.97 0.00	15.48 0.84 0.00	12.66 0.73 0.00	16.10 0.92 0.00	15.45 0.89 0.00	10.20 0.62 0.00	9.61 0.61 0.00	9.44 0.63 0.00	8.94 0.63 0.00	7.55 0.55 0.00	14.99 1.12 0.00	22.77 1.69 0.00	24.12 1.70 0.00	31.72 2.12 0.00	32.69 2.25 0.00	27.32 1.83 0.00	22.56 1.55 0.00	21.43 1.42 0.00

DANSKAMMER___4 23591	8.93 0.56 0.00	8.12 0.49 0.00	0.31 0.02 0.00	5.56 0.34 0.00	6.17 0.40 0.00	8.89 0.53 0.00	18.42 0.97 0.00	15.48 0.84 0.00	12.66 0.73 0.00	16.10 0.92 0.00	15.45 0.89 0.00	10.20 0.62 0.00	9.61 0.61 0.00	9.44 0.63 0.00	8.94 0.63 0.00	7.55 0.55 0.00	14.99 1.12 0.00	22.77 1.69 0.00	24.12 1.70 0.00	31.72 2.12 0.00	32.69 2.25 0.00	27.32 1.83 0.00	22.56 1.55 0.00	21.43 1.42 0.00
DANSKAMMER___DIESEL 23592	8.93 0.56 0.00	8.12 0.49 0.00	0.31 0.02 0.00	5.56 0.34 0.00	6.17 0.40 0.00	8.89 0.53 0.00	18.41 0.97 0.00	15.48 0.83 0.00	12.66 0.73 0.00	16.10 0.92 0.00	15.45 0.89 0.00	10.20 0.62 0.00	9.61 0.61 0.00	9.45 0.63 0.00	8.94 0.63 0.00	7.55 0.56 0.00	14.99 1.12 0.00	22.77 1.69 0.00	24.12 1.70 0.00	31.72 2.12 0.00	32.69 2.24 0.00	27.32 1.83 0.00	22.55 1.55 0.00	21.42 1.41 0.00
DARBY___SOLAR 323810	8.82 0.44 0.00	8.03 0.39 0.00	0.30 0.01 0.00	5.49 0.27 0.00	6.10 0.32 0.00	8.83 0.47 0.00	18.33 0.88 0.00	15.29 0.65 0.00	12.34 0.40 0.00	15.56 0.38 0.00	14.91 0.35 0.00	9.82 0.24 0.00	9.25 0.24 0.00	9.05 0.23 0.00	8.53 0.22 0.00	7.17 0.18 0.00	14.32 0.45 0.00	21.87 0.79 0.00	23.37 0.95 0.00	30.85 1.25 0.00	31.82 1.37 0.00	26.56 1.06 0.00	21.99 0.98 0.00	20.92 0.91 0.00
DASHVILLE___HYD 23610	8.92 0.55 0.00	8.11 0.48 0.00	0.31 0.02 0.00	5.56 0.34 0.00	6.17 0.39 0.00	8.88 0.51 0.00	18.39 0.94 0.00	15.49 0.85 0.00	12.79 0.85 0.00	16.23 1.05 0.00	15.57 1.00 0.00	10.26 0.68 0.00	9.68 0.67 0.00	9.51 0.70 0.00	9.00 0.69 0.00	7.62 0.62 0.00	15.14 1.27 0.00	23.03 1.95 0.00	24.41 1.99 0.00	32.13 2.53 0.00	33.12 2.68 0.00	27.69 2.20 0.00	22.82 1.81 0.00	21.65 1.63 0.00
DELAWARE___LFGE 323621	8.65 0.27 0.00	7.88 0.24 0.00	0.30 0.01 0.00	5.40 0.18 0.00	5.99 0.21 0.00	8.64 0.27 0.00	17.93 0.48 0.00	14.94 0.29 0.00	12.18 0.24 0.00	15.48 0.30 0.00	14.85 0.28 0.00	9.78 0.20 0.00	9.20 0.20 0.00	9.00 0.19 0.00	8.51 0.20 0.00	7.16 0.16 0.00	14.17 0.30 0.00	21.58 0.51 0.00	23.05 0.63 0.00	30.47 0.87 0.00	31.37 0.92 0.00	26.81 0.74 -0.58	21.61 0.60 0.00	20.51 0.50 0.00
DERFIELD_115KV_TB7 355931	8.47 0.10 0.00	7.71 0.08 0.00	0.29 0.00 0.00	5.28 0.06 0.00	5.85 0.07 0.00	8.44 0.07 0.00	17.52 0.07 0.00	14.64 0.00 0.00	11.91 -0.03 0.00	15.12 -0.06 0.00	14.51 -0.06 0.00	9.55 -0.03 0.00	8.98 -0.02 0.00	8.79 -0.03 0.00	8.28 -0.03 0.00	6.95 -0.04 0.00	13.77 -0.09 0.00	20.98 -0.10 0.00	22.36 -0.07 0.00	29.50 -0.09 0.00	30.40 -0.05 0.00	25.41 -0.08 0.00	21.00 -0.01 0.00	20.01 0.00 0.00
DOGLEVILLE___HYD 23807	8.59 0.21 0.00	7.81 0.18 0.00	0.29 0.00 0.00	5.33 0.12 0.00	5.95 0.18 0.00	8.61 0.24 0.00	17.80 0.35 0.00	14.68 0.04 0.00	11.67 -0.27 0.00	14.61 -0.57 0.00	13.95 -0.61 0.00	9.18 -0.40 0.00	8.69 -0.31 0.00	8.49 -0.32 0.00	8.03 -0.28 0.00	6.76 -0.23 0.00	13.47 -0.40 0.00	20.67 -0.41 0.00	22.40 -0.02 0.00	29.79 0.19 0.00	30.89 0.44 0.00	25.88 0.39 0.00	21.48 0.48 0.00	20.43 0.42 0.00
DUNKIRK__115KV_TB_200 55889	8.12 -0.25 0.00	7.45 -0.18 0.00	0.29 0.00 0.00	5.20 -0.02 0.00	5.76 -0.01 0.00	8.29 -0.08 0.00	17.11 -0.33 0.00	14.20 -0.44 0.00	11.85 -0.09 0.00	15.34 0.16 0.00	14.81 0.24 0.00	9.69 0.11 0.00	9.10 0.09 0.00	8.69 -0.12 0.00	8.12 -0.19 0.00	6.71 -0.29 0.00	13.11 -0.75 0.00	19.85 -1.23 0.00	21.17 -1.25 0.00	28.60 -1.00 0.00	29.35 -1.09 0.00	22.87 -1.38 1.24	19.87 -1.13 0.00	19.27 -0.74 0.00
DUNKIRK___1 23563	8.12 -0.25 0.00	7.45 -0.18 0.00	0.29 0.00 0.00	5.20 -0.02 0.00	5.76 -0.01 0.00	8.29 -0.08 0.00	17.11 -0.33 0.00	14.20 -0.44 0.00	11.85 -0.09 0.00	15.34 0.16 0.00	14.81 0.24 0.00	9.69 0.11 0.00	9.10 0.09 0.00	8.69 -0.12 0.00	8.12 -0.19 0.00	6.71 -0.29 0.00	13.11 -0.75 0.00	19.85 -1.23 0.00	21.17 -1.25 0.00	28.60 -1.00 0.00	29.35 -1.09 0.00	22.87 -1.38 1.24	19.87 -1.13 0.00	19.27 -0.74 0.00
DUNKIRK___2 23564	8.12 -0.25 0.00	7.45 -0.18 0.00	0.29 0.00 0.00	5.20 -0.02 0.00	5.76 -0.01 0.00	8.29 -0.08 0.00	17.11 -0.33 0.00	14.20 -0.44 0.00	11.85 -0.09 0.00	15.34 0.16 0.00	14.81 0.24 0.00	9.69 0.11 0.00	9.10 0.09 0.00	8.69 -0.12 0.00	8.12 -0.19 0.00	6.71 -0.29 0.00	13.11 -0.75 0.00	19.85 -1.23 0.00	21.17 -1.25 0.00	28.60 -1.00 0.00	29.35 -1.09 0.00	22.87 -1.38 1.24	19.87 -1.13 0.00	19.27 -0.74 0.00
DUNKIRK___3 23565	8.11 -0.27 0.00	7.43 -0.20 0.00	0.28 0.00 0.00	5.18 -0.04 0.00	5.73 -0.04 0.00	8.25 -0.12 0.00	17.05 -0.39 0.00	14.14 -0.50 0.00	11.78 -0.16 0.00	15.23 0.05 0.00	14.70 0.14 0.00	9.62 0.04 0.00	9.04 0.04 0.00	8.67 -0.15 0.00	8.12 -0.20 0.00	6.71 -0.29 0.00	13.11 -0.76 0.00	19.83 -1.25 0.00	21.12 -1.31 0.00	28.49 -1.11 0.00	29.27 -1.18 0.00	22.85 -1.43 1.21	19.84 -1.17 0.00	19.25 -0.76 0.00
DUNKIRK___4 23566	8.11 -0.27 0.00	7.43 -0.20 0.00	0.28 0.00 0.00	5.18 -0.04 0.00	5.73 -0.04 0.00	8.25 -0.12 0.00	17.05 -0.39 0.00	14.14 -0.50 0.00	11.78 -0.16 0.00	15.23 0.05 0.00	14.70 0.14 0.00	9.62 0.04 0.00	9.04 0.04 0.00	8.67 -0.15 0.00	8.12 -0.20 0.00	6.71 -0.29 0.00	13.11 -0.76 0.00	19.83 -1.25 0.00	21.12 -1.31 0.00	28.49 -1.11 0.00	29.27 -1.18 0.00	22.85 -1.43 1.21	19.84 -1.17 0.00	19.25 -0.76 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	8.93 0.56 0.00	8.12 0.49 0.00	0.31 0.02 0.00	5.56 0.34 0.00	6.17 0.39 0.00	8.88 0.51 0.00	18.36 0.92 0.00	15.42 0.78 0.00	12.63 0.69 0.00	16.11 0.93 0.00	15.49 0.92 0.00	10.23 0.65 0.00	9.64 0.64 0.00	9.48 0.66 0.00	8.98 0.67 0.00	7.58 0.59 0.00	15.01 1.15 0.00	22.73 1.65 0.00	24.01 1.59 0.00	31.55 1.96 0.00	32.50 2.05 0.00	27.17 1.68 0.00	22.46 1.45 0.00	21.35 1.34 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	8.87 0.49 0.00	8.07 0.43 0.00	0.31 0.02 0.00	5.53 0.31 0.00	6.13 0.35 0.00	8.83 0.46 0.00	18.29 0.84 0.00	15.38 0.74 0.00	12.59 0.65 0.00	16.00 0.83 0.00	15.36 0.80 0.00	10.14 0.56 0.00	9.56 0.56 0.00	9.39 0.58 0.00	8.89 0.58 0.00	7.51 0.51 0.00	14.90 1.03 0.00	22.62 1.54 0.00	23.95 1.53 0.00	31.50 1.90 0.00	32.47 2.03 0.00	27.16 1.66 0.00	22.42 1.41 0.00	21.30 1.29 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	8.93 0.55 0.00	8.17 0.54 0.00	0.31 0.02 0.00	5.60 0.39 0.00	6.22 0.44 0.00	8.94 0.57 0.00	18.45 1.00 0.00	15.46 0.82 0.00	12.66 0.73 0.00	16.21 1.03 0.00	15.57 1.00 0.00	10.28 0.69 0.00	9.69 0.68 0.00	9.53 0.71 0.00	9.01 0.70 0.00	7.60 0.60 0.00	15.05 1.18 0.00	22.73 1.65 0.00	23.97 1.55 0.00	31.47 1.87 0.00	32.38 1.93 0.00	27.17 1.68 0.00	22.48 1.47 0.00	21.39 1.38 0.00

E179THST_13_KV_LOAD 356214	8.96 0.58 0.00	8.20 0.57 0.00	0.31 0.02 0.00	5.62 0.40 0.00	6.23 0.46 0.00	8.97 0.60 0.00	18.52 1.07 0.00	15.52 0.88 0.00	12.72 0.78 0.00	16.27 1.09 0.00	15.63 1.07 0.00	10.32 0.74 0.00	9.73 0.73 0.00	9.57 0.75 0.00	9.05 0.74 0.00	7.63 0.64 0.00	15.12 1.25 0.00	22.83 1.75 0.00	24.08 1.66 0.00	31.61 2.01 0.00	32.52 2.08 0.00	27.29 1.80 0.00	22.57 1.56 0.00	21.48 1.47 0.00
EAST HAMPTON___GT 23717	11.98 0.67 -2.93	6.69 0.56 1.50	2.62 0.05 -2.29	10.61 0.62 -4.77	10.54 0.79 -3.97	13.84 1.07 -4.41	19.88 1.92 -0.51	14.36 1.38 1.67	6.65 1.26 6.56	16.35 1.74 0.56	13.93 1.64 2.28	-10.91 1.10 21.59	9.93 0.92 0.00	9.79 0.97 0.00	9.69 0.94 -0.44	13.71 0.80 -5.91	15.46 1.23 -0.37	22.90 1.82 0.00	24.41 1.99 0.00	35.13 3.18 -2.35	33.83 3.38 0.00	30.61 2.77 -2.35	27.68 2.36 -4.31	21.53 1.52 0.00
EAST RIVER___6 23660	8.97 0.60 0.00	8.17 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.21 0.43 0.00	8.93 0.56 0.00	18.46 1.02 0.00	15.49 0.85 0.00	12.70 0.76 0.00	16.22 1.04 0.00	15.60 1.04 0.00	10.30 0.72 0.00	9.72 0.71 0.00	9.55 0.73 0.00	9.04 0.73 0.00	7.62 0.63 0.00	15.09 1.23 0.00	22.82 1.74 0.00	24.09 1.67 0.00	31.64 2.04 0.00	32.58 2.14 0.00	27.24 1.74 0.00	22.50 1.49 0.00	21.40 1.39 0.00
EAST RIVER___7 23524	8.97 0.60 0.00	8.17 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.21 0.43 0.00	8.93 0.56 0.00	18.46 1.02 0.00	15.49 0.85 0.00	12.70 0.76 0.00	16.22 1.04 0.00	15.60 1.04 0.00	10.30 0.72 0.00	9.72 0.71 0.00	9.55 0.73 0.00	9.04 0.73 0.00	7.62 0.63 0.00	15.09 1.23 0.00	22.82 1.74 0.00	24.09 1.67 0.00	31.64 2.04 0.00	32.58 2.14 0.00	27.24 1.74 0.00	22.50 1.49 0.00	21.40 1.39 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	8.91 0.54 0.00	8.11 0.47 0.00	0.31 0.02 0.00	5.55 0.33 0.00	6.16 0.39 0.00	8.87 0.50 0.00	18.34 0.90 0.00	15.40 0.76 0.00	12.61 0.67 0.00	16.07 0.90 0.00	15.44 0.88 0.00	10.20 0.62 0.00	9.62 0.61 0.00	9.45 0.64 0.00	8.95 0.64 0.00	7.55 0.56 0.00	14.97 1.11 0.00	22.68 1.60 0.00	23.96 1.54 0.00	31.48 1.88 0.00	32.43 1.99 0.00	27.12 1.63 0.00	22.42 1.41 0.00	21.31 1.30 0.00
EAST_HAMPTON___DIESEL 23722	11.96 0.65 -2.93	6.67 0.53 1.50	2.62 0.04 -2.29	10.60 0.62 -4.77	10.54 0.79 -3.97	13.84 1.07 -4.41	19.87 1.91 -0.51	14.36 1.38 1.67	6.64 1.26 6.56	16.35 1.74 0.56	13.93 1.64 2.28	-10.91 1.10 21.59	9.92 0.92 0.00	9.78 0.97 0.00	9.69 0.93 -0.44	13.70 0.79 -5.91	15.43 1.19 -0.37	22.85 1.77 0.00	24.36 1.94 0.00	35.08 3.13 -2.35	33.79 3.34 0.00	30.57 2.73 -2.35	27.66 2.34 -4.31	21.49 1.48 0.00
EAST_POINT___SOLAR 323840	8.86 0.49 0.00	8.06 0.42 0.00	0.30 0.02 0.00	5.52 0.30 0.00	6.09 0.31 0.00	8.85 0.48 0.00	18.39 0.95 0.00	15.01 0.36 0.00	11.80 -0.14 0.00	14.91 -0.26 0.00	14.29 -0.27 0.00	9.39 -0.20 0.00	8.86 -0.14 0.00	8.64 -0.18 0.00	8.12 -0.19 0.00	6.83 -0.17 0.00	13.58 -0.28 0.00	20.86 -0.22 0.00	23.05 0.63 0.00	31.04 1.44 0.00	32.20 1.76 0.00	26.89 1.40 0.00	22.10 1.09 0.00	21.00 0.98 0.00
EAST_PULASKI___ESR 323781	8.34 -0.03 0.00	7.59 -0.05 0.00	0.29 0.00 0.00	5.17 -0.05 0.00	5.71 -0.07 0.00	8.21 -0.15 0.00	17.08 -0.36 0.00	14.27 -0.37 0.00	11.60 -0.34 0.00	14.67 -0.50 0.00	14.10 -0.46 0.00	9.28 -0.30 0.00	8.70 -0.31 0.00	8.50 -0.31 0.00	7.99 -0.32 0.00	6.69 -0.31 0.00	13.22 -0.65 0.00	20.26 -0.82 0.00	21.67 -0.75 0.00	28.68 -0.92 0.00	29.63 -0.82 0.00	24.72 -0.77 0.00	20.37 -0.63 0.00	19.43 -0.58 0.00
EAST_RIVER___1 323558	8.97 0.60 0.00	8.17 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.21 0.43 0.00	8.93 0.56 0.00	18.46 1.01 0.00	15.49 0.85 0.00	12.70 0.76 0.00	16.22 1.04 0.00	15.61 1.04 0.00	10.30 0.72 0.00	9.72 0.71 0.00	9.55 0.73 0.00	9.04 0.73 0.00	7.63 0.63 0.00	15.10 1.23 0.00	22.82 1.74 0.00	24.09 1.67 0.00	31.63 2.03 0.00	32.57 2.12 0.00	27.22 1.73 0.00	22.50 1.49 0.00	21.40 1.39 0.00
EAST_RIVER___2 323559	8.97 0.60 0.00	8.17 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.21 0.43 0.00	8.93 0.56 0.00	18.46 1.02 0.00	15.49 0.85 0.00	12.70 0.76 0.00	16.22 1.04 0.00	15.60 1.04 0.00	10.30 0.72 0.00	9.72 0.71 0.00	9.55 0.73 0.00	9.04 0.73 0.00	7.62 0.63 0.00	15.09 1.23 0.00	22.82 1.74 0.00	24.09 1.67 0.00	31.64 2.04 0.00	32.58 2.14 0.00	27.24 1.74 0.00	22.50 1.49 0.00	21.40 1.39 0.00
EAST___DELAWARE_HYD 23607	8.66 0.29 0.00	7.88 0.25 0.00	0.30 0.01 0.00	5.40 0.18 0.00	5.99 0.21 0.00	8.63 0.26 0.00	17.88 0.43 0.00	14.96 0.32 0.00	12.24 0.30 0.00	15.51 0.34 0.00	14.87 0.30 0.00	9.80 0.22 0.00	9.24 0.23 0.00	9.07 0.25 0.00	8.59 0.28 0.00	7.25 0.26 0.00	14.41 0.54 0.00	21.93 0.86 0.00	23.30 0.88 0.00	30.69 1.09 0.00	31.66 1.21 0.00	26.49 1.00 0.00	21.83 0.82 0.00	20.71 0.70 0.00
EIGHT_POINT___WT_PWR 323820	8.19 -0.19 0.00	7.54 -0.10 0.00	0.28 -0.01 0.00	5.19 -0.03 0.00	5.76 -0.02 0.00	8.25 -0.11 0.00	17.19 -0.25 0.00	14.17 -0.47 0.00	11.66 -0.28 0.00	14.98 -0.19 0.00	14.25 -0.31 0.00	9.29 -0.29 0.00	8.76 -0.24 0.00	8.46 -0.35 0.00	7.90 -0.41 0.00	6.51 -0.49 0.00	12.81 -1.06 0.00	19.20 -1.88 0.00	20.28 -2.14 0.00	27.92 -1.68 0.00	29.23 -1.22 0.00	21.14 -1.27 3.08	20.04 -0.97 0.00	19.49 -0.52 0.00
ELBRIDGE_115KV_TB2 80188	8.30 -0.08 0.00	7.56 -0.07 0.00	0.29 0.00 0.00	5.19 -0.03 0.00	5.74 -0.03 0.00	8.30 -0.06 0.00	17.29 -0.16 0.00	14.43 -0.21 0.00	11.77 -0.17 0.00	14.96 -0.21 0.00	14.36 -0.20 0.00	9.44 -0.14 0.00	8.88 -0.12 0.00	8.69 -0.13 0.00	8.16 -0.15 0.00	6.84 -0.16 0.00	13.50 -0.36 0.00	20.52 -0.56 0.00	21.78 -0.64 0.00	28.88 -0.71 0.00	29.75 -0.70 0.00	25.97 -0.67 -1.15	20.50 -0.51 0.00	19.61 -0.41 0.00
ELEC_TRO_TEK 24086	48.17 0.71 -39.08	27.35 0.63 -19.08	26.31 0.02 -26.00	43.26 0.45 -37.59	37.77 0.51 -31.48	58.12 0.68 -49.08	64.37 1.24 -45.68	48.59 0.97 -32.97	92.09 0.89 -79.25	63.72 1.19 -47.35	61.91 1.13 -46.21	205.02 0.78 -194.66	9.74 0.73 0.00	9.59 0.77 0.00	9.87 0.77 -0.79	18.14 0.69 -10.46	15.84 1.33 -0.65	22.98 1.91 0.00	24.23 1.81 0.00	36.15 2.39 -4.16	32.86 2.42 0.00	31.68 2.03 -4.16	30.40 1.77 -7.63	21.52 1.52 0.00
ELLENBURG_WT_PWR 323604	8.24 -0.14 0.00	7.50 -0.13 0.00	0.27 -0.01 0.00	5.08 -0.14 0.00	5.60 -0.17 0.00	8.16 -0.20 0.00	17.06 -0.39 0.00	14.38 -0.26 0.00	11.74 -0.19 0.00	14.96 -0.22 0.00	14.32 -0.25 0.00	9.34 -0.25 0.00	8.71 -0.29 0.00	8.54 -0.28 0.00	8.07 -0.24 0.00	6.85 -0.15 0.00	13.81 -0.06 0.00	20.99 -0.09 0.00	22.39 -0.03 0.00	29.82 0.23 0.00	30.68 0.23 0.00	25.54 0.05 0.00	20.84 -0.17 0.00	19.77 -0.24 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	8.02 -0.36 0.00	7.34 -0.29 0.00	0.28 -0.01 0.00	5.09 -0.12 0.00	5.63 -0.14 0.00	8.12 -0.25 0.00	16.91 -0.54 0.00	14.02 -0.62 0.00	11.62 -0.31 0.00	14.98 -0.19 0.00	14.47 -0.09 0.00	9.48 -0.10 0.00	8.93 -0.07 0.00	8.61 -0.20 0.00	8.07 -0.24 0.00	6.68 -0.31 0.00	13.06 -0.81 0.00	19.72 -1.36 0.00	20.98 -1.44 0.00	28.21 -1.39 0.00	29.01 -1.44 0.00	22.77 -1.63 1.09	19.63 -1.38 0.00	19.06 -0.95 0.00
EMPIRE_CC_1 323656	8.64 0.26 0.00	7.87 0.24 0.00	0.30 0.01 0.00	5.38 0.16 0.00	5.97 0.19 0.00	8.61 0.24 0.00	17.76 0.31 0.00	14.84 0.20 0.00	12.07 0.13 0.00	15.29 0.11 0.00	14.65 0.08 0.00	9.64 0.06 0.00	9.08 0.07 0.00	8.90 0.08 0.00	8.40 0.09 0.00	7.07 0.08 0.00	14.02 0.15 0.00	21.26 0.18 0.00	22.59 0.16 0.00	29.70 0.10 0.00	30.59 0.14 0.00	25.64 0.15 0.00	21.28 0.27 0.00	20.28 0.27 0.00
EMPIRE_CC_2 323658	8.64 0.26 0.00	7.87 0.24 0.00	0.30 0.01 0.00	5.38 0.16 0.00	5.97 0.19 0.00	8.61 0.24 0.00	17.76 0.31 0.00	14.84 0.20 0.00	12.07 0.13 0.00	15.29 0.11 0.00	14.65 0.08 0.00	9.64 0.06 0.00	9.08 0.07 0.00	8.90 0.08 0.00	8.40 0.09 0.00	7.07 0.08 0.00	14.02 0.15 0.00	21.26 0.18 0.00	22.59 0.16 0.00	29.70 0.10 0.00	30.59 0.14 0.00	25.64 0.15 0.00	21.28 0.27 0.00	20.28 0.27 0.00
ENORWICH_115KV_TB1 80156	8.87 0.49 0.00	8.07 0.44 0.00	0.29 0.01 0.00	5.52 0.30 0.00	6.14 0.37 0.00	8.92 0.55 0.00	18.59 1.14 0.00	15.41 0.77 0.00	12.44 0.50 0.00	15.62 0.44 0.00	14.83 0.26 0.00	9.73 0.15 0.00	9.17 0.16 0.00	8.90 0.08 0.00	8.43 0.11 0.00	7.04 0.05 0.00	13.94 0.08 0.00	21.48 0.40 0.00	23.17 0.75 0.00	31.43 1.83 0.00	32.49 2.04 0.00	33.92 1.58 -6.85	22.25 1.24 0.00	21.13 1.12 0.00
ERIE_ST__34_KV_TB1-2 80199	8.13 -0.24 0.00	7.44 -0.19 0.00	0.28 -0.01 0.00	5.15 -0.07 0.00	5.71 -0.07 0.00	8.22 -0.15 0.00	17.11 -0.34 0.00	14.19 -0.45 0.00	11.77 -0.16 0.00	15.18 0.00 0.00	14.65 0.09 0.00	9.60 0.02 0.00	9.03 0.03 0.00	8.72 -0.10 0.00	8.18 -0.13 0.00	6.77 -0.22 0.00	13.25 -0.62 0.00	20.01 -1.06 0.00	21.28 -1.14 0.00	28.63 -0.97 0.00	29.48 -0.97 0.00	23.06 -1.24 1.20	19.96 -1.04 0.00	19.36 -0.65 0.00
ERIE_WT_PWR 323693	8.06 -0.31 0.00	7.38 -0.25 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.67 -0.11 0.00	8.16 -0.21 0.00	16.99 -0.45 0.00	14.08 -0.56 0.00	11.68 -0.26 0.00	15.05 -0.13 0.00	14.53 -0.03 0.00	9.52 -0.06 0.00	8.96 -0.04 0.00	8.64 -0.17 0.00	8.11 -0.20 0.00	6.70 -0.29 0.00	13.10 -0.77 0.00	19.80 -1.27 0.00	21.05 -1.37 0.00	28.35 -1.25 0.00	29.15 -1.30 0.00	22.83 -1.48 1.18	19.75 -1.26 0.00	19.16 -0.85 0.00
ESPRGFLD_115KV_TB1 80157	8.72 0.34 0.00	7.93 0.30 0.00	0.30 0.01 0.00	5.44 0.22 0.00	6.01 0.23 0.00	8.70 0.33 0.00	18.14 0.69 0.00	15.10 0.46 0.00	12.27 0.33 0.00	15.58 0.41 0.00	14.95 0.38 0.00	9.82 0.24 0.00	9.24 0.24 0.00	9.01 0.19 0.00	8.49 0.17 0.00	7.12 0.13 0.00	14.08 0.21 0.00	21.47 0.40 0.00	23.08 0.66 0.00	30.76 1.16 0.00	31.74 1.30 0.00	26.51 1.01 0.00	21.77 0.76 0.00	20.68 0.66 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	8.52 0.15 0.00	7.76 0.13 0.00	0.29 0.00 0.00	5.32 0.10 0.00	5.90 0.13 0.00	8.53 0.17 0.00	17.75 0.30 0.00	14.77 0.13 0.00	12.02 0.08 0.00	15.22 0.04 0.00	14.58 0.02 0.00	9.58 0.00 0.00	9.01 0.01 0.00	8.80 -0.02 0.00	8.28 -0.03 0.00	6.93 -0.06 0.00	13.73 -0.14 0.00	20.82 -0.26 0.00	21.98 -0.44 0.00	29.36 -0.24 0.00	30.30 -0.15 0.00	41.03 -0.23 -15.76	20.82 -0.19 0.00	19.95 -0.07 0.00
ETNA____115KV_TB2 80207	8.52 0.15 0.00	7.76 0.13 0.00	0.29 0.00 0.00	5.32 0.10 0.00	5.90 0.13 0.00	8.53 0.17 0.00	17.75 0.30 0.00	14.77 0.13 0.00	12.02 0.08 0.00	15.22 0.04 0.00	14.58 0.02 0.00	9.58 0.00 0.00	9.01 0.01 0.00	8.80 -0.02 0.00	8.28 -0.03 0.00	6.93 -0.06 0.00	13.73 -0.14 0.00	20.82 -0.26 0.00	21.98 -0.44 0.00	29.36 -0.24 0.00	30.30 -0.15 0.00	41.03 -0.23 -15.76	20.82 -0.19 0.00	19.95 -0.07 0.00
EUCLID___115KV_TB2 356179	8.33 -0.04 0.00	7.59 -0.04 0.00	0.29 0.00 0.00	5.21 -0.01 0.00	5.77 -0.01 0.00	8.33 -0.04 0.00	17.32 -0.12 0.00	14.46 -0.19 0.00	11.79 -0.15 0.00	14.99 -0.19 0.00	14.40 -0.17 0.00	9.47 -0.11 0.00	8.91 -0.09 0.00	8.71 -0.10 0.00	8.19 -0.12 0.00	6.86 -0.13 0.00	13.56 -0.31 0.00	20.58 -0.50 0.00	21.84 -0.58 0.00	28.90 -0.69 0.00	29.76 -0.68 0.00	25.23 -0.65 -0.39	20.52 -0.49 0.00	19.63 -0.38 0.00
E_CANADA_CAP_HY 24051	8.77 0.39 0.00	7.97 0.33 0.00	0.30 0.02 0.00	5.46 0.24 0.00	6.03 0.25 0.00	8.73 0.36 0.00	18.19 0.74 0.00	15.11 0.46 0.00	12.15 0.21 0.00	15.40 0.22 0.00	14.77 0.20 0.00	9.70 0.12 0.00	9.14 0.13 0.00	8.90 0.08 0.00	8.37 0.06 0.00	7.02 0.03 0.00	13.91 0.04 0.00	21.23 0.16 0.00	22.98 0.55 0.00	30.72 1.13 0.00	31.76 1.32 0.00	26.53 1.04 0.00	21.83 0.82 0.00	20.76 0.75 0.00
E_CANADA_MHWK_HY 24050	8.59 0.21 0.00	7.81 0.18 0.00	0.29 0.00 0.00	5.33 0.11 0.00	5.95 0.18 0.00	8.61 0.24 0.00	17.80 0.35 0.00	14.68 0.04 0.00	11.67 -0.27 0.00	14.61 -0.57 0.00	13.95 -0.61 0.00	9.18 -0.40 0.00	8.69 -0.31 0.00	8.49 -0.32 0.00	8.03 -0.29 0.00	6.76 -0.23 0.00	13.47 -0.39 0.00	20.67 -0.41 0.00	22.40 -0.02 0.00	29.79 0.19 0.00	30.89 0.44 0.00	25.88 0.39 0.00	21.48 0.47 0.00	20.43 0.42 0.00
E_FISHKILL___LBMP 23776	8.86 0.48 0.00	8.06 0.42 0.00	0.30 0.02 0.00	5.51 0.30 0.00	6.12 0.34 0.00	8.82 0.45 0.00	18.24 0.79 0.00	15.31 0.67 0.00	12.52 0.58 0.00	15.93 0.76 0.00	15.30 0.74 0.00	10.11 0.53 0.00	9.53 0.52 0.00	9.36 0.54 0.00	8.86 0.54 0.00	7.47 0.48 0.00	14.82 0.95 0.00	22.47 1.40 0.00	23.77 1.36 0.00	31.24 1.64 0.00	32.19 1.75 0.00	26.92 1.43 0.00	22.26 1.25 0.00	21.17 1.16 0.00
FALCON___SEABRD_CC1 323796	8.32 -0.06 0.00	7.57 -0.06 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.66 -0.11 0.00	8.26 -0.11 0.00	17.23 -0.22 0.00	14.51 -0.13 0.00	11.85 -0.08 0.00	15.06 -0.12 0.00	14.42 -0.15 0.00	9.40 -0.18 0.00	8.78 -0.22 0.00	8.60 -0.21 0.00	8.13 -0.17 0.00	6.89 -0.10 0.00	13.94 0.07 0.00	21.20 0.13 0.00	22.60 0.18 0.00	30.11 0.51 0.00	31.00 0.55 0.00	25.82 0.33 0.00	21.06 0.05 0.00	19.97 -0.04 0.00
FALCON___SEABRD_CC2 323797	8.32 -0.06 0.00	7.57 -0.06 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.66 -0.11 0.00	8.26 -0.11 0.00	17.23 -0.22 0.00	14.51 -0.13 0.00	11.85 -0.08 0.00	15.06 -0.12 0.00	14.42 -0.15 0.00	9.40 -0.18 0.00	8.78 -0.22 0.00	8.60 -0.21 0.00	8.13 -0.17 0.00	6.89 -0.10 0.00	13.94 0.07 0.00	21.20 0.13 0.00	22.60 0.18 0.00	30.11 0.51 0.00	31.00 0.55 0.00	25.82 0.33 0.00	21.06 0.05 0.00	19.97 -0.04 0.00

FAR ROCKAWAY___4 23548	91.01 0.82 -81.82	56.81 0.73 -48.45	60.40 0.03 -60.08	92.32 0.52 -86.59	79.37 0.59 -73.01	115.68 0.79 -106.52	122.01 1.42 -103.14	95.89 1.13 -80.11	205.57 1.06 -192.58	126.70 1.39 -110.13	127.84 1.32 -111.96	507.91 0.91 -497.42	9.85 0.85 0.00	9.71 0.89 0.00	9.92 0.89 -0.72	17.36 0.79 -9.58	16.00 1.53 -0.59	23.31 2.23 0.00	24.60 2.18 0.00	36.30 2.89 -3.81	33.37 2.92 0.00	31.71 2.40 -3.81	30.05 2.06 -6.98	21.88 1.87 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	8.98 0.60 0.00	8.17 0.54 0.00	0.31 0.02 0.00	5.60 0.38 0.00	6.21 0.43 0.00	8.93 0.57 0.00	18.47 1.02 0.00	15.50 0.86 0.00	12.71 0.77 0.00	16.24 1.06 0.00	15.62 1.05 0.00	10.31 0.73 0.00	9.72 0.72 0.00	9.56 0.74 0.00	9.04 0.73 0.00	7.63 0.64 0.00	15.10 1.23 0.00	22.83 1.75 0.00	24.10 1.68 0.00	31.64 2.04 0.00	32.57 2.13 0.00	27.24 1.75 0.00	22.50 1.50 0.00	21.40 1.39 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	8.98 0.61 0.00	8.17 0.54 0.00	0.31 0.02 0.00	5.60 0.38 0.00	6.21 0.44 0.00	8.94 0.57 0.00	18.47 1.02 0.00	15.50 0.86 0.00	12.71 0.77 0.00	16.24 1.06 0.00	15.62 1.05 0.00	10.31 0.73 0.00	9.72 0.72 0.00	9.56 0.74 0.00	9.04 0.73 0.00	7.63 0.64 0.00	15.10 1.24 0.00	22.83 1.75 0.00	24.10 1.68 0.00	31.65 2.05 0.00	32.58 2.14 0.00	27.25 1.76 0.00	22.52 1.51 0.00	21.41 1.40 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	8.98 0.60 0.00	8.17 0.53 0.00	0.31 0.02 0.00	5.59 0.38 0.00	6.21 0.43 0.00	8.93 0.56 0.00	18.46 1.01 0.00	15.50 0.85 0.00	12.70 0.76 0.00	16.23 1.05 0.00	15.61 1.05 0.00	10.31 0.73 0.00	9.72 0.72 0.00	9.55 0.74 0.00	9.04 0.73 0.00	7.63 0.63 0.00	15.10 1.23 0.00	22.82 1.74 0.00	24.09 1.67 0.00	31.62 2.02 0.00	32.56 2.11 0.00	27.23 1.73 0.00	22.50 1.49 0.00	21.40 1.39 0.00
FARRAGUT___LBMP 323566	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.20 0.43 0.00	8.92 0.56 0.00	18.45 1.00 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.21 1.03 0.00	15.59 1.03 0.00	10.30 0.72 0.00	9.71 0.71 0.00	9.54 0.73 0.00	9.03 0.72 0.00	7.62 0.62 0.00	15.08 1.21 0.00	22.79 1.72 0.00	24.06 1.64 0.00	31.59 2.00 0.00	32.53 2.09 0.00	27.20 1.71 0.00	22.48 1.47 0.00	21.38 1.37 0.00
FENNER___WINDPWR 24204	8.55 0.17 0.00	7.78 0.14 0.00	0.29 0.01 0.00	5.32 0.10 0.00	5.90 0.12 0.00	8.51 0.14 0.00	17.70 0.25 0.00	14.82 0.18 0.00	12.04 0.10 0.00	15.22 0.05 0.00	14.59 0.02 0.00	9.60 0.02 0.00	8.99 -0.01 0.00	8.80 -0.01 0.00	8.27 -0.04 0.00	6.94 -0.06 0.00	13.78 -0.08 0.00	21.14 0.06 0.00	22.66 0.23 0.00	30.13 0.53 0.00	31.11 0.66 0.00	25.96 0.47 0.00	21.37 0.36 0.00	20.33 0.32 0.00
FIBERTEK___ENERGY 23856	8.37 -0.01 0.00	7.62 -0.01 0.00	0.29 0.00 0.00	5.23 0.01 0.00	5.79 0.02 0.00	8.37 0.00 0.00	17.42 -0.03 0.00	14.54 -0.10 0.00	11.85 -0.09 0.00	15.06 -0.12 0.00	14.46 -0.11 0.00	9.51 -0.08 0.00	8.95 -0.06 0.00	8.75 -0.07 0.00	8.22 -0.09 0.00	6.89 -0.11 0.00	13.62 -0.25 0.00	20.69 -0.39 0.00	21.97 -0.45 0.00	29.10 -0.50 0.00	29.96 -0.49 0.00	25.89 -0.49 -0.88	20.64 -0.37 0.00	19.74 -0.27 0.00
FITZPATRICK___ 23598	8.19 -0.19 0.00	7.46 -0.17 0.00	0.28 -0.01 0.00	5.11 -0.10 0.00	5.66 -0.11 0.00	8.18 -0.19 0.00	17.03 -0.42 0.00	14.23 -0.42 0.00	11.60 -0.34 0.00	14.75 -0.43 0.00	14.16 -0.41 0.00	9.31 -0.26 0.00	8.76 -0.24 0.00	8.57 -0.25 0.00	8.06 -0.25 0.00	6.75 -0.24 0.00	13.33 -0.53 0.00	20.25 -0.83 0.00	21.52 -0.90 0.00	28.45 -1.15 0.00	29.28 -1.16 0.00	24.47 -1.02 0.00	20.21 -0.79 0.00	19.32 -0.69 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	8.95 0.57 0.00	8.14 0.50 0.00	0.31 0.02 0.00	5.57 0.35 0.00	6.18 0.40 0.00	8.91 0.54 0.00	18.44 1.00 0.00	15.50 0.86 0.00	12.68 0.75 0.00	16.12 0.95 0.00	15.47 0.91 0.00	10.22 0.63 0.00	9.63 0.63 0.00	9.46 0.65 0.00	8.96 0.64 0.00	7.56 0.57 0.00	15.02 1.15 0.00	22.81 1.73 0.00	24.16 1.74 0.00	31.77 2.17 0.00	32.74 2.30 0.00	27.36 1.87 0.00	22.59 1.58 0.00	21.46 1.45 0.00
FORT ORANGE___ 23900	8.66 0.29 0.00	7.90 0.26 0.00	0.30 0.01 0.00	5.40 0.18 0.00	5.98 0.21 0.00	8.63 0.27 0.00	17.79 0.34 0.00	14.87 0.22 0.00	12.10 0.16 0.00	15.31 0.13 0.00	14.67 0.10 0.00	9.66 0.08 0.00	9.10 0.09 0.00	8.93 0.11 0.00	8.42 0.11 0.00	7.09 0.10 0.00	14.06 0.19 0.00	21.35 0.28 0.00	22.72 0.30 0.00	29.97 0.37 0.00	30.90 0.46 0.00	25.86 0.37 0.00	21.42 0.41 0.00	20.38 0.37 0.00
FORT_DRUM_COGEN 23780	8.51 0.14 0.00	7.71 0.07 0.00	0.29 0.00 0.00	5.16 -0.06 0.00	5.65 -0.13 0.00	8.06 -0.30 0.00	16.80 -0.65 0.00	14.03 -0.61 0.00	11.35 -0.59 0.00	14.20 -0.98 0.00	13.66 -0.90 0.00	8.98 -0.60 0.00	8.31 -0.69 0.00	8.12 -0.70 0.00	7.61 -0.70 0.00	6.38 -0.61 0.00	12.70 -1.17 0.00	19.93 -1.14 0.00	21.68 -0.74 0.00	28.72 -0.88 0.00	29.85 -0.60 0.00	24.69 -0.80 0.00	20.25 -0.75 0.00	19.17 -0.84 0.00
FOX_HILLS___ESR 323835	8.97 0.60 0.00	8.23 0.60 0.00	0.31 0.03 0.00	5.65 0.43 0.00	6.27 0.49 0.00	8.97 0.61 0.00	18.55 1.11 0.00	15.57 0.93 0.00	12.75 0.81 0.00	16.28 1.10 0.00	15.65 1.08 0.00	10.33 0.75 0.00	9.74 0.73 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.90 1.82 0.00	24.18 1.76 0.00	31.78 2.18 0.00	32.73 2.28 0.00	27.40 1.91 0.00	22.60 1.59 0.00	21.49 1.48 0.00
FPL_FAR_ROCK_GT1 24212	91.01 0.82 -81.82	56.81 0.72 -48.45	60.40 0.03 -60.08	92.32 0.52 -86.59	79.38 0.59 -73.01	115.68 0.79 -106.52	122.01 1.43 -103.14	95.89 1.13 -80.11	205.57 1.06 -192.58	126.70 1.39 -110.13	127.84 1.32 -111.96	507.91 0.91 -497.42	9.85 0.85 0.00	9.71 0.89 0.00	9.92 0.89 -0.72	17.36 0.79 -9.58	16.00 1.53 -0.59	23.31 2.23 0.00	24.60 2.18 0.00	36.30 2.89 -3.81	33.38 2.93 0.00	31.70 2.40 -3.81	30.05 2.06 -6.98	21.88 1.87 0.00
FPL_FAR_ROCK_GT2 23815	91.01 0.82 -81.82	56.81 0.72 -48.45	60.40 0.03 -60.08	92.32 0.52 -86.59	79.38 0.59 -73.01	115.68 0.79 -106.52	122.01 1.43 -103.14	95.89 1.13 -80.11	205.57 1.06 -192.58	126.70 1.39 -110.13	127.84 1.32 -111.96	507.91 0.91 -497.42	9.85 0.85 0.00	9.71 0.89 0.00	9.92 0.89 -0.72	17.36 0.79 -9.58	16.00 1.53 -0.59	23.31 2.23 0.00	24.60 2.18 0.00	36.30 2.89 -3.81	33.38 2.93 0.00	31.70 2.40 -3.81	30.05 2.06 -6.98	21.88 1.87 0.00
FRANKLIN_FALL_HYD 24054	8.27 -0.11 0.00	7.52 -0.11 0.00	0.28 -0.01 0.00	5.08 -0.14 0.00	5.61 -0.16 0.00	8.21 -0.15 0.00	17.20 -0.25 0.00	14.49 -0.15 0.00	11.80 -0.14 0.00	15.01 -0.17 0.00	14.38 -0.19 0.00	9.37 -0.21 0.00	8.73 -0.27 0.00	8.56 -0.25 0.00	8.09 -0.22 0.00	6.87 -0.13 0.00	13.86 0.00 0.00	21.13 0.05 0.00	22.52 0.10 0.00	29.99 0.39 0.00	30.92 0.47 0.00	25.77 0.28 0.00	21.00 -0.01 0.00	19.90 -0.11 0.00

FREEPORT_EQUUS_GT1 23764	40.00 0.76 -30.86	24.69 0.67 -16.39	23.04 0.02 -22.73	37.57 0.48 -31.87	32.70 0.55 -26.37	47.75 0.74 -38.64	54.73 1.35 -35.93	41.27 1.06 -25.57	78.32 0.92 -65.46	53.36 1.24 -36.94	51.71 1.19 -35.95	175.18 0.79 -164.81	9.76 0.76 0.00	9.63 0.81 0.00	9.72 0.81 -0.60	15.68 0.73 -7.96	15.77 1.41 -0.49	23.13 2.06 0.00	24.38 1.96 0.00	35.37 2.61 -3.16	33.10 2.65 0.00	30.87 2.21 -3.16	28.73 1.93 -5.80	21.66 1.65 0.00
FREEPORT___CT2 23818	40.00 0.76 -30.86	24.69 0.67 -16.39	23.04 0.02 -22.73	37.57 0.48 -31.87	32.70 0.55 -26.37	47.75 0.74 -38.64	54.73 1.35 -35.93	41.27 1.06 -25.57	78.32 0.92 -65.46	53.36 1.24 -36.94	51.71 1.19 -35.95	175.18 0.79 -164.81	9.76 0.76 0.00	9.63 0.81 0.00	9.72 0.81 -0.60	15.68 0.73 -7.96	15.77 1.41 -0.49	23.13 2.06 0.00	24.38 1.96 0.00	35.37 2.61 -3.16	33.10 2.65 0.00	30.87 2.21 -3.16	28.73 1.93 -5.80	21.66 1.65 0.00
FRESHKLS_33_KV_LOAD 356253	8.98 0.60 0.00	8.26 0.63 0.00	0.31 0.02 0.00	5.68 0.46 0.00	6.29 0.52 0.00	9.00 0.64 0.00	18.61 1.16 0.00	15.60 0.96 0.00	12.78 0.84 0.00	16.30 1.12 0.00	15.66 1.10 0.00	10.34 0.75 0.00	9.74 0.74 0.00	9.59 0.77 0.00	9.07 0.76 0.00	7.66 0.67 0.00	15.16 1.30 0.00	22.94 1.86 0.00	24.24 1.82 0.00	31.85 2.25 0.00	32.82 2.37 0.00	27.47 1.98 0.00	22.65 1.64 0.00	21.54 1.53 0.00
FULTON COGEN____ 23766	8.25 -0.12 0.00	7.52 -0.11 0.00	0.28 0.00 0.00	5.16 -0.06 0.00	5.71 -0.06 0.00	8.25 -0.11 0.00	17.18 -0.27 0.00	14.35 -0.29 0.00	11.69 -0.25 0.00	14.85 -0.33 0.00	14.25 -0.31 0.00	9.37 -0.21 0.00	8.82 -0.19 0.00	8.63 -0.19 0.00	8.11 -0.20 0.00	6.79 -0.20 0.00	13.43 -0.44 0.00	20.41 -0.66 0.00	21.72 -0.70 0.00	28.71 -0.89 0.00	29.57 -0.88 0.00	24.69 -0.80 0.00	20.38 -0.63 0.00	19.48 -0.53 0.00
FULTON___LFGE 323630	8.82 0.44 0.00	8.02 0.38 0.00	0.30 0.02 0.00	5.49 0.27 0.00	6.08 0.30 0.00	8.80 0.43 0.00	18.30 0.86 0.00	15.15 0.51 0.00	12.00 0.06 0.00	15.15 -0.03 0.00	14.52 -0.05 0.00	9.53 -0.05 0.00	8.98 -0.02 0.00	8.77 -0.04 0.00	8.25 -0.07 0.00	6.94 -0.06 0.00	13.78 -0.08 0.00	21.13 0.05 0.00	23.02 0.60 0.00	30.90 1.30 0.00	32.00 1.55 0.00	26.73 1.24 0.00	21.99 0.99 0.00	20.90 0.89 0.00
G.F.CEMENT___DRP 24184	8.92 0.54 0.00	8.11 0.48 0.00	0.30 0.02 0.00	5.54 0.32 0.00	6.17 0.40 0.00	8.96 0.60 0.00	18.64 1.19 0.00	15.55 0.91 0.00	12.52 0.58 0.00	15.76 0.58 0.00	15.09 0.53 0.00	9.96 0.38 0.00	9.38 0.38 0.00	9.14 0.33 0.00	8.60 0.29 0.00	7.23 0.24 0.00	14.45 0.58 0.00	22.10 1.02 0.00	23.60 1.18 0.00	31.18 1.58 0.00	32.14 1.69 0.00	26.81 1.32 0.00	22.20 1.19 0.00	21.10 1.09 0.00
GARDENVILLE___LBMP 24039	8.05 -0.33 0.00	7.37 -0.27 0.00	0.28 -0.01 0.00	5.10 -0.11 0.00	5.65 -0.12 0.00	8.13 -0.23 0.00	16.95 -0.50 0.00	14.03 -0.62 0.00	11.62 -0.31 0.00	14.97 -0.20 0.00	14.44 -0.13 0.00	9.46 -0.12 0.00	8.91 -0.10 0.00	8.59 -0.22 0.00	8.05 -0.27 0.00	6.65 -0.34 0.00	13.01 -0.85 0.00	19.64 -1.44 0.00	20.90 -1.53 0.00	28.21 -1.40 0.00	29.05 -1.40 0.00	22.56 -1.60 1.33	19.68 -1.33 0.00	19.12 -0.89 0.00
GARDNVLA_35_KV_LD 355827	8.08 -0.30 0.00	7.39 -0.24 0.00	0.28 -0.01 0.00	5.13 -0.09 0.00	5.67 -0.11 0.00	8.17 -0.20 0.00	17.01 -0.43 0.00	14.10 -0.54 0.00	11.70 -0.24 0.00	15.07 -0.11 0.00	14.55 -0.01 0.00	9.53 -0.05 0.00	8.97 -0.03 0.00	8.65 -0.16 0.00	8.11 -0.20 0.00	6.71 -0.28 0.00	13.13 -0.74 0.00	19.83 -1.25 0.00	21.09 -1.33 0.00	28.41 -1.19 0.00	29.23 -1.22 0.00	22.86 -1.45 1.18	19.79 -1.22 0.00	19.20 -0.82 0.00
GELCKHM___115KV_LOAD 80723	8.35 -0.03 0.00	7.60 -0.03 0.00	0.29 0.00 0.00	5.21 -0.01 0.00	5.77 0.00 0.00	8.34 -0.02 0.00	17.36 -0.09 0.00	14.48 -0.16 0.00	11.81 -0.12 0.00	15.01 -0.16 0.00	14.42 -0.15 0.00	9.48 -0.10 0.00	8.92 -0.08 0.00	8.73 -0.08 0.00	8.20 -0.11 0.00	6.87 -0.12 0.00	13.58 -0.29 0.00	20.62 -0.45 0.00	21.89 -0.53 0.00	28.98 -0.62 0.00	29.84 -0.61 0.00	25.50 -0.58 -0.58	20.56 -0.44 0.00	19.67 -0.34 0.00
GENERAL___MILLS 23808	8.06 -0.31 0.00	7.38 -0.25 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.67 -0.11 0.00	8.15 -0.21 0.00	16.99 -0.46 0.00	14.08 -0.56 0.00	11.68 -0.26 0.00	15.05 -0.13 0.00	14.53 -0.04 0.00	9.52 -0.06 0.00	8.96 -0.04 0.00	8.64 -0.18 0.00	8.10 -0.21 0.00	6.70 -0.29 0.00	13.10 -0.77 0.00	19.79 -1.28 0.00	21.06 -1.36 0.00	28.35 -1.25 0.00	29.17 -1.28 0.00	22.81 -1.50 1.18	19.75 -1.26 0.00	19.17 -0.84 0.00
GE_PLASTICS___DRP 24183	8.63 0.25 0.00	7.86 0.23 0.00	0.30 0.01 0.00	5.38 0.16 0.00	5.96 0.19 0.00	8.60 0.23 0.00	17.75 0.30 0.00	14.85 0.21 0.00	12.08 0.14 0.00	15.32 0.15 0.00	14.69 0.12 0.00	9.68 0.10 0.00	9.11 0.11 0.00	8.94 0.12 0.00	8.44 0.12 0.00	7.10 0.11 0.00	14.07 0.21 0.00	21.37 0.30 0.00	22.73 0.30 0.00	29.94 0.34 0.00	30.84 0.39 0.00	25.82 0.32 0.00	21.37 0.36 0.00	20.34 0.33 0.00
GILBOA___1 23756	8.63 0.26 0.00	7.86 0.23 0.00	0.30 0.01 0.00	5.40 0.18 0.00	5.98 0.20 0.00	8.61 0.24 0.00	17.83 0.38 0.00	14.91 0.27 0.00	12.15 0.22 0.00	15.43 0.26 0.00	14.81 0.24 0.00	9.76 0.18 0.00	9.19 0.19 0.00	9.01 0.19 0.00	8.50 0.19 0.00	7.16 0.16 0.00	14.19 0.32 0.00	21.55 0.48 0.00	22.92 0.50 0.00	30.17 0.57 0.00	31.06 0.62 0.00	26.02 0.53 0.00	21.51 0.50 0.00	20.46 0.45 0.00
GILBOA___2 23757	8.63 0.26 0.00	7.86 0.23 0.00	0.30 0.01 0.00	5.40 0.18 0.00	5.98 0.20 0.00	8.61 0.24 0.00	17.83 0.38 0.00	14.91 0.27 0.00	12.15 0.22 0.00	15.43 0.26 0.00	14.81 0.24 0.00	9.76 0.18 0.00	9.19 0.19 0.00	9.01 0.19 0.00	8.50 0.19 0.00	7.16 0.16 0.00	14.19 0.32 0.00	21.55 0.48 0.00	22.92 0.50 0.00	30.17 0.57 0.00	31.06 0.62 0.00	26.02 0.53 0.00	21.51 0.50 0.00	20.46 0.45 0.00
GILBOA___3 23758	8.63 0.26 0.00	7.86 0.23 0.00	0.30 0.01 0.00	5.40 0.18 0.00	5.98 0.20 0.00	8.61 0.24 0.00	17.83 0.38 0.00	14.91 0.27 0.00	12.15 0.22 0.00	15.43 0.26 0.00	14.81 0.24 0.00	9.76 0.18 0.00	9.19 0.19 0.00	9.01 0.19 0.00	8.50 0.19 0.00	7.16 0.16 0.00	14.19 0.32 0.00	21.55 0.48 0.00	22.92 0.50 0.00	30.17 0.57 0.00	31.06 0.62 0.00	26.02 0.53 0.00	21.51 0.50 0.00	20.46 0.45 0.00
GILBOA___4 23759	8.63 0.26 0.00	7.86 0.23 0.00	0.30 0.01 0.00	5.40 0.18 0.00	5.98 0.20 0.00	8.61 0.24 0.00	17.83 0.38 0.00	14.91 0.27 0.00	12.15 0.22 0.00	15.43 0.26 0.00	14.81 0.24 0.00	9.76 0.18 0.00	9.19 0.19 0.00	9.01 0.19 0.00	8.50 0.19 0.00	7.16 0.16 0.00	14.19 0.32 0.00	21.55 0.48 0.00	22.92 0.50 0.00	30.17 0.57 0.00	31.06 0.62 0.00	26.02 0.53 0.00	21.51 0.50 0.00	20.46 0.45 0.00

GILBOA____ 23599	8.63 0.26 0.00	7.86 0.23 0.00	0.30 0.01 0.00	5.40 0.18 0.00	5.98 0.20 0.00	8.61 0.24 0.00	17.83 0.38 0.00	14.91 0.27 0.00	12.15 0.22 0.00	15.43 0.26 0.00	14.81 0.24 0.00	9.76 0.18 0.00	9.19 0.18 0.00	9.01 0.19 0.00	8.50 0.19 0.00	7.15 0.16 0.00	14.19 0.32 0.00	21.55 0.48 0.00	22.92 0.50 0.00	30.17 0.57 0.00	31.06 0.61 0.00	26.02 0.53 0.00	21.50 0.50 0.00	20.46 0.45 0.00
GINNA____ 23603	7.85 -0.52 0.00	7.16 -0.47 0.00	0.27 -0.02 0.00	4.93 -0.28 0.00	5.47 -0.31 0.00	7.90 -0.47 0.00	16.49 -0.96 0.00	13.71 -0.93 0.00	11.22 -0.71 0.00	14.33 -0.84 0.00	13.81 -0.76 0.00	9.06 -0.52 0.00	8.52 -0.48 0.00	8.30 -0.51 0.00	7.81 -0.51 0.00	6.50 -0.50 0.00	12.77 -1.10 0.00	19.46 -1.62 0.00	20.76 -1.66 0.00	27.66 -1.94 0.00	28.42 -2.03 0.00	23.59 -1.90 0.00	19.38 -1.63 0.00	18.61 -1.40 0.00
GLEN PARK____ 23778	8.53 0.15 0.00	7.72 0.09 0.00	0.29 0.00 0.00	5.17 -0.05 0.00	5.66 -0.11 0.00	8.09 -0.27 0.00	16.86 -0.58 0.00	14.06 -0.58 0.00	11.36 -0.57 0.00	14.17 -1.00 0.00	13.64 -0.93 0.00	8.97 -0.62 0.00	8.30 -0.70 0.00	8.11 -0.71 0.00	7.61 -0.70 0.00	6.37 -0.62 0.00	12.68 -1.19 0.00	19.88 -1.20 0.00	21.66 -0.77 0.00	28.75 -0.85 0.00	29.95 -0.50 0.00	24.79 -0.70 0.00	20.33 -0.68 0.00	19.25 -0.76 0.00
GLENDALE_27_KV_LOAD 356172	9.00 0.63 0.00	8.21 0.58 0.00	0.31 0.02 0.00	5.62 0.41 0.00	6.24 0.46 0.00	8.97 0.60 0.00	18.53 1.08 0.00	15.56 0.91 0.00	12.76 0.82 0.00	16.32 1.14 0.00	15.69 1.13 0.00	10.36 0.78 0.00	9.77 0.76 0.00	9.61 0.79 0.00	9.09 0.78 0.00	7.66 0.67 0.00	15.18 1.31 0.00	22.91 1.84 0.00	24.18 1.76 0.00	31.75 2.15 0.00	32.69 2.24 0.00	27.35 1.86 0.00	22.60 1.59 0.00	21.49 1.48 0.00
GLENWOOD_IC_1_G5 23712	33.65 0.68 -24.60	17.90 0.60 -9.67	15.37 0.02 -15.06	27.35 0.42 -21.71	24.24 0.49 -17.98	38.77 0.64 -29.76	45.09 1.18 -26.46	32.94 0.96 -17.34	55.10 0.86 -42.30	42.74 1.15 -26.42	40.09 1.11 -24.42	107.61 0.77 -97.26	9.74 0.74 0.00	9.58 0.77 0.00	9.85 0.77 -0.77	17.90 0.66 -10.25	15.74 1.23 -0.64	22.85 1.77 0.00	24.10 1.68 0.00	35.82 2.15 -4.08	32.65 2.20 0.00	31.41 1.84 -4.08	30.15 1.67 -7.47	21.53 1.52 0.00
GLENWOOD_IC_2_G1 23688	9.60 0.62 -0.60	10.30 0.55 -2.12	6.75 0.02 -6.44	16.07 0.39 -10.46	14.93 0.45 -8.71	13.01 0.59 -4.05	19.06 1.06 -0.55	15.79 0.87 -0.28	13.27 0.78 -0.55	16.73 1.05 -0.51	15.98 1.01 -0.40	21.69 0.71 -11.40	9.69 0.68 0.00	9.53 0.71 0.00	9.05 0.71 -0.03	8.06 0.62 -0.44	15.11 1.21 -0.03	22.83 1.75 0.00	24.10 1.68 0.00	31.90 2.13 -0.17	32.64 2.19 0.00	27.48 1.81 -0.17	22.91 1.58 -0.32	21.43 1.42 0.00
GLENWOOD_IC_3_G1 23689	9.60 0.62 -0.60	10.30 0.55 -2.12	6.75 0.02 -6.44	16.07 0.39 -10.46	14.93 0.45 -8.71	13.01 0.59 -4.05	19.06 1.06 -0.55	15.79 0.87 -0.28	13.27 0.78 -0.55	16.73 1.05 -0.51	15.98 1.01 -0.40	21.69 0.71 -11.40	9.69 0.68 0.00	9.53 0.71 0.00	9.05 0.71 -0.03	8.06 0.62 -0.44	15.11 1.21 -0.03	22.83 1.75 0.00	24.10 1.68 0.00	31.90 2.13 -0.17	32.64 2.19 0.00	27.48 1.81 -0.17	22.91 1.58 -0.32	21.43 1.42 0.00
GLENWOOD____4 23550	33.65 0.68 -24.60	17.90 0.60 -9.67	15.37 0.02 -15.06	27.35 0.42 -21.71	24.24 0.49 -17.98	38.77 0.64 -29.76	45.09 1.18 -26.46	32.94 0.96 -17.34	55.10 0.86 -42.30	42.74 1.15 -26.42	40.09 1.11 -24.42	107.61 0.77 -97.26	9.74 0.74 0.00	9.58 0.77 0.00	9.85 0.77 -0.77	17.91 0.67 -10.25	15.77 1.27 -0.64	22.90 1.83 0.00	24.16 1.74 0.00	35.90 2.22 -4.08	32.73 2.28 0.00	31.46 1.90 -4.08	30.17 1.69 -7.47	21.53 1.52 0.00
GLENWOOD____5 23614	33.65 0.68 -24.60	17.90 0.60 -9.67	15.37 0.02 -15.06	27.35 0.42 -21.71	24.24 0.49 -17.98	38.77 0.64 -29.76	45.09 1.18 -26.46	32.94 0.96 -17.34	55.10 0.86 -42.30	42.74 1.15 -26.42	40.09 1.11 -24.42	107.61 0.77 -97.26	9.74 0.74 0.00	9.58 0.77 0.00	9.85 0.77 -0.77	17.91 0.67 -10.25	15.77 1.27 -0.64	22.90 1.83 0.00	24.16 1.74 0.00	35.90 2.22 -4.08	32.73 2.28 0.00	31.46 1.90 -4.08	30.17 1.69 -7.47	21.53 1.52 0.00
GLOBAL GREEN_PORT_GT1 23814	12.07 0.76 -2.93	6.79 0.65 1.50	2.62 0.04 -2.29	10.62 0.63 -4.77	10.53 0.79 -3.97	13.84 1.06 -4.41	19.87 1.91 -0.51	14.36 1.38 1.67	6.63 1.25 6.55	16.31 1.70 0.56	13.89 1.60 2.28	-10.92 1.08 21.58	9.92 0.92 0.00	9.78 0.97 0.00	9.70 0.94 -0.44	13.72 0.82 -5.91	15.60 1.36 -0.37	23.10 2.03 0.00	24.58 2.16 0.00	35.28 3.33 -2.35	33.95 3.50 0.00	30.70 2.86 -2.35	27.77 2.46 -4.31	21.68 1.67 0.00
GLOBE____DSASP 323697	7.79 -0.58 0.00	7.13 -0.50 0.00	0.27 -0.02 0.00	4.95 -0.26 0.00	5.47 -0.30 0.00	7.89 -0.48 0.00	16.49 -0.96 0.00	13.66 -0.99 0.00	11.32 -0.62 0.00	14.57 -0.60 0.00	14.09 -0.48 0.00	9.24 -0.34 0.00	8.70 -0.30 0.00	8.39 -0.42 0.00	7.86 -0.45 0.00	6.50 -0.50 0.00	12.69 -1.18 0.00	19.14 -1.93 0.00	20.33 -2.09 0.00	27.27 -2.33 0.00	28.06 -2.39 0.00	22.08 -2.45 0.97	18.94 -2.06 0.00	18.52 -1.49 0.00
GOETHSLN____LBMP 323567	8.95 0.57 0.00	8.14 0.50 0.00	0.31 0.02 0.00	5.57 0.35 0.00	6.18 0.41 0.00	8.89 0.53 0.00	18.38 0.94 0.00	15.44 0.80 0.00	12.65 0.71 0.00	16.15 0.97 0.00	15.54 0.97 0.00	10.26 0.68 0.00	9.67 0.67 0.00	9.52 0.70 0.00	9.01 0.69 0.00	7.60 0.60 0.00	15.04 1.17 0.00	22.73 1.65 0.00	23.98 1.56 0.00	31.49 1.90 0.00	32.43 1.98 0.00	27.12 1.63 0.00	22.39 1.39 0.00	-289.87 1.29 311.17
GOLAH____69_KV_TB 1_2 80279	8.21 -0.17 0.00	7.49 -0.14 0.00	0.28 -0.01 0.00	5.17 -0.05 0.00	5.73 -0.05 0.00	8.27 -0.09 0.00	17.29 -0.16 0.00	14.34 -0.30 0.00	11.75 -0.18 0.00	15.02 -0.16 0.00	14.47 -0.09 0.00	9.50 -0.09 0.00	8.94 -0.07 0.00	8.69 -0.13 0.00	8.15 -0.16 0.00	6.79 -0.20 0.00	13.35 -0.51 0.00	20.22 -0.86 0.00	21.58 -0.85 0.00	28.91 -0.69 0.00	29.80 -0.65 0.00	24.19 -0.83 0.47	20.26 -0.75 0.00	19.51 -0.50 0.00
GOODYEAR_LAKE_HYD 323669	8.69 0.31 0.00	7.91 0.28 0.00	0.30 0.01 0.00	5.43 0.21 0.00	6.01 0.23 0.00	8.69 0.32 0.00	18.06 0.61 0.00	15.04 0.40 0.00	12.25 0.31 0.00	15.57 0.40 0.00	14.94 0.37 0.00	9.83 0.25 0.00	9.25 0.25 0.00	9.04 0.22 0.00	8.53 0.22 0.00	7.17 0.18 0.00	14.19 0.32 0.00	21.64 0.56 0.00	23.16 0.74 0.00	30.69 1.09 0.00	31.63 1.18 0.00	26.87 0.94 -0.44	21.75 0.74 0.00	20.63 0.62 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	8.45 0.08 0.00	7.71 0.07 0.00	0.29 0.00 0.00	5.30 0.08 0.00	5.87 0.10 0.00	8.47 0.10 0.00	17.53 0.09 0.00	14.60 -0.05 0.00	11.94 0.00 0.00	15.23 0.05 0.00	14.63 0.07 0.00	9.62 0.04 0.00	9.05 0.05 0.00	8.81 -0.01 0.00	8.33 0.02 0.00	6.98 -0.01 0.00	13.79 -0.08 0.00	21.03 -0.05 0.00	22.59 0.17 0.00	29.99 0.39 0.00	30.91 0.46 0.00	25.11 0.26 0.64	21.23 0.22 0.00	20.14 0.12 0.00

GOUDEY___7 23579	8.45 0.08 0.00	7.71 0.07 0.00	0.29 0.00 0.00	5.30 0.08 0.00	5.87 0.10 0.00	8.47 0.10 0.00	17.53 0.09 0.00	14.60 -0.05 0.00	11.94 0.00 0.00	15.23 0.05 0.00	14.63 0.07 0.00	9.62 0.04 0.00	9.05 0.05 0.00	8.81 -0.01 0.00	8.33 0.02 0.00	6.98 -0.01 0.00	13.79 -0.08 0.00	21.03 -0.05 0.00	22.59 0.17 0.00	29.99 0.39 0.00	30.91 0.46 0.00	25.11 0.26 0.64	21.23 0.22 0.00	20.14 0.12 0.00
GOUDEY___8 23580	8.45 0.08 0.00	7.71 0.07 0.00	0.29 0.00 0.00	5.30 0.08 0.00	5.87 0.10 0.00	8.47 0.10 0.00	17.53 0.09 0.00	14.60 -0.05 0.00	11.94 0.00 0.00	15.23 0.05 0.00	14.63 0.07 0.00	9.62 0.04 0.00	9.05 0.05 0.00	8.81 -0.01 0.00	8.33 0.02 0.00	6.98 -0.01 0.00	13.79 -0.08 0.00	21.03 -0.05 0.00	22.59 0.17 0.00	29.99 0.39 0.00	30.91 0.46 0.00	25.11 0.26 0.64	21.23 0.22 0.00	20.14 0.12 0.00
GOWANUS_GT1_1 24077	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.70 2.25 0.00	27.37 1.88 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT1_2 24078	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.70 2.25 0.00	27.37 1.88 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT1_3 24079	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.70 2.25 0.00	27.37 1.88 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT1_4 24080	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.70 2.25 0.00	27.37 1.88 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT1_5 24084	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.70 2.25 0.00	27.37 1.88 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT1_6 24111	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.70 2.25 0.00	27.37 1.88 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT1_7 24112	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.70 2.25 0.00	27.37 1.88 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT1_8 24113	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.70 2.25 0.00	27.37 1.88 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT2_1 24114	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT2_2 24115	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT2_3 24116	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT2_4 24117	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT2_5 24118	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00

GOWANUS_GT2_6 24119	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT2_7 24120	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT2_8 24121	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT3_1 24122	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT3_2 24123	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT3_3 24124	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT3_4 24125	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT3_5 24126	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT3_6 24127	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT3_7 24128	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT3_8 24129	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT4_1 24130	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.70 2.25 0.00	27.37 1.88 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT4_2 24131	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.70 2.25 0.00	27.37 1.88 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT4_3 24132	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.70 2.25 0.00	27.37 1.88 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT4_4 24133	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.70 2.25 0.00	27.37 1.88 0.00	22.58 1.57 0.00	21.48 1.47 0.00

GOWANUS_GT4_5 24134	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.70 2.25 0.00	27.37 1.88 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT4_6 24135	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.70 2.25 0.00	27.37 1.88 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT4_7 24136	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.70 2.25 0.00	27.37 1.88 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GOWANUS_GT4_8 24137	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.70 2.25 0.00	27.37 1.88 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GREATVR_69_KV_BK1 356245	13.88 0.91 -4.60	7.97 0.80 0.46	3.79 0.03 -3.46	12.09 0.57 -6.30	11.66 0.66 -5.23	15.66 0.89 -6.41	21.69 1.65 -2.59	15.81 1.26 0.10	10.72 1.11 2.33	18.28 1.48 -1.62	15.88 1.39 0.07	-0.24 0.94 10.76	9.87 0.86 0.00	9.72 0.91 0.00	9.67 0.90 -0.46	13.89 0.82 -6.08	15.85 1.60 -0.38	23.41 2.33 0.00	24.72 2.30 0.00	35.19 3.17 -2.42	33.66 3.21 0.00	30.58 2.67 -2.42	27.76 2.32 -4.43	21.91 1.90 0.00
GREENBSH_115KV_TB3 55895	8.62 0.24 0.00	7.86 0.23 0.00	0.30 0.01 0.00	5.37 0.16 0.00	5.96 0.18 0.00	8.59 0.22 0.00	17.68 0.23 0.00	14.79 0.15 0.00	12.03 0.09 0.00	15.25 0.08 0.00	14.61 0.05 0.00	9.63 0.05 0.00	9.07 0.07 0.00	8.90 0.08 0.00	8.40 0.08 0.00	7.07 0.08 0.00	14.01 0.14 0.00	21.27 0.19 0.00	22.61 0.19 0.00	29.77 0.17 0.00	30.66 0.21 0.00	25.67 0.18 0.00	21.28 0.28 0.00	20.25 0.24 0.00
GREENDGE_115KV_TB5 80291	8.34 -0.04 0.00	7.61 -0.02 0.00	0.29 0.00 0.00	5.24 0.02 0.00	5.81 0.03 0.00	8.38 0.02 0.00	17.49 0.04 0.00	14.52 -0.12 0.00	11.84 -0.09 0.00	15.07 -0.11 0.00	14.41 -0.16 0.00	9.45 -0.13 0.00	8.89 -0.11 0.00	8.60 -0.21 0.00	8.08 -0.23 0.00	6.72 -0.27 0.00	13.24 -0.62 0.00	20.09 -0.99 0.00	21.40 -1.02 0.00	28.82 -0.78 0.00	29.81 -0.63 0.00	21.13 -0.78 3.59	20.45 -0.56 0.00	19.74 -0.26 0.00
GREENIDGE___3 23582	8.34 -0.04 0.00	7.61 -0.02 0.00	0.29 0.00 0.00	5.24 0.02 0.00	5.81 0.03 0.00	8.38 0.02 0.00	17.49 0.04 0.00	14.52 -0.12 0.00	11.84 -0.09 0.00	15.07 -0.11 0.00	14.41 -0.16 0.00	9.45 -0.13 0.00	8.89 -0.11 0.00	8.60 -0.21 0.00	8.08 -0.23 0.00	6.72 -0.27 0.00	13.24 -0.62 0.00	20.09 -0.99 0.00	21.40 -1.02 0.00	28.82 -0.78 0.00	29.81 -0.63 0.00	21.13 -0.78 3.59	20.45 -0.56 0.00	19.74 -0.26 0.00
GREENIDGE___4 23583	8.34 -0.04 0.00	7.61 -0.02 0.00	0.29 0.00 0.00	5.23 0.02 0.00	5.81 0.03 0.00	8.38 0.02 0.00	17.49 0.04 0.00	14.52 -0.12 0.00	11.84 -0.09 0.00	15.07 -0.11 0.00	14.41 -0.16 0.00	9.45 -0.13 0.00	8.89 -0.11 0.00	8.61 -0.21 0.00	8.09 -0.23 0.00	6.72 -0.27 0.00	13.24 -0.62 0.00	20.09 -0.98 0.00	21.40 -1.02 0.00	28.82 -0.78 0.00	29.81 -0.64 0.00	21.13 -0.78 3.59	20.45 -0.56 0.00	19.74 -0.26 0.00
GREENLWN_69_KV_BK 3 55738	13.02 0.67 -3.97	7.34 0.60 0.89	3.29 0.02 -2.97	11.31 0.43 -5.66	10.97 0.49 -4.70	14.65 0.65 -5.63	20.39 1.16 -1.79	14.80 0.88 0.72	8.72 0.82 4.03	17.04 1.10 -0.76	14.65 1.03 0.95	-4.94 0.72 15.24	9.67 0.66 0.00	9.53 0.71 0.00	9.48 0.72 -0.46	13.71 0.65 -6.06	15.49 1.24 -0.38	22.82 1.74 0.00	23.99 1.57 0.00	34.09 2.08 -2.41	32.51 2.06 0.00	29.65 1.75 -2.41	27.03 1.60 -4.42	21.30 1.29 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.70 2.25 0.00	27.37 1.88 0.00	22.58 1.57 0.00	21.48 1.47 0.00
GRISSOM___SOLAR 323813	8.81 0.44 0.00	8.02 0.39 0.00	0.30 0.02 0.00	5.49 0.27 0.00	6.08 0.31 0.00	8.80 0.44 0.00	18.29 0.84 0.00	15.14 0.49 0.00	11.93 -0.01 0.00	15.05 -0.13 0.00	14.42 -0.14 0.00	9.47 -0.11 0.00	8.92 -0.08 0.00	8.73 -0.08 0.00	8.20 -0.11 0.00	6.90 -0.09 0.00	13.73 -0.14 0.00	21.05 -0.02 0.00	22.96 0.54 0.00	30.85 1.25 0.00	31.97 1.52 0.00	26.71 1.22 0.00	21.99 0.98 0.00	20.90 0.89 0.00
GROVEVILLE___HYD 323602	8.95 0.57 0.00	8.14 0.50 0.00	0.31 0.02 0.00	5.57 0.35 0.00	6.18 0.40 0.00	8.91 0.54 0.00	18.44 1.00 0.00	15.50 0.86 0.00	12.68 0.75 0.00	16.12 0.95 0.00	15.47 0.91 0.00	10.22 0.63 0.00	9.63 0.63 0.00	9.46 0.65 0.00	8.96 0.64 0.00	7.56 0.57 0.00	15.02 1.15 0.00	22.81 1.73 0.00	24.16 1.74 0.00	31.77 2.17 0.00	32.74 2.30 0.00	27.36 1.87 0.00	22.59 1.58 0.00	21.46 1.45 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	8.37 -0.01 0.00	7.62 -0.01 0.00	0.29 0.00 0.00	5.23 0.01 0.00	5.79 0.02 0.00	8.37 0.00 0.00	17.42 -0.03 0.00	14.54 -0.10 0.00	11.85 -0.09 0.00	15.06 -0.12 0.00	14.46 -0.11 0.00	9.51 -0.08 0.00	8.95 -0.06 0.00	8.75 -0.07 0.00	8.22 -0.09 0.00	6.89 -0.11 0.00	13.62 -0.25 0.00	20.69 -0.39 0.00	21.97 -0.45 0.00	29.10 -0.50 0.00	29.96 -0.49 0.00	25.89 -0.49 -0.88	20.64 -0.37 0.00	19.74 -0.27 0.00
HAMLTNNY_34_KV_TB 80303	8.34 -0.04 0.00	7.59 -0.04 0.00	0.29 0.00 0.00	5.21 0.00 0.00	5.78 0.01 0.00	8.36 -0.01 0.00	17.40 -0.05 0.00	14.52 -0.13 0.00	11.84 -0.10 0.00	15.05 -0.12 0.00	14.47 -0.10 0.00	9.51 -0.07 0.00	8.95 -0.06 0.00	8.75 -0.07 0.00	8.22 -0.10 0.00	6.88 -0.12 0.00	13.57 -0.30 0.00	20.62 -0.46 0.00	21.92 -0.50 0.00	29.10 -0.50 0.00	29.97 -0.48 0.00	25.95 -0.52 -0.99	20.58 -0.43 0.00	19.70 -0.31 0.00

HAMPSHIRE___PAPER_HYD 323593	8.31 -0.06 0.00	7.54 -0.09 0.00	0.28 -0.01 0.00	5.08 -0.14 0.00	5.57 -0.20 0.00	7.97 -0.40 0.00	16.63 -0.82 0.00	13.94 -0.70 0.00	11.32 -0.62 0.00	14.25 -0.92 0.00	13.74 -0.83 0.00	9.02 -0.56 0.00	8.36 -0.64 0.00	8.13 -0.68 0.00	7.65 -0.66 0.00	6.44 -0.56 0.00	12.85 -1.02 0.00	20.01 -1.06 0.00	21.62 -0.80 0.00	28.60 -1.00 0.00	29.62 -0.83 0.00	24.56 -0.93 0.00	20.10 -0.91 0.00	19.01 -1.00 0.00
HARDSCRABBLE_WT_PWR 323673	8.56 0.18 0.00	7.79 0.16 0.00	0.29 0.00 0.00	5.32 0.10 0.00	5.93 0.15 0.00	8.57 0.21 0.00	17.75 0.31 0.00	14.68 0.04 0.00	11.73 -0.21 0.00	14.70 -0.47 0.00	14.06 -0.51 0.00	9.24 -0.34 0.00	8.74 -0.26 0.00	8.54 -0.28 0.00	8.06 -0.25 0.00	6.78 -0.21 0.00	13.49 -0.38 0.00	20.67 -0.41 0.00	22.37 -0.05 0.00	29.72 0.12 0.00	30.80 0.35 0.00	25.79 0.29 0.00	21.39 0.38 0.00	20.36 0.35 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	8.89 0.51 0.00	8.08 0.45 0.00	0.30 0.02 0.00	5.54 0.32 0.00	6.14 0.37 0.00	8.85 0.48 0.00	18.32 0.87 0.00	15.40 0.76 0.00	12.59 0.66 0.00	16.02 0.84 0.00	15.38 0.82 0.00	10.15 0.57 0.00	9.58 0.58 0.00	9.42 0.60 0.00	8.92 0.60 0.00	7.53 0.53 0.00	14.93 1.07 0.00	22.66 1.58 0.00	23.97 1.55 0.00	31.52 1.92 0.00	32.48 2.03 0.00	27.16 1.67 0.00	22.42 1.41 0.00	21.30 1.29 0.00
HARSNRAD_115KV_TB1 81005	7.91 -0.47 0.00	7.24 -0.40 0.00	0.27 -0.01 0.00	5.03 -0.19 0.00	5.56 -0.22 0.00	8.01 -0.36 0.00	16.74 -0.71 0.00	13.86 -0.79 0.00	11.47 -0.47 0.00	14.75 -0.43 0.00	14.25 -0.32 0.00	9.34 -0.24 0.00	8.80 -0.20 0.00	8.51 -0.31 0.00	7.98 -0.33 0.00	6.61 -0.38 0.00	12.94 -0.92 0.00	19.48 -1.60 0.00	20.72 -1.70 0.00	27.89 -1.71 0.00	28.71 -1.74 0.00	22.67 -1.88 0.94	19.39 -1.61 0.00	18.88 -1.13 0.00
HARZA MOOSE___RIVER 24016	8.54 0.16 0.00	7.75 0.12 0.00	0.29 0.00 0.00	5.24 0.02 0.00	5.76 -0.01 0.00	8.25 -0.11 0.00	17.18 -0.27 0.00	14.36 -0.28 0.00	11.67 -0.27 0.00	14.72 -0.46 0.00	14.16 -0.41 0.00	9.31 -0.27 0.00	8.67 -0.33 0.00	8.47 -0.34 0.00	7.96 -0.35 0.00	6.68 -0.31 0.00	13.30 -0.57 0.00	20.65 -0.43 0.00	22.23 -0.19 0.00	29.37 -0.23 0.00	30.34 -0.10 0.00	25.17 -0.32 0.00	20.68 -0.33 0.00	19.63 -0.38 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	8.36 -0.02 0.00	7.62 -0.02 0.00	0.29 0.00 0.00	5.22 0.01 0.00	5.79 0.01 0.00	8.36 -0.01 0.00	17.38 -0.07 0.00	14.50 -0.15 0.00	11.83 -0.11 0.00	15.05 -0.13 0.00	14.45 -0.11 0.00	9.51 -0.08 0.00	8.94 -0.06 0.00	8.75 -0.07 0.00	8.23 -0.09 0.00	6.89 -0.11 0.00	13.61 -0.26 0.00	20.63 -0.44 0.00	21.87 -0.55 0.00	28.95 -0.65 0.00	29.81 -0.63 0.00	25.24 -0.61 -0.36	20.55 -0.45 0.00	19.67 -0.34 0.00
HELLGATE_13_KV_LD 55870	9.00 0.63 0.00	8.21 0.58 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.47 0.00	8.98 0.61 0.00	18.55 1.10 0.00	15.57 0.92 0.00	12.76 0.83 0.00	16.34 1.16 0.00	15.70 1.14 0.00	10.37 0.79 0.00	9.78 0.77 0.00	9.61 0.80 0.00	9.09 0.78 0.00	7.67 0.67 0.00	15.19 1.32 0.00	22.92 1.85 0.00	24.18 1.77 0.00	31.73 2.13 0.00	32.67 2.22 0.00	27.36 1.86 0.00	22.60 1.60 0.00	21.50 1.50 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	9.00 0.63 0.00	8.21 0.58 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.47 0.00	8.98 0.61 0.00	18.55 1.10 0.00	15.57 0.92 0.00	12.76 0.83 0.00	16.34 1.16 0.00	15.70 1.14 0.00	10.37 0.79 0.00	9.78 0.77 0.00	9.61 0.80 0.00	9.09 0.78 0.00	7.67 0.67 0.00	15.19 1.32 0.00	22.92 1.85 0.00	24.18 1.77 0.00	31.73 2.13 0.00	32.67 2.22 0.00	27.36 1.86 0.00	22.60 1.60 0.00	21.50 1.50 0.00
HEMPSTEAD___ 23647	34.41 0.69 -25.35	20.12 0.61 -11.89	17.82 0.02 -17.51	30.02 0.43 -24.37	26.29 0.50 -20.02	39.85 0.66 -30.82	46.72 1.20 -28.07	34.43 0.95 -18.84	61.83 0.85 -49.04	44.52 1.14 -28.20	42.23 1.09 -26.57	129.34 0.75 -119.01	9.72 0.71 0.00	9.57 0.75 0.00	9.73 0.76 -0.66	16.51 0.67 -8.84	15.71 1.29 -0.55	22.94 1.86 0.00	24.18 1.76 0.00	35.42 2.30 -3.52	32.79 2.34 0.00	30.96 1.95 -3.51	29.17 1.72 -6.44	21.50 1.49 0.00
HICKLING___1 23621	8.38 0.01 0.00	7.66 0.03 0.00	0.29 0.01 0.00	5.28 0.06 0.00	5.86 0.08 0.00	8.44 0.07 0.00	17.59 0.15 0.00	14.55 -0.09 0.00	11.93 -0.01 0.00	15.26 0.08 0.00	14.55 -0.01 0.00	9.53 -0.05 0.00	8.98 -0.02 0.00	8.62 -0.19 0.00	8.09 -0.22 0.00	6.72 -0.28 0.00	13.21 -0.66 0.00	19.96 -1.12 0.00	21.17 -1.25 0.00	28.69 -0.91 0.00	29.72 -0.73 0.00	20.91 -0.97 3.61	20.43 -0.58 0.00	19.91 -0.11 0.00
HICKLING___2 23622	8.38 0.01 0.00	7.66 0.03 0.00	0.29 0.01 0.00	5.28 0.06 0.00	5.86 0.08 0.00	8.44 0.07 0.00	17.59 0.15 0.00	14.55 -0.09 0.00	11.93 -0.01 0.00	15.26 0.08 0.00	14.55 -0.01 0.00	9.53 -0.05 0.00	8.98 -0.02 0.00	8.62 -0.19 0.00	8.09 -0.22 0.00	6.72 -0.28 0.00	13.21 -0.66 0.00	19.96 -1.12 0.00	21.17 -1.25 0.00	28.69 -0.91 0.00	29.72 -0.73 0.00	20.91 -0.97 3.61	20.43 -0.58 0.00	19.91 -0.11 0.00
HIGH FALLS___HY 23754	8.92 0.54 0.00	8.10 0.47 0.00	0.31 0.02 0.00	5.56 0.34 0.00	6.16 0.39 0.00	8.88 0.51 0.00	18.41 0.96 0.00	15.47 0.82 0.00	12.69 0.76 0.00	16.09 0.91 0.00	15.42 0.85 0.00	10.16 0.58 0.00	9.58 0.58 0.00	9.41 0.59 0.00	8.91 0.60 0.00	7.54 0.54 0.00	14.96 1.10 0.00	22.79 1.72 0.00	24.19 1.77 0.00	31.87 2.28 0.00	32.87 2.42 0.00	27.50 2.01 0.00	22.64 1.63 0.00	21.47 1.46 0.00
HIGH_RIVER___SOLAR 323847	8.72 0.34 0.00	7.94 0.30 0.00	0.30 0.02 0.00	5.43 0.22 0.00	6.02 0.25 0.00	8.70 0.34 0.00	18.05 0.60 0.00	15.00 0.36 0.00	12.03 0.10 0.00	15.16 -0.02 0.00	14.51 -0.06 0.00	9.55 -0.03 0.00	9.00 0.00 0.00	8.81 -0.01 0.00	8.29 -0.02 0.00	6.97 -0.02 0.00	13.87 0.00 0.00	21.25 0.18 0.00	22.88 0.46 0.00	30.48 0.88 0.00	31.50 1.05 0.00	26.33 0.83 0.00	21.71 0.71 0.00	20.67 0.66 0.00
HILLBURN___GT 23639	8.89 0.51 0.00	8.08 0.45 0.00	0.30 0.02 0.00	5.54 0.32 0.00	6.14 0.37 0.00	8.84 0.47 0.00	18.31 0.86 0.00	15.40 0.76 0.00	12.60 0.67 0.00	16.04 0.87 0.00	15.41 0.85 0.00	10.18 0.60 0.00	9.60 0.60 0.00	9.43 0.62 0.00	8.94 0.63 0.00	7.54 0.55 0.00	14.96 1.10 0.00	22.68 1.60 0.00	23.96 1.54 0.00	31.49 1.89 0.00	32.45 2.01 0.00	27.14 1.65 0.00	22.41 1.40 0.00	21.30 1.29 0.00
HILLSIDE_115KV_TB1 80332	8.31 -0.07 0.00	7.58 -0.06 0.00	0.29 0.00 0.00	5.22 0.00 0.00	5.79 0.01 0.00	8.35 -0.02 0.00	17.39 -0.05 0.00	14.43 -0.21 0.00	11.85 -0.09 0.00	15.16 -0.02 0.00	14.45 -0.12 0.00	9.48 -0.10 0.00	8.91 -0.09 0.00	8.55 -0.27 0.00	8.03 -0.28 0.00	6.67 -0.32 0.00	13.11 -0.76 0.00	19.78 -1.29 0.00	20.92 -1.50 0.00	28.22 -1.38 0.00	29.18 -1.27 0.00	20.78 -1.40 3.31	20.19 -0.82 0.00	19.72 -0.29 0.00

HISHELDN_WT_PWR 323625	8.06 -0.32 0.00	7.37 -0.26 0.00	0.28 -0.01 0.00	5.10 -0.12 0.00	5.65 -0.13 0.00	8.12 -0.24 0.00	16.91 -0.54 0.00	13.95 -0.69 0.00	11.52 -0.41 0.00	14.82 -0.35 0.00	14.25 -0.32 0.00	9.32 -0.26 0.00	8.78 -0.22 0.00	8.48 -0.34 0.00	7.93 -0.38 0.00	6.55 -0.45 0.00	12.82 -1.05 0.00	19.33 -1.74 0.00	20.60 -1.82 0.00	28.00 -1.60 0.00	28.91 -1.54 0.00	22.21 -1.69 1.59	19.64 -1.37 0.00	19.09 -0.92 0.00
HOLTSVILLE_IC_1 23690	12.05 0.82 -2.85	6.80 0.72 1.55	2.54 0.03 -2.22	10.44 0.53 -4.69	10.29 0.61 -3.90	13.49 0.82 -4.30	19.33 1.48 -0.40	13.99 1.10 1.75	6.15 0.99 6.78	15.81 1.31 0.68	13.41 1.23 2.39	-11.73 0.86 22.16	9.77 0.77 0.00	9.63 0.82 0.00	9.57 0.82 -0.44	13.64 0.74 -5.91	15.67 1.44 -0.37	23.14 2.06 0.00	24.42 2.00 0.00	34.76 2.81 -2.35	33.28 2.83 0.00	30.20 2.36 -2.35	27.40 2.09 -4.30	21.67 1.66 0.00
HOLTSVILLE_IC_10 23699	12.49 0.87 -3.24	7.09 0.76 1.31	2.82 0.03 -2.50	10.83 0.56 -5.05	10.62 0.65 -4.20	14.01 0.87 -4.77	19.91 1.57 -0.89	14.43 1.16 1.38	7.19 1.03 5.78	16.39 1.38 0.16	13.99 1.29 1.87	-9.13 0.89 19.61	9.81 0.80 0.00	9.67 0.85 0.00	9.61 0.85 -0.45	13.71 0.77 -5.94	15.75 1.51 -0.37	23.27 2.19 0.00	24.58 2.16 0.00	34.99 3.03 -2.37	33.53 3.08 0.00	30.40 2.55 -2.36	27.58 2.23 -4.33	21.77 1.76 0.00
HOLTSVILLE_IC_2 23691	12.05 0.82 -2.85	6.80 0.72 1.55	2.54 0.03 -2.22	10.44 0.53 -4.69	10.29 0.61 -3.90	13.49 0.82 -4.30	19.33 1.48 -0.40	13.99 1.10 1.75	6.15 0.99 6.78	15.81 1.31 0.68	13.41 1.23 2.39	-11.73 0.86 22.16	9.77 0.77 0.00	9.63 0.82 0.00	9.57 0.82 -0.44	13.64 0.74 -5.91	15.67 1.44 -0.37	23.14 2.06 0.00	24.42 2.00 0.00	34.76 2.81 -2.35	33.28 2.83 0.00	30.20 2.36 -2.35	27.40 2.09 -4.30	21.67 1.66 0.00
HOLTSVILLE_IC_3 23692	12.05 0.82 -2.85	6.80 0.72 1.55	2.54 0.03 -2.22	10.44 0.53 -4.69	10.29 0.61 -3.90	13.49 0.82 -4.30	19.33 1.48 -0.40	13.99 1.10 1.75	6.15 0.99 6.78	15.81 1.31 0.68	13.41 1.23 2.39	-11.73 0.86 22.16	9.77 0.77 0.00	9.63 0.82 0.00	9.57 0.82 -0.44	13.64 0.74 -5.91	15.67 1.44 -0.37	23.14 2.06 0.00	24.42 2.00 0.00	34.76 2.81 -2.35	33.28 2.83 0.00	30.20 2.36 -2.35	27.40 2.09 -4.30	21.67 1.66 0.00
HOLTSVILLE_IC_4 23693	12.05 0.82 -2.85	6.80 0.72 1.55	2.54 0.03 -2.22	10.44 0.53 -4.69	10.29 0.61 -3.90	13.49 0.82 -4.30	19.33 1.48 -0.40	13.99 1.10 1.75	6.15 0.99 6.78	15.81 1.31 0.68	13.41 1.23 2.39	-11.73 0.86 22.16	9.77 0.77 0.00	9.63 0.82 0.00	9.57 0.82 -0.44	13.64 0.74 -5.91	15.67 1.44 -0.37	23.14 2.06 0.00	24.42 2.00 0.00	34.76 2.81 -2.35	33.28 2.83 0.00	30.20 2.36 -2.35	27.40 2.09 -4.30	21.67 1.66 0.00
HOLTSVILLE_IC_5 23694	12.05 0.82 -2.85	6.80 0.72 1.55	2.54 0.03 -2.22	10.44 0.53 -4.69	10.29 0.61 -3.90	13.49 0.82 -4.30	19.33 1.48 -0.40	13.99 1.10 1.75	6.15 0.99 6.78	15.81 1.31 0.68	13.41 1.23 2.39	-11.73 0.86 22.16	9.77 0.77 0.00	9.63 0.82 0.00	9.57 0.82 -0.44	13.64 0.74 -5.91	15.67 1.44 -0.37	23.14 2.06 0.00	24.42 2.00 0.00	34.76 2.81 -2.35	33.28 2.83 0.00	30.20 2.36 -2.35	27.40 2.09 -4.30	21.67 1.66 0.00
HOLTSVILLE_IC_6 23695	12.49 0.87 -3.24	7.09 0.76 1.31	2.82 0.03 -2.50	10.83 0.56 -5.05	10.62 0.65 -4.20	14.01 0.87 -4.77	19.91 1.57 -0.89	14.43 1.16 1.38	7.19 1.03 5.78	16.39 1.38 0.16	13.99 1.29 1.87	-9.13 0.89 19.61	9.81 0.80 0.00	9.67 0.85 0.00	9.61 0.85 -0.45	13.71 0.77 -5.94	15.75 1.51 -0.37	23.27 2.19 0.00	24.58 2.16 0.00	34.99 3.03 -2.37	33.53 3.08 0.00	30.40 2.55 -2.36	27.58 2.23 -4.33	21.77 1.76 0.00
HOLTSVILLE_IC_7 23696	12.49 0.87 -3.24	7.09 0.76 1.31	2.82 0.03 -2.50	10.83 0.56 -5.05	10.62 0.65 -4.20	14.01 0.87 -4.77	19.91 1.57 -0.89	14.43 1.16 1.38	7.19 1.03 5.78	16.39 1.38 0.16	13.99 1.29 1.87	-9.13 0.89 19.61	9.81 0.80 0.00	9.67 0.85 0.00	9.61 0.85 -0.45	13.71 0.77 -5.94	15.75 1.51 -0.37	23.27 2.19 0.00	24.58 2.16 0.00	34.99 3.03 -2.37	33.53 3.08 0.00	30.40 2.55 -2.36	27.58 2.23 -4.33	21.77 1.76 0.00
HOLTSVILLE_IC_8 23697	12.49 0.87 -3.24	7.09 0.76 1.31	2.82 0.03 -2.50	10.83 0.56 -5.05	10.62 0.65 -4.20	14.01 0.87 -4.77	19.91 1.57 -0.89	14.43 1.16 1.38	7.19 1.03 5.78	16.39 1.38 0.16	13.99 1.29 1.87	-9.13 0.89 19.61	9.81 0.80 0.00	9.67 0.85 0.00	9.61 0.85 -0.45	13.71 0.77 -5.94	15.75 1.51 -0.37	23.27 2.19 0.00	24.58 2.16 0.00	34.99 3.03 -2.37	33.53 3.08 0.00	30.40 2.55 -2.36	27.58 2.23 -4.33	21.77 1.76 0.00
HOLTSVILLE_IC_9 23698	12.49 0.87 -3.24	7.09 0.76 1.31	2.82 0.03 -2.50	10.83 0.56 -5.05	10.62 0.65 -4.20	14.01 0.87 -4.77	19.91 1.57 -0.89	14.43 1.16 1.38	7.19 1.03 5.78	16.39 1.38 0.16	13.99 1.29 1.87	-9.13 0.89 19.61	9.81 0.80 0.00	9.67 0.85 0.00	9.61 0.85 -0.45	13.71 0.77 -5.94	15.75 1.51 -0.37	23.27 2.19 0.00	24.58 2.16 0.00	34.99 3.03 -2.37	33.53 3.08 0.00	30.40 2.55 -2.36	27.58 2.23 -4.33	21.77 1.76 0.00
HOMER_HL_115KV_TB2 355744	8.29 -0.09 0.00	7.61 -0.02 0.00	0.29 0.00 0.00	5.29 0.07 0.00	5.86 0.09 0.00	8.41 0.04 0.00	17.30 -0.15 0.00	14.33 -0.31 0.00	11.91 -0.03 0.00	15.42 0.24 0.00	14.89 0.32 0.00	9.74 0.16 0.00	9.17 0.16 0.00	8.85 0.03 0.00	8.30 -0.01 0.00	6.87 -0.13 0.00	13.38 -0.48 0.00	20.15 -0.93 0.00	21.36 -1.06 0.00	28.79 -0.81 0.00	29.70 -0.74 0.00	22.95 -0.97 1.57	20.27 -0.74 0.00	19.71 -0.29 0.00
HOWARD_WT_PWR 323690	8.19 -0.18 0.00	7.54 -0.09 0.00	0.28 -0.01 0.00	5.20 -0.02 0.00	5.77 -0.01 0.00	8.26 -0.10 0.00	17.21 -0.23 0.00	14.19 -0.45 0.00	11.69 -0.25 0.00	15.01 -0.17 0.00	14.28 -0.29 0.00	9.31 -0.27 0.00	8.78 -0.22 0.00	8.48 -0.34 0.00	7.91 -0.40 0.00	6.52 -0.48 0.00	12.83 -1.04 0.00	19.22 -1.86 0.00	20.29 -2.14 0.00	27.92 -1.68 0.00	29.23 -1.21 0.00	20.87 -1.24 3.38	20.06 -0.95 0.00	19.50 -0.51 0.00
HQ_GEN_CEDARS 23644	8.26 -0.12 0.00	7.53 -0.10 0.00	0.28 -0.01 0.00	5.11 -0.11 0.00	5.64 -0.13 0.00	8.22 -0.14 0.00	17.24 -0.21 0.00	14.53 -0.11 0.00	11.87 -0.06 0.00	15.11 -0.06 0.00	14.51 -0.05 0.00	9.52 -0.07 0.00	8.90 -0.10 0.00	8.70 -0.12 0.00	8.20 -0.11 0.00	6.94 -0.06 0.00	13.85 -0.02 0.00	21.10 0.02 0.00	22.51 0.09 0.00	29.85 0.25 0.00	30.73 0.28 0.00	25.69 0.20 0.00	20.99 -0.01 0.00	19.87 -0.14 0.00
HQ_GEN_CEDARS_PROXY 323590	8.26 -0.12 0.00	7.53 -0.10 0.00	0.28 -0.01 0.00	5.11 -0.11 0.00	5.64 -0.13 0.00	8.22 -0.14 0.00	17.24 -0.21 0.00	14.53 -0.11 0.00	11.88 -0.06 0.00	15.11 -0.06 0.00	14.51 -0.05 0.00	9.52 -0.07 0.00	8.90 -0.10 0.00	8.70 -0.12 0.00	8.20 -0.11 0.00	6.94 -0.06 0.00	13.85 -0.02 0.00	21.10 0.02 0.00	22.51 0.09 0.00	29.85 0.25 0.00	30.73 0.28 0.00	25.69 0.20 0.00	21.93 -0.01 -0.94	21.45 -0.14 -1.58

HQ_GEN_IMPORT 323601	8.30 -0.08 0.00	7.56 -0.07 0.00	0.29 0.00 0.00	5.16 -0.06 0.00	5.70 -0.07 0.00	8.29 -0.07 0.00	17.38 -0.07 0.00	14.66 0.02 0.00	11.96 0.02 0.00	15.21 0.03 0.00	14.60 0.03 0.00	9.59 0.01 0.00	9.00 0.00 0.00	8.81 -0.01 0.00	8.30 -0.01 0.00	7.00 0.01 0.00	13.91 0.04 0.00	21.15 0.08 0.00	22.52 0.10 0.00	29.75 0.15 0.00	30.58 0.13 0.00	25.63 0.14 0.00	21.06 0.05 0.00	20.12 0.03 -0.08
HQ_GEN_WHEEL 23651	8.30 -0.08 0.00	7.56 -0.07 0.00	0.29 0.00 0.00	5.16 -0.06 0.00	5.70 -0.07 0.00	8.29 -0.07 0.00	17.38 -0.07 0.00	14.66 0.02 0.00	11.96 0.02 0.00	15.21 0.03 0.00	14.60 0.03 0.00	9.59 0.01 0.00	9.00 0.00 0.00	8.81 -0.01 0.00	8.30 -0.01 0.00	7.00 0.01 0.00	13.91 0.04 0.00	21.15 0.08 0.00	22.52 0.10 0.00	29.75 0.15 0.00	30.58 0.13 0.00	25.63 0.14 0.00	21.06 0.05 0.00	20.12 0.03 -0.08
HUDSON AVE_GT_3 23810	8.98 0.61 0.00	8.17 0.54 0.00	0.31 0.02 0.00	5.60 0.38 0.00	6.21 0.44 0.00	8.94 0.57 0.00	18.47 1.03 0.00	15.51 0.87 0.00	12.71 0.77 0.00	16.24 1.06 0.00	15.62 1.06 0.00	10.32 0.74 0.00	9.73 0.72 0.00	9.56 0.75 0.00	9.05 0.74 0.00	7.63 0.64 0.00	15.11 1.24 0.00	22.84 1.76 0.00	24.10 1.68 0.00	31.65 2.05 0.00	32.60 2.15 0.00	27.25 1.76 0.00	22.52 1.51 0.00	21.41 1.40 0.00
HUDSON AVE_GT_4 23540	8.98 0.61 0.00	8.17 0.54 0.00	0.31 0.02 0.00	5.60 0.38 0.00	6.21 0.44 0.00	8.94 0.57 0.00	18.47 1.03 0.00	15.51 0.87 0.00	12.71 0.77 0.00	16.24 1.06 0.00	15.62 1.06 0.00	10.32 0.74 0.00	9.73 0.72 0.00	9.56 0.75 0.00	9.05 0.74 0.00	7.63 0.64 0.00	15.11 1.24 0.00	22.84 1.76 0.00	24.10 1.68 0.00	31.65 2.05 0.00	32.60 2.15 0.00	27.25 1.76 0.00	22.52 1.51 0.00	21.41 1.40 0.00
HUDSON AVE_GT_5 23657	8.98 0.61 0.00	8.17 0.54 0.00	0.31 0.02 0.00	5.60 0.38 0.00	6.21 0.44 0.00	8.94 0.57 0.00	18.47 1.03 0.00	15.51 0.87 0.00	12.71 0.77 0.00	16.24 1.06 0.00	15.62 1.06 0.00	10.32 0.74 0.00	9.73 0.72 0.00	9.56 0.75 0.00	9.05 0.74 0.00	7.63 0.64 0.00	15.11 1.24 0.00	22.84 1.76 0.00	24.10 1.68 0.00	31.65 2.05 0.00	32.60 2.15 0.00	27.25 1.76 0.00	22.52 1.51 0.00	21.41 1.40 0.00
HUDSON_AVE_10 24168	8.94 0.56 0.00	8.12 0.50 0.01	0.29 0.02 0.02	5.55 0.35 0.02	6.16 0.40 0.02	-5.71 0.52 14.61	18.38 0.94 0.01	15.43 0.79 0.00	12.64 0.71 0.01	16.16 0.98 0.00	15.55 0.99 0.00	10.27 0.69 0.00	9.68 0.68 0.00	9.52 0.70 0.00	9.00 0.69 0.00	7.60 0.60 0.00	15.05 1.18 0.00	22.73 1.65 0.00	23.98 1.56 0.01	31.48 1.89 0.01	32.43 1.98 0.00	27.13 1.64 0.00	22.41 1.40 0.00	21.31 1.30 0.00
HUDSON___115KV_TB 4 355613	8.76 0.38 0.00	7.98 0.35 0.00	0.30 0.01 0.00	5.46 0.24 0.00	6.05 0.28 0.00	8.74 0.37 0.00	18.02 0.57 0.00	15.05 0.41 0.00	12.27 0.33 0.00	15.48 0.30 0.00	14.81 0.25 0.00	9.76 0.17 0.00	9.19 0.18 0.00	9.02 0.21 0.00	8.49 0.17 0.00	7.14 0.14 0.00	14.17 0.30 0.00	21.58 0.50 0.00	23.01 0.59 0.00	30.49 0.89 0.00	31.51 1.06 0.00	26.36 0.86 0.00	21.78 0.77 0.00	20.70 0.68 0.00
HUNTER MOUNT___DRP 323613	8.80 0.42 0.00	8.02 0.38 0.00	0.30 0.01 0.00	5.48 0.27 0.00	6.08 0.30 0.00	8.78 0.41 0.00	18.12 0.67 0.00	15.16 0.51 0.00	12.39 0.46 0.00	15.61 0.43 0.00	14.92 0.36 0.00	9.82 0.24 0.00	9.25 0.25 0.00	9.09 0.27 0.00	8.53 0.21 0.00	7.15 0.16 0.00	14.23 0.36 0.00	21.70 0.63 0.00	23.18 0.76 0.00	30.73 1.13 0.00	31.75 1.31 0.00	26.55 1.06 0.00	21.93 0.92 0.00	20.83 0.82 0.00
HUNTINGTON_RES_REC 323705	12.41 0.65 -3.38	6.95 0.57 1.26	2.87 0.02 -2.56	10.76 0.42 -5.12	10.51 0.48 -4.26	13.92 0.63 -4.93	19.61 1.11 -1.05	14.20 0.83 1.28	7.20 0.78 5.52	16.22 1.06 0.01	13.83 0.99 1.73	-8.77 0.69 19.04	9.63 0.63 0.00	9.49 0.68 0.00	9.45 0.69 -0.45	13.62 0.63 -6.00	15.45 1.21 -0.37	22.78 1.70 0.00	23.93 1.51 0.00	33.99 2.01 -2.39	32.45 2.00 0.00	29.57 1.70 -2.38	26.94 1.56 -4.37	21.29 1.28 0.00
HUNTLEY___63 23557	7.97 -0.40 0.00	7.30 -0.34 0.00	0.28 -0.01 0.00	5.06 -0.15 0.00	5.60 -0.17 0.00	8.07 -0.29 0.00	16.87 -0.58 0.00	13.98 -0.67 0.00	11.59 -0.35 0.00	14.91 -0.27 0.00	14.40 -0.16 0.00	9.44 -0.14 0.00	8.89 -0.11 0.00	8.58 -0.23 0.00	8.04 -0.27 0.00	6.65 -0.34 0.00	13.01 -0.85 0.00	19.64 -1.44 0.00	20.88 -1.54 0.00	28.08 -1.52 0.00	28.89 -1.56 0.00	22.71 -1.76 1.02	19.52 -1.49 0.00	19.00 -1.01 0.00
HUNTLEY___64 23558	7.97 -0.40 0.00	7.30 -0.34 0.00	0.28 -0.01 0.00	5.06 -0.15 0.00	5.60 -0.17 0.00	8.07 -0.29 0.00	16.87 -0.58 0.00	13.98 -0.67 0.00	11.59 -0.35 0.00	14.91 -0.27 0.00	14.40 -0.16 0.00	9.44 -0.14 0.00	8.89 -0.11 0.00	8.58 -0.23 0.00	8.04 -0.27 0.00	6.65 -0.34 0.00	13.01 -0.85 0.00	19.64 -1.44 0.00	20.88 -1.54 0.00	28.08 -1.52 0.00	28.89 -1.56 0.00	22.71 -1.76 1.02	19.52 -1.49 0.00	19.00 -1.01 0.00
HUNTLEY___65 23559	7.97 -0.40 0.00	7.30 -0.34 0.00	0.28 -0.01 0.00	5.06 -0.15 0.00	5.60 -0.17 0.00	8.07 -0.29 0.00	16.87 -0.58 0.00	13.98 -0.67 0.00	11.59 -0.35 0.00	14.91 -0.27 0.00	14.40 -0.16 0.00	9.44 -0.14 0.00	8.89 -0.11 0.00	8.58 -0.23 0.00	8.04 -0.27 0.00	6.65 -0.34 0.00	13.01 -0.85 0.00	19.64 -1.44 0.00	20.88 -1.54 0.00	28.08 -1.52 0.00	28.89 -1.56 0.00	22.71 -1.76 1.02	19.52 -1.49 0.00	19.00 -1.01 0.00
HUNTLEY___66 23560	7.97 -0.40 0.00	7.30 -0.34 0.00	0.28 -0.01 0.00	5.06 -0.15 0.00	5.60 -0.17 0.00	8.07 -0.29 0.00	16.87 -0.58 0.00	13.98 -0.67 0.00	11.59 -0.35 0.00	14.91 -0.27 0.00	14.40 -0.16 0.00	9.44 -0.14 0.00	8.89 -0.11 0.00	8.58 -0.23 0.00	8.04 -0.27 0.00	6.65 -0.34 0.00	13.01 -0.85 0.00	19.64 -1.44 0.00	20.88 -1.54 0.00	28.08 -1.52 0.00	28.89 -1.56 0.00	22.71 -1.76 1.02	19.52 -1.49 0.00	19.00 -1.01 0.00
HUNTLEY___67 23561	7.96 -0.41 0.00	7.29 -0.34 0.00	0.27 -0.01 0.00	5.06 -0.16 0.00	5.59 -0.18 0.00	8.05 -0.31 0.00	16.81 -0.64 0.00	13.93 -0.71 0.00	11.55 -0.39 0.00	14.87 -0.30 0.00	14.37 -0.20 0.00	9.42 -0.16 0.00	8.87 -0.14 0.00	8.56 -0.25 0.00	8.03 -0.28 0.00	6.64 -0.35 0.00	12.98 -0.89 0.00	19.61 -1.46 0.00	20.85 -1.57 0.00	28.02 -1.58 0.00	28.81 -1.64 0.00	22.65 -1.80 1.05	19.49 -1.52 0.00	18.93 -1.08 0.00
HUNTLEY___68 23562	7.96 -0.41 0.00	7.29 -0.34 0.00	0.27 -0.01 0.00	5.06 -0.16 0.00	5.59 -0.18 0.00	8.05 -0.31 0.00	16.81 -0.64 0.00	13.93 -0.71 0.00	11.55 -0.39 0.00	14.87 -0.30 0.00	14.37 -0.20 0.00	9.42 -0.16 0.00	8.87 -0.14 0.00	8.56 -0.25 0.00	8.03 -0.28 0.00	6.64 -0.35 0.00	12.98 -0.89 0.00	19.61 -1.46 0.00	20.85 -1.57 0.00	28.02 -1.58 0.00	28.81 -1.64 0.00	22.65 -1.80 1.05	19.49 -1.52 0.00	18.93 -1.08 0.00

HYLAND___LFGE 323620	8.47 0.10 0.00	7.74 0.11 0.00	0.29 0.01 0.00	5.34 0.12 0.00	5.93 0.15 0.00	8.56 0.19 0.00	17.89 0.44 0.00	14.61 -0.03 0.00	11.78 -0.16 0.00	15.05 -0.13 0.00	14.44 -0.13 0.00	9.45 -0.13 0.00	8.91 -0.09 0.00	8.65 -0.17 0.00	8.09 -0.22 0.00	6.70 -0.29 0.00	13.19 -0.68 0.00	19.96 -1.12 0.00	21.25 -1.17 0.00	29.14 -0.46 0.00	30.63 0.18 0.00	23.71 -0.06 1.73	20.96 -0.05 0.00	20.16 0.15 0.00
INDECK___CORINTH 23802	8.91 0.53 0.00	8.10 0.47 0.00	0.30 0.01 0.00	5.54 0.32 0.00	6.16 0.39 0.00	8.95 0.58 0.00	18.61 1.16 0.00	15.53 0.89 0.00	12.51 0.57 0.00	15.75 0.58 0.00	15.09 0.52 0.00	9.96 0.37 0.00	9.37 0.37 0.00	9.12 0.31 0.00	8.59 0.28 0.00	7.21 0.22 0.00	14.40 0.54 0.00	22.01 0.94 0.00	23.51 1.09 0.00	31.05 1.45 0.00	32.01 1.56 0.00	26.71 1.22 0.00	22.09 1.08 0.00	21.00 0.98 0.00
INDECK___ILION 23567	8.53 0.15 0.00	7.76 0.13 0.00	0.29 0.00 0.00	5.31 0.09 0.00	5.89 0.11 0.00	8.52 0.15 0.00	17.66 0.21 0.00	14.68 0.04 0.00	11.83 -0.11 0.00	14.93 -0.25 0.00	14.31 -0.26 0.00	9.41 -0.17 0.00	8.87 -0.13 0.00	8.68 -0.13 0.00	8.19 -0.12 0.00	6.88 -0.11 0.00	13.67 -0.20 0.00	20.88 -0.20 0.00	22.42 0.00 0.00	29.67 0.07 0.00	30.66 0.21 0.00	25.64 0.15 0.00	21.22 0.22 0.00	20.21 0.19 0.00
INDECK___OLEAN 23982	8.29 -0.09 0.00	7.61 -0.02 0.00	0.29 0.00 0.00	5.29 0.07 0.00	5.86 0.09 0.00	8.41 0.04 0.00	17.30 -0.15 0.00	14.33 -0.31 0.00	11.91 -0.03 0.00	15.42 0.24 0.00	14.88 0.32 0.00	9.74 0.15 0.00	9.17 0.16 0.00	8.85 0.04 0.00	8.31 0.00 0.00	6.86 -0.13 0.00	13.38 -0.48 0.00	20.16 -0.92 0.00	21.36 -1.06 0.00	28.79 -0.81 0.00	29.68 -0.77 0.00	22.96 -0.95 1.57	20.27 -0.74 0.00	19.71 -0.29 0.00
INDECK___OSWEGO 23783	8.23 -0.14 0.00	7.50 -0.13 0.00	0.28 0.00 0.00	5.13 -0.08 0.00	5.68 -0.10 0.00	8.20 -0.17 0.00	17.07 -0.38 0.00	14.26 -0.38 0.00	11.62 -0.32 0.00	14.75 -0.43 0.00	14.17 -0.39 0.00	9.32 -0.26 0.00	8.76 -0.24 0.00	8.57 -0.24 0.00	8.06 -0.25 0.00	6.75 -0.24 0.00	13.33 -0.53 0.00	20.28 -0.79 0.00	21.59 -0.83 0.00	28.53 -1.07 0.00	29.38 -1.06 0.00	24.55 -0.94 0.00	20.28 -0.73 0.00	19.37 -0.64 0.00
INDECK___YERKES 23781	7.98 -0.40 0.00	7.30 -0.33 0.00	0.28 -0.01 0.00	5.07 -0.15 0.00	5.61 -0.17 0.00	8.08 -0.28 0.00	16.88 -0.56 0.00	13.99 -0.66 0.00	11.59 -0.34 0.00	14.92 -0.25 0.00	14.41 -0.15 0.00	9.45 -0.13 0.00	8.90 -0.11 0.00	8.60 -0.22 0.00	8.06 -0.25 0.00	6.66 -0.33 0.00	13.03 -0.84 0.00	19.66 -1.41 0.00	20.90 -1.52 0.00	28.11 -1.49 0.00	28.88 -1.56 0.00	22.75 -1.72 1.02	19.54 -1.47 0.00	19.02 -0.99 0.00
INDIAN POINT_GT_1 24139	8.89 0.51 0.00	8.08 0.45 0.00	0.30 0.02 0.00	5.54 0.32 0.00	6.14 0.37 0.00	8.84 0.48 0.00	18.30 0.85 0.00	15.37 0.73 0.00	12.58 0.64 0.00	16.02 0.85 0.00	15.39 0.83 0.00	10.16 0.58 0.00	9.59 0.58 0.00	9.42 0.60 0.00	8.92 0.61 0.00	7.53 0.53 0.00	14.93 1.06 0.00	22.62 1.54 0.00	23.90 1.48 0.00	31.41 1.81 0.00	32.36 1.91 0.00	27.07 1.57 0.00	22.36 1.36 0.00	21.26 1.25 0.00
INDIAN POINT_GT_2 23659	8.89 0.51 0.00	8.08 0.45 0.00	0.30 0.02 0.00	5.54 0.32 0.00	6.14 0.37 0.00	8.84 0.48 0.00	18.30 0.85 0.00	15.37 0.73 0.00	12.58 0.64 0.00	16.02 0.85 0.00	15.39 0.83 0.00	10.16 0.58 0.00	9.59 0.58 0.00	9.42 0.60 0.00	8.92 0.61 0.00	7.53 0.53 0.00	14.93 1.06 0.00	22.62 1.54 0.00	23.90 1.48 0.00	31.41 1.81 0.00	32.36 1.91 0.00	27.07 1.57 0.00	22.36 1.36 0.00	21.26 1.25 0.00
INDIAN POINT_GT_3 24019	8.89 0.51 0.00	8.08 0.45 0.00	0.30 0.02 0.00	5.54 0.32 0.00	6.14 0.37 0.00	8.84 0.48 0.00	18.30 0.85 0.00	15.37 0.73 0.00	12.58 0.64 0.00	16.02 0.85 0.00	15.39 0.83 0.00	10.16 0.58 0.00	9.59 0.58 0.00	9.42 0.60 0.00	8.92 0.61 0.00	7.53 0.53 0.00	14.93 1.06 0.00	22.62 1.54 0.00	23.90 1.48 0.00	31.41 1.81 0.00	32.36 1.91 0.00	27.07 1.57 0.00	22.36 1.36 0.00	21.26 1.25 0.00
INDIAN POINT___2 23530	8.88 0.50 0.00	8.07 0.44 0.00	0.31 0.02 0.00	5.53 0.31 0.00	6.14 0.36 0.00	8.83 0.47 0.00	18.28 0.84 0.00	15.36 0.72 0.00	12.57 0.63 0.00	16.01 0.83 0.00	15.38 0.81 0.00	10.15 0.57 0.00	9.58 0.57 0.00	9.41 0.60 0.00	8.91 0.60 0.00	7.52 0.53 0.00	14.91 1.05 0.00	22.60 1.52 0.00	23.87 1.45 0.00	31.38 1.78 0.00	32.34 1.89 0.00	27.05 1.55 0.00	22.35 1.34 0.00	21.25 1.24 0.00
INDIAN POINT___3 23531	8.88 0.50 0.00	8.08 0.44 0.00	0.30 0.02 0.00	5.53 0.31 0.00	6.14 0.36 0.00	8.84 0.47 0.00	18.29 0.84 0.00	15.36 0.72 0.00	12.57 0.63 0.00	16.01 0.83 0.00	15.38 0.81 0.00	10.16 0.57 0.00	9.58 0.57 0.00	9.41 0.60 0.00	8.91 0.60 0.00	7.52 0.53 0.00	14.91 1.05 0.00	22.59 1.52 0.00	23.88 1.46 0.00	31.38 1.78 0.00	32.34 1.89 0.00	27.04 1.55 0.00	22.35 1.34 0.00	21.25 1.24 0.00
INGHAM_C_115KV_TB7 356103	8.59 0.21 0.00	7.81 0.18 0.00	0.29 0.00 0.00	5.33 0.12 0.00	5.95 0.18 0.00	8.61 0.24 0.00	17.80 0.35 0.00	14.68 0.04 0.00	11.67 -0.27 0.00	14.61 -0.57 0.00	13.95 -0.61 0.00	9.18 -0.40 0.00	8.69 -0.31 0.00	8.49 -0.32 0.00	8.03 -0.28 0.00	6.76 -0.23 0.00	13.47 -0.40 0.00	20.67 -0.41 0.00	22.40 -0.02 0.00	29.79 0.19 0.00	30.89 0.44 0.00	25.88 0.39 0.00	21.48 0.48 0.00	20.43 0.42 0.00
IP CORINTH___1 23988	8.91 0.53 0.00	8.10 0.47 0.00	0.30 0.01 0.00	5.54 0.32 0.00	6.16 0.39 0.00	8.95 0.58 0.00	18.61 1.16 0.00	15.53 0.89 0.00	12.51 0.57 0.00	15.75 0.58 0.00	15.09 0.52 0.00	9.96 0.37 0.00	9.37 0.37 0.00	9.12 0.31 0.00	8.59 0.28 0.00	7.21 0.22 0.00	14.40 0.54 0.00	22.02 0.94 0.00	23.51 1.09 0.00	31.05 1.45 0.00	32.01 1.56 0.00	26.71 1.22 0.00	22.09 1.08 0.00	21.00 0.98 0.00
IP___TICONDEROGA 23804	9.01 0.63 0.00	8.23 0.60 0.00	0.29 0.00 0.00	5.57 0.35 0.00	6.29 0.52 0.00	9.26 0.90 0.00	19.39 1.94 0.00	16.15 1.51 0.00	12.86 0.92 0.00	16.04 0.86 0.00	15.19 0.62 0.00	10.18 0.60 0.00	9.59 0.59 0.00	9.33 0.51 0.00	8.72 0.41 0.00	7.34 0.35 0.00	14.84 0.97 0.00	22.73 1.66 0.00	24.06 1.64 0.00	31.74 2.14 0.00	32.72 2.27 0.00	27.33 1.84 0.00	22.99 1.98 0.00	21.93 1.91 0.00
ISLIP_RES_REC 323679	12.80 0.90 -3.53	7.29 0.78 1.13	3.02 0.03 -2.70	11.10 0.57 -5.31	10.85 0.66 -4.41	14.38 0.90 -5.12	20.33 1.63 -1.25	14.75 1.22 1.11	7.96 1.08 5.06	16.82 1.43 -0.21	14.42 1.34 1.49	-7.25 0.93 17.75	9.84 0.84 0.00	9.70 0.88 0.00	9.64 0.88 -0.45	13.77 0.80 -5.97	15.81 1.57 -0.37	23.37 2.29 0.00	24.70 2.28 0.00	35.16 3.19 -2.38	33.68 3.23 0.00	30.54 2.67 -2.38	27.69 2.33 -4.35	21.85 1.84 0.00

JAMAICA__27_KV_LOAD 355505	8.98 0.60 0.00	8.15 0.53 0.01	0.29 0.02 0.02	5.58 0.37 0.02	6.19 0.43 0.02	-5.68 0.56 14.61	18.45 1.01 0.01	15.49 0.85 0.00	12.68 0.75 0.01	16.22 1.04 0.00	15.62 1.05 0.00	10.32 0.74 0.00	9.73 0.73 0.00	9.55 0.74 0.00	9.04 0.73 0.00	7.63 0.64 0.00	15.12 1.25 0.00	22.82 1.74 0.00	24.07 1.65 0.01	31.59 2.00 0.01	32.57 2.13 0.00	27.26 1.77 0.00	22.52 1.52 0.00	21.40 1.40 0.00
JANIS__SOLAR 323808	8.69 0.31 0.00	7.91 0.28 0.00	0.29 0.01 0.00	5.42 0.19 0.00	6.02 0.24 0.00	8.72 0.35 0.00	18.14 0.70 0.00	15.05 0.41 0.00	12.15 0.21 0.00	15.28 0.10 0.00	14.56 -0.01 0.00	9.55 -0.04 0.00	8.98 -0.02 0.00	8.75 -0.07 0.00	8.26 -0.06 0.00	6.92 -0.08 0.00	13.71 -0.16 0.00	20.98 -0.10 0.00	22.38 -0.04 0.00	30.24 0.64 0.00	31.28 0.84 0.00	36.95 0.60 -10.86	21.46 0.45 0.00	20.48 0.47 0.00
JARVIS____ 23743	8.47 0.10 0.00	7.71 0.08 0.00	0.29 0.01 0.00	5.28 0.06 0.00	5.85 0.07 0.00	8.44 0.07 0.00	17.52 0.07 0.00	14.64 0.00 0.00	11.91 -0.03 0.00	15.12 -0.06 0.00	14.51 -0.06 0.00	9.55 -0.03 0.00	8.98 -0.02 0.00	8.79 -0.03 0.00	8.28 -0.03 0.00	6.95 -0.04 0.00	13.77 -0.09 0.00	20.98 -0.09 0.00	22.36 -0.07 0.00	29.50 -0.09 0.00	30.40 -0.05 0.00	25.41 -0.08 0.00	21.00 -0.01 0.00	20.01 0.00 0.00
JENNISON____1 23625	8.73 0.35 0.00	7.95 0.31 0.00	0.28 -0.01 0.00	5.40 0.18 0.00	6.02 0.25 0.00	8.73 0.37 0.00	18.17 0.72 0.00	15.12 0.48 0.00	12.29 0.36 0.00	15.55 0.37 0.00	14.80 0.24 0.00	9.70 0.12 0.00	9.14 0.13 0.00	8.89 0.07 0.00	8.43 0.11 0.00	7.06 0.06 0.00	13.97 0.11 0.00	21.43 0.36 0.00	23.07 0.65 0.00	30.98 1.38 0.00	32.00 1.55 0.00	29.50 1.15 -2.86	21.96 0.95 0.00	20.82 0.81 0.00
JENNISON____2 23626	8.73 0.35 0.00	7.95 0.31 0.00	0.28 -0.01 0.00	5.40 0.18 0.00	6.02 0.25 0.00	8.73 0.37 0.00	18.17 0.72 0.00	15.12 0.48 0.00	12.29 0.36 0.00	15.55 0.37 0.00	14.80 0.24 0.00	9.70 0.12 0.00	9.14 0.13 0.00	8.89 0.07 0.00	8.43 0.11 0.00	7.06 0.06 0.00	13.97 0.11 0.00	21.43 0.36 0.00	23.07 0.65 0.00	30.98 1.38 0.00	32.00 1.55 0.00	29.50 1.15 -2.86	21.96 0.95 0.00	20.82 0.81 0.00
JERICOHO_RISE_WT_PWR 323719	8.21 -0.16 0.00	7.48 -0.15 0.00	0.28 -0.01 0.00	5.06 -0.16 0.00	5.58 -0.19 0.00	8.15 -0.22 0.00	17.04 -0.41 0.00	14.38 -0.27 0.00	11.74 -0.20 0.00	14.95 -0.23 0.00	14.31 -0.25 0.00	9.34 -0.25 0.00	8.71 -0.29 0.00	8.54 -0.28 0.00	8.07 -0.24 0.00	6.85 -0.15 0.00	13.79 -0.08 0.00	20.96 -0.11 0.00	22.37 -0.06 0.00	29.77 0.18 0.00	30.62 0.17 0.00	25.51 0.02 0.00	20.81 -0.20 0.00	19.75 -0.26 0.00
KATONAH__115KV_46KV_TB4 355592	8.92 0.55 0.00	8.11 0.48 0.00	0.31 0.02 0.00	5.56 0.34 0.00	6.16 0.39 0.00	8.88 0.51 0.00	18.38 0.93 0.00	15.44 0.80 0.00	12.63 0.69 0.00	16.09 0.91 0.00	15.46 0.89 0.00	10.21 0.63 0.00	9.62 0.62 0.00	9.45 0.64 0.00	8.95 0.64 0.00	7.55 0.56 0.00	14.98 1.11 0.00	22.70 1.63 0.00	24.01 1.59 0.00	31.55 1.95 0.00	32.49 2.05 0.00	27.16 1.67 0.00	22.45 1.44 0.00	21.34 1.33 0.00
KCE_NY_1 323755	8.82 0.44 0.00	8.03 0.39 0.00	0.30 0.02 0.00	5.48 0.27 0.00	6.09 0.32 0.00	8.83 0.47 0.00	18.31 0.86 0.00	15.28 0.64 0.00	12.35 0.41 0.00	15.65 0.47 0.00	14.96 0.39 0.00	9.85 0.27 0.00	9.28 0.28 0.00	9.08 0.27 0.00	8.56 0.25 0.00	7.21 0.21 0.00	14.37 0.50 0.00	21.96 0.88 0.00	23.45 1.03 0.00	30.92 1.32 0.00	31.85 1.41 0.00	26.55 1.06 0.00	21.99 0.98 0.00	20.92 0.91 0.00
KCE_NY_6_ESR 323823	8.06 -0.31 0.00	7.38 -0.25 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.67 -0.11 0.00	8.16 -0.21 0.00	16.99 -0.45 0.00	14.08 -0.56 0.00	11.68 -0.26 0.00	15.05 -0.13 0.00	14.53 -0.03 0.00	9.52 -0.06 0.00	8.96 -0.04 0.00	8.64 -0.17 0.00	8.11 -0.20 0.00	6.70 -0.29 0.00	13.10 -0.77 0.00	19.80 -1.27 0.00	21.05 -1.37 0.00	28.35 -1.25 0.00	29.15 -1.30 0.00	22.83 -1.48 1.18	19.75 -1.26 0.00	19.16 -0.85 0.00
KEDC_PORT_JEFF_GT2 24210	12.32 0.87 -3.07	6.99 0.76 1.41	2.71 0.03 -2.39	10.67 0.56 -4.89	10.49 0.64 -4.07	13.81 0.87 -4.58	19.70 1.56 -0.69	14.27 1.16 1.54	6.77 1.03 6.20	16.17 1.37 0.38	13.76 1.29 2.09	-10.21 0.89 20.68	9.80 0.80 0.00	9.66 0.85 0.00	9.60 0.85 -0.45	13.70 0.77 -5.93	15.74 1.51 -0.37	23.27 2.20 0.00	24.58 2.16 0.00	34.99 3.03 -2.36	33.53 3.08 0.00	30.40 2.54 -2.36	27.56 2.23 -4.32	21.77 1.76 0.00
KEDC_PORT_JEFF_GT3 24211	12.32 0.87 -3.07	6.99 0.76 1.41	2.71 0.03 -2.39	10.67 0.56 -4.89	10.49 0.64 -4.07	13.81 0.87 -4.58	19.70 1.56 -0.69	14.27 1.16 1.54	6.77 1.03 6.20	16.17 1.37 0.38	13.76 1.29 2.09	-10.21 0.89 20.68	9.80 0.80 0.00	9.66 0.85 0.00	9.60 0.85 -0.45	13.70 0.77 -5.93	15.74 1.51 -0.37	23.27 2.20 0.00	24.58 2.16 0.00	34.99 3.03 -2.36	33.53 3.08 0.00	30.40 2.54 -2.36	27.56 2.23 -4.32	21.77 1.76 0.00
KEDC_GLWD_GT4 24219	33.65 0.68 -24.60	17.90 0.60 -9.67	15.37 0.02 -15.06	27.35 0.42 -21.71	24.24 0.49 -17.98	38.77 0.65 -29.76	45.09 1.18 -26.46	32.94 0.96 -17.34	55.10 0.86 -42.30	42.74 1.15 -26.42	40.09 1.10 -24.42	107.61 0.77 -97.26	9.74 0.74 0.00	9.58 0.77 0.00	9.85 0.77 -0.77	17.90 0.66 -10.25	15.74 1.23 -0.64	22.85 1.77 0.00	24.10 1.68 0.00	35.82 2.15 -4.08	32.66 2.21 0.00	31.40 1.84 -4.08	30.15 1.67 -7.47	21.53 1.53 0.00
KEDC_GLWD_GT5 24220	33.65 0.68 -24.60	17.90 0.60 -9.67	15.37 0.02 -15.06	27.35 0.42 -21.71	24.24 0.49 -17.98	38.77 0.65 -29.76	45.09 1.18 -26.46	32.94 0.96 -17.34	55.10 0.86 -42.30	42.74 1.15 -26.42	40.09 1.10 -24.42	107.61 0.77 -97.26	9.74 0.74 0.00	9.58 0.77 0.00	9.85 0.77 -0.77	17.90 0.66 -10.25	15.74 1.23 -0.64	22.85 1.77 0.00	24.10 1.68 0.00	35.82 2.15 -4.08	32.66 2.21 0.00	31.40 1.84 -4.08	30.15 1.67 -7.47	21.53 1.53 0.00
KENSICO____ 23655	8.91 0.54 0.00	8.11 0.47 0.00	0.31 0.02 0.00	5.55 0.33 0.00	6.16 0.39 0.00	8.87 0.50 0.00	18.34 0.90 0.00	15.40 0.76 0.00	12.61 0.67 0.00	16.07 0.90 0.00	15.44 0.88 0.00	10.20 0.62 0.00	9.62 0.61 0.00	9.45 0.64 0.00	8.95 0.64 0.00	7.55 0.56 0.00	14.97 1.11 0.00	22.68 1.60 0.00	23.96 1.54 0.00	31.48 1.88 0.00	32.43 1.99 0.00	27.12 1.63 0.00	22.42 1.41 0.00	21.31 1.30 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	8.89 0.52 0.00	8.08 0.46 0.00	0.30 0.02 0.00	5.54 0.32 0.00	6.15 0.37 0.00	8.85 0.49 0.00	18.36 0.91 0.00	15.41 0.77 0.00	12.62 0.69 0.00	16.00 0.82 0.00	15.33 0.77 0.00	10.10 0.52 0.00	9.52 0.52 0.00	9.35 0.54 0.00	8.85 0.54 0.00	7.48 0.49 0.00	14.86 1.00 0.00	22.65 1.57 0.00	24.05 1.63 0.00	31.69 2.09 0.00	32.69 2.24 0.00	27.35 1.86 0.00	22.52 1.52 0.00	21.36 1.35 0.00

KIAC_JFK_GT1 23816	8.93 0.56 0.00	8.11 0.49 0.01	0.29 0.02 0.02	5.55 0.35 0.02	6.16 0.40 0.02	-5.72 0.51 14.61	18.36 0.91 0.01	15.41 0.77 0.00	12.62 0.69 0.01	16.14 0.96 0.00	15.54 0.98 0.00	10.27 0.69 0.00	9.68 0.68 0.00	9.51 0.69 0.00	9.00 0.69 0.00	7.60 0.60 0.00	15.03 1.16 0.00	22.62 1.55 0.00	23.86 1.44 0.01	31.31 1.72 0.01	32.27 1.82 0.00	27.01 1.52 0.00	22.40 1.40 0.00	21.30 1.29 0.00
KIAC_JFK_GT2 23817	8.93 0.56 0.00	8.11 0.49 0.01	0.29 0.02 0.02	5.55 0.35 0.02	6.16 0.40 0.02	-5.72 0.51 14.61	18.36 0.91 0.01	15.41 0.77 0.00	12.62 0.69 0.01	16.14 0.96 0.00	15.54 0.98 0.00	10.27 0.69 0.00	9.68 0.68 0.00	9.51 0.69 0.00	9.00 0.69 0.00	7.60 0.60 0.00	15.03 1.16 0.00	22.62 1.55 0.00	23.86 1.44 0.01	31.31 1.72 0.01	32.27 1.82 0.00	27.01 1.52 0.00	22.40 1.40 0.00	21.30 1.29 0.00
KIAC_JFK____ 323774	8.93 0.56 0.00	8.11 0.49 0.01	0.29 0.02 0.02	5.55 0.35 0.02	6.16 0.40 0.02	-5.72 0.51 14.61	18.36 0.91 0.01	15.41 0.77 0.00	12.62 0.69 0.01	16.14 0.96 0.00	15.54 0.98 0.00	10.27 0.69 0.00	9.68 0.68 0.00	9.51 0.69 0.00	9.00 0.69 0.00	7.60 0.60 0.00	15.03 1.16 0.00	22.62 1.55 0.00	23.86 1.44 0.01	31.31 1.72 0.01	32.28 1.83 0.00	27.01 1.52 0.00	22.40 1.40 0.00	21.30 1.29 0.00
KINTIGH__24_KV_GSU 356498	8.01 -0.36 0.00	7.33 -0.30 0.00	0.28 -0.01 0.00	5.08 -0.14 0.00	5.62 -0.16 0.00	8.09 -0.27 0.00	16.88 -0.57 0.00	14.00 -0.64 0.00	11.56 -0.37 0.00	14.86 -0.32 0.00	14.35 -0.22 0.00	9.41 -0.17 0.00	8.86 -0.14 0.00	8.60 -0.22 0.00	8.07 -0.24 0.00	6.69 -0.31 0.00	13.08 -0.78 0.00	19.79 -1.28 0.00	21.04 -1.38 0.00	28.16 -1.43 0.00	28.94 -1.51 0.00	23.18 -1.58 0.73	19.66 -1.35 0.00	19.03 -0.98 0.00
KINTIGH____ 23543	8.01 -0.37 0.00	7.32 -0.31 0.00	0.28 -0.01 0.00	5.07 -0.15 0.00	5.61 -0.16 0.00	8.08 -0.28 0.00	16.87 -0.58 0.00	13.99 -0.65 0.00	11.56 -0.38 0.00	14.85 -0.33 0.00	14.34 -0.23 0.00	9.40 -0.17 0.00	8.85 -0.15 0.00	8.58 -0.23 0.00	8.05 -0.26 0.00	6.68 -0.31 0.00	13.07 -0.80 0.00	19.77 -1.31 0.00	21.02 -1.41 0.00	28.14 -1.46 0.00	28.94 -1.51 0.00	23.14 -1.62 0.73	19.64 -1.37 0.00	19.01 -1.00 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	8.32 -0.06 0.00	7.57 -0.06 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.66 -0.11 0.00	8.25 -0.11 0.00	17.25 -0.20 0.00	14.57 -0.08 0.00	11.82 -0.12 0.00	15.10 -0.08 0.00	14.30 -0.27 0.00	9.31 -0.27 0.00	8.69 -0.31 0.00	8.52 -0.30 0.00	8.05 -0.26 0.00	6.83 -0.16 0.00	13.89 0.02 0.00	21.11 0.03 0.00	22.52 0.10 0.00	30.00 0.40 0.00	30.93 0.48 0.00	25.77 0.28 0.00	21.00 -0.01 0.00	19.90 -0.11 0.00
LACHUTE____HYDRO 323717	9.01 0.63 0.00	8.23 0.60 0.00	0.29 0.00 0.00	5.57 0.35 0.00	6.29 0.52 0.00	9.26 0.90 0.00	19.39 1.94 0.00	16.15 1.51 0.00	12.86 0.92 0.00	16.04 0.86 0.00	15.19 0.62 0.00	10.18 0.60 0.00	9.60 0.59 0.00	9.33 0.51 0.00	8.72 0.41 0.00	7.34 0.35 0.00	14.84 0.97 0.00	22.73 1.66 0.00	24.06 1.64 0.00	31.74 2.14 0.00	32.73 2.28 0.00	27.33 1.84 0.00	22.99 1.98 0.00	21.92 1.91 0.00
LAWRNCALV_115KV_TB1 80681	8.23 -0.15 0.00	7.49 -0.14 0.00	0.28 -0.01 0.00	5.07 -0.15 0.00	5.59 -0.19 0.00	8.06 -0.30 0.00	16.89 -0.55 0.00	14.23 -0.42 0.00	11.59 -0.34 0.00	14.72 -0.46 0.00	14.14 -0.43 0.00	9.26 -0.32 0.00	8.64 -0.36 0.00	8.38 -0.44 0.00	7.90 -0.41 0.00	6.69 -0.30 0.00	13.38 -0.48 0.00	20.50 -0.57 0.00	21.95 -0.47 0.00	29.15 -0.45 0.00	30.09 -0.36 0.00	25.14 -0.35 0.00	20.50 -0.51 0.00	19.35 -0.66 0.00
LEDERLE____ 23769	8.92 0.55 0.00	8.11 0.48 0.00	0.31 0.02 0.00	5.56 0.34 0.00	6.17 0.39 0.00	8.88 0.51 0.00	18.40 0.95 0.00	15.47 0.83 0.00	12.66 0.73 0.00	16.13 0.95 0.00	15.49 0.92 0.00	10.23 0.65 0.00	9.65 0.65 0.00	9.49 0.67 0.00	8.99 0.68 0.00	7.59 0.59 0.00	15.05 1.18 0.00	22.80 1.73 0.00	24.10 1.68 0.00	31.67 2.07 0.00	32.63 2.18 0.00	27.28 1.79 0.00	22.52 1.51 0.00	21.41 1.39 0.00
LIGHTHSE_115KV_TB6 355974	8.37 -0.01 0.00	7.60 -0.03 0.00	0.28 0.00 0.00	5.17 -0.05 0.00	5.70 -0.07 0.00	8.20 -0.16 0.00	17.05 -0.39 0.00	14.24 -0.40 0.00	11.58 -0.36 0.00	14.63 -0.54 0.00	14.08 -0.49 0.00	9.27 -0.31 0.00	8.67 -0.33 0.00	8.48 -0.34 0.00	7.97 -0.34 0.00	6.66 -0.33 0.00	13.17 -0.69 0.00	20.23 -0.84 0.00	21.67 -0.75 0.00	28.68 -0.92 0.00	29.66 -0.79 0.00	24.73 -0.77 0.00	20.37 -0.64 0.00	19.42 -0.59 0.00
LINDEN COGEN____ 23786	8.95 0.57 0.00	8.13 0.50 0.00	0.31 0.02 0.00	5.57 0.35 0.00	6.18 0.41 0.00	8.89 0.52 0.00	18.38 0.93 0.00	15.43 0.79 0.00	12.65 0.71 0.00	16.14 0.97 0.00	15.53 0.97 0.00	10.25 0.67 0.00	9.67 0.67 0.00	9.52 0.70 0.00	9.00 0.69 0.00	7.60 0.60 0.00	15.03 1.17 0.00	22.72 1.64 0.00	23.98 1.56 0.00	31.48 1.88 0.00	32.43 1.98 0.00	27.10 1.61 0.00	22.38 1.37 0.00	-291.04 1.28 312.33
LINDHRST_69_KV_BK1 356055	19.13 0.83 -9.92	11.63 0.74 -3.26	7.91 0.03 -7.60	16.58 0.53 -10.83	15.10 0.60 -8.72	21.22 0.81 -12.05	27.94 1.49 -9.00	20.19 1.16 -4.39	25.70 1.03 -12.73	24.62 1.37 -8.08	22.16 1.28 -6.32	38.60 0.88 -28.15	9.81 0.81 0.00	9.67 0.85 0.00	9.66 0.85 -0.50	14.40 0.77 -6.63	15.77 1.49 -0.41	23.25 2.17 0.00	24.52 2.10 0.00	35.08 2.84 -2.64	33.34 2.90 0.00	30.54 2.41 -2.64	27.94 2.10 -4.84	21.77 1.76 0.00
LIPA_MISC_IPP 23656	12.12 0.84 -2.91	6.85 0.73 1.51	2.59 0.03 -2.27	10.51 0.54 -4.74	10.36 0.64 -3.94	13.59 0.85 -4.38	19.43 1.50 -0.48	14.03 1.08 1.69	6.27 0.96 6.62	15.85 1.28 0.60	13.47 1.21 2.31	-11.35 0.83 21.77	9.75 0.74 0.00	9.61 0.79 0.00	9.55 0.80 -0.44	13.63 0.73 -5.91	15.64 1.40 -0.37	23.11 2.03 0.00	24.42 2.00 0.00	34.86 2.91 -2.35	33.40 2.95 0.00	30.30 2.45 -2.35	27.48 2.16 -4.31	21.64 1.63 0.00
LISF____SOLAR 323691	12.21 0.85 -2.98	6.91 0.74 1.47	2.64 0.03 -2.32	10.58 0.55 -4.81	10.42 0.65 -4.00	13.70 0.87 -4.46	19.55 1.53 -0.57	14.11 1.09 1.62	6.47 0.97 6.44	15.96 1.29 0.51	13.57 1.21 2.21	-10.87 0.85 21.30	9.75 0.75 0.00	9.61 0.80 0.00	9.56 0.81 -0.44	13.65 0.73 -5.92	15.65 1.41 -0.37	23.14 2.06 0.00	24.46 2.04 0.00	34.93 2.97 -2.36	33.47 3.02 0.00	30.35 2.51 -2.35	27.53 2.21 -4.31	21.68 1.67 0.00
LITTLE FALLS____HYD 24013	8.59 0.21 0.00	7.81 0.18 0.00	0.29 0.00 0.00	5.33 0.12 0.00	5.95 0.18 0.00	8.61 0.24 0.00	17.80 0.35 0.00	14.68 0.04 0.00	11.67 -0.27 0.00	14.61 -0.57 0.00	13.95 -0.61 0.00	9.18 -0.40 0.00	8.69 -0.31 0.00	8.49 -0.32 0.00	8.03 -0.28 0.00	6.76 -0.23 0.00	13.47 -0.40 0.00	20.67 -0.41 0.00	22.40 -0.02 0.00	29.79 0.19 0.00	30.89 0.44 0.00	25.88 0.39 0.00	21.48 0.48 0.00	20.43 0.42 0.00

LITTLRIV_115KV_TB1 356100	8.31 -0.07 0.00	7.57 -0.06 0.00	0.28 -0.01 0.00	5.12 -0.09 0.00	5.65 -0.12 0.00	8.20 -0.17 0.00	17.17 -0.28 0.00	14.37 -0.27 0.00	11.66 -0.27 0.00	14.78 -0.40 0.00	14.17 -0.39 0.00	9.29 -0.30 0.00	8.66 -0.34 0.00	8.40 -0.41 0.00	7.92 -0.39 0.00	6.72 -0.28 0.00	13.47 -0.40 0.00	20.69 -0.39 0.00	22.15 -0.27 0.00	29.57 -0.03 0.00	30.70 0.26 0.00	25.68 0.19 0.00	20.90 -0.11 0.00	19.71 -0.30 0.00
LI_NEWBRDGE___DRP 323616	8.02 0.70 1.05	4.29 0.63 3.97	-0.22 0.02 0.53	6.76 0.44 -1.10	7.23 0.51 -0.95	8.66 0.67 0.38	14.19 1.21 4.47	10.15 0.93 5.43	-3.87 0.87 16.67	10.54 1.16 5.80	8.09 1.09 7.56	-37.14 0.77 47.48	9.71 0.71 0.00	9.56 0.75 0.00	9.47 0.75 -0.41	13.17 0.67 -5.51	15.50 1.29 -0.34	22.92 1.84 0.00	24.16 1.74 0.00	34.12 2.33 -2.19	32.79 2.34 0.00	29.65 1.97 -2.19	26.76 1.74 -4.01	21.46 1.45 0.00
LOCKPORT_115KV_TB60_63_64 80432	7.90 -0.47 0.00	7.23 -0.40 0.00	0.27 -0.02 0.00	5.03 -0.19 0.00	5.56 -0.22 0.00	8.00 -0.36 0.00	16.74 -0.71 0.00	13.85 -0.79 0.00	11.47 -0.47 0.00	14.75 -0.43 0.00	14.24 -0.33 0.00	9.34 -0.25 0.00	8.80 -0.20 0.00	8.50 -0.31 0.00	7.97 -0.34 0.00	6.61 -0.38 0.00	12.96 -0.91 0.00	19.48 -1.59 0.00	20.72 -1.70 0.00	27.89 -1.71 0.00	28.71 -1.73 0.00	22.70 -1.87 0.92	19.39 -1.62 0.00	18.89 -1.12 0.00
LOCKPORT___CC1 323769	7.91 -0.46 0.00	7.24 -0.40 0.00	0.27 -0.02 0.00	5.03 -0.19 0.00	5.56 -0.22 0.00	8.00 -0.36 0.00	16.74 -0.71 0.00	13.85 -0.79 0.00	11.47 -0.47 0.00	14.75 -0.43 0.00	14.25 -0.32 0.00	9.34 -0.24 0.00	8.80 -0.20 0.00	8.52 -0.30 0.00	7.99 -0.32 0.00	6.61 -0.38 0.00	12.95 -0.92 0.00	19.49 -1.59 0.00	20.72 -1.70 0.00	27.89 -1.71 0.00	28.68 -1.76 0.00	22.69 -1.86 0.94	19.40 -1.61 0.00	18.88 -1.13 0.00
LOCKPORT___CC2 323770	7.91 -0.46 0.00	7.24 -0.40 0.00	0.27 -0.02 0.00	5.03 -0.19 0.00	5.56 -0.22 0.00	8.00 -0.36 0.00	16.74 -0.71 0.00	13.85 -0.79 0.00	11.47 -0.47 0.00	14.75 -0.43 0.00	14.25 -0.32 0.00	9.34 -0.24 0.00	8.80 -0.20 0.00	8.52 -0.30 0.00	7.99 -0.32 0.00	6.61 -0.38 0.00	12.95 -0.92 0.00	19.49 -1.59 0.00	20.72 -1.70 0.00	27.89 -1.71 0.00	28.68 -1.76 0.00	22.69 -1.86 0.94	19.40 -1.61 0.00	18.88 -1.13 0.00
LOCKPORT___CC3 323771	7.91 -0.46 0.00	7.24 -0.40 0.00	0.27 -0.02 0.00	5.03 -0.19 0.00	5.56 -0.22 0.00	8.00 -0.36 0.00	16.74 -0.71 0.00	13.85 -0.79 0.00	11.47 -0.47 0.00	14.75 -0.43 0.00	14.25 -0.32 0.00	9.34 -0.24 0.00	8.80 -0.20 0.00	8.52 -0.30 0.00	7.99 -0.32 0.00	6.61 -0.38 0.00	12.95 -0.92 0.00	19.49 -1.59 0.00	20.72 -1.70 0.00	27.89 -1.71 0.00	28.68 -1.76 0.00	22.69 -1.86 0.94	19.40 -1.61 0.00	18.88 -1.13 0.00
LOCUSVLY_69_KV_BK2 55797	28.51 0.72 -19.41	15.40 0.63 -7.14	12.46 0.02 -12.15	23.49 0.45 -17.82	21.05 0.51 -14.76	32.77 0.68 -23.72	39.02 1.26 -20.31	28.51 1.01 -12.87	43.84 0.92 -30.98	36.43 1.22 -20.04	33.86 1.16 -18.13	80.52 0.81 -70.13	9.77 0.76 0.00	9.61 0.80 0.00	9.79 0.80 -0.68	16.78 0.70 -9.09	15.76 1.33 -0.56	23.00 1.92 0.00	24.24 1.82 0.00	35.60 2.39 -3.61	32.87 2.42 0.00	31.13 2.02 -3.61	29.43 1.79 -6.62	21.58 1.57 0.00
LONG_LAKE_PHOENIX 24014	8.25 -0.12 0.00	7.52 -0.11 0.00	0.28 0.00 0.00	5.16 -0.06 0.00	5.71 -0.06 0.00	8.25 -0.11 0.00	17.18 -0.27 0.00	14.35 -0.29 0.00	11.69 -0.25 0.00	14.85 -0.33 0.00	14.25 -0.31 0.00	9.37 -0.21 0.00	8.82 -0.19 0.00	8.63 -0.19 0.00	8.11 -0.20 0.00	6.79 -0.20 0.00	13.43 -0.44 0.00	20.41 -0.66 0.00	21.72 -0.70 0.00	28.71 -0.89 0.00	29.57 -0.88 0.00	24.69 -0.80 0.00	20.38 -0.63 0.00	19.48 -0.53 0.00
LOVETT___3 23632	8.87 0.49 0.00	8.07 0.43 0.00	0.30 0.02 0.00	5.53 0.31 0.00	6.13 0.36 0.00	8.83 0.46 0.00	18.29 0.84 0.00	15.37 0.73 0.00	12.58 0.64 0.00	16.01 0.84 0.00	15.39 0.82 0.00	10.16 0.58 0.00	9.58 0.58 0.00	9.42 0.60 0.00	8.92 0.61 0.00	7.53 0.53 0.00	14.93 1.06 0.00	22.61 1.54 0.00	23.89 1.47 0.00	31.40 1.80 0.00	32.36 1.91 0.00	27.06 1.57 0.00	22.36 1.36 0.00	21.26 1.24 0.00
LOVETT___4 23642	8.87 0.49 0.00	8.07 0.43 0.00	0.30 0.02 0.00	5.53 0.31 0.00	6.13 0.36 0.00	8.83 0.46 0.00	18.29 0.84 0.00	15.37 0.73 0.00	12.58 0.64 0.00	16.01 0.84 0.00	15.39 0.82 0.00	10.16 0.58 0.00	9.58 0.58 0.00	9.42 0.60 0.00	8.92 0.61 0.00	7.53 0.53 0.00	14.93 1.06 0.00	22.61 1.54 0.00	23.89 1.47 0.00	31.40 1.80 0.00	32.36 1.91 0.00	27.06 1.57 0.00	22.36 1.36 0.00	21.26 1.24 0.00
LOVETT___5 23593	8.87 0.49 0.00	8.07 0.43 0.00	0.30 0.02 0.00	5.53 0.31 0.00	6.13 0.36 0.00	8.83 0.46 0.00	18.29 0.84 0.00	15.37 0.73 0.00	12.58 0.64 0.00	16.01 0.84 0.00	15.39 0.82 0.00	10.16 0.58 0.00	9.58 0.58 0.00	9.42 0.60 0.00	8.92 0.61 0.00	7.53 0.53 0.00	14.93 1.06 0.00	22.61 1.54 0.00	23.89 1.47 0.00	31.40 1.80 0.00	32.36 1.91 0.00	27.06 1.57 0.00	22.36 1.36 0.00	21.26 1.24 0.00
LOWER RAQUET___HYD 24057	8.21 -0.16 0.00	7.48 -0.15 0.00	0.28 -0.01 0.00	5.06 -0.16 0.00	5.57 -0.20 0.00	8.02 -0.35 0.00	16.78 -0.66 0.00	14.13 -0.52 0.00	11.51 -0.43 0.00	14.59 -0.59 0.00	14.01 -0.55 0.00	9.18 -0.40 0.00	8.56 -0.45 0.00	8.28 -0.54 0.00	7.80 -0.51 0.00	6.61 -0.38 0.00	13.24 -0.63 0.00	20.32 -0.76 0.00	21.77 -0.66 0.00	28.92 -0.67 0.00	29.90 -0.55 0.00	24.96 -0.54 0.00	20.34 -0.66 0.00	19.19 -0.83 0.00
LOWER___HUDSON 24059	8.70 0.33 0.00	7.92 0.29 0.00	0.30 0.01 0.00	5.41 0.19 0.00	6.01 0.23 0.00	8.68 0.32 0.00	17.97 0.52 0.00	15.02 0.38 0.00	12.19 0.25 0.00	15.41 0.24 0.00	14.81 0.24 0.00	9.75 0.17 0.00	9.17 0.17 0.00	9.00 0.18 0.00	8.49 0.18 0.00	7.14 0.14 0.00	14.22 0.35 0.00	21.67 0.60 0.00	23.09 0.67 0.00	30.38 0.78 0.00	31.35 0.90 0.00	26.18 0.69 0.00	21.71 0.70 0.00	20.68 0.67 0.00
LOWVILLE_115KV_TB2 356335	8.51 0.14 0.00	7.71 0.08 0.00	0.29 0.00 0.00	5.17 -0.05 0.00	5.66 -0.11 0.00	8.07 -0.30 0.00	16.80 -0.65 0.00	14.07 -0.58 0.00	11.42 -0.52 0.00	14.38 -0.80 0.00	13.86 -0.70 0.00	9.11 -0.47 0.00	8.44 -0.56 0.00	8.23 -0.58 0.00	7.73 -0.58 0.00	6.49 -0.51 0.00	12.91 -0.95 0.00	20.26 -0.82 0.00	21.93 -0.49 0.00	28.91 -0.69 0.00	29.92 -0.53 0.00	24.71 -0.79 0.00	20.26 -0.74 0.00	19.20 -0.81 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	8.82 0.45 0.00	8.03 0.39 0.00	0.30 0.02 0.00	5.49 0.27 0.00	6.10 0.32 0.00	8.83 0.46 0.00	18.32 0.87 0.00	15.28 0.64 0.00	12.36 0.42 0.00	15.62 0.44 0.00	14.97 0.40 0.00	9.86 0.28 0.00	9.28 0.28 0.00	9.08 0.27 0.00	8.57 0.25 0.00	7.20 0.21 0.00	14.36 0.50 0.00	21.93 0.85 0.00	23.42 1.00 0.00	30.89 1.30 0.00	31.84 1.40 0.00	26.57 1.07 0.00	21.98 0.97 0.00	20.92 0.90 0.00

LUTHERNY_35_KV_BK2 355980	8.82 0.44 0.00	8.03 0.39 0.00	0.30 0.02 0.00	5.48 0.27 0.00	6.09 0.32 0.00	8.83 0.47 0.00	18.31 0.86 0.00	15.28 0.64 0.00	12.35 0.41 0.00	15.64 0.47 0.00	14.96 0.39 0.00	9.85 0.27 0.00	9.28 0.28 0.00	9.08 0.27 0.00	8.56 0.25 0.00	7.21 0.21 0.00	14.37 0.50 0.00	21.96 0.88 0.00	23.45 1.03 0.00	30.92 1.32 0.00	31.85 1.41 0.00	26.55 1.06 0.00	21.99 0.98 0.00	20.93 0.91 0.00
LWR___OSWEGATCHIE_HYD 23850	8.31 -0.06 0.00	7.54 -0.09 0.00	0.28 -0.01 0.00	5.08 -0.14 0.00	5.57 -0.20 0.00	7.97 -0.40 0.00	16.63 -0.82 0.00	13.94 -0.70 0.00	11.32 -0.62 0.00	14.25 -0.92 0.00	13.74 -0.83 0.00	9.02 -0.56 0.00	8.36 -0.64 0.00	8.13 -0.68 0.00	7.65 -0.66 0.00	6.44 -0.55 0.00	12.85 -1.02 0.00	20.01 -1.06 0.00	21.62 -0.80 0.00	28.60 -1.00 0.00	29.62 -0.83 0.00	24.56 -0.93 0.00	20.09 -0.91 0.00	19.01 -1.00 0.00
LYONS_FALL_HYD 23570	8.54 0.16 0.00	7.75 0.12 0.00	0.29 0.01 0.00	5.24 0.02 0.00	5.76 -0.01 0.00	8.25 -0.11 0.00	17.18 -0.27 0.00	14.36 -0.28 0.00	11.67 -0.27 0.00	14.72 -0.46 0.00	14.16 -0.41 0.00	9.31 -0.27 0.00	8.67 -0.33 0.00	8.47 -0.34 0.00	7.96 -0.35 0.00	6.68 -0.31 0.00	13.30 -0.57 0.00	20.65 -0.43 0.00	22.24 -0.19 0.00	29.37 -0.23 0.00	30.34 -0.11 0.00	25.17 -0.32 0.00	20.68 -0.33 0.00	19.63 -0.38 0.00
MADISON___COUNTY_LFGE 323628	8.61 0.23 0.00	7.83 0.20 0.00	0.30 0.01 0.00	5.36 0.14 0.00	5.93 0.16 0.00	8.56 0.19 0.00	17.79 0.34 0.00	14.82 0.18 0.00	12.03 0.09 0.00	15.22 0.04 0.00	14.59 0.02 0.00	9.60 0.02 0.00	9.00 -0.01 0.00	8.81 -0.01 0.00	8.28 -0.03 0.00	6.95 -0.04 0.00	13.80 -0.06 0.00	21.16 0.08 0.00	22.65 0.23 0.00	30.09 0.49 0.00	31.06 0.62 0.00	25.92 0.43 0.00	21.34 0.33 0.00	20.31 0.30 0.00
MALONE___115KV_TB1 356076	8.27 -0.11 0.00	7.52 -0.11 0.00	0.28 -0.01 0.00	5.08 -0.14 0.00	5.61 -0.16 0.00	8.21 -0.15 0.00	17.20 -0.25 0.00	14.49 -0.15 0.00	11.80 -0.14 0.00	15.01 -0.17 0.00	14.38 -0.19 0.00	9.37 -0.21 0.00	8.73 -0.27 0.00	8.56 -0.25 0.00	8.09 -0.22 0.00	6.87 -0.13 0.00	13.86 0.00 0.00	21.13 0.05 0.00	22.52 0.10 0.00	29.99 0.39 0.00	30.92 0.47 0.00	25.77 0.28 0.00	21.00 -0.01 0.00	19.90 -0.11 0.00
MAPLEWOD_115KV_TB3 80458	8.68 0.31 0.00	7.91 0.28 0.00	0.30 0.01 0.00	5.41 0.19 0.00	5.99 0.22 0.00	8.65 0.29 0.00	17.86 0.41 0.00	14.94 0.30 0.00	12.14 0.20 0.00	15.38 0.20 0.00	14.74 0.17 0.00	9.70 0.12 0.00	9.14 0.13 0.00	8.96 0.15 0.00	8.46 0.15 0.00	7.12 0.13 0.00	14.13 0.26 0.00	21.49 0.41 0.00	22.86 0.44 0.00	30.12 0.52 0.00	31.03 0.58 0.00	25.97 0.48 0.00	21.50 0.49 0.00	20.46 0.45 0.00
MAPLE_RIDGE_WT_1 323574	8.36 -0.02 0.00	7.60 -0.03 0.00	0.29 0.00 0.00	5.18 -0.04 0.00	5.71 -0.06 0.00	8.24 -0.13 0.00	17.19 -0.26 0.00	14.44 -0.21 0.00	11.75 -0.18 0.00	14.96 -0.21 0.00	14.38 -0.18 0.00	9.44 -0.14 0.00	8.84 -0.16 0.00	8.64 -0.17 0.00	8.13 -0.18 0.00	6.83 -0.16 0.00	13.52 -0.35 0.00	20.74 -0.34 0.00	22.19 -0.23 0.00	29.28 -0.32 0.00	30.15 -0.30 0.00	25.11 -0.38 0.00	20.65 -0.35 0.00	19.65 -0.36 0.00
MAPLE_RIDGE_WT_2 323611	8.36 -0.02 0.00	7.60 -0.03 0.00	0.29 0.00 0.00	5.18 -0.04 0.00	5.71 -0.06 0.00	8.24 -0.13 0.00	17.19 -0.26 0.00	14.44 -0.21 0.00	11.75 -0.18 0.00	14.96 -0.21 0.00	14.38 -0.18 0.00	9.44 -0.14 0.00	8.84 -0.16 0.00	8.64 -0.17 0.00	8.13 -0.18 0.00	6.83 -0.16 0.00	13.52 -0.35 0.00	20.74 -0.34 0.00	22.19 -0.23 0.00	29.28 -0.32 0.00	30.15 -0.30 0.00	25.11 -0.38 0.00	20.65 -0.35 0.00	19.65 -0.36 0.00
MARBLE_RIVER_WT_PWR 323696	8.24 -0.14 0.00	7.50 -0.13 0.00	0.27 -0.01 0.00	5.07 -0.15 0.00	5.60 -0.17 0.00	8.16 -0.21 0.00	17.05 -0.40 0.00	14.38 -0.27 0.00	11.74 -0.19 0.00	14.95 -0.23 0.00	14.31 -0.25 0.00	9.33 -0.25 0.00	8.71 -0.30 0.00	8.53 -0.28 0.00	8.07 -0.24 0.00	6.85 -0.15 0.00	13.80 -0.06 0.00	20.99 -0.08 0.00	22.40 -0.02 0.00	29.83 0.23 0.00	30.68 0.23 0.00	25.55 0.06 0.00	20.83 -0.17 0.00	19.77 -0.24 0.00
MARSHVLE_115KV_TB1 80742	8.79 0.41 0.00	7.99 0.35 0.00	0.30 0.01 0.00	5.47 0.25 0.00	6.04 0.27 0.00	8.75 0.39 0.00	18.24 0.79 0.00	15.11 0.47 0.00	12.11 0.18 0.00	15.34 0.16 0.00	14.71 0.14 0.00	9.66 0.08 0.00	9.10 0.09 0.00	8.87 0.05 0.00	8.34 0.03 0.00	7.01 0.01 0.00	13.88 0.02 0.00	21.22 0.14 0.00	23.01 0.58 0.00	30.80 1.20 0.00	31.86 1.41 0.00	26.61 1.12 0.00	21.89 0.88 0.00	20.81 0.80 0.00
MARSH_HILL_WT_PWR 323713	8.19 -0.19 0.00	7.54 -0.10 0.00	0.28 -0.01 0.00	5.19 -0.03 0.00	5.76 -0.02 0.00	8.25 -0.11 0.00	17.19 -0.25 0.00	14.17 -0.47 0.00	11.66 -0.28 0.00	14.98 -0.19 0.00	14.25 -0.31 0.00	9.29 -0.29 0.00	8.76 -0.24 0.00	8.46 -0.35 0.00	7.90 -0.41 0.00	6.51 -0.49 0.00	12.81 -1.06 0.00	19.20 -1.88 0.00	20.28 -2.14 0.00	27.92 -1.68 0.00	29.23 -1.22 0.00	21.14 -1.27 3.08	20.04 -0.97 0.00	19.49 -0.52 0.00
MCINTYRE_115KV_TB2 80467	8.35 -0.03 0.00	7.61 -0.02 0.00	0.28 0.00 0.00	5.15 -0.07 0.00	5.69 -0.08 0.00	8.33 -0.03 0.00	17.46 0.02 0.00	14.59 -0.05 0.00	11.85 -0.09 0.00	15.05 -0.12 0.00	14.43 -0.14 0.00	9.45 -0.13 0.00	8.83 -0.17 0.00	8.61 -0.20 0.00	8.12 -0.19 0.00	6.89 -0.10 0.00	13.81 -0.05 0.00	21.21 0.13 0.00	22.62 0.19 0.00	30.15 0.55 0.00	31.32 0.87 0.00	26.24 0.74 0.00	21.35 0.34 0.00	20.15 0.14 0.00
MECO_____69_KV_BK1 80468	8.88 0.50 0.00	8.08 0.45 0.00	0.31 0.02 0.00	5.53 0.31 0.00	6.13 0.35 0.00	8.87 0.51 0.00	18.45 1.01 0.00	15.30 0.66 0.00	12.09 0.16 0.00	15.21 0.04 0.00	14.56 0.00 0.00	9.56 -0.03 0.00	9.00 -0.01 0.00	8.80 -0.01 0.00	8.27 -0.03 0.00	6.96 -0.03 0.00	13.84 -0.03 0.00	21.24 0.16 0.00	23.17 0.75 0.00	31.14 1.54 0.00	32.26 1.81 0.00	26.95 1.46 0.00	22.16 1.15 0.00	21.06 1.04 0.00
MENANDS___115KV_TB5 355628	8.65 0.28 0.00	7.89 0.25 0.00	0.30 0.01 0.00	5.39 0.17 0.00	5.98 0.20 0.00	8.62 0.25 0.00	17.78 0.33 0.00	14.87 0.23 0.00	12.09 0.15 0.00	15.33 0.15 0.00	14.68 0.12 0.00	9.68 0.10 0.00	9.11 0.11 0.00	8.94 0.12 0.00	8.44 0.13 0.00	7.11 0.11 0.00	14.08 0.22 0.00	21.39 0.32 0.00	22.74 0.32 0.00	29.93 0.33 0.00	30.82 0.37 0.00	25.80 0.31 0.00	21.38 0.37 0.00	20.35 0.34 0.00
MG INDUSTRY___DRP 24185	8.66 0.29 0.00	7.90 0.27 0.00	0.30 0.01 0.00	5.41 0.19 0.00	5.99 0.21 0.00	8.65 0.28 0.00	17.84 0.40 0.00	14.88 0.24 0.00	12.05 0.11 0.00	15.26 0.09 0.00	14.63 0.07 0.00	9.64 0.06 0.00	9.08 0.07 0.00	8.91 0.09 0.00	8.40 0.09 0.00	7.07 0.08 0.00	14.03 0.17 0.00	21.35 0.27 0.00	22.74 0.32 0.00	30.03 0.44 0.00	30.96 0.51 0.00	25.91 0.42 0.00	21.43 0.42 0.00	20.41 0.40 0.00

MID___OSWEGATCHIE_HYD 23849	8.31 -0.06 0.00	7.54 -0.09 0.00	0.28 -0.01 0.00	5.08 -0.14 0.00	5.57 -0.20 0.00	7.97 -0.40 0.00	16.63 -0.82 0.00	13.94 -0.70 0.00	11.32 -0.62 0.00	14.25 -0.92 0.00	13.74 -0.83 0.00	9.02 -0.56 0.00	8.36 -0.64 0.00	8.13 -0.68 0.00	7.65 -0.66 0.00	6.44 -0.55 0.00	12.85 -1.02 0.00	20.01 -1.06 0.00	21.62 -0.80 0.00	28.60 -1.00 0.00	29.62 -0.83 0.00	24.56 -0.93 0.00	20.09 -0.91 0.00	19.01 -1.00 0.00
MID___RAQUETTE_HYD 23851	8.21 -0.16 0.00	7.48 -0.15 0.00	0.28 -0.01 0.00	5.06 -0.16 0.00	5.57 -0.20 0.00	8.02 -0.35 0.00	16.78 -0.66 0.00	14.13 -0.52 0.00	11.51 -0.43 0.00	14.59 -0.59 0.00	14.01 -0.55 0.00	9.18 -0.40 0.00	8.56 -0.45 0.00	8.28 -0.54 0.00	7.80 -0.51 0.00	6.61 -0.38 0.00	13.24 -0.63 0.00	20.32 -0.76 0.00	21.76 -0.66 0.00	28.92 -0.68 0.00	29.89 -0.55 0.00	24.96 -0.53 0.00	20.34 -0.67 0.00	19.19 -0.83 0.00
MILLIKEN___1 23584	8.51 0.14 0.00	7.76 0.12 0.00	0.29 0.00 0.00	5.32 0.10 0.00	5.90 0.12 0.00	8.53 0.16 0.00	17.73 0.28 0.00	14.77 0.13 0.00	12.02 0.08 0.00	15.22 0.05 0.00	14.59 0.02 0.00	9.58 0.00 0.00	9.01 0.01 0.00	8.79 -0.02 0.00	8.28 -0.03 0.00	6.93 -0.06 0.00	13.72 -0.15 0.00	20.82 -0.25 0.00	22.01 -0.41 0.00	29.40 -0.20 0.00	30.34 -0.11 0.00	38.21 -0.19 -12.91	20.85 -0.15 0.00	19.97 -0.04 0.00
MILLIKEN___2 23585	8.51 0.14 0.00	7.76 0.12 0.00	0.29 0.00 0.00	5.32 0.10 0.00	5.90 0.12 0.00	8.53 0.16 0.00	17.73 0.28 0.00	14.77 0.13 0.00	12.02 0.08 0.00	15.22 0.05 0.00	14.59 0.02 0.00	9.58 0.00 0.00	9.01 0.01 0.00	8.79 -0.02 0.00	8.28 -0.03 0.00	6.93 -0.06 0.00	13.72 -0.15 0.00	20.82 -0.25 0.00	22.01 -0.41 0.00	29.40 -0.20 0.00	30.34 -0.11 0.00	38.21 -0.19 -12.91	20.85 -0.15 0.00	19.97 -0.04 0.00
MILLIKEN___DIESEL 23629	8.51 0.14 0.00	7.76 0.12 0.00	0.29 0.00 0.00	5.32 0.10 0.00	5.90 0.12 0.00	8.53 0.16 0.00	17.73 0.28 0.00	14.77 0.13 0.00	12.02 0.08 0.00	15.22 0.05 0.00	14.59 0.02 0.00	9.58 0.00 0.00	9.01 0.01 0.00	8.79 -0.02 0.00	8.28 -0.03 0.00	6.93 -0.06 0.00	13.72 -0.15 0.00	20.82 -0.25 0.00	22.01 -0.41 0.00	29.40 -0.20 0.00	30.34 -0.11 0.00	38.21 -0.19 -12.91	20.85 -0.15 0.00	19.97 -0.04 0.00
MILLSEAT___LFGE 323607	8.09 -0.29 0.00	7.39 -0.24 0.00	0.28 -0.01 0.00	5.13 -0.09 0.00	5.67 -0.10 0.00	8.19 -0.18 0.00	17.15 -0.30 0.00	14.18 -0.46 0.00	11.66 -0.28 0.00	14.92 -0.26 0.00	14.39 -0.18 0.00	9.43 -0.16 0.00	8.89 -0.11 0.00	8.61 -0.20 0.00	8.08 -0.23 0.00	6.71 -0.28 0.00	13.27 -0.60 0.00	19.81 -1.26 0.00	21.20 -1.22 0.00	28.63 -0.96 0.00	29.46 -0.98 0.00	23.51 -1.17 0.81	19.93 -1.08 0.00	19.33 -0.68 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	8.90 0.52 0.00	8.09 0.46 0.00	0.30 0.02 0.00	5.54 0.32 0.00	6.15 0.38 0.00	8.85 0.49 0.00	18.31 0.87 0.00	15.38 0.74 0.00	12.59 0.65 0.00	16.03 0.86 0.00	15.40 0.84 0.00	10.17 0.59 0.00	9.59 0.59 0.00	9.43 0.61 0.00	8.93 0.62 0.00	7.53 0.54 0.00	14.93 1.07 0.00	22.62 1.54 0.00	23.91 1.49 0.00	31.42 1.82 0.00	32.38 1.93 0.00	27.07 1.58 0.00	22.37 1.37 0.00	21.27 1.26 0.00
MILLWOOD_13_KV_LOAD 356217	8.91 0.53 0.00	8.10 0.46 0.00	0.30 0.02 0.00	5.55 0.33 0.00	6.16 0.38 0.00	8.86 0.50 0.00	18.34 0.89 0.00	15.40 0.76 0.00	12.60 0.67 0.00	16.05 0.88 0.00	15.43 0.86 0.00	10.18 0.60 0.00	9.60 0.60 0.00	9.43 0.62 0.00	8.94 0.63 0.00	7.54 0.55 0.00	14.95 1.09 0.00	22.66 1.58 0.00	23.94 1.52 0.00	31.47 1.87 0.00	32.41 1.97 0.00	27.11 1.61 0.00	22.40 1.40 0.00	21.30 1.29 0.00
MODEL_CITY_ENERGY 24167	7.83 -0.55 0.00	7.16 -0.47 0.00	0.27 -0.02 0.00	4.98 -0.24 0.00	5.50 -0.27 0.00	7.93 -0.44 0.00	16.58 -0.87 0.00	13.72 -0.92 0.00	11.37 -0.57 0.00	14.62 -0.55 0.00	14.12 -0.44 0.00	9.26 -0.32 0.00	8.73 -0.27 0.00	8.45 -0.37 0.00	7.93 -0.38 0.00	6.56 -0.43 0.00	12.83 -1.03 0.00	19.32 -1.75 0.00	20.53 -1.89 0.00	27.59 -2.01 0.00	28.39 -2.06 0.00	22.43 -2.11 0.95	19.19 -1.82 0.00	18.72 -1.29 0.00
MODERN_LFGE___ 323580	7.83 -0.55 0.00	7.16 -0.47 0.00	0.27 -0.02 0.00	4.98 -0.24 0.00	5.50 -0.27 0.00	7.93 -0.44 0.00	16.58 -0.87 0.00	13.72 -0.92 0.00	11.37 -0.57 0.00	14.62 -0.55 0.00	14.12 -0.44 0.00	9.26 -0.32 0.00	8.73 -0.27 0.00	8.45 -0.37 0.00	7.93 -0.38 0.00	6.56 -0.43 0.00	12.83 -1.03 0.00	19.32 -1.75 0.00	20.53 -1.89 0.00	27.59 -2.01 0.00	28.39 -2.06 0.00	22.43 -2.11 0.95	19.19 -1.82 0.00	18.72 -1.29 0.00
MOHAWK_PAPER___DRP 24187	8.68 0.31 0.00	7.91 0.28 0.00	0.30 0.01 0.00	5.41 0.19 0.00	5.99 0.22 0.00	8.65 0.29 0.00	17.86 0.41 0.00	14.94 0.30 0.00	12.14 0.20 0.00	15.38 0.20 0.00	14.74 0.17 0.00	9.70 0.12 0.00	9.14 0.13 0.00	8.96 0.15 0.00	8.46 0.15 0.00	7.12 0.13 0.00	14.13 0.26 0.00	21.49 0.41 0.00	22.86 0.44 0.00	30.12 0.52 0.00	31.03 0.58 0.00	25.97 0.48 0.00	21.50 0.49 0.00	20.46 0.45 0.00
MOHICAN___35_KV_115KV_LD 80490	8.92 0.54 0.00	8.11 0.48 0.00	0.30 0.02 0.00	5.54 0.32 0.00	6.17 0.40 0.00	8.96 0.60 0.00	18.64 1.19 0.00	15.55 0.91 0.00	12.52 0.58 0.00	15.76 0.58 0.00	15.09 0.53 0.00	9.96 0.38 0.00	9.38 0.38 0.00	9.14 0.33 0.00	8.60 0.29 0.00	7.23 0.24 0.00	14.45 0.58 0.00	22.10 1.02 0.00	23.60 1.18 0.00	31.18 1.58 0.00	32.14 1.69 0.00	26.81 1.32 0.00	22.20 1.19 0.00	21.10 1.09 0.00
MONGAUP___HYD 23641	8.78 0.41 0.00	7.99 0.35 0.00	0.30 0.01 0.00	5.47 0.26 0.00	6.07 0.30 0.00	8.75 0.38 0.00	17.98 0.53 0.00	15.02 0.38 0.00	12.18 0.24 0.00	15.45 0.27 0.00	14.76 0.19 0.00	9.74 0.16 0.00	9.19 0.18 0.00	9.02 0.21 0.00	8.53 0.22 0.00	7.20 0.20 0.00	14.28 0.42 0.00	21.76 0.68 0.00	23.23 0.81 0.00	30.77 1.17 0.00	31.82 1.37 0.00	26.65 1.16 0.00	22.16 1.15 0.00	21.02 1.01 0.00
MONTAUK___DIESEL 23721	11.98 0.67 -2.93	6.70 0.56 1.50	2.62 0.04 -2.29	10.61 0.62 -4.77	10.54 0.79 -3.97	13.84 1.07 -4.41	19.88 1.92 -0.51	14.36 1.38 1.67	6.64 1.26 6.56	16.35 1.74 0.56	13.93 1.64 2.28	-10.92 1.10 21.59	9.93 0.92 0.00	9.79 0.97 0.00	9.69 0.94 -0.44	13.71 0.80 -5.91	15.46 1.23 -0.37	22.90 1.82 0.00	24.41 1.99 0.00	35.13 3.18 -2.35	33.82 3.38 0.00	30.61 2.77 -2.35	27.68 2.37 -4.31	21.53 1.52 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	8.13 -0.25 0.00	7.49 -0.15 0.00	0.29 0.00 0.00	5.27 0.05 0.00	5.84 0.07 0.00	8.40 0.03 0.00	17.31 -0.14 0.00	14.39 -0.25 0.00	12.00 0.07 0.00	15.56 0.39 0.00	15.05 0.48 0.00	9.83 0.25 0.00	9.20 0.19 0.00	8.70 -0.11 0.00	8.11 -0.21 0.00	6.68 -0.31 0.00	13.03 -0.83 0.00	19.81 -1.27 0.00	21.28 -1.14 0.00	28.80 -0.80 0.00	29.44 -1.01 0.00	22.78 -1.38 1.33	19.81 -1.20 0.00	19.18 -0.84 0.00

MORRIS_RIDGE___SOLAR 323848	8.15 -0.23 0.00	7.46 -0.17 0.00	0.28 -0.01 0.00	5.15 -0.07 0.00	5.70 -0.07 0.00	8.20 -0.16 0.00	17.05 -0.40 0.00	14.01 -0.63 0.00	11.50 -0.44 0.00	14.75 -0.42 0.00	14.11 -0.45 0.00	9.23 -0.35 0.00	8.70 -0.31 0.00	8.39 -0.43 0.00	7.85 -0.46 0.00	6.49 -0.51 0.00	12.74 -1.13 0.00	19.18 -1.90 0.00	20.42 -2.00 0.00	28.02 -1.57 0.00	29.07 -1.38 0.00	21.94 -1.51 2.04	19.87 -1.14 0.00	19.32 -0.69 0.00
MORTIMER_115KV_TB3 55949	8.18 -0.20 0.00	7.47 -0.17 0.00	0.28 -0.01 0.00	5.15 -0.07 0.00	5.70 -0.07 0.00	8.23 -0.14 0.00	17.18 -0.27 0.00	14.28 -0.37 0.00	11.72 -0.22 0.00	14.99 -0.18 0.00	14.45 -0.12 0.00	9.49 -0.10 0.00	8.93 -0.08 0.00	8.68 -0.13 0.00	8.15 -0.16 0.00	6.79 -0.21 0.00	13.33 -0.54 0.00	20.23 -0.84 0.00	21.56 -0.86 0.00	28.79 -0.81 0.00	29.61 -0.84 0.00	24.07 -0.97 0.45	20.16 -0.84 0.00	19.40 -0.61 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.20 0.43 0.00	8.92 0.55 0.00	18.44 0.99 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.20 1.02 0.00	15.58 1.01 0.00	10.28 0.70 0.00	9.70 0.69 0.00	9.53 0.72 0.00	9.02 0.71 0.00	7.60 0.61 0.00	15.06 1.19 0.00	22.77 1.70 0.00	24.05 1.63 0.00	31.59 1.99 0.00	32.52 2.08 0.00	27.20 1.71 0.00	22.48 1.47 0.00	21.37 1.36 0.00
MUNSVILLE_WIND_PWR 323609	8.90 0.52 0.00	8.10 0.47 0.00	0.29 0.01 0.00	5.54 0.32 0.00	6.17 0.39 0.00	8.96 0.60 0.00	18.69 1.24 0.00	15.50 0.86 0.00	12.50 0.57 0.00	15.66 0.49 0.00	14.86 0.30 0.00	9.76 0.18 0.00	9.20 0.19 0.00	8.92 0.10 0.00	8.45 0.14 0.00	7.06 0.06 0.00	13.96 0.10 0.00	21.54 0.46 0.00	23.27 0.85 0.00	31.64 2.04 0.00	32.68 2.24 0.00	34.10 1.76 -6.85	22.38 1.38 0.00	21.25 1.24 0.00
N SALMON___HYD 24042	8.27 -0.11 0.00	7.52 -0.11 0.00	0.28 -0.01 0.00	5.08 -0.14 0.00	5.61 -0.16 0.00	8.21 -0.15 0.00	17.20 -0.25 0.00	14.49 -0.15 0.00	11.80 -0.14 0.00	15.01 -0.17 0.00	14.38 -0.19 0.00	9.37 -0.21 0.00	8.73 -0.27 0.00	8.56 -0.25 0.00	8.09 -0.22 0.00	6.87 -0.13 0.00	13.86 0.00 0.00	21.13 0.05 0.00	22.52 0.10 0.00	29.99 0.39 0.00	30.92 0.47 0.00	25.77 0.28 0.00	21.00 -0.01 0.00	19.90 -0.11 0.00
N.AKRON__115KV_KNAPP 355671	8.07 -0.31 0.00	7.38 -0.26 0.00	0.28 -0.01 0.00	5.11 -0.10 0.00	5.66 -0.11 0.00	8.17 -0.20 0.00	17.11 -0.34 0.00	14.15 -0.49 0.00	11.66 -0.28 0.00	14.93 -0.25 0.00	14.40 -0.17 0.00	9.44 -0.14 0.00	8.92 -0.08 0.00	8.63 -0.19 0.00	8.08 -0.23 0.00	6.75 -0.24 0.00	13.50 -0.37 0.00	19.83 -1.25 0.00	21.14 -1.28 0.00	28.55 -1.05 0.00	29.40 -1.05 0.00	23.37 -1.28 0.84	19.87 -1.14 0.00	19.28 -0.73 0.00
N.E_GEN_SANDY PD 24062	8.77 0.40 0.01	8.00 0.37 0.00	0.30 0.01 0.00	5.45 0.24 0.00	6.06 0.28 0.00	8.75 0.39 0.00	18.10 0.66 0.00	15.15 0.51 0.00	12.90 0.39 -0.56	14.23 0.45 1.40	14.13 0.55 0.99	9.99 0.41 0.00	9.41 0.41 0.00	9.25 0.44 0.00	8.75 0.44 0.00	7.36 0.36 0.00	14.78 0.82 -0.09	22.35 1.30 0.03	23.77 1.35 0.00	31.13 1.53 0.00	32.17 1.72 0.00	26.83 1.34 0.00	22.27 1.26 0.00	21.31 1.22 -0.08
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	8.89 0.51 0.00	8.08 0.45 0.00	0.30 0.02 0.00	5.54 0.32 0.00	6.14 0.37 0.00	8.84 0.48 0.00	18.35 0.90 0.00	15.42 0.78 0.00	12.62 0.68 0.00	16.06 0.89 0.00	15.43 0.86 0.00	10.19 0.61 0.00	9.61 0.61 0.00	9.45 0.63 0.00	8.95 0.64 0.00	7.56 0.56 0.00	14.99 1.12 0.00	22.71 1.64 0.00	23.99 1.57 0.00	31.53 1.93 0.00	32.49 2.05 0.00	27.18 1.68 0.00	22.44 1.43 0.00	21.33 1.32 0.00
N.QUEENS_27_KV_LOAD 356247	8.92 0.54 0.00	8.14 0.51 0.01	0.30 0.02 0.01	5.58 0.37 0.01	6.19 0.42 0.01	-5.69 0.54 14.60	18.39 0.94 0.00	15.43 0.79 0.00	12.66 0.72 0.00	16.22 1.04 0.00	15.61 1.04 0.00	10.31 0.73 0.00	9.72 0.72 0.00	9.56 0.74 0.00	9.05 0.73 0.00	7.63 0.63 0.00	15.10 1.23 0.00	22.79 1.71 0.00	24.02 1.60 0.00	31.51 1.92 0.00	32.40 1.96 0.00	27.24 1.75 0.00	22.55 1.54 0.00	21.46 1.45 0.00
N.TROY___115KV_TB1 355778	8.70 0.33 0.00	7.92 0.29 0.00	0.30 0.01 0.00	5.41 0.19 0.00	6.01 0.23 0.00	8.68 0.32 0.00	17.97 0.52 0.00	15.02 0.38 0.00	12.19 0.25 0.00	15.41 0.24 0.00	14.81 0.24 0.00	9.75 0.17 0.00	9.17 0.17 0.00	9.00 0.18 0.00	8.49 0.18 0.00	7.14 0.14 0.00	14.22 0.35 0.00	21.67 0.60 0.00	23.09 0.67 0.00	30.38 0.78 0.00	31.35 0.90 0.00	26.19 0.69 0.00	21.71 0.70 0.00	20.68 0.67 0.00
NARROWS_GT1_1 24228	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
NARROWS_GT1_2 24229	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
NARROWS_GT1_3 24230	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
NARROWS_GT1_4 24231	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
NARROWS_GT1_5 24232	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00

NARROWS_GT1_6 24233	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
NARROWS_GT1_7 24234	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
NARROWS_GT1_8 24235	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
NARROWS_GT2_1 24236	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
NARROWS_GT2_2 24237	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
NARROWS_GT2_3 24238	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
NARROWS_GT2_4 24239	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
NARROWS_GT2_5 24240	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
NARROWS_GT2_6 24241	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
NARROWS_GT2_7 24242	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
NARROWS_GT2_8 24243	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	8.80 0.42 0.00	8.02 0.38 0.00	0.30 0.01 0.00	5.48 0.27 0.00	6.08 0.30 0.00	8.78 0.41 0.00	18.12 0.67 0.00	15.16 0.51 0.00	12.39 0.46 0.00	15.61 0.43 0.00	14.92 0.36 0.00	9.82 0.24 0.00	9.25 0.25 0.00	9.09 0.27 0.00	8.53 0.21 0.00	7.15 0.16 0.00	14.23 0.36 0.00	21.70 0.63 0.00	23.18 0.76 0.00	30.73 1.13 0.00	31.75 1.31 0.00	26.55 1.06 0.00	21.93 0.92 0.00	20.83 0.82 0.00
NCHELSEA_115KV_TR2 355582	8.93 0.56 0.00	8.12 0.49 0.00	0.31 0.02 0.00	5.56 0.34 0.00	6.17 0.40 0.00	8.90 0.53 0.00	18.42 0.97 0.00	15.48 0.84 0.00	12.66 0.73 0.00	16.10 0.93 0.00	15.46 0.89 0.00	10.20 0.62 0.00	9.62 0.62 0.00	9.45 0.64 0.00	8.94 0.63 0.00	7.55 0.56 0.00	14.99 1.13 0.00	22.78 1.71 0.00	24.13 1.70 0.00	31.72 2.13 0.00	32.70 2.25 0.00	27.33 1.83 0.00	22.56 1.55 0.00	21.43 1.42 0.00
NEG CAPITAL____MECHNVIL 23645	8.83 0.45 0.00	8.03 0.40 0.00	0.30 0.02 0.00	5.49 0.27 0.00	6.09 0.32 0.00	8.83 0.46 0.00	18.30 0.86 0.00	15.28 0.64 0.00	12.36 0.42 0.00	15.63 0.46 0.00	14.99 0.42 0.00	9.87 0.29 0.00	9.29 0.29 0.00	9.10 0.29 0.00	8.58 0.27 0.00	7.22 0.22 0.00	14.40 0.53 0.00	21.98 0.90 0.00	23.47 1.05 0.00	30.94 1.34 0.00	31.90 1.45 0.00	26.61 1.12 0.00	22.01 1.01 0.00	20.94 0.93 0.00
NEG CENTRAL_HIGH_ACRES 23767	8.07 -0.31 0.00	7.36 -0.27 0.00	0.28 -0.01 0.00	5.07 -0.15 0.00	5.62 -0.16 0.00	8.12 -0.24 0.00	16.95 -0.50 0.00	14.10 -0.54 0.00	11.54 -0.40 0.00	14.72 -0.45 0.00	14.18 -0.39 0.00	9.30 -0.28 0.00	8.75 -0.25 0.00	8.53 -0.29 0.00	8.02 -0.30 0.00	6.68 -0.31 0.00	13.13 -0.74 0.00	19.99 -1.08 0.00	21.30 -1.12 0.00	28.39 -1.21 0.00	29.20 -1.25 0.00	24.24 -1.26 0.00	19.98 -1.03 0.00	19.18 -0.83 0.00

NEG CENTRAL___DRP 24199	8.33 -0.05 0.00	7.60 -0.04 0.00	0.29 0.00 0.00	5.22 0.00 0.00	5.79 0.01 0.00	8.36 0.00 0.00	17.43 -0.02 0.00	14.50 -0.14 0.00	11.82 -0.12 0.00	15.04 -0.13 0.00	14.43 -0.14 0.00	9.47 -0.11 0.00	8.91 -0.09 0.00	8.67 -0.14 0.00	8.15 -0.16 0.00	6.81 -0.19 0.00	13.43 -0.44 0.00	20.39 -0.69 0.00	21.70 -0.72 0.00	28.99 -0.60 0.00	29.92 -0.53 0.00	24.88 -0.61 0.00	20.54 -0.47 0.00	19.71 -0.30 0.00
NEG CENTRAL___INDECK 23768	8.39 0.01 0.00	7.67 0.04 0.00	0.29 0.00 0.00	5.29 0.07 0.00	5.87 0.09 0.00	8.46 0.10 0.00	17.68 0.23 0.00	14.52 -0.12 0.00	11.81 -0.13 0.00	15.10 -0.07 0.00	14.49 -0.07 0.00	9.49 -0.09 0.00	8.94 -0.06 0.00	8.68 -0.13 0.00	8.12 -0.19 0.00	6.73 -0.26 0.00	13.24 -0.63 0.00	20.03 -1.04 0.00	21.32 -1.10 0.00	29.05 -0.54 0.00	30.31 -0.14 0.00	23.38 -0.38 1.73	20.65 -0.36 0.00	19.94 -0.07 0.00
NEG CENTRAL___SENECA 23627	8.34 -0.04 0.00	7.61 -0.03 0.00	0.29 0.00 0.00	5.23 0.01 0.00	5.81 0.03 0.00	8.38 0.02 0.00	17.48 0.04 0.00	14.52 -0.12 0.00	11.84 -0.10 0.00	15.07 -0.10 0.00	14.44 -0.12 0.00	9.47 -0.11 0.00	8.91 -0.09 0.00	8.64 -0.17 0.00	8.13 -0.18 0.00	6.78 -0.22 0.00	13.36 -0.51 0.00	20.28 -0.79 0.00	21.61 -0.81 0.00	28.99 -0.61 0.00	29.95 -0.50 0.00	23.72 -0.65 1.12	20.53 -0.48 0.00	19.75 -0.26 0.00
NEG CENTRAL___STATE_STREET 24147	8.38 0.01 0.00	7.64 0.01 0.00	0.29 0.00 0.00	5.24 0.03 0.00	5.81 0.03 0.00	8.40 0.03 0.00	17.49 0.04 0.00	14.57 -0.07 0.00	11.89 -0.05 0.00	15.11 -0.07 0.00	14.49 -0.07 0.00	9.52 -0.06 0.00	8.96 -0.04 0.00	8.75 -0.07 0.00	8.22 -0.09 0.00	6.88 -0.11 0.00	13.60 -0.27 0.00	20.68 -0.40 0.00	21.92 -0.50 0.00	29.23 -0.37 0.00	30.14 -0.30 0.00	27.74 -0.37 -2.61	20.74 -0.27 0.00	19.83 -0.18 0.00
NEG MILLWOOD___DRP 24198	8.96 0.58 0.00	8.14 0.51 0.00	0.31 0.02 0.00	5.57 0.35 0.00	6.18 0.41 0.00	8.92 0.55 0.00	18.46 1.01 0.00	15.51 0.87 0.00	12.69 0.75 0.00	16.15 0.97 0.00	15.51 0.94 0.00	10.23 0.65 0.00	9.65 0.65 0.00	9.48 0.67 0.00	8.97 0.66 0.00	7.57 0.58 0.00	15.03 1.16 0.00	22.82 1.74 0.00	24.15 1.73 0.00	31.73 2.14 0.00	32.73 2.28 0.00	27.35 1.86 0.00	22.59 1.58 0.00	21.46 1.45 0.00
NEG NORTH_FLCN_SEA 23793	8.32 -0.06 0.00	7.57 -0.06 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.66 -0.11 0.00	8.26 -0.11 0.00	17.23 -0.22 0.00	14.51 -0.13 0.00	11.85 -0.08 0.00	15.06 -0.12 0.00	14.42 -0.15 0.00	9.40 -0.18 0.00	8.78 -0.22 0.00	8.60 -0.21 0.00	8.14 -0.17 0.00	6.89 -0.10 0.00	13.94 0.07 0.00	21.20 0.13 0.00	22.60 0.18 0.00	30.11 0.51 0.00	31.00 0.55 0.00	25.82 0.33 0.00	21.06 0.05 0.00	19.97 -0.04 0.00
NEG NORTH_KES_CHATEGAY 23792	8.23 -0.14 0.00	7.50 -0.14 0.00	0.28 -0.01 0.00	5.07 -0.15 0.00	5.60 -0.18 0.00	8.16 -0.20 0.00	17.06 -0.38 0.00	14.39 -0.25 0.00	11.74 -0.20 0.00	14.95 -0.22 0.00	14.31 -0.25 0.00	9.34 -0.25 0.00	8.71 -0.29 0.00	8.54 -0.28 0.00	8.07 -0.24 0.00	6.85 -0.15 0.00	13.79 -0.08 0.00	20.97 -0.11 0.00	22.37 -0.05 0.00	29.78 0.18 0.00	30.68 0.23 0.00	25.57 0.08 0.00	20.86 -0.15 0.00	19.79 -0.22 0.00
NEG NORTH___ALICE_FALLS 23915	8.32 -0.06 0.00	7.57 -0.06 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.66 -0.11 0.00	8.25 -0.11 0.00	17.25 -0.20 0.00	14.57 -0.08 0.00	11.82 -0.12 0.00	15.10 -0.08 0.00	14.30 -0.27 0.00	9.31 -0.27 0.00	8.69 -0.31 0.00	8.52 -0.30 0.00	8.05 -0.26 0.00	6.83 -0.16 0.00	13.89 0.02 0.00	21.11 0.03 0.00	22.52 0.10 0.00	30.00 0.40 0.00	30.93 0.48 0.00	25.77 0.28 0.00	21.00 -0.01 0.00	19.90 -0.11 0.00
NEG NORTH___LWR_SARANAC 23913	8.32 -0.06 0.00	7.57 -0.06 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.66 -0.11 0.00	8.25 -0.11 0.00	17.25 -0.20 0.00	14.57 -0.08 0.00	11.82 -0.12 0.00	15.10 -0.08 0.00	14.30 -0.27 0.00	9.31 -0.27 0.00	8.69 -0.31 0.00	8.52 -0.30 0.00	8.05 -0.26 0.00	6.83 -0.16 0.00	13.89 0.02 0.00	21.11 0.03 0.00	22.52 0.10 0.00	30.00 0.40 0.00	30.93 0.48 0.00	25.77 0.28 0.00	21.00 -0.01 0.00	19.90 -0.11 0.00
NEG NORTH___PLATTSBURG 23628	8.32 -0.06 0.00	7.57 -0.06 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.66 -0.11 0.00	8.25 -0.11 0.00	17.25 -0.20 0.00	14.57 -0.08 0.00	11.82 -0.12 0.00	15.10 -0.08 0.00	14.30 -0.27 0.00	9.31 -0.27 0.00	8.69 -0.31 0.00	8.52 -0.30 0.00	8.05 -0.26 0.00	6.83 -0.16 0.00	13.89 0.02 0.00	21.11 0.03 0.00	22.52 0.10 0.00	30.00 0.40 0.00	30.93 0.48 0.00	25.77 0.28 0.00	21.00 -0.01 0.00	19.91 -0.10 0.00
NEG WEST_LEA_LOCKPORT 23791	7.91 -0.47 0.00	7.24 -0.40 0.00	0.27 -0.01 0.00	5.03 -0.19 0.00	5.56 -0.22 0.00	8.01 -0.36 0.00	16.74 -0.71 0.00	13.86 -0.79 0.00	11.47 -0.47 0.00	14.75 -0.43 0.00	14.25 -0.32 0.00	9.34 -0.24 0.00	8.80 -0.20 0.00	8.51 -0.31 0.00	7.98 -0.33 0.00	6.61 -0.38 0.00	12.94 -0.92 0.00	19.48 -1.60 0.00	20.72 -1.70 0.00	27.89 -1.71 0.00	28.71 -1.74 0.00	22.67 -1.88 0.94	19.39 -1.61 0.00	18.88 -1.13 0.00
NEG WEST___LANCASTR 23811	8.14 -0.24 0.00	7.45 -0.19 0.00	0.28 -0.01 0.00	5.15 -0.07 0.00	5.71 -0.07 0.00	8.22 -0.14 0.00	17.07 -0.38 0.00	14.16 -0.48 0.00	11.74 -0.20 0.00	15.14 -0.03 0.00	14.61 0.05 0.00	9.57 -0.01 0.00	9.01 0.01 0.00	8.70 -0.12 0.00	8.16 -0.15 0.00	6.76 -0.23 0.00	13.22 -0.64 0.00	19.97 -1.11 0.00	21.20 -1.22 0.00	28.51 -1.09 0.00	29.36 -1.09 0.00	22.88 -1.32 1.29	19.94 -1.07 0.00	19.34 -0.67 0.00
NEG_PENN_ALLEGHNY 23528	8.45 0.07 0.00	7.70 0.06 0.00	0.29 0.00 0.00	5.29 0.07 0.00	5.87 0.09 0.00	8.46 0.10 0.00	17.55 0.10 0.00	14.60 -0.04 0.00	11.95 0.01 0.00	15.22 0.04 0.00	14.63 0.06 0.00	9.61 0.03 0.00	9.04 0.04 0.00	8.81 -0.01 0.00	8.33 0.02 0.00	6.98 -0.01 0.00	13.79 -0.08 0.00	21.04 -0.03 0.00	22.62 0.20 0.00	30.01 0.41 0.00	30.92 0.47 0.00	25.19 0.28 0.59	21.23 0.22 0.00	20.12 0.11 0.00
NEG___GEN_MONROE 24207	8.21 -0.17 0.00	7.49 -0.14 0.00	0.28 -0.01 0.00	5.17 -0.05 0.00	5.73 -0.05 0.00	8.27 -0.09 0.00	17.29 -0.16 0.00	14.34 -0.30 0.00	11.75 -0.18 0.00	15.02 -0.16 0.00	14.47 -0.09 0.00	9.50 -0.09 0.00	8.94 -0.07 0.00	8.69 -0.13 0.00	8.15 -0.16 0.00	6.79 -0.20 0.00	13.35 -0.51 0.00	20.22 -0.86 0.00	21.58 -0.85 0.00	28.91 -0.69 0.00	29.80 -0.65 0.00	24.19 -0.83 0.47	20.26 -0.75 0.00	19.51 -0.50 0.00
NEPA___ENERGY 23901	8.16 -0.22 0.00	7.47 -0.16 0.00	0.29 0.00 0.00	5.20 -0.02 0.00	5.76 -0.02 0.00	8.27 -0.09 0.00	17.01 -0.44 0.00	14.09 -0.55 0.00	11.80 -0.13 0.00	15.30 0.12 0.00	14.76 0.19 0.00	9.66 0.08 0.00	9.08 0.07 0.00	8.69 -0.12 0.00	8.16 -0.15 0.00	6.75 -0.24 0.00	13.21 -0.66 0.00	19.96 -1.12 0.00	21.17 -1.25 0.00	28.53 -1.07 0.00	29.35 -1.10 0.00	22.88 -1.34 1.27	19.99 -1.01 0.00	19.42 -0.59 0.00

NEVERSINK___HYD 23608	8.72 0.34 0.00	7.93 0.29 0.00	0.30 0.01 0.00	5.43 0.21 0.00	6.02 0.25 0.00	8.68 0.32 0.00	18.00 0.55 0.00	15.04 0.40 0.00	12.30 0.37 0.00	15.60 0.43 0.00	14.95 0.38 0.00	9.86 0.28 0.00	9.29 0.29 0.00	9.12 0.31 0.00	8.63 0.32 0.00	7.29 0.30 0.00	14.48 0.61 0.00	22.04 0.97 0.00	23.41 0.99 0.00	30.85 1.25 0.00	31.81 1.37 0.00	26.62 1.13 0.00	21.95 0.94 0.00	20.82 0.81 0.00
NEWKRMKL_115KV_TB1 55635	8.64 0.26 0.00	7.87 0.24 0.00	0.30 0.01 0.00	5.39 0.17 0.00	5.97 0.19 0.00	8.60 0.23 0.00	17.72 0.27 0.00	14.82 0.18 0.00	12.05 0.11 0.00	15.28 0.10 0.00	14.64 0.08 0.00	9.65 0.07 0.00	9.09 0.08 0.00	8.91 0.10 0.00	8.41 0.10 0.00	7.09 0.09 0.00	14.04 0.17 0.00	21.33 0.25 0.00	22.67 0.25 0.00	29.85 0.25 0.00	30.74 0.29 0.00	25.73 0.24 0.00	21.33 0.32 0.00	20.29 0.28 0.00
NEWTON___FALLS_HYD 23847	8.31 -0.06 0.00	7.54 -0.09 0.00	0.28 -0.01 0.00	5.08 -0.14 0.00	5.57 -0.20 0.00	7.97 -0.40 0.00	16.63 -0.82 0.00	13.94 -0.70 0.00	11.32 -0.62 0.00	14.25 -0.92 0.00	13.74 -0.83 0.00	9.02 -0.56 0.00	8.36 -0.64 0.00	8.13 -0.68 0.00	7.65 -0.66 0.00	6.44 -0.55 0.00	12.85 -1.02 0.00	20.01 -1.06 0.00	21.62 -0.80 0.00	28.60 -1.00 0.00	29.62 -0.83 0.00	24.56 -0.93 0.00	20.09 -0.91 0.00	19.01 -1.00 0.00
NGRID_A1_DSASP 323792	7.81 -0.56 0.00	7.15 -0.49 0.00	0.27 -0.02 0.00	4.96 -0.25 0.00	5.48 -0.29 0.00	7.90 -0.46 0.00	16.52 -0.93 0.00	13.68 -0.96 0.00	11.34 -0.60 0.00	14.60 -0.57 0.00	14.12 -0.45 0.00	9.26 -0.32 0.00	8.72 -0.29 0.00	8.42 -0.39 0.00	7.89 -0.42 0.00	6.51 -0.48 0.00	12.72 -1.14 0.00	19.20 -1.87 0.00	20.38 -2.04 0.00	27.34 -2.26 0.00	28.10 -2.35 0.00	22.15 -2.37 0.97	19.00 -2.01 0.00	18.56 -1.45 0.00
NGRID_A2_DSASP 323793	7.81 -0.56 0.00	7.15 -0.49 0.00	0.27 -0.02 0.00	4.96 -0.25 0.00	5.48 -0.29 0.00	7.90 -0.46 0.00	16.52 -0.93 0.00	13.68 -0.96 0.00	11.34 -0.60 0.00	14.60 -0.57 0.00	14.12 -0.45 0.00	9.26 -0.32 0.00	8.72 -0.29 0.00	8.42 -0.39 0.00	7.89 -0.42 0.00	6.51 -0.48 0.00	12.72 -1.14 0.00	19.20 -1.87 0.00	20.38 -2.04 0.00	27.34 -2.26 0.00	28.10 -2.35 0.00	22.15 -2.37 0.97	19.00 -2.01 0.00	18.56 -1.45 0.00
NGRID_A4_DSASP 323807	7.81 -0.56 0.00	7.15 -0.49 0.00	0.27 -0.02 0.00	4.96 -0.25 0.00	5.48 -0.29 0.00	7.90 -0.46 0.00	16.52 -0.93 0.00	13.68 -0.96 0.00	11.34 -0.60 0.00	14.60 -0.57 0.00	14.12 -0.45 0.00	9.26 -0.32 0.00	8.72 -0.29 0.00	8.42 -0.39 0.00	7.89 -0.42 0.00	6.51 -0.48 0.00	12.72 -1.14 0.00	19.20 -1.87 0.00	20.38 -2.04 0.00	27.34 -2.26 0.00	28.10 -2.35 0.00	22.15 -2.37 0.97	19.00 -2.01 0.00	18.56 -1.45 0.00
NIAGARA_115E_LBMP 323715	7.78 -0.59 0.00	7.12 -0.51 0.00	0.27 -0.02 0.00	4.95 -0.27 0.00	5.47 -0.30 0.00	7.88 -0.49 0.00	16.49 -0.96 0.00	13.65 -0.99 0.00	11.31 -0.63 0.00	14.56 -0.62 0.00	14.07 -0.50 0.00	9.23 -0.35 0.00	8.70 -0.31 0.00	8.41 -0.40 0.00	7.90 -0.41 0.00	6.53 -0.46 0.00	12.76 -1.11 0.00	19.23 -1.84 0.00	20.43 -2.00 0.00	27.43 -2.17 0.00	28.22 -2.23 0.00	22.27 -2.25 0.97	19.07 -1.94 0.00	18.63 -1.38 0.00
NIAGARA_115W_LBMP 323714	7.79 -0.58 0.00	7.13 -0.50 0.00	0.27 -0.02 0.00	4.95 -0.26 0.00	5.47 -0.30 0.00	7.89 -0.48 0.00	16.49 -0.96 0.00	13.66 -0.99 0.00	11.32 -0.62 0.00	14.57 -0.60 0.00	14.09 -0.48 0.00	9.24 -0.34 0.00	8.70 -0.31 0.00	8.40 -0.41 0.00	7.88 -0.44 0.00	6.50 -0.49 0.00	12.69 -1.18 0.00	19.16 -1.92 0.00	20.33 -2.09 0.00	27.27 -2.33 0.00	28.03 -2.42 0.00	22.10 -2.43 0.97	18.95 -2.06 0.00	18.52 -1.49 0.00
NIAGARA_230_LBMP 323716	7.87 -0.51 0.00	7.20 -0.43 0.00	0.27 -0.02 0.00	5.00 -0.22 0.00	5.53 -0.25 0.00	7.96 -0.41 0.00	16.63 -0.82 0.00	13.78 -0.86 0.00	11.41 -0.52 0.00	14.70 -0.48 0.00	14.20 -0.36 0.00	9.31 -0.27 0.00	8.78 -0.23 0.00	8.49 -0.32 0.00	7.97 -0.34 0.00	6.59 -0.40 0.00	12.88 -0.99 0.00	19.45 -1.63 0.00	20.65 -1.77 0.00	27.71 -1.89 0.00	28.46 -1.99 0.00	22.52 -2.04 0.93	19.26 -1.74 0.00	18.72 -1.29 0.00
NIAGARA___115KV_198_GIBSON 55903	7.79 -0.58 0.00	7.13 -0.50 0.00	0.27 -0.02 0.00	4.95 -0.26 0.00	5.47 -0.30 0.00	7.89 -0.48 0.00	16.49 -0.96 0.00	13.66 -0.99 0.00	11.32 -0.62 0.00	14.57 -0.60 0.00	14.09 -0.48 0.00	9.24 -0.34 0.00	8.70 -0.30 0.00	8.39 -0.42 0.00	7.86 -0.45 0.00	6.50 -0.50 0.00	12.69 -1.18 0.00	19.14 -1.93 0.00	20.33 -2.09 0.00	27.27 -2.33 0.00	28.06 -2.39 0.00	22.08 -2.45 0.97	18.94 -2.06 0.00	18.52 -1.49 0.00
NIAGARA____ 23760	7.87 -0.51 0.00	7.20 -0.43 0.00	0.27 -0.02 0.00	5.00 -0.22 0.00	5.53 -0.25 0.00	7.96 -0.41 0.00	16.63 -0.82 0.00	13.78 -0.86 0.00	11.41 -0.52 0.00	14.70 -0.48 0.00	14.20 -0.36 0.00	9.31 -0.27 0.00	8.78 -0.23 0.00	8.49 -0.32 0.00	7.97 -0.34 0.00	6.59 -0.40 0.00	12.88 -0.99 0.00	19.45 -1.63 0.00	20.65 -1.77 0.00	27.71 -1.89 0.00	28.46 -1.99 0.00	22.50 -2.04 0.95	19.26 -1.74 0.00	18.72 -1.29 0.00
NINE_MILE_1 23575	8.19 -0.19 0.00	7.46 -0.17 0.00	0.28 -0.01 0.00	5.11 -0.10 0.00	5.66 -0.11 0.00	8.18 -0.19 0.00	17.03 -0.42 0.00	14.23 -0.42 0.00	11.60 -0.34 0.00	14.75 -0.43 0.00	14.16 -0.41 0.00	9.31 -0.26 0.00	8.76 -0.24 0.00	8.57 -0.25 0.00	8.06 -0.25 0.00	6.75 -0.24 0.00	13.33 -0.53 0.00	20.25 -0.83 0.00	21.52 -0.90 0.00	28.45 -1.15 0.00	29.28 -1.16 0.00	24.47 -1.03 0.00	20.21 -0.80 0.00	19.32 -0.69 0.00
NINE_MILE_2 23744	8.19 -0.19 0.00	7.46 -0.17 0.00	0.28 -0.01 0.00	5.11 -0.10 0.00	5.66 -0.11 0.00	8.18 -0.19 0.00	17.03 -0.42 0.00	14.23 -0.42 0.00	11.60 -0.34 0.00	14.75 -0.43 0.00	14.16 -0.40 0.00	9.32 -0.26 0.00	8.76 -0.24 0.00	8.57 -0.24 0.00	8.06 -0.25 0.00	6.75 -0.24 0.00	13.33 -0.53 0.00	20.25 -0.83 0.00	21.52 -0.90 0.00	28.45 -1.15 0.00	29.28 -1.16 0.00	24.47 -1.02 0.00	20.21 -0.80 0.00	19.32 -0.69 0.00
NM_CAPITAL___DRP 24208	8.64 0.27 0.00	7.88 0.25 0.00	0.30 0.01 0.00	5.39 0.17 0.00	5.97 0.20 0.00	8.61 0.24 0.00	17.74 0.29 0.00	14.84 0.20 0.00	12.07 0.13 0.00	15.30 0.12 0.00	14.66 0.10 0.00	9.66 0.08 0.00	9.10 0.09 0.00	8.92 0.11 0.00	8.43 0.12 0.00	7.09 0.10 0.00	14.06 0.19 0.00	21.35 0.27 0.00	22.69 0.27 0.00	29.86 0.26 0.00	30.76 0.31 0.00	25.75 0.26 0.00	21.34 0.34 0.00	20.31 0.30 0.00
NM_CENTRAL___DRP 24181	8.37 -0.01 0.00	7.62 -0.01 0.00	0.29 0.00 0.00	5.23 0.01 0.00	5.79 0.02 0.00	8.36 0.00 0.00	17.40 -0.05 0.00	14.51 -0.13 0.00	11.84 -0.10 0.00	15.06 -0.12 0.00	14.46 -0.11 0.00	9.51 -0.07 0.00	8.95 -0.06 0.00	8.76 -0.06 0.00	8.23 -0.08 0.00	6.89 -0.10 0.00	13.62 -0.25 0.00	20.66 -0.42 0.00	21.91 -0.51 0.00	29.00 -0.60 0.00	29.86 -0.59 0.00	25.31 -0.57 -0.39	20.59 -0.42 0.00	19.71 -0.30 0.00

NM_FRONTIER___DRP 24179	7.79 -0.58 0.00	7.13 -0.50 0.00	0.27 -0.02 0.00	4.95 -0.26 0.00	5.47 -0.30 0.00	7.89 -0.48 0.00	16.49 -0.96 0.00	13.66 -0.99 0.00	11.32 -0.62 0.00	14.57 -0.60 0.00	14.09 -0.48 0.00	9.24 -0.34 0.00	8.70 -0.30 0.00	8.39 -0.42 0.00	7.86 -0.45 0.00	6.50 -0.50 0.00	12.69 -1.18 0.00	19.14 -1.93 0.00	20.33 -2.09 0.00	27.27 -2.33 0.00	28.06 -2.39 0.00	22.08 -2.45 0.97	18.94 -2.06 0.00	18.52 -1.49 0.00
NM_ST_REGIS___HYD 24053	8.23 -0.15 0.00	7.49 -0.14 0.00	0.28 -0.01 0.00	5.06 -0.16 0.00	5.59 -0.19 0.00	8.24 -0.13 0.00	17.24 -0.21 0.00	14.49 -0.15 0.00	11.80 -0.14 0.00	15.01 -0.17 0.00	14.38 -0.19 0.00	9.37 -0.21 0.00	8.73 -0.27 0.00	8.56 -0.25 0.00	8.09 -0.22 0.00	6.87 -0.13 0.00	13.86 0.00 0.00	21.17 0.10 0.00	22.53 0.11 0.00	30.03 0.43 0.00	31.00 0.55 0.00	25.84 0.35 0.00	21.06 0.05 0.00	19.96 -0.05 0.00
NORTHPORT___1 23551	11.32 0.80 -2.14	6.35 0.71 1.99	2.04 0.03 -1.73	9.77 0.52 -4.04	9.73 0.59 -3.36	12.60 0.78 -3.46	18.38 1.41 0.48	13.31 1.08 2.41	4.35 0.98 8.57	14.90 1.33 1.61	12.47 1.23 3.33	-16.32 0.85 26.76	9.78 0.78 0.00	9.64 0.82 0.00	9.57 0.82 -0.44	13.56 0.74 -5.83	15.64 1.41 -0.36	23.05 1.97 0.00	24.24 1.82 0.00	34.35 2.43 -2.32	32.89 2.44 0.00	29.86 2.05 -2.32	27.15 1.89 -4.25	21.62 1.61 0.00
NORTHPORT___2 23552	11.32 0.80 -2.14	6.35 0.71 1.99	2.04 0.03 -1.73	9.77 0.52 -4.04	9.73 0.59 -3.36	12.60 0.78 -3.46	18.38 1.41 0.48	13.31 1.08 2.41	4.35 0.98 8.57	14.90 1.33 1.61	12.47 1.23 3.33	-16.32 0.85 26.76	9.78 0.78 0.00	9.64 0.82 0.00	9.57 0.82 -0.44	13.56 0.74 -5.83	15.64 1.41 -0.36	23.05 1.97 0.00	24.24 1.82 0.00	34.35 2.43 -2.32	32.89 2.44 0.00	29.86 2.05 -2.32	27.15 1.89 -4.25	21.62 1.61 0.00
NORTHPORT___3 23553	11.14 0.65 -2.11	6.14 0.57 2.07	1.94 0.02 -1.63	9.55 0.42 -3.92	9.52 0.48 -3.26	12.39 0.63 -3.39	18.01 1.11 0.55	12.99 0.84 2.49	3.90 0.78 8.82	14.53 1.06 1.70	12.11 0.98 3.44	-17.28 0.69 27.56	9.63 0.63 0.00	9.49 0.68 0.00	9.44 0.68 -0.44	13.51 0.62 -5.89	15.42 1.19 -0.37	22.73 1.66 0.00	23.88 1.46 0.00	33.86 1.92 -2.34	32.38 1.93 0.00	29.47 1.64 -2.34	26.83 1.53 -4.29	21.24 1.23 0.00
NORTHPORT___4 23650	11.14 0.65 -2.11	6.14 0.57 2.07	1.94 0.02 -1.63	9.55 0.42 -3.92	9.52 0.48 -3.26	12.39 0.63 -3.39	18.01 1.11 0.55	12.99 0.84 2.49	3.90 0.78 8.82	14.53 1.06 1.70	12.11 0.98 3.44	-17.28 0.69 27.56	9.63 0.63 0.00	9.49 0.68 0.00	9.44 0.68 -0.44	13.51 0.62 -5.89	15.42 1.19 -0.37	22.73 1.66 0.00	23.88 1.46 0.00	33.86 1.92 -2.34	32.38 1.93 0.00	29.47 1.64 -2.34	26.83 1.53 -4.29	21.24 1.23 0.00
NORTHPORT___IC 23718	11.32 0.80 -2.14	6.35 0.71 1.99	2.04 0.03 -1.73	9.77 0.52 -4.04	9.73 0.59 -3.36	12.59 0.78 -3.46	18.38 1.41 0.48	13.31 1.08 2.41	4.35 0.98 8.57	14.90 1.33 1.61	12.47 1.23 3.33	-16.32 0.85 26.76	9.78 0.78 0.00	9.64 0.82 0.00	9.57 0.82 -0.44	13.56 0.73 -5.83	15.64 1.41 -0.36	23.05 1.97 0.00	24.24 1.82 0.00	34.35 2.43 -2.32	32.88 2.43 0.00	29.86 2.05 -2.32	27.15 1.89 -4.25	21.62 1.61 0.00
NORTH___COUNTRY_ESR 323785	8.21 -0.16 0.00	7.48 -0.15 0.00	0.28 -0.01 0.00	5.06 -0.16 0.00	5.58 -0.19 0.00	8.15 -0.22 0.00	17.04 -0.41 0.00	14.38 -0.27 0.00	11.74 -0.20 0.00	14.95 -0.23 0.00	14.31 -0.25 0.00	9.34 -0.25 0.00	8.71 -0.29 0.00	8.54 -0.28 0.00	8.07 -0.24 0.00	6.85 -0.15 0.00	13.79 -0.08 0.00	20.96 -0.11 0.00	22.37 -0.06 0.00	29.77 0.18 0.00	30.62 0.17 0.00	25.51 0.02 0.00	20.81 -0.20 0.00	19.75 -0.26 0.00
NPX_GEN_1385_PROXY 323591	11.35 0.83 -2.14	6.38 0.74 1.99	2.04 0.03 -1.73	9.81 0.55 -4.04	9.78 0.64 -3.36	12.58 0.76 -3.46	18.36 1.39 0.48	13.29 1.06 2.41	4.35 0.98 8.57	15.00 1.43 1.61	12.45 1.21 3.33	-16.35 0.82 26.76	8.94 0.76 0.82	9.63 0.81 0.00	2.02 0.79 7.08	2.64 0.71 5.07	10.55 1.36 4.68	10.88 1.89 12.10	24.21 1.78 0.00	34.31 2.39 -2.32	5.40 2.32 27.36	2.04 1.96 25.42	28.06 1.86 -5.19	23.20 1.61 -1.58
NPX_GEN_CSC 323557	12.14 0.85 -2.91	6.87 0.74 1.51	2.59 0.03 -2.27	10.53 0.56 -4.75	10.38 0.66 -3.95	13.63 0.88 -4.38	19.44 1.51 -0.48	13.99 1.04 1.69	6.25 0.93 6.62	15.82 1.24 0.60	13.45 1.19 2.30	-11.34 0.83 21.74	9.73 0.73 0.00	9.59 0.78 0.00	9.54 0.78 -0.44	13.62 0.72 -5.91	15.61 1.38 -0.37	23.11 2.03 0.00	24.45 2.02 0.00	34.98 3.03 -2.35	33.53 3.08 0.00	30.40 2.55 -2.35	28.49 2.24 -5.25	23.19 1.60 -1.58
NSINS_S_GLNS_FALLS 23858	8.92 0.55 0.00	8.11 0.48 0.00	0.30 0.02 0.00	5.55 0.33 0.00	6.17 0.40 0.00	8.96 0.60 0.00	18.64 1.19 0.00	15.55 0.91 0.00	12.52 0.58 0.00	15.77 0.59 0.00	15.10 0.54 0.00	9.97 0.39 0.00	9.39 0.38 0.00	9.15 0.33 0.00	8.61 0.30 0.00	7.23 0.24 0.00	14.45 0.58 0.00	22.09 1.01 0.00	23.60 1.17 0.00	31.16 1.56 0.00	32.12 1.67 0.00	26.79 1.30 0.00	22.18 1.17 0.00	21.08 1.07 0.00
NUCOR_STEEL___DRP 24197	8.38 0.00 0.00	7.63 0.00 0.00	0.29 0.00 0.00	5.23 0.02 0.00	5.80 0.03 0.00	8.39 0.03 0.00	17.47 0.02 0.00	14.56 -0.09 0.00	11.89 -0.05 0.00	15.10 -0.08 0.00	14.49 -0.07 0.00	9.52 -0.06 0.00	8.96 -0.04 0.00	8.76 -0.06 0.00	8.22 -0.09 0.00	6.89 -0.11 0.00	13.61 -0.26 0.00	20.69 -0.39 0.00	21.93 -0.49 0.00	29.22 -0.37 0.00	30.14 -0.31 0.00	27.67 -0.37 -2.55	20.73 -0.28 0.00	19.82 -0.19 0.00
NUMBER_THREE_WT_PWR 323818	8.50 0.13 0.00	7.70 0.07 0.00	0.29 0.00 0.00	5.16 -0.06 0.00	5.65 -0.13 0.00	8.04 -0.33 0.00	16.74 -0.70 0.00	14.03 -0.62 0.00	11.39 -0.55 0.00	14.34 -0.84 0.00	13.83 -0.74 0.00	9.09 -0.50 0.00	8.42 -0.59 0.00	8.20 -0.61 0.00	7.70 -0.61 0.00	6.46 -0.53 0.00	12.87 -1.00 0.00	20.21 -0.86 0.00	21.89 -0.53 0.00	28.84 -0.76 0.00	29.84 -0.61 0.00	24.63 -0.87 0.00	20.20 -0.81 0.00	19.14 -0.87 0.00
NYISO_LBMP_REFERENCE 24008	8.38 0.00 0.00	7.63 0.00 0.00	0.29 0.00 0.00	5.22 0.00 0.00	5.77 0.00 0.00	8.37 0.00 0.00	17.45 0.00 0.00	14.64 0.00 0.00	11.94 0.00 0.00	15.18 0.00 0.00	14.57 0.00 0.00	9.58 0.00 0.00	9.00 0.00 0.00	8.81 0.00 0.00	8.31 0.00 0.00	6.99 0.00 0.00	13.87 0.00 0.00	21.08 0.00 0.00	22.42 0.00 0.00	29.60 0.00 0.00	30.45 0.00 0.00	25.49 0.00 0.00	21.01 0.00 0.00	20.01 0.00 0.00
NYPA_BRENTWD____GT 24164	13.14 0.86 -3.91	7.49 0.75 0.89	3.29 0.03 -2.97	11.42 0.55 -5.66	11.10 0.63 -4.70	14.78 0.85 -5.58	20.73 1.55 -1.73	15.08 1.19 0.75	8.90 1.06 4.10	17.30 1.42 -0.71	14.90 1.32 0.99	-4.81 0.91 15.30	9.83 0.83 0.00	9.68 0.87 0.00	9.63 0.87 -0.45	13.79 0.79 -6.02	15.77 1.53 -0.37	23.28 2.20 0.00	24.54 2.12 0.00	34.89 2.90 -2.39	33.37 2.93 0.00	30.33 2.44 -2.39	27.55 2.15 -4.39	21.79 1.78 0.00

NYPA_GOWANUS____GT5 24156	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
NYPA_GOWANUS____GT6 24157	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.71 2.26 0.00	27.36 1.87 0.00	22.58 1.57 0.00	21.48 1.47 0.00
NYPA_HARLEM__RVR__GT1 24160	8.91 0.54 0.01	8.14 0.51 0.01	0.29 0.02 0.02	5.57 0.37 0.02	6.18 0.42 0.02	-18.90 0.54 27.81	18.39 0.94 0.01	15.43 0.79 0.00	12.65 0.71 0.00	16.20 1.02 0.00	15.58 1.01 0.00	10.29 0.71 0.00	9.70 0.70 0.00	9.54 0.72 0.00	9.03 0.72 0.00	7.61 0.61 0.00	15.07 1.20 0.00	22.74 1.67 0.00	23.98 1.56 0.00	31.46 1.86 0.00	32.40 1.95 0.00	27.19 1.70 0.00	22.50 1.50 0.00	21.42 1.41 0.00
NYPA_HARLEM__RVR__GT2 24161	8.91 0.54 0.01	8.14 0.51 0.01	0.29 0.02 0.02	5.57 0.37 0.02	6.18 0.42 0.02	-18.90 0.54 27.81	18.39 0.94 0.01	15.43 0.79 0.00	12.65 0.71 0.00	16.20 1.02 0.00	15.58 1.01 0.00	10.29 0.71 0.00	9.70 0.70 0.00	9.54 0.72 0.00	9.03 0.72 0.00	7.61 0.61 0.00	15.07 1.20 0.00	22.74 1.67 0.00	23.98 1.56 0.00	31.46 1.86 0.00	32.40 1.95 0.00	27.19 1.70 0.00	22.50 1.50 0.00	21.42 1.41 0.00
NYPA_KENT____GT 24152	8.98 0.60 0.00	8.20 0.56 0.00	0.31 0.02 0.00	5.62 0.40 0.00	6.23 0.46 0.00	8.95 0.59 0.00	18.50 1.06 0.00	15.53 0.89 0.00	12.73 0.79 0.00	16.27 1.10 0.00	15.64 1.08 0.00	10.33 0.75 0.00	9.74 0.73 0.00	9.58 0.76 0.00	9.06 0.75 0.00	7.64 0.65 0.00	15.14 1.27 0.00	22.86 1.79 0.00	24.13 1.71 0.00	31.69 2.09 0.00	32.64 2.19 0.00	27.30 1.81 0.00	22.55 1.55 0.00	21.45 1.44 0.00
NYPA_POUCH1____GT 24155	8.97 0.60 0.00	8.23 0.60 0.00	0.31 0.03 0.00	5.65 0.43 0.00	6.27 0.49 0.00	8.97 0.61 0.00	18.55 1.11 0.00	15.57 0.93 0.00	12.75 0.82 0.00	16.28 1.10 0.00	15.65 1.08 0.00	10.33 0.75 0.00	9.74 0.73 0.00	9.58 0.76 0.00	9.06 0.75 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.90 1.82 0.00	24.18 1.76 0.00	31.78 2.18 0.00	32.74 2.29 0.00	27.40 1.91 0.00	22.60 1.59 0.00	21.49 1.48 0.00
NYPA_VERNON____GT2 24162	8.98 0.60 0.00	8.19 0.55 0.00	0.31 0.02 0.00	5.61 0.39 0.00	6.23 0.45 0.00	8.95 0.58 0.00	18.48 1.03 0.00	15.51 0.87 0.00	12.71 0.78 0.00	16.26 1.09 0.00	15.64 1.07 0.00	10.32 0.74 0.00	9.73 0.73 0.00	9.57 0.75 0.00	9.06 0.74 0.00	7.64 0.64 0.00	15.12 1.26 0.00	22.83 1.75 0.00	24.10 1.68 0.00	31.62 2.03 0.00	32.57 2.12 0.00	27.25 1.76 0.00	22.52 1.51 0.00	21.43 1.42 0.00
NYPA_VERNON____GT3 24163	8.98 0.60 0.00	8.19 0.55 0.00	0.31 0.02 0.00	5.61 0.39 0.00	6.23 0.45 0.00	8.95 0.58 0.00	18.48 1.03 0.00	15.51 0.87 0.00	12.71 0.78 0.00	16.26 1.09 0.00	15.64 1.07 0.00	10.32 0.74 0.00	9.73 0.73 0.00	9.57 0.75 0.00	9.06 0.74 0.00	7.64 0.64 0.00	15.12 1.26 0.00	22.83 1.75 0.00	24.10 1.68 0.00	31.62 2.03 0.00	32.57 2.12 0.00	27.25 1.76 0.00	22.52 1.51 0.00	21.43 1.42 0.00
NYPA____ASTORIA_CC1 323568	8.97 0.59 0.00	8.18 0.55 0.00	0.31 0.02 0.00	5.61 0.39 0.00	6.22 0.45 0.00	8.94 0.57 0.00	18.45 1.00 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.25 1.07 0.00	15.62 1.05 0.00	10.31 0.73 0.00	9.72 0.72 0.00	9.56 0.74 0.00	9.04 0.73 0.00	7.63 0.63 0.00	15.10 1.24 0.00	22.79 1.72 0.00	24.05 1.63 0.00	31.56 1.96 0.00	32.50 2.06 0.00	27.20 1.71 0.00	22.49 1.48 0.00	21.40 1.39 0.00
NYPA____ASTORIA_CC2 323569	8.97 0.59 0.00	8.18 0.55 0.00	0.31 0.02 0.00	5.61 0.39 0.00	6.22 0.45 0.00	8.94 0.57 0.00	18.45 1.00 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.25 1.07 0.00	15.62 1.05 0.00	10.31 0.73 0.00	9.72 0.72 0.00	9.56 0.74 0.00	9.04 0.73 0.00	7.63 0.63 0.00	15.10 1.24 0.00	22.79 1.72 0.00	24.05 1.63 0.00	31.56 1.96 0.00	32.50 2.06 0.00	27.20 1.71 0.00	22.49 1.48 0.00	21.40 1.39 0.00
NYPA____HOLTSVILL 23794	12.05 0.82 -2.85	6.80 0.72 1.55	2.54 0.03 -2.22	10.44 0.53 -4.69	10.29 0.61 -3.90	13.49 0.82 -4.30	19.33 1.48 -0.40	13.99 1.10 1.75	6.15 0.99 6.78	15.81 1.31 0.68	13.41 1.23 2.39	-11.73 0.86 22.16	9.77 0.77 0.00	9.63 0.82 0.00	9.57 0.82 -0.44	13.64 0.74 -5.91	15.67 1.44 -0.37	23.14 2.06 0.00	24.42 2.00 0.00	34.76 2.81 -2.35	33.28 2.83 0.00	30.20 2.36 -2.35	27.40 2.09 -4.30	21.67 1.66 0.00
NYPA____HELLGATE_GT1 24158	8.91 0.54 0.01	8.15 0.51 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.19 0.42 0.00	7.54 0.54 1.37	18.39 0.94 0.00	15.43 0.79 0.00	12.65 0.71 0.00	16.20 1.02 0.00	15.58 1.01 0.00	10.29 0.71 0.00	9.70 0.70 0.00	9.54 0.72 0.00	9.03 0.72 0.00	7.61 0.61 0.00	15.07 1.20 0.00	22.74 1.67 0.00	23.98 1.56 0.00	31.46 1.86 0.00	32.40 1.95 0.00	27.19 1.70 0.00	22.50 1.50 0.00	21.42 1.41 0.00
NYPA____HELLGATE_GT2 24159	8.91 0.54 0.01	8.15 0.51 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.19 0.42 0.00	7.54 0.54 1.37	18.39 0.94 0.00	15.43 0.79 0.00	12.65 0.71 0.00	16.20 1.02 0.00	15.58 1.01 0.00	10.29 0.71 0.00	9.70 0.70 0.00	9.54 0.72 0.00	9.03 0.72 0.00	7.61 0.61 0.00	15.07 1.20 0.00	22.74 1.67 0.00	23.98 1.56 0.00	31.46 1.86 0.00	32.40 1.95 0.00	27.19 1.70 0.00	22.50 1.50 0.00	21.42 1.41 0.00
NYS_BARGE____HYD 23848	7.91 -0.47 0.00	7.23 -0.40 0.00	0.27 -0.02 0.00	5.03 -0.19 0.00	5.56 -0.22 0.00	8.00 -0.36 0.00	16.74 -0.71 0.00	13.85 -0.79 0.00	11.47 -0.47 0.00	14.74 -0.43 0.00	14.24 -0.33 0.00	9.33 -0.25 0.00	8.80 -0.21 0.00	8.51 -0.30 0.00	7.99 -0.32 0.00	6.61 -0.38 0.00	12.96 -0.91 0.00	19.49 -1.58 0.00	20.73 -1.70 0.00	27.89 -1.71 0.00	28.69 -1.76 0.00	22.72 -1.86 0.92	19.39 -1.61 0.00	18.89 -1.12 0.00
OAK ORCHARD____HYD 24046	8.18 -0.20 0.00	7.47 -0.17 0.00	0.28 -0.01 0.00	5.15 -0.07 0.00	5.70 -0.07 0.00	8.23 -0.13 0.00	17.18 -0.27 0.00	14.28 -0.37 0.00	11.72 -0.22 0.00	14.99 -0.18 0.00	14.45 -0.12 0.00	9.49 -0.10 0.00	8.93 -0.08 0.00	8.69 -0.12 0.00	8.16 -0.15 0.00	6.79 -0.21 0.00	13.33 -0.54 0.00	20.24 -0.84 0.00	21.56 -0.86 0.00	28.79 -0.81 0.00	29.60 -0.85 0.00	24.09 -0.96 0.45	20.17 -0.84 0.00	19.40 -0.61 0.00

OAKDALE___35_KV_LOAD 356122	8.44 0.06 0.00	7.69 0.06 0.00	0.29 0.00 0.00	5.29 0.07 0.00	5.86 0.09 0.00	8.45 0.09 0.00	17.52 0.08 0.00	14.59 -0.05 0.00	11.93 -0.01 0.00	15.21 0.03 0.00	14.61 0.05 0.00	9.61 0.03 0.00	9.04 0.03 0.00	8.80 -0.02 0.00	8.33 0.02 0.00	6.98 -0.01 0.00	13.79 -0.07 0.00	21.04 -0.03 0.00	22.63 0.21 0.00	30.01 0.41 0.00	30.92 0.48 0.00	25.15 0.29 0.63	21.24 0.23 0.00	20.12 0.11 0.00
OCC_CHEM___DRP 24175	7.81 -0.57 0.00	7.15 -0.48 0.00	0.27 -0.02 0.00	4.96 -0.25 0.00	5.48 -0.29 0.00	7.90 -0.46 0.00	16.52 -0.93 0.00	13.69 -0.96 0.00	11.34 -0.60 0.00	14.60 -0.57 0.00	14.12 -0.45 0.00	9.26 -0.32 0.00	8.72 -0.29 0.00	8.41 -0.40 0.00	7.88 -0.43 0.00	6.51 -0.48 0.00	12.72 -1.15 0.00	19.19 -1.88 0.00	20.38 -2.04 0.00	27.34 -2.26 0.00	28.13 -2.31 0.00	22.13 -2.39 0.97	18.99 -2.01 0.00	18.56 -1.45 0.00
OH_GEN_PROXY 24063	7.90 -0.48 0.00	7.23 -0.40 0.00	0.27 -0.01 0.00	5.01 -0.21 0.00	5.54 -0.23 0.00	7.98 -0.39 0.00	16.66 -0.79 0.00	13.81 -0.83 0.00	11.44 -0.50 0.00	14.73 -0.45 0.00	14.23 -0.33 0.00	9.33 -0.25 0.00	8.79 -0.21 0.00	8.51 -0.31 0.00	7.99 -0.32 0.00	6.61 -0.39 0.00	12.91 -0.96 0.00	19.51 -1.57 0.00	20.71 -1.71 0.00	27.77 -1.82 0.00	28.53 -1.91 0.00	22.59 -1.97 0.93	20.26 -1.68 -0.94	20.34 -1.25 -1.58
OLIN_CORP_DRP 24177	7.81 -0.57 0.00	7.14 -0.49 0.00	0.27 -0.02 0.00	4.96 -0.26 0.00	5.48 -0.29 0.00	7.90 -0.47 0.00	16.53 -0.92 0.00	13.68 -0.96 0.00	11.34 -0.60 0.00	14.59 -0.58 0.00	14.10 -0.47 0.00	9.25 -0.33 0.00	8.71 -0.29 0.00	8.42 -0.39 0.00	7.90 -0.41 0.00	6.54 -0.45 0.00	12.78 -1.08 0.00	19.27 -1.81 0.00	20.48 -1.94 0.00	27.49 -2.11 0.00	28.31 -2.13 0.00	22.29 -2.21 0.99	19.12 -1.89 0.00	18.66 -1.35 0.00
OLIN_CORP_DSASP 323712	7.81 -0.56 0.00	7.15 -0.49 0.00	0.27 -0.02 0.00	4.96 -0.25 0.00	5.48 -0.29 0.00	7.90 -0.46 0.00	16.52 -0.93 0.00	13.68 -0.96 0.00	11.34 -0.60 0.00	14.60 -0.57 0.00	14.12 -0.45 0.00	9.26 -0.32 0.00	8.72 -0.29 0.00	8.42 -0.39 0.00	7.89 -0.42 0.00	6.51 -0.48 0.00	12.72 -1.14 0.00	19.20 -1.87 0.00	20.38 -2.04 0.00	27.34 -2.26 0.00	28.10 -2.35 0.00	22.15 -2.37 0.97	19.00 -2.01 0.00	18.56 -1.45 0.00
ONEIDA_HERK_LFGE 323681	8.57 0.19 0.00	7.78 0.15 0.00	0.29 0.01 0.00	5.28 0.06 0.00	5.83 0.05 0.00	8.37 0.00 0.00	17.40 -0.04 0.00	14.54 -0.10 0.00	11.81 -0.12 0.00	14.92 -0.25 0.00	14.34 -0.23 0.00	9.43 -0.15 0.00	8.80 -0.20 0.00	8.61 -0.20 0.00	8.10 -0.21 0.00	6.80 -0.19 0.00	13.52 -0.35 0.00	20.88 -0.19 0.00	22.42 0.00 0.00	29.66 0.06 0.00	30.61 0.16 0.00	25.45 -0.04 0.00	20.93 -0.07 0.00	19.89 -0.12 0.00
ONEIDA___115KV_TB4 55905	8.61 0.23 0.00	7.83 0.20 0.00	0.30 0.01 0.00	5.36 0.14 0.00	5.93 0.16 0.00	8.56 0.19 0.00	17.79 0.34 0.00	14.82 0.18 0.00	12.03 0.09 0.00	15.22 0.04 0.00	14.59 0.02 0.00	9.60 0.02 0.00	9.00 -0.01 0.00	8.81 -0.01 0.00	8.28 -0.03 0.00	6.95 -0.04 0.00	13.80 -0.06 0.00	21.16 0.08 0.00	22.65 0.23 0.00	30.09 0.49 0.00	31.06 0.62 0.00	25.92 0.43 0.00	21.34 0.33 0.00	20.31 0.30 0.00
ONONDAGA_REF_OCCRA 23987	8.41 0.03 0.00	7.66 0.03 0.00	0.29 0.00 0.00	5.25 0.03 0.00	5.82 0.04 0.00	8.40 0.04 0.00	17.48 0.03 0.00	14.56 -0.08 0.00	11.88 -0.06 0.00	15.11 -0.07 0.00	14.51 -0.06 0.00	9.54 -0.04 0.00	8.97 -0.03 0.00	8.78 -0.03 0.00	8.25 -0.06 0.00	6.92 -0.08 0.00	13.67 -0.20 0.00	20.75 -0.32 0.00	22.00 -0.42 0.00	29.14 -0.46 0.00	30.01 -0.44 0.00	25.56 -0.44 -0.50	20.68 -0.33 0.00	19.79 -0.22 0.00
ONONDAGA___COGEN 23986	8.37 -0.01 0.00	7.62 -0.01 0.00	0.29 0.00 0.00	5.23 0.01 0.00	5.79 0.02 0.00	8.37 0.00 0.00	17.42 -0.03 0.00	14.54 -0.10 0.00	11.85 -0.09 0.00	15.06 -0.12 0.00	14.46 -0.11 0.00	9.51 -0.08 0.00	8.95 -0.06 0.00	8.75 -0.07 0.00	8.22 -0.09 0.00	6.89 -0.11 0.00	13.62 -0.25 0.00	20.69 -0.39 0.00	21.97 -0.45 0.00	29.10 -0.50 0.00	29.96 -0.49 0.00	25.89 -0.49 -0.88	20.64 -0.37 0.00	19.74 -0.27 0.00
ONTARIO___LFGE 23819	8.34 -0.04 0.00	7.61 -0.03 0.00	0.29 0.00 0.00	5.23 0.01 0.00	5.81 0.03 0.00	8.38 0.02 0.00	17.48 0.03 0.00	14.52 -0.12 0.00	11.84 -0.10 0.00	15.07 -0.10 0.00	14.44 -0.12 0.00	9.47 -0.11 0.00	8.91 -0.09 0.00	8.65 -0.17 0.00	8.13 -0.18 0.00	6.78 -0.22 0.00	13.36 -0.51 0.00	20.29 -0.79 0.00	21.61 -0.81 0.00	28.99 -0.61 0.00	29.94 -0.51 0.00	23.73 -0.64 1.12	20.53 -0.48 0.00	19.75 -0.26 0.00
ORANGEVILLE_WT_PWR 323706	8.08 -0.30 0.00	7.39 -0.24 0.00	0.28 -0.01 0.00	5.11 -0.11 0.00	5.65 -0.12 0.00	8.14 -0.23 0.00	16.93 -0.51 0.00	13.95 -0.69 0.00	11.51 -0.43 0.00	14.80 -0.38 0.00	14.20 -0.37 0.00	9.28 -0.30 0.00	8.75 -0.26 0.00	8.44 -0.37 0.00	7.90 -0.41 0.00	6.52 -0.48 0.00	12.76 -1.11 0.00	19.25 -1.83 0.00	20.52 -1.90 0.00	27.98 -1.62 0.00	28.92 -1.53 0.00	22.09 -1.68 1.72	19.67 -1.33 0.00	19.12 -0.89 0.00
ORANGEVILLE___ESR 323794	8.08 -0.30 0.00	7.39 -0.24 0.00	0.28 -0.01 0.00	5.11 -0.11 0.00	5.65 -0.12 0.00	8.14 -0.23 0.00	16.93 -0.51 0.00	13.95 -0.69 0.00	11.51 -0.43 0.00	14.80 -0.38 0.00	14.20 -0.37 0.00	9.28 -0.30 0.00	8.75 -0.26 0.00	8.44 -0.37 0.00	7.90 -0.41 0.00	6.52 -0.48 0.00	12.76 -1.11 0.00	19.25 -1.83 0.00	20.52 -1.90 0.00	27.98 -1.62 0.00	28.92 -1.53 0.00	22.09 -1.68 1.72	19.67 -1.33 0.00	19.12 -0.89 0.00
OSWEGATCHIE___HYD 24044	8.31 -0.06 0.00	7.54 -0.09 0.00	0.28 -0.01 0.00	5.08 -0.14 0.00	5.57 -0.20 0.00	7.97 -0.40 0.00	16.63 -0.82 0.00	13.94 -0.70 0.00	11.32 -0.62 0.00	14.25 -0.92 0.00	13.74 -0.83 0.00	9.02 -0.56 0.00	8.36 -0.64 0.00	8.13 -0.68 0.00	7.65 -0.66 0.00	6.44 -0.56 0.00	12.85 -1.02 0.00	20.01 -1.06 0.00	21.62 -0.80 0.00	28.60 -1.00 0.00	29.62 -0.83 0.00	24.56 -0.93 0.00	20.10 -0.91 0.00	19.01 -1.00 0.00
OSWEGO___5 23606	8.23 -0.15 0.00	7.50 -0.13 0.00	0.28 0.00 0.00	5.14 -0.08 0.00	5.69 -0.09 0.00	8.22 -0.14 0.00	17.12 -0.33 0.00	14.31 -0.34 0.00	11.67 -0.27 0.00	14.83 -0.35 0.00	14.24 -0.32 0.00	9.36 -0.21 0.00	8.81 -0.20 0.00	8.61 -0.20 0.00	8.10 -0.21 0.00	6.79 -0.20 0.00	13.41 -0.45 0.00	20.38 -0.70 0.00	21.66 -0.76 0.00	28.65 -0.95 0.00	29.49 -0.96 0.00	24.63 -0.86 0.00	20.34 -0.67 0.00	19.44 -0.57 0.00
OSWEGO___6 23613	8.23 -0.15 0.00	7.50 -0.13 0.00	0.28 0.00 0.00	5.14 -0.08 0.00	5.69 -0.09 0.00	8.22 -0.14 0.00	17.12 -0.33 0.00	14.31 -0.34 0.00	11.67 -0.27 0.00	14.83 -0.35 0.00	14.24 -0.32 0.00	9.36 -0.21 0.00	8.81 -0.20 0.00	8.61 -0.20 0.00	8.10 -0.21 0.00	6.79 -0.20 0.00	13.41 -0.45 0.00	20.38 -0.70 0.00	21.66 -0.76 0.00	28.65 -0.95 0.00	29.49 -0.96 0.00	24.63 -0.86 0.00	20.34 -0.67 0.00	19.44 -0.57 0.00

OUTOKUMPU-AB____DRP 24206	7.97	7.30	0.28	5.06	5.60	8.07	16.87	13.98	11.59	14.91	14.40	9.44	8.89	8.58	8.04	6.65	13.01	19.64	20.88	28.08	28.89	22.71	19.52	19.00
	-0.40	-0.34	-0.01	-0.15	-0.17	-0.29	-0.58	-0.67	-0.35	-0.27	-0.16	-0.14	-0.11	-0.23	-0.27	-0.34	-0.85	-1.44	-1.54	-1.52	-1.56	-1.76	-1.49	-1.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.02	0.00	0.00
OXBOW____BTM 323836	7.88	7.22	0.27	5.01	5.54	7.98	16.68	13.82	11.46	14.75	14.25	9.35	8.80	8.50	7.97	6.58	12.86	19.41	20.62	27.70	28.47	22.44	19.25	18.78
	-0.49	-0.42	-0.02	-0.21	-0.23	-0.39	-0.77	-0.82	-0.48	-0.43	-0.31	-0.24	-0.21	-0.31	-0.34	-0.41	-1.01	-1.66	-1.80	-1.90	-1.98	-2.06	-1.76	-1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
OXBOW____ 24026	7.88	7.22	0.27	5.01	5.54	7.98	16.68	13.82	11.46	14.75	14.25	9.35	8.80	8.49	7.96	6.58	12.86	19.41	20.62	27.70	28.50	22.41	19.25	18.78
	-0.49	-0.42	-0.02	-0.21	-0.23	-0.39	-0.76	-0.82	-0.48	-0.43	-0.31	-0.23	-0.21	-0.32	-0.35	-0.41	-1.01	-1.67	-1.80	-1.89	-1.95	-2.08	-1.76	-1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
OXY_CHEM_DSASP 323612	7.81	7.15	0.27	4.96	5.48	7.90	16.52	13.69	11.34	14.60	14.12	9.26	8.72	8.41	7.88	6.51	12.72	19.19	20.38	27.34	28.13	22.13	18.99	18.56
	-0.57	-0.48	-0.02	-0.25	-0.29	-0.46	-0.93	-0.96	-0.60	-0.57	-0.45	-0.32	-0.29	-0.40	-0.43	-0.48	-1.15	-1.88	-2.04	-2.26	-2.31	-2.39	-2.01	-1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
OZONE_PARK_ESR 323760	9.04	8.22	0.31	5.63	6.24	8.99	18.59	15.61	12.79	16.34	15.72	10.38	9.78	9.62	9.10	7.68	15.20	22.98	24.26	31.87	32.82	27.44	22.67	21.56
	0.66	0.59	0.02	0.41	0.47	0.62	1.14	0.96	0.86	1.16	1.15	0.80	0.78	0.80	0.79	0.68	1.33	1.91	1.84	2.28	2.37	1.95	1.66	1.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	7.81	7.15	0.27	4.96	5.48	7.90	16.52	13.69	11.34	14.60	14.12	9.26	8.72	8.41	7.88	6.51	12.72	19.19	20.38	27.34	28.13	22.13	18.99	18.56
	-0.57	-0.48	-0.02	-0.25	-0.29	-0.46	-0.93	-0.96	-0.60	-0.57	-0.45	-0.32	-0.29	-0.40	-0.43	-0.48	-1.15	-1.88	-2.04	-2.26	-2.31	-2.39	-2.01	-1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
PACKARD__115KV_DUPONT_184 80571	7.81	7.15	0.27	4.96	5.48	7.90	16.52	13.69	11.34	14.60	14.12	9.26	8.72	8.41	7.88	6.51	12.72	19.19	20.38	27.34	28.13	22.13	18.99	18.56
	-0.57	-0.48	-0.02	-0.25	-0.29	-0.46	-0.93	-0.96	-0.60	-0.57	-0.45	-0.32	-0.29	-0.40	-0.43	-0.48	-1.15	-1.88	-2.04	-2.26	-2.31	-2.39	-2.01	-1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	8.92	8.17	0.31	5.60	6.21	8.93	18.44	15.46	12.66	16.20	15.57	10.27	9.68	9.52	9.01	7.59	15.04	22.72	23.96	31.45	32.37	27.17	22.48	21.39
	0.54	0.53	0.02	0.38	0.44	0.57	0.99	0.81	0.72	1.02	1.00	0.69	0.68	0.70	0.69	0.60	1.17	1.64	1.54	1.85	1.93	1.68	1.47	1.38
	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
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	9.08	8.33	0.32	5.73	6.36	9.18	18.83	15.76	12.92	16.52	15.90	10.48	9.88	9.71	9.18	7.74	15.33	23.14	24.35	31.97	32.86	27.56	22.91	21.82
	0.71	0.70	0.03	0.51	0.59	0.81	1.38	1.12	0.99	1.35	1.33	0.90	0.88	0.89	0.87	0.75	1.46	2.06	1.93	2.37	2.42	2.06	1.90	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PATROON__115KV_TB1 80586	8.66	7.89	0.30	5.40	5.98	8.62	17.77	14.86	12.08	15.32	14.68	9.67	9.11	8.94	8.43	7.10	14.08	21.39	22.74	29.94	30.83	25.81	21.38	20.35
	0.28	0.26	0.01	0.18	0.20	0.25	0.32	0.22	0.14	0.14	0.11	0.09	0.11	0.12	0.12	0.11	0.22	0.31	0.32	0.34	0.39	0.31	0.37	0.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PATTRSNVILLE____SOLAR 323815	8.70	7.92	0.30	5.42	6.01	8.69	18.01	15.00	12.09	15.28	14.64	9.64	9.08	8.89	8.37	7.04	13.99	21.36	22.91	30.43	31.42	26.26	21.67	20.63
	0.33	0.29	0.01	0.20	0.24	0.32	0.57	0.35	0.15	0.11	0.08	0.06	0.07	0.07	0.06	0.05	0.12	0.28	0.49	0.84	0.97	0.77	0.66	0.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	8.12	7.43	0.28	5.15	5.70	8.21	17.07	14.16	11.75	15.14	14.61	9.57	9.01	8.70	8.16	6.76	13.21	19.96	21.22	28.54	29.39	22.97	19.92	19.33
	-0.26	-0.20	-0.01	-0.07	-0.08	-0.16	-0.37	-0.48	-0.19	-0.03	0.05	-0.01	0.01	-0.12	-0.15	-0.24	-0.66	-1.12	-1.20	-1.06	-1.06	-1.30	-1.09	-0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.00	0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	8.96	8.14	0.31	5.57	6.18	8.92	18.46	15.51	12.69	16.15	15.51	10.23	9.65	9.48	8.97	7.57	15.03	22.82	24.15	31.73	32.73	27.35	22.59	21.46
	0.58	0.51	0.02	0.35	0.41	0.55	1.01	0.87	0.75	0.97	0.94	0.65	0.65	0.67	0.66	0.58	1.16	1.74	1.73	2.14	2.28	1.86	1.58	1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PEEKSKILL____ 23653	8.89	8.08	0.30	5.54	6.14	8.84	18.30	15.37	12.58	16.02	15.39	10.17	9.59	9.42	8.92	7.53	14.93	22.62	23.90	31.41	32.37	27.06	22.37	21.27
	0.51	0.45	0.02	0.32	0.37	0.48	0.85	0.73	0.64	0.85	0.83	0.58	0.58	0.60	0.61	0.53	1.06	1.54	1.48	1.81	1.92	1.57	1.36	1.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PGE MADISON____WINDPWR 24146	8.90	8.10	0.29	5.54	6.17	8.96	18.69	15.50	12.50	15.66	14.86	9.76	9.20	8.92	8.45	7.06	13.96	21.54	23.27	31.64	32.68	34.10	22.38	21.25
	0.52	0.47	0.01	0.32	0.39	0.60	1.24	0.86	0.57	0.49	0.30	0.18	0.19	0.10	0.14	0.06	0.10	0.46	0.85	2.04	2.24	1.76	1.38	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.85	0.00	0.00

PIERCEFIELD___HYD 23852	8.21 -0.16 0.00	7.48 -0.15 0.00	0.28 -0.01 0.00	5.06 -0.16 0.00	5.57 -0.20 0.00	8.02 -0.35 0.00	16.78 -0.66 0.00	14.13 -0.52 0.00	11.51 -0.43 0.00	14.59 -0.59 0.00	14.01 -0.55 0.00	9.18 -0.40 0.00	8.56 -0.45 0.00	8.28 -0.54 0.00	7.80 -0.51 0.00	6.61 -0.38 0.00	13.24 -0.63 0.00	20.32 -0.76 0.00	21.76 -0.66 0.00	28.92 -0.68 0.00	29.89 -0.55 0.00	24.96 -0.53 0.00	20.34 -0.67 0.00	19.19 -0.83 0.00
PINELAWN_CC_1 323563	18.14 0.79 -8.98	10.44 0.69 -2.12	6.76 0.03 -6.44	16.18 0.50 -10.46	15.07 0.57 -8.72	21.03 0.77 -11.90	26.99 1.40 -8.14	19.94 1.09 -4.21	21.17 0.97 -8.27	24.00 1.28 -7.53	21.72 1.19 -5.96	26.65 0.83 -16.24	9.76 0.75 0.00	9.61 0.80 0.00	9.60 0.80 -0.49	14.25 0.73 -6.53	15.69 1.41 -0.40	23.11 2.04 0.00	24.38 1.96 0.00	34.85 2.65 -2.60	33.14 2.70 0.00	30.33 2.25 -2.59	27.74 1.98 -4.76	21.66 1.65 0.00
PJM_GEN_HTP_PROXY 323702	8.96 0.58 0.00	8.15 0.52 0.00	0.31 0.02 0.00	5.58 0.36 0.00	6.20 0.42 0.00	8.92 0.55 0.00	18.43 0.98 0.00	15.46 0.82 0.00	12.67 0.74 0.00	16.19 1.01 0.00	15.58 1.01 0.00	10.29 0.71 0.00	9.70 0.69 0.00	9.53 0.71 0.00	9.02 0.71 0.00	7.61 0.61 0.00	15.07 1.20 0.00	22.78 1.70 0.00	24.04 1.61 0.00	31.56 1.97 0.00	32.51 2.06 0.00	27.18 1.68 0.00	22.46 1.45 0.00	21.45 1.36 -0.08
PJM_GEN_KEystone 24065	8.50 0.12 0.00	7.75 0.12 0.00	0.29 0.01 0.00	5.34 0.12 0.00	5.92 0.15 0.00	8.51 0.14 0.00	17.58 0.13 0.00	14.68 0.04 0.00	12.09 0.15 0.00	15.49 0.31 0.00	14.91 0.35 0.00	9.81 0.23 0.00	9.24 0.24 0.00	9.02 0.20 0.00	8.51 0.20 0.00	7.12 0.13 0.00	14.04 0.17 0.00	21.23 0.16 0.00	22.45 0.03 0.00	29.78 0.19 0.00	30.69 0.24 0.00	24.83 0.04 0.70	21.12 0.11 0.00	-1.42 0.26 21.70
PJM_GEN_NEPTUNE_PROXY 323594	8.02 0.70 1.05	4.28 0.61 3.97	-0.22 0.02 0.53	6.76 0.44 -1.10	7.23 0.51 -0.95	8.66 0.67 0.38	14.18 1.20 4.47	10.14 0.93 5.43	-3.88 0.85 16.67	10.53 1.15 5.80	8.08 1.08 7.56	-37.14 0.76 47.48	9.71 0.70 0.00	9.56 0.74 0.00	9.47 0.74 -0.41	13.17 0.67 -5.51	15.49 1.29 -0.34	22.91 1.83 0.00	24.15 1.73 0.00	34.11 2.32 -2.19	32.78 2.33 0.00	29.64 1.96 -2.19	26.75 1.73 -4.01	21.54 1.44 -0.08
PJM_GEN_VFT_PROXY 323633	8.95 0.57 0.00	8.13 0.50 0.00	0.31 0.02 0.00	5.57 0.35 0.00	6.18 0.41 0.00	8.89 0.52 0.00	18.38 0.93 0.00	15.43 0.79 0.00	12.65 0.71 0.00	16.14 0.97 0.00	15.53 0.97 0.00	10.25 0.67 0.00	9.67 0.67 0.00	9.52 0.70 0.00	9.00 0.69 0.00	7.60 0.60 0.00	15.03 1.17 0.00	22.72 1.64 0.00	23.98 1.56 0.00	31.48 1.88 0.00	32.43 1.98 0.00	27.10 1.61 0.00	22.38 1.37 0.00	-290.96 312.25
PLATSBURG_115KV_PMLD1 355749	8.31 -0.06 0.00	7.57 -0.06 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.66 -0.11 0.00	8.25 -0.12 0.00	17.21 -0.23 0.00	14.50 -0.14 0.00	11.84 -0.09 0.00	15.05 -0.13 0.00	14.41 -0.16 0.00	9.40 -0.18 0.00	8.78 -0.22 0.00	8.60 -0.22 0.00	8.13 -0.18 0.00	6.89 -0.10 0.00	13.93 0.06 0.00	21.19 0.11 0.00	22.58 0.16 0.00	30.09 0.50 0.00	30.98 0.53 0.00	25.80 0.30 0.00	21.04 0.04 0.00	19.95 -0.06 0.00
PLEASANTVLY___LBMP 24000	8.85 0.47 0.00	8.05 0.42 0.00	0.30 0.02 0.00	5.51 0.29 0.00	6.11 0.34 0.00	8.81 0.44 0.00	18.22 0.78 0.00	15.29 0.65 0.00	12.50 0.56 0.00	15.91 0.73 0.00	15.28 0.71 0.00	10.09 0.51 0.00	9.51 0.50 0.00	9.34 0.53 0.00	8.84 0.53 0.00	7.46 0.46 0.00	14.79 0.92 0.00	22.43 1.36 0.00	23.75 1.33 0.00	31.20 1.60 0.00	32.15 1.70 0.00	26.88 1.39 0.00	22.23 1.22 0.00	21.15 1.14 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	8.91 0.54 0.00	8.10 0.47 0.00	0.31 0.02 0.00	5.55 0.33 0.00	6.16 0.39 0.00	8.87 0.50 0.00	18.35 0.91 0.00	15.41 0.77 0.00	12.61 0.67 0.00	16.06 0.89 0.00	15.44 0.87 0.00	10.20 0.61 0.00	9.61 0.61 0.00	9.44 0.63 0.00	8.94 0.63 0.00	7.54 0.55 0.00	14.95 1.09 0.00	22.66 1.58 0.00	23.96 1.53 0.00	31.47 1.88 0.00	32.43 1.99 0.00	27.11 1.62 0.00	22.41 1.40 0.00	21.30 1.29 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	8.91 0.54 0.00	8.10 0.47 0.00	0.31 0.02 0.00	5.55 0.33 0.00	6.16 0.39 0.00	8.87 0.50 0.00	18.35 0.91 0.00	15.41 0.77 0.00	12.61 0.67 0.00	16.06 0.89 0.00	15.44 0.87 0.00	10.20 0.61 0.00	9.61 0.61 0.00	9.44 0.63 0.00	8.94 0.63 0.00	7.54 0.55 0.00	14.95 1.09 0.00	22.66 1.58 0.00	23.96 1.53 0.00	31.47 1.88 0.00	32.43 1.99 0.00	27.11 1.62 0.00	22.41 1.40 0.00	21.30 1.29 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	8.93 0.55 0.00	8.12 0.48 0.00	0.31 0.02 0.00	5.55 0.33 0.00	6.16 0.39 0.00	8.89 0.52 0.00	18.41 0.96 0.00	15.46 0.82 0.00	12.65 0.71 0.00	16.06 0.89 0.00	15.41 0.84 0.00	10.17 0.59 0.00	9.59 0.58 0.00	9.42 0.60 0.00	8.91 0.60 0.00	7.52 0.53 0.00	14.94 1.07 0.00	22.72 1.64 0.00	24.09 1.67 0.00	31.63 2.03 0.00	32.57 2.12 0.00	27.22 1.73 0.00	22.49 1.48 0.00	21.36 1.35 0.00
POLETTI____ 23519	8.96 0.58 0.00	8.15 0.52 0.00	0.31 0.02 0.00	5.58 0.36 0.00	6.19 0.42 0.00	8.91 0.54 0.00	18.42 0.97 0.00	15.46 0.82 0.00	12.67 0.73 0.00	16.19 1.01 0.00	15.57 1.01 0.00	10.28 0.70 0.00	9.69 0.69 0.00	9.53 0.72 0.00	9.02 0.71 0.00	7.61 0.61 0.00	15.07 1.20 0.00	22.77 1.69 0.00	24.02 1.59 0.00	31.52 1.93 0.00	32.47 2.02 0.00	27.15 1.66 0.00	22.44 1.43 0.00	21.34 1.33 0.00
POMONA___ESR 323819	8.89 0.51 0.00	8.08 0.45 0.00	0.30 0.02 0.00	5.54 0.32 0.00	6.14 0.37 0.00	8.84 0.48 0.00	18.35 0.90 0.00	15.42 0.78 0.00	12.62 0.68 0.00	16.06 0.89 0.00	15.43 0.86 0.00	10.19 0.61 0.00	9.61 0.61 0.00	9.44 0.63 0.00	8.95 0.64 0.00	7.56 0.56 0.00	14.99 1.12 0.00	22.71 1.64 0.00	23.99 1.57 0.00	31.53 1.93 0.00	32.49 2.05 0.00	27.18 1.68 0.00	22.44 1.43 0.00	21.33 1.32 0.00
PORT_JEFF_3 23555	12.13 0.85 -2.91	6.86 0.74 1.51	2.59 0.03 -2.27	10.50 0.54 -4.74	10.35 0.63 -3.94	13.59 0.85 -4.38	19.45 1.52 -0.48	14.08 1.13 1.69	6.33 1.01 6.62	15.92 1.35 0.60	13.52 1.27 2.31	-11.31 0.88 21.76	9.79 0.79 0.00	9.65 0.84 0.00	9.59 0.84 -0.44	13.67 0.76 -5.91	15.71 1.48 -0.37	23.21 2.13 0.00	24.50 2.08 0.00	34.87 2.92 -2.35	33.41 2.96 0.00	30.29 2.45 -2.35	27.48 2.16 -4.31	21.73 1.72 0.00
PORT_JEFF_4 23616	12.13 0.85 -2.91	6.86 0.74 1.51	2.59 0.03 -2.27	10.50 0.54 -4.74	10.35 0.63 -3.94	13.59 0.85 -4.38	19.45 1.52 -0.48	14.08 1.13 1.69	6.33 1.01 6.62	15.92 1.35 0.60	13.52 1.27 2.31	-11.31 0.88 21.76	9.79 0.79 0.00	9.65 0.84 0.00	9.59 0.84 -0.44	13.67 0.76 -5.91	15.71 1.48 -0.37	23.21 2.13 0.00	24.50 2.08 0.00	34.87 2.92 -2.35	33.41 2.96 0.00	30.29 2.45 -2.35	27.48 2.16 -4.31	21.73 1.72 0.00

PORT_JEFF_IC 23713	12.32 0.87 -3.07	6.99 0.76 1.41	2.70 0.03 -2.39	10.67 0.55 -4.89	10.49 0.64 -4.07	13.80 0.86 -4.58	19.70 1.56 -0.69	14.27 1.16 1.54	6.77 1.03 6.20	16.17 1.37 0.38	13.76 1.29 2.09	-10.22 0.88 20.68	9.80 0.80 0.00	9.66 0.85 0.00	9.61 0.85 -0.45	13.70 0.77 -5.93	15.74 1.51 -0.37	23.28 2.20 0.00	24.58 2.16 0.00	34.99 3.03 -2.36	33.51 3.07 0.00	30.40 2.54 -2.36	27.56 2.23 -4.32	21.77 1.76 0.00
PPL PILGRIM_ST_GT1 24216	13.14 0.86 -3.91	7.49 0.75 0.89	3.29 0.03 -2.97	11.42 0.55 -5.66	11.10 0.63 -4.70	14.78 0.85 -5.58	20.73 1.55 -1.73	15.08 1.19 0.75	8.90 1.06 4.10	17.30 1.42 -0.71	14.90 1.32 0.99	-4.81 0.91 15.30	9.83 0.83 0.00	9.68 0.87 0.00	9.63 0.87 -0.45	13.79 0.79 -6.02	15.77 1.53 -0.37	23.28 2.20 0.00	24.54 2.12 0.00	34.89 2.90 -2.39	33.37 2.93 0.00	30.33 2.44 -2.39	27.55 2.15 -4.39	21.79 1.78 0.00
PPL PILGRIM_ST_GT2 24217	13.14 0.86 -3.91	7.49 0.75 0.89	3.29 0.03 -2.97	11.42 0.55 -5.66	11.10 0.63 -4.70	14.78 0.85 -5.58	20.73 1.55 -1.73	15.08 1.19 0.75	8.90 1.06 4.10	17.30 1.42 -0.71	14.90 1.32 0.99	-4.81 0.91 15.30	9.83 0.83 0.00	9.68 0.87 0.00	9.63 0.87 -0.45	13.79 0.79 -6.02	15.77 1.53 -0.37	23.28 2.20 0.00	24.54 2.12 0.00	34.89 2.90 -2.39	33.37 2.93 0.00	30.33 2.44 -2.39	27.55 2.15 -4.39	21.79 1.78 0.00
PPL_SHRM_GT3 24213	12.23 0.85 -2.99	6.92 0.75 1.46	2.65 0.03 -2.33	10.60 0.56 -4.82	10.44 0.66 -4.01	13.73 0.88 -4.48	19.55 1.52 -0.59	14.08 1.04 1.61	6.47 0.93 6.41	15.93 1.24 0.49	13.55 1.19 2.20	-10.80 0.82 21.21	9.73 0.73 0.00	9.59 0.77 0.00	9.54 0.78 -0.44	13.63 0.72 -5.92	15.62 1.38 -0.37	23.11 2.03 0.00	24.44 2.02 0.00	34.98 3.03 -2.36	33.53 3.08 0.00	30.41 2.56 -2.35	27.56 2.24 -4.32	21.62 1.61 0.00
PPL_SHRM_GT4 24214	12.23 0.85 -2.99	6.92 0.75 1.46	2.65 0.03 -2.33	10.60 0.56 -4.82	10.44 0.66 -4.01	13.73 0.88 -4.48	19.55 1.52 -0.59	14.08 1.04 1.61	6.47 0.93 6.41	15.93 1.24 0.49	13.55 1.19 2.20	-10.80 0.82 21.21	9.73 0.73 0.00	9.59 0.77 0.00	9.54 0.78 -0.44	13.63 0.72 -5.92	15.62 1.38 -0.37	23.11 2.03 0.00	24.44 2.02 0.00	34.98 3.03 -2.36	33.53 3.08 0.00	30.41 2.56 -2.35	27.56 2.24 -4.32	21.62 1.61 0.00
PROJECT___ORANGE 1 24174	8.37 -0.01 0.00	7.62 -0.01 0.00	0.29 0.00 0.00	5.23 0.01 0.00	5.79 0.02 0.00	8.37 0.00 0.00	17.40 -0.05 0.00	14.52 -0.12 0.00	11.85 -0.09 0.00	15.06 -0.12 0.00	14.47 -0.10 0.00	9.52 -0.06 0.00	8.95 -0.05 0.00	8.76 -0.06 0.00	8.23 -0.08 0.00	6.90 -0.10 0.00	13.63 -0.24 0.00	20.67 -0.41 0.00	21.92 -0.51 0.00	29.01 -0.59 0.00	29.87 -0.58 0.00	25.30 -0.56 -0.38	20.59 -0.42 0.00	19.71 -0.30 0.00
PROJECT___ORANGE 2 24166	8.37 -0.01 0.00	7.62 -0.01 0.00	0.29 0.00 0.00	5.23 0.01 0.00	5.79 0.02 0.00	8.37 0.00 0.00	17.40 -0.05 0.00	14.52 -0.12 0.00	11.85 -0.09 0.00	15.06 -0.12 0.00	14.47 -0.10 0.00	9.52 -0.06 0.00	8.95 -0.05 0.00	8.76 -0.06 0.00	8.23 -0.08 0.00	6.90 -0.10 0.00	13.63 -0.24 0.00	20.67 -0.41 0.00	21.92 -0.51 0.00	29.01 -0.59 0.00	29.87 -0.58 0.00	25.30 -0.56 -0.38	20.59 -0.42 0.00	19.71 -0.30 0.00
PUCKETT___SOLAR 323809	8.56 0.18 0.00	7.80 0.16 0.00	0.29 0.00 0.00	5.34 0.12 0.00	5.93 0.16 0.00	8.57 0.20 0.00	17.78 0.33 0.00	14.79 0.15 0.00	12.04 0.10 0.00	15.24 0.06 0.00	14.56 -0.01 0.00	9.55 -0.03 0.00	9.00 0.00 0.00	8.76 -0.06 0.00	8.28 -0.03 0.00	6.94 -0.05 0.00	13.76 -0.10 0.00	21.10 0.03 0.00	22.77 0.35 0.00	30.39 0.78 0.00	31.35 0.90 0.00	26.62 0.63 -0.49	21.52 0.51 0.00	20.39 0.38 0.00
PYRITES___HYD 24023	8.34 -0.03 0.00	7.60 -0.03 0.00	0.29 0.00 0.00	5.15 -0.07 0.00	5.68 -0.09 0.00	8.27 -0.10 0.00	17.32 -0.13 0.00	14.47 -0.17 0.00	11.74 -0.20 0.00	14.88 -0.30 0.00	14.26 -0.31 0.00	9.34 -0.24 0.00	8.71 -0.29 0.00	8.47 -0.34 0.00	7.99 -0.32 0.00	6.77 -0.22 0.00	13.59 -0.28 0.00	20.89 -0.18 0.00	22.32 -0.10 0.00	29.83 0.23 0.00	31.01 0.57 0.00	25.96 0.47 0.00	21.11 0.10 0.00	19.91 -0.10 0.00
QUAKERRD_115KV_BK1 80622	8.04 -0.34 0.00	7.34 -0.29 0.00	0.28 -0.01 0.00	5.06 -0.16 0.00	5.60 -0.18 0.00	8.09 -0.28 0.00	16.88 -0.57 0.00	14.04 -0.60 0.00	11.50 -0.44 0.00	14.69 -0.49 0.00	14.15 -0.41 0.00	9.29 -0.29 0.00	8.74 -0.27 0.00	8.51 -0.30 0.00	8.00 -0.31 0.00	6.66 -0.33 0.00	13.09 -0.77 0.00	19.91 -1.17 0.00	21.22 -1.20 0.00	28.27 -1.33 0.00	29.07 -1.37 0.00	24.12 -1.38 0.00	19.84 -1.17 0.00	19.06 -0.95 0.00
QUENSBRY_115KV_TB8 356137	8.93 0.56 0.00	8.12 0.49 0.00	0.30 0.02 0.00	5.55 0.33 0.00	6.18 0.41 0.00	8.99 0.62 0.00	18.70 1.25 0.00	15.61 0.96 0.00	12.56 0.62 0.00	15.80 0.62 0.00	15.13 0.56 0.00	9.99 0.41 0.00	9.40 0.40 0.00	9.16 0.34 0.00	8.62 0.31 0.00	7.24 0.25 0.00	14.48 0.61 0.00	22.13 1.05 0.00	23.63 1.21 0.00	31.21 1.61 0.00	32.16 1.71 0.00	26.83 1.34 0.00	22.21 1.20 0.00	21.11 1.10 0.00
RAMAPO___LBMP 323565	8.85 0.47 0.00	8.05 0.42 0.00	0.30 0.02 0.00	5.52 0.30 0.00	6.12 0.34 0.00	8.80 0.44 0.00	18.23 0.78 0.00	15.33 0.68 0.00	12.54 0.60 0.00	15.96 0.78 0.00	15.32 0.76 0.00	10.12 0.54 0.00	9.54 0.54 0.00	9.38 0.57 0.00	8.88 0.57 0.00	7.50 0.50 0.00	14.86 1.00 0.00	22.53 1.45 0.00	23.81 1.39 0.00	31.29 1.70 0.00	32.26 1.81 0.00	26.99 1.50 0.00	22.29 1.29 0.00	21.19 1.18 0.00
RANKINE____ 23646	8.06 -0.31 0.00	7.38 -0.25 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.67 -0.11 0.00	8.15 -0.21 0.00	16.99 -0.46 0.00	14.08 -0.56 0.00	11.68 -0.26 0.00	15.05 -0.13 0.00	14.53 -0.04 0.00	9.52 -0.06 0.00	8.96 -0.04 0.00	8.64 -0.18 0.00	8.10 -0.21 0.00	6.70 -0.29 0.00	13.10 -0.77 0.00	19.79 -1.28 0.00	21.06 -1.36 0.00	28.35 -1.25 0.00	29.17 -1.28 0.00	22.81 -1.50 1.18	19.75 -1.26 0.00	19.17 -0.84 0.00
RAVENSWOOD_GT2_1 24244	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.20 0.43 0.00	8.92 0.56 0.00	18.44 1.00 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.20 1.03 0.00	15.59 1.02 0.00	10.29 0.71 0.00	9.70 0.70 0.00	9.54 0.72 0.00	9.02 0.71 0.00	7.61 0.61 0.00	15.07 1.20 0.00	22.78 1.70 0.00	24.05 1.63 0.00	31.58 1.99 0.00	32.51 2.07 0.00	27.19 1.70 0.00	22.48 1.47 0.00	21.37 1.36 0.00
RAVENSWOOD_GT2_2 24245	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.20 0.43 0.00	8.92 0.56 0.00	18.44 1.00 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.20 1.03 0.00	15.59 1.02 0.00	10.29 0.71 0.00	9.70 0.70 0.00	9.54 0.72 0.00	9.02 0.71 0.00	7.61 0.61 0.00	15.07 1.20 0.00	22.78 1.70 0.00	24.05 1.63 0.00	31.58 1.99 0.00	32.51 2.07 0.00	27.19 1.70 0.00	22.48 1.47 0.00	21.37 1.36 0.00

RAVENSWOOD_GT2_3 24246	8.97 0.59 0.00	8.17 0.53 0.00	0.31 0.02 0.00	5.59 0.38 0.00	6.21 0.43 0.00	8.93 0.56 0.00	18.45 1.01 0.00	15.49 0.84 0.00	12.69 0.75 0.00	16.21 1.03 0.00	15.59 1.03 0.00	10.29 0.71 0.00	9.71 0.70 0.00	9.54 0.73 0.00	9.03 0.72 0.00	7.61 0.62 0.00	15.08 1.21 0.00	22.79 1.72 0.00	24.06 1.64 0.00	31.60 2.00 0.00	32.53 2.08 0.00	27.21 1.72 0.00	22.48 1.47 0.00	21.38 1.37 0.00
RAVENSWOOD_GT2_4 24247	8.97 0.59 0.00	8.17 0.53 0.00	0.31 0.02 0.00	5.59 0.38 0.00	6.21 0.43 0.00	8.93 0.56 0.00	18.45 1.01 0.00	15.49 0.84 0.00	12.69 0.75 0.00	16.21 1.03 0.00	15.59 1.03 0.00	10.29 0.71 0.00	9.71 0.70 0.00	9.54 0.73 0.00	9.03 0.72 0.00	7.61 0.62 0.00	15.08 1.21 0.00	22.79 1.72 0.00	24.06 1.64 0.00	31.60 2.00 0.00	32.53 2.08 0.00	27.21 1.72 0.00	22.48 1.47 0.00	21.38 1.37 0.00
RAVENSWOOD_GT3_1 24248	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.21 0.43 0.00	8.93 0.56 0.00	18.44 1.00 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.20 1.03 0.00	15.59 1.02 0.00	10.29 0.71 0.00	9.70 0.70 0.00	9.54 0.72 0.00	9.02 0.71 0.00	7.61 0.61 0.00	15.07 1.20 0.00	22.79 1.71 0.00	24.05 1.63 0.00	31.58 1.99 0.00	32.52 2.08 0.00	27.20 1.71 0.00	22.48 1.47 0.00	21.37 1.36 0.00
RAVENSWOOD_GT3_2 24249	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.21 0.43 0.00	8.93 0.56 0.00	18.44 1.00 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.20 1.03 0.00	15.59 1.02 0.00	10.29 0.71 0.00	9.70 0.70 0.00	9.54 0.72 0.00	9.02 0.71 0.00	7.61 0.61 0.00	15.07 1.20 0.00	22.79 1.71 0.00	24.05 1.63 0.00	31.58 1.99 0.00	32.52 2.08 0.00	27.20 1.71 0.00	22.48 1.47 0.00	21.37 1.36 0.00
RAVENSWOOD_GT3_3 24250	8.98 0.60 0.00	8.17 0.54 0.00	0.31 0.02 0.00	5.60 0.38 0.00	6.21 0.44 0.00	8.94 0.57 0.00	18.47 1.02 0.00	15.50 0.86 0.00	12.71 0.77 0.00	16.23 1.05 0.00	15.61 1.04 0.00	10.31 0.73 0.00	9.72 0.71 0.00	9.55 0.74 0.00	9.04 0.73 0.00	7.62 0.63 0.00	15.09 1.23 0.00	22.81 1.74 0.00	24.09 1.67 0.00	31.63 2.04 0.00	32.56 2.12 0.00	27.24 1.75 0.00	22.50 1.50 0.00	21.40 1.39 0.00
RAVENSWOOD_GT3_4 24251	8.98 0.60 0.00	8.17 0.54 0.00	0.31 0.02 0.00	5.60 0.38 0.00	6.21 0.44 0.00	8.94 0.57 0.00	18.47 1.02 0.00	15.50 0.86 0.00	12.71 0.77 0.00	16.23 1.05 0.00	15.61 1.04 0.00	10.31 0.73 0.00	9.72 0.71 0.00	9.55 0.74 0.00	9.04 0.73 0.00	7.62 0.63 0.00	15.09 1.23 0.00	22.81 1.74 0.00	24.09 1.67 0.00	31.63 2.04 0.00	32.56 2.12 0.00	27.24 1.75 0.00	22.50 1.50 0.00	21.40 1.39 0.00
RAVENSWOOD_GT_1 23729	8.98 0.60 0.00	8.19 0.55 0.00	0.31 0.02 0.00	5.61 0.39 0.00	6.22 0.45 0.00	8.95 0.58 0.00	18.48 1.03 0.00	15.51 0.87 0.00	12.71 0.77 0.00	16.26 1.09 0.00	15.64 1.07 0.00	10.32 0.74 0.00	9.73 0.73 0.00	9.57 0.75 0.00	9.06 0.74 0.00	7.64 0.64 0.00	15.13 1.26 0.00	22.83 1.76 0.00	24.10 1.68 0.00	31.63 2.03 0.00	32.56 2.11 0.00	27.25 1.76 0.00	22.52 1.52 0.00	21.43 1.42 0.00
RAVENSWOOD_GT_10 24258	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.20 0.43 0.00	8.93 0.56 0.00	18.44 1.00 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.20 1.03 0.00	15.59 1.02 0.00	10.29 0.71 0.00	9.70 0.70 0.00	9.54 0.72 0.00	9.02 0.71 0.00	7.61 0.61 0.00	15.07 1.20 0.00	22.78 1.71 0.00	24.05 1.63 0.00	31.58 1.99 0.00	32.52 2.08 0.00	27.20 1.71 0.00	22.48 1.47 0.00	21.37 1.36 0.00
RAVENSWOOD_GT_11 24259	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.20 0.43 0.00	8.93 0.56 0.00	18.44 1.00 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.20 1.03 0.00	15.59 1.02 0.00	10.29 0.71 0.00	9.70 0.70 0.00	9.54 0.72 0.00	9.02 0.71 0.00	7.61 0.61 0.00	15.07 1.20 0.00	22.78 1.71 0.00	24.05 1.63 0.00	31.58 1.99 0.00	32.52 2.08 0.00	27.20 1.71 0.00	22.48 1.47 0.00	21.37 1.36 0.00
RAVENSWOOD_GT_4 24252	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.20 0.43 0.00	8.92 0.56 0.00	18.44 0.99 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.20 1.02 0.00	15.58 1.01 0.00	10.29 0.71 0.00	9.70 0.70 0.00	9.53 0.72 0.00	9.02 0.71 0.00	7.61 0.61 0.00	15.07 1.20 0.00	22.78 1.71 0.00	24.05 1.63 0.00	31.59 1.99 0.00	32.53 2.08 0.00	27.19 1.70 0.00	22.48 1.47 0.00	21.37 1.36 0.00
RAVENSWOOD_GT_5 24254	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.20 0.43 0.00	8.92 0.56 0.00	18.44 0.99 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.20 1.02 0.00	15.58 1.01 0.00	10.29 0.71 0.00	9.70 0.70 0.00	9.53 0.72 0.00	9.02 0.71 0.00	7.61 0.61 0.00	15.07 1.20 0.00	22.78 1.71 0.00	24.05 1.63 0.00	31.59 1.99 0.00	32.53 2.08 0.00	27.19 1.70 0.00	22.48 1.47 0.00	21.37 1.36 0.00
RAVENSWOOD_GT_6 24253	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.20 0.43 0.00	8.92 0.56 0.00	18.44 0.99 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.20 1.02 0.00	15.58 1.01 0.00	10.29 0.71 0.00	9.70 0.70 0.00	9.53 0.72 0.00	9.02 0.71 0.00	7.61 0.61 0.00	15.07 1.20 0.00	22.78 1.71 0.00	24.05 1.63 0.00	31.59 1.99 0.00	32.53 2.08 0.00	27.19 1.70 0.00	22.48 1.47 0.00	21.37 1.36 0.00
RAVENSWOOD_GT_7 24255	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.20 0.43 0.00	8.92 0.56 0.00	18.44 0.99 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.20 1.02 0.00	15.58 1.01 0.00	10.29 0.71 0.00	9.70 0.70 0.00	9.53 0.72 0.00	9.02 0.71 0.00	7.61 0.61 0.00	15.07 1.20 0.00	22.78 1.71 0.00	24.05 1.63 0.00	31.59 1.99 0.00	32.53 2.08 0.00	27.19 1.70 0.00	22.48 1.47 0.00	21.37 1.36 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.20 0.43 0.00	8.93 0.56 0.00	18.44 1.00 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.20 1.03 0.00	15.59 1.02 0.00	10.29 0.71 0.00	9.70 0.70 0.00	9.54 0.72 0.00	9.02 0.71 0.00	7.61 0.61 0.00	15.07 1.20 0.00	22.78 1.71 0.00	24.05 1.63 0.00	31.58 1.99 0.00	32.52 2.08 0.00	27.20 1.71 0.00	22.48 1.47 0.00	21.37 1.36 0.00
RAVENSWOOD_GT_9 24257	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.20 0.43 0.00	8.93 0.56 0.00	18.44 1.00 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.20 1.03 0.00	15.59 1.02 0.00	10.29 0.71 0.00	9.70 0.70 0.00	9.54 0.72 0.00	9.02 0.71 0.00	7.61 0.61 0.00	15.07 1.20 0.00	22.78 1.71 0.00	24.05 1.63 0.00	31.58 1.99 0.00	32.52 2.08 0.00	27.20 1.71 0.00	22.48 1.47 0.00	21.37 1.36 0.00

RAVENSWOOD___1 23533	8.97 0.59 0.00	8.18 0.55 0.00	0.31 0.02 0.00	5.60 0.39 0.00	6.22 0.44 0.00	8.94 0.57 0.00	18.45 1.01 0.00	15.49 0.85 0.00	12.70 0.76 0.00	16.24 1.07 0.00	15.62 1.05 0.00	10.31 0.73 0.00	9.72 0.72 0.00	9.56 0.74 0.00	9.04 0.73 0.00	7.63 0.64 0.00	15.10 1.24 0.00	22.81 1.73 0.00	24.07 1.65 0.00	31.59 1.99 0.00	32.52 2.08 0.00	27.22 1.73 0.00	22.49 1.49 0.00	21.40 1.39 0.00
RAVENSWOOD___2 23534	8.97 0.59 0.00	8.18 0.55 0.00	0.31 0.02 0.00	5.60 0.39 0.00	6.22 0.44 0.00	8.94 0.57 0.00	18.45 1.01 0.00	15.49 0.85 0.00	12.70 0.76 0.00	16.24 1.07 0.00	15.62 1.05 0.00	10.31 0.73 0.00	9.72 0.72 0.00	9.56 0.74 0.00	9.04 0.73 0.00	7.63 0.64 0.00	15.10 1.24 0.00	22.81 1.73 0.00	24.07 1.65 0.00	31.59 1.99 0.00	32.52 2.08 0.00	27.22 1.73 0.00	22.49 1.49 0.00	21.40 1.39 0.00
RAVENSWOOD___3 23535	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.21 0.43 0.00	8.93 0.56 0.00	18.44 1.00 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.20 1.03 0.00	15.59 1.02 0.00	10.29 0.71 0.00	9.70 0.70 0.00	9.54 0.72 0.00	9.02 0.71 0.00	7.61 0.61 0.00	15.07 1.20 0.00	22.78 1.71 0.00	24.05 1.63 0.00	31.58 1.99 0.00	32.53 2.08 0.00	27.20 1.71 0.00	22.48 1.47 0.00	21.37 1.36 0.00
RAVENSWOOD___4 23820	8.97 0.59 0.00	8.18 0.55 0.00	0.31 0.02 0.00	5.60 0.39 0.00	6.22 0.44 0.00	8.94 0.57 0.00	18.45 1.01 0.00	15.49 0.85 0.00	12.70 0.76 0.00	16.24 1.07 0.00	15.62 1.05 0.00	10.31 0.73 0.00	9.72 0.72 0.00	9.56 0.74 0.00	9.04 0.73 0.00	7.63 0.64 0.00	15.10 1.24 0.00	22.81 1.73 0.00	24.07 1.65 0.00	31.59 1.99 0.00	32.52 2.08 0.00	27.22 1.73 0.00	22.49 1.49 0.00	21.40 1.39 0.00
RCPL_TRUST___DRP 24196	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.20 0.43 0.00	8.92 0.56 0.00	18.45 1.00 0.00	15.48 0.84 0.00	12.69 0.75 0.00	16.22 1.04 0.00	15.60 1.04 0.00	10.30 0.72 0.00	9.71 0.71 0.00	9.54 0.72 0.00	9.03 0.72 0.00	7.62 0.63 0.00	15.09 1.22 0.00	22.81 1.73 0.00	24.07 1.65 0.00	31.60 2.00 0.00	32.53 2.09 0.00	27.21 1.71 0.00	22.48 1.47 0.00	21.38 1.37 0.00
RED___ROCHESTER 323720	8.22 -0.15 0.00	7.51 -0.12 0.00	0.28 0.00 0.00	5.18 -0.04 0.00	5.73 -0.05 0.00	8.28 -0.09 0.00	17.28 -0.17 0.00	14.35 -0.29 0.00	11.79 -0.15 0.00	15.08 -0.10 0.00	14.53 -0.03 0.00	9.53 -0.05 0.00	8.97 -0.03 0.00	8.73 -0.08 0.00	8.21 -0.10 0.00	6.82 -0.17 0.00	13.39 -0.48 0.00	20.36 -0.72 0.00	21.71 -0.71 0.00	28.98 -0.62 0.00	29.79 -0.66 0.00	24.24 -0.80 0.46	20.29 -0.72 0.00	19.50 -0.51 0.00
REGAN___SOLAR 323812	8.86 0.48 0.00	8.06 0.42 0.00	0.31 0.02 0.00	5.52 0.30 0.00	6.11 0.34 0.00	8.85 0.48 0.00	18.37 0.93 0.00	15.20 0.56 0.00	11.91 -0.03 0.00	14.98 -0.20 0.00	14.35 -0.21 0.00	9.41 -0.17 0.00	8.87 -0.13 0.00	8.68 -0.13 0.00	8.16 -0.15 0.00	6.87 -0.13 0.00	13.66 -0.20 0.00	20.99 -0.09 0.00	23.02 0.60 0.00	30.99 1.39 0.00	32.13 1.69 0.00	26.85 1.36 0.00	22.09 1.09 0.00	21.00 0.98 0.00
RENSSELAER___COGEN 23796	8.62 0.24 0.00	7.86 0.23 0.00	0.30 0.01 0.00	5.37 0.16 0.00	5.96 0.18 0.00	8.59 0.22 0.00	17.68 0.23 0.00	14.79 0.15 0.00	12.03 0.09 0.00	15.25 0.08 0.00	14.61 0.05 0.00	9.63 0.05 0.00	9.07 0.07 0.00	8.90 0.08 0.00	8.40 0.08 0.00	7.07 0.08 0.00	14.01 0.14 0.00	21.27 0.19 0.00	22.61 0.19 0.00	29.77 0.17 0.00	30.66 0.22 0.00	25.67 0.18 0.00	21.28 0.28 0.00	20.25 0.24 0.00
REPUBLIC_115KV_BARTNBRK 55605	9.05 0.67 0.00	8.27 0.63 0.00	0.29 0.00 0.00	5.60 0.38 0.00	6.32 0.54 0.00	9.31 0.94 0.00	19.48 2.03 0.00	16.23 1.59 0.00	12.93 0.99 0.00	16.12 0.95 0.00	15.27 0.70 0.00	10.23 0.65 0.00	9.64 0.64 0.00	9.37 0.56 0.00	8.76 0.45 0.00	7.37 0.38 0.00	14.92 1.05 0.00	22.86 1.79 0.00	24.21 1.79 0.00	31.94 2.34 0.00	32.92 2.48 0.00	27.50 2.01 0.00	23.11 2.10 0.00	22.03 2.02 0.00
REVERE_CPPR_DRP 24186	8.66 0.29 0.00	7.88 0.24 0.00	0.30 0.01 0.00	5.37 0.15 0.00	5.94 0.16 0.00	8.57 0.20 0.00	17.81 0.36 0.00	14.85 0.20 0.00	12.05 0.11 0.00	15.20 0.03 0.00	14.57 0.00 0.00	9.58 0.00 0.00	8.97 -0.04 0.00	8.78 -0.04 0.00	8.25 -0.06 0.00	6.93 -0.06 0.00	13.78 -0.08 0.00	21.23 0.15 0.00	22.79 0.37 0.00	30.28 0.68 0.00	31.25 0.80 0.00	26.06 0.57 0.00	21.41 0.40 0.00	20.36 0.35 0.00
REYNLDPA_13_KV_LD 356490	8.27 -0.10 0.00	7.55 -0.08 0.00	0.28 0.00 0.00	5.13 -0.09 0.00	5.66 -0.11 0.00	8.26 -0.11 0.00	17.31 -0.14 0.00	14.60 -0.05 0.00	11.91 -0.03 0.00	15.16 -0.02 0.00	14.55 -0.01 0.00	9.55 -0.04 0.00	8.94 -0.07 0.00	8.74 -0.07 0.00	8.24 -0.07 0.00	6.97 -0.02 0.00	13.91 0.05 0.00	21.16 0.08 0.00	22.57 0.15 0.00	29.90 0.31 0.00	30.76 0.31 0.00	25.72 0.22 0.00	21.03 0.02 0.00	19.97 -0.04 0.00
REYNOLDS_115KV_TB3 80639	8.65 0.28 0.00	7.89 0.25 0.00	0.30 0.01 0.00	5.39 0.17 0.00	5.98 0.20 0.00	8.62 0.26 0.00	17.79 0.34 0.00	14.88 0.23 0.00	12.10 0.16 0.00	15.33 0.15 0.00	14.69 0.12 0.00	9.68 0.10 0.00	9.11 0.11 0.00	8.94 0.13 0.00	8.44 0.13 0.00	7.11 0.11 0.00	14.09 0.22 0.00	21.39 0.31 0.00	22.73 0.31 0.00	29.91 0.31 0.00	30.81 0.36 0.00	25.79 0.30 0.00	21.38 0.37 0.00	20.36 0.35 0.00
RIVERBAY____ 323610	9.08 0.71 0.00	8.33 0.70 0.00	0.32 0.03 0.00	5.73 0.51 0.00	6.36 0.59 0.00	9.18 0.81 0.00	18.83 1.38 0.00	15.76 1.12 0.00	12.92 0.99 0.00	16.52 1.35 0.00	15.90 1.33 0.00	10.48 0.90 0.00	9.88 0.88 0.00	9.71 0.89 0.00	9.18 0.87 0.00	7.74 0.75 0.00	15.33 1.46 0.00	23.14 2.06 0.00	24.35 1.93 0.00	31.97 2.37 0.00	32.86 2.42 0.00	27.56 2.06 0.00	22.91 1.90 0.00	21.82 1.81 0.00
RIVERSDE_115KV_TB3 55908	8.64 0.27 0.00	7.88 0.25 0.00	0.30 0.01 0.00	5.39 0.17 0.00	5.97 0.20 0.00	8.61 0.24 0.00	17.74 0.29 0.00	14.84 0.20 0.00	12.07 0.13 0.00	15.30 0.12 0.00	14.66 0.10 0.00	9.66 0.08 0.00	9.10 0.09 0.00	8.92 0.11 0.00	8.43 0.12 0.00	7.09 0.10 0.00	14.06 0.19 0.00	21.35 0.27 0.00	22.69 0.27 0.00	29.86 0.26 0.00	30.76 0.31 0.00	25.75 0.26 0.00	21.34 0.34 0.00	20.31 0.30 0.00
ROARING___BROOK_WT_PWR 323790	8.36 -0.02 0.00	7.60 -0.03 0.00	0.29 0.00 0.00	5.18 -0.04 0.00	5.71 -0.06 0.00	8.24 -0.13 0.00	17.19 -0.26 0.00	14.44 -0.21 0.00	11.75 -0.18 0.00	14.96 -0.21 0.00	14.38 -0.18 0.00	9.44 -0.14 0.00	8.84 -0.16 0.00	8.64 -0.17 0.00	8.13 -0.18 0.00	6.83 -0.16 0.00	13.52 -0.35 0.00	20.74 -0.34 0.00	22.19 -0.23 0.00	29.28 -0.32 0.00	30.15 -0.30 0.00	25.11 -0.38 0.00	20.65 -0.35 0.00	19.65 -0.36 0.00

ROCHESRG_115KV_T4 355643	8.15 -0.23 0.00	7.44 -0.19 0.00	0.28 -0.01 0.00	5.13 -0.09 0.00	5.68 -0.09 0.00	8.20 -0.16 0.00	17.12 -0.33 0.00	14.23 -0.42 0.00	11.68 -0.26 0.00	14.95 -0.23 0.00	14.41 -0.16 0.00	9.46 -0.12 0.00	8.90 -0.10 0.00	8.66 -0.16 0.00	8.13 -0.18 0.00	6.77 -0.23 0.00	13.29 -0.58 0.00	20.16 -0.91 0.00	21.48 -0.94 0.00	28.66 -0.94 0.00	29.49 -0.96 0.00	23.96 -1.07 0.46	20.08 -0.92 0.00	19.33 -0.68 0.00
ROCHESTER_9_IC 23652	8.19 -0.19 0.00	7.48 -0.16 0.00	0.28 -0.01 0.00	5.16 -0.06 0.00	5.71 -0.07 0.00	8.24 -0.12 0.00	17.21 -0.24 0.00	14.30 -0.35 0.00	11.74 -0.20 0.00	15.02 -0.16 0.00	14.48 -0.09 0.00	9.50 -0.08 0.00	8.94 -0.06 0.00	8.70 -0.12 0.00	8.17 -0.14 0.00	6.80 -0.20 0.00	13.34 -0.52 0.00	20.27 -0.81 0.00	21.61 -0.82 0.00	28.84 -0.76 0.00	29.66 -0.79 0.00	24.11 -0.93 0.46	20.19 -0.81 0.00	19.42 -0.59 0.00
ROCKVIEW_13_KV_LD 356306	8.95 0.57 0.00	8.13 0.50 0.00	0.31 0.02 0.00	5.57 0.35 0.00	6.18 0.40 0.00	8.89 0.52 0.00	18.40 0.95 0.00	15.45 0.81 0.00	12.66 0.72 0.00	16.14 0.97 0.00	15.52 0.95 0.00	10.25 0.67 0.00	9.66 0.66 0.00	9.50 0.69 0.00	9.00 0.69 0.00	7.59 0.60 0.00	15.05 1.19 0.00	22.79 1.71 0.00	24.07 1.65 0.00	31.64 2.04 0.00	32.58 2.14 0.00	27.24 1.75 0.00	22.51 1.51 0.00	21.40 1.39 0.00
ROME____115KV_TB2 80656	8.66 0.29 0.00	7.88 0.24 0.00	0.30 0.01 0.00	5.37 0.15 0.00	5.94 0.16 0.00	8.57 0.20 0.00	17.81 0.36 0.00	14.85 0.20 0.00	12.05 0.11 0.00	15.20 0.03 0.00	14.57 0.00 0.00	9.58 0.00 0.00	8.97 -0.04 0.00	8.78 -0.04 0.00	8.25 -0.06 0.00	6.93 -0.06 0.00	13.78 -0.08 0.00	21.23 0.15 0.00	22.79 0.37 0.00	30.28 0.68 0.00	31.25 0.80 0.00	26.06 0.57 0.00	21.41 0.40 0.00	20.36 0.35 0.00
ROSETON___1 23587	8.85 0.47 0.00	8.05 0.41 0.00	0.30 0.02 0.00	5.51 0.29 0.00	6.11 0.34 0.00	8.81 0.44 0.00	18.22 0.77 0.00	15.31 0.66 0.00	12.51 0.57 0.00	15.92 0.74 0.00	15.29 0.72 0.00	10.09 0.51 0.00	9.51 0.51 0.00	9.35 0.54 0.00	8.85 0.54 0.00	7.46 0.47 0.00	14.81 0.94 0.00	22.45 1.38 0.00	23.75 1.33 0.00	31.22 1.62 0.00	32.17 1.72 0.00	26.90 1.41 0.00	22.24 1.23 0.00	21.15 1.14 0.00
ROSETON___2 23588	8.85 0.47 0.00	8.05 0.41 0.00	0.30 0.02 0.00	5.51 0.29 0.00	6.11 0.34 0.00	8.81 0.44 0.00	18.22 0.77 0.00	15.31 0.66 0.00	12.51 0.57 0.00	15.92 0.74 0.00	15.29 0.72 0.00	10.09 0.51 0.00	9.51 0.51 0.00	9.35 0.54 0.00	8.85 0.54 0.00	7.46 0.47 0.00	14.81 0.94 0.00	22.45 1.38 0.00	23.75 1.33 0.00	31.22 1.62 0.00	32.17 1.72 0.00	26.90 1.41 0.00	22.24 1.23 0.00	21.15 1.14 0.00
ROTRDAM_115KV_TB3 80664	8.66 0.28 0.00	7.88 0.25 0.00	0.30 0.01 0.00	5.40 0.18 0.00	5.98 0.21 0.00	8.65 0.28 0.00	17.93 0.48 0.00	14.98 0.34 0.00	12.16 0.22 0.00	15.40 0.22 0.00	14.77 0.20 0.00	9.72 0.14 0.00	9.15 0.15 0.00	8.97 0.15 0.00	8.46 0.14 0.00	7.11 0.12 0.00	14.12 0.26 0.00	21.51 0.43 0.00	22.93 0.51 0.00	30.28 0.68 0.00	31.20 0.75 0.00	26.09 0.60 0.00	21.55 0.54 0.00	20.51 0.51 0.00
RUSSELL___1 23602	8.22 -0.15 0.00	7.51 -0.13 0.00	0.28 0.00 0.00	5.18 -0.04 0.00	5.73 -0.05 0.00	8.28 -0.09 0.00	17.28 -0.17 0.00	14.35 -0.29 0.00	11.79 -0.15 0.00	15.08 -0.10 0.00	14.53 -0.04 0.00	9.53 -0.05 0.00	8.97 -0.03 0.00	8.73 -0.09 0.00	8.20 -0.11 0.00	6.82 -0.17 0.00	13.39 -0.48 0.00	20.36 -0.72 0.00	21.71 -0.71 0.00	28.98 -0.62 0.00	29.80 -0.64 0.00	24.23 -0.81 0.46	20.29 -0.73 0.00	19.50 -0.51 0.00
RUSSELL___2 23532	8.22 -0.15 0.00	7.51 -0.13 0.00	0.28 0.00 0.00	5.18 -0.04 0.00	5.73 -0.05 0.00	8.28 -0.09 0.00	17.28 -0.17 0.00	14.35 -0.29 0.00	11.79 -0.15 0.00	15.08 -0.10 0.00	14.53 -0.04 0.00	9.53 -0.05 0.00	8.97 -0.03 0.00	8.73 -0.09 0.00	8.20 -0.11 0.00	6.82 -0.17 0.00	13.39 -0.48 0.00	20.36 -0.72 0.00	21.71 -0.71 0.00	28.98 -0.62 0.00	29.80 -0.64 0.00	24.23 -0.81 0.46	20.29 -0.73 0.00	19.50 -0.51 0.00
RUSSELL___3 23549	8.22 -0.15 0.00	7.51 -0.13 0.00	0.28 0.00 0.00	5.18 -0.04 0.00	5.73 -0.05 0.00	8.28 -0.09 0.00	17.28 -0.17 0.00	14.35 -0.29 0.00	11.79 -0.15 0.00	15.08 -0.10 0.00	14.53 -0.04 0.00	9.53 -0.05 0.00	8.97 -0.03 0.00	8.73 -0.09 0.00	8.20 -0.11 0.00	6.82 -0.17 0.00	13.39 -0.48 0.00	20.36 -0.72 0.00	21.71 -0.71 0.00	28.98 -0.62 0.00	29.80 -0.64 0.00	24.23 -0.81 0.46	20.29 -0.73 0.00	19.50 -0.51 0.00
RUSSELL___4 23556	8.22 -0.15 0.00	7.51 -0.13 0.00	0.28 0.00 0.00	5.18 -0.04 0.00	5.73 -0.05 0.00	8.28 -0.09 0.00	17.28 -0.17 0.00	14.35 -0.29 0.00	11.79 -0.15 0.00	15.08 -0.10 0.00	14.53 -0.04 0.00	9.53 -0.05 0.00	8.97 -0.03 0.00	8.73 -0.09 0.00	8.20 -0.11 0.00	6.82 -0.17 0.00	13.39 -0.48 0.00	20.36 -0.72 0.00	21.71 -0.71 0.00	28.98 -0.62 0.00	29.80 -0.64 0.00	24.23 -0.81 0.46	20.29 -0.73 0.00	19.50 -0.51 0.00
RUSSELL___STATION 23914	8.22 -0.15 0.00	7.51 -0.13 0.00	0.28 0.00 0.00	5.18 -0.04 0.00	5.73 -0.05 0.00	8.28 -0.09 0.00	17.28 -0.17 0.00	14.35 -0.29 0.00	11.79 -0.15 0.00	15.08 -0.10 0.00	14.53 -0.04 0.00	9.53 -0.05 0.00	8.97 -0.03 0.00	8.73 -0.09 0.00	8.20 -0.11 0.00	6.82 -0.17 0.00	13.39 -0.48 0.00	20.36 -0.72 0.00	21.71 -0.71 0.00	28.98 -0.62 0.00	29.80 -0.64 0.00	24.23 -0.81 0.46	20.29 -0.73 0.00	19.50 -0.51 0.00
S SALMON___HYD 24043	8.37 -0.01 0.00	7.60 -0.03 0.00	0.28 0.00 0.00	5.17 -0.05 0.00	5.70 -0.07 0.00	8.20 -0.16 0.00	17.05 -0.40 0.00	14.24 -0.40 0.00	11.58 -0.36 0.00	14.63 -0.54 0.00	14.08 -0.49 0.00	9.27 -0.31 0.00	8.67 -0.33 0.00	8.48 -0.34 0.00	7.97 -0.34 0.00	6.66 -0.33 0.00	13.17 -0.69 0.00	20.23 -0.84 0.00	21.67 -0.75 0.00	28.68 -0.92 0.00	29.66 -0.79 0.00	24.73 -0.77 0.00	20.37 -0.64 0.00	19.42 -0.59 0.00
S.PERRY__115KV_TB1 80734	8.39 0.01 0.00	7.67 0.04 0.00	0.29 0.00 0.00	5.29 0.07 0.00	5.87 0.09 0.00	8.46 0.10 0.00	17.68 0.23 0.00	14.52 -0.12 0.00	11.81 -0.13 0.00	15.10 -0.07 0.00	14.49 -0.07 0.00	9.49 -0.09 0.00	8.94 -0.06 0.00	8.68 -0.14 0.00	8.11 -0.20 0.00	6.73 -0.26 0.00	13.23 -0.63 0.00	20.03 -1.05 0.00	21.32 -1.10 0.00	29.05 -0.55 0.00	30.32 -0.12 0.00	23.37 -0.39 1.73	20.65 -0.36 0.00	19.94 -0.07 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	7.98 -0.39 0.00	7.31 -0.32 0.00	0.28 -0.01 0.00	5.07 -0.15 0.00	5.61 -0.17 0.00	8.07 -0.29 0.00	16.84 -0.60 0.00	13.96 -0.68 0.00	11.57 -0.36 0.00	14.90 -0.27 0.00	14.40 -0.16 0.00	9.44 -0.14 0.00	8.89 -0.11 0.00	8.58 -0.23 0.00	8.05 -0.27 0.00	6.66 -0.33 0.00	13.01 -0.85 0.00	19.66 -1.41 0.00	20.90 -1.52 0.00	28.09 -1.51 0.00	28.90 -1.55 0.00	22.72 -1.73 1.05	19.54 -1.47 0.00	18.98 -1.03 0.00

SAWYER___23_KV_LOAD 55526	7.98 -0.39 0.00	7.31 -0.32 0.00	0.28 -0.01 0.00	5.07 -0.15 0.00	5.61 -0.17 0.00	8.07 -0.29 0.00	16.84 -0.60 0.00	13.96 -0.68 0.00	11.57 -0.36 0.00	14.90 -0.27 0.00	14.40 -0.16 0.00	9.44 -0.14 0.00	8.89 -0.11 0.00	8.58 -0.23 0.00	8.05 -0.27 0.00	6.66 -0.33 0.00	13.01 -0.85 0.00	19.66 -0.41 0.00	20.90 -1.52 0.00	28.09 -1.51 0.00	28.90 -1.55 0.00	22.72 -1.73 1.05	19.54 -1.47 0.00	18.98 -1.03 0.00
SELKIRK___I 23801	8.66 0.29 0.00	7.90 0.27 0.00	0.30 0.01 0.00	5.41 0.19 0.00	5.99 0.21 0.00	8.65 0.28 0.00	17.84 0.40 0.00	14.88 0.24 0.00	12.05 0.11 0.00	15.26 0.09 0.00	14.63 0.07 0.00	9.64 0.06 0.00	9.08 0.07 0.00	8.91 0.09 0.00	8.40 0.09 0.00	7.07 0.08 0.00	14.03 0.17 0.00	21.35 0.27 0.00	22.74 0.32 0.00	30.03 0.44 0.00	30.96 0.51 0.00	25.91 0.42 0.00	21.44 0.43 0.00	20.41 0.40 0.00
SELKIRK___II 23799	8.63 0.25 0.00	7.86 0.23 0.00	0.30 0.01 0.00	5.38 0.16 0.00	5.96 0.19 0.00	8.60 0.23 0.00	17.75 0.30 0.00	14.85 0.21 0.00	12.08 0.14 0.00	15.32 0.15 0.00	14.69 0.12 0.00	9.68 0.09 0.00	9.11 0.11 0.00	8.94 0.12 0.00	8.44 0.12 0.00	7.10 0.11 0.00	14.07 0.21 0.00	21.37 0.30 0.00	22.73 0.30 0.00	29.94 0.34 0.00	30.84 0.39 0.00	25.82 0.32 0.00	21.36 0.36 0.00	20.34 0.33 0.00
SENECA OSWGO___HYD 24041	8.25 -0.12 0.00	7.52 -0.11 0.00	0.28 0.00 0.00	5.16 -0.06 0.00	5.71 -0.06 0.00	8.25 -0.11 0.00	17.18 -0.27 0.00	14.35 -0.29 0.00	11.69 -0.25 0.00	14.85 -0.33 0.00	14.25 -0.31 0.00	9.37 -0.21 0.00	8.82 -0.19 0.00	8.63 -0.19 0.00	8.11 -0.20 0.00	6.79 -0.20 0.00	13.43 -0.44 0.00	20.41 -0.66 0.00	21.71 -0.71 0.00	28.71 -0.89 0.00	29.56 -0.89 0.00	24.70 -0.80 0.00	20.38 -0.63 0.00	19.48 -0.53 0.00
SENECA___115KV_TB3 355854	8.08 -0.30 0.00	7.39 -0.24 0.00	0.28 -0.01 0.00	5.13 -0.09 0.00	5.67 -0.10 0.00	8.17 -0.20 0.00	17.01 -0.43 0.00	14.10 -0.54 0.00	11.70 -0.24 0.00	15.07 -0.10 0.00	14.55 -0.01 0.00	9.53 -0.05 0.00	8.97 -0.03 0.00	8.65 -0.16 0.00	8.11 -0.20 0.00	6.71 -0.28 0.00	13.12 -0.74 0.00	19.82 -1.25 0.00	21.08 -1.34 0.00	28.40 -1.20 0.00	29.21 -1.24 0.00	22.85 -1.46 1.18	19.78 -1.23 0.00	19.20 -0.81 0.00
SENECA___ENERGY 23797	8.28 -0.10 0.00	7.54 -0.09 0.00	0.28 0.00 0.00	5.18 -0.04 0.00	5.75 -0.03 0.00	8.31 -0.05 0.00	17.32 -0.13 0.00	14.42 -0.22 0.00	11.77 -0.17 0.00	14.99 -0.18 0.00	14.40 -0.16 0.00	9.45 -0.13 0.00	8.90 -0.11 0.00	8.66 -0.16 0.00	8.14 -0.17 0.00	6.80 -0.20 0.00	13.40 -0.47 0.00	20.33 -0.74 0.00	21.61 -0.81 0.00	28.83 -0.77 0.00	29.74 -0.70 0.00	25.88 -0.75 0.00	20.41 -0.60 0.00	19.58 -0.43 0.00
SHOEMAKER___GT 23640	8.78 0.40 0.00	7.98 0.35 0.00	0.30 0.01 0.00	5.47 0.26 0.00	6.07 0.30 0.00	8.74 0.38 0.00	18.09 0.64 0.00	15.15 0.51 0.00	12.36 0.43 0.00	15.72 0.54 0.00	15.07 0.51 0.00	9.95 0.37 0.00	9.38 0.37 0.00	9.21 0.40 0.00	8.71 0.40 0.00	7.35 0.35 0.00	14.57 0.70 0.00	22.13 1.06 0.00	23.48 1.06 0.00	30.93 1.33 0.00	31.89 1.45 0.00	26.69 1.20 0.00	22.05 1.04 0.00	20.96 0.94 0.00
SHOEMAKR_138KV_BK 111 55601	8.78 0.40 0.00	7.98 0.35 0.00	0.30 0.01 0.00	5.47 0.26 0.00	6.07 0.30 0.00	8.74 0.38 0.00	18.09 0.64 0.00	15.16 0.52 0.00	12.38 0.44 0.00	15.73 0.56 0.00	15.10 0.53 0.00	9.97 0.38 0.00	9.39 0.39 0.00	9.22 0.41 0.00	8.73 0.42 0.00	7.36 0.37 0.00	14.59 0.73 0.00	22.17 1.09 0.00	23.51 1.09 0.00	30.94 1.34 0.00	31.89 1.45 0.00	26.69 1.20 0.00	22.05 1.04 0.00	20.96 0.95 0.00
SHOREHAM_IC_1 23715	12.23 0.85 -2.99	6.92 0.75 1.46	2.65 0.03 -2.33	10.60 0.56 -4.82	10.44 0.66 -4.01	13.73 0.88 -4.48	19.55 1.52 -0.59	14.08 1.04 1.61	6.47 0.93 6.41	15.93 1.24 0.49	13.55 1.19 2.20	-10.80 0.82 21.21	9.73 0.73 0.00	9.59 0.77 0.00	9.54 0.78 -0.44	13.63 0.72 -5.92	15.62 1.38 -0.37	23.11 2.03 0.00	24.44 2.02 0.00	34.98 3.03 -2.36	33.53 3.08 0.00	30.41 2.56 -2.35	27.56 2.24 -4.32	21.62 1.61 0.00
SHOREHAM_IC_2 23716	12.23 0.86 -2.99	6.93 0.75 1.46	2.65 0.03 -2.33	10.60 0.56 -4.82	10.44 0.66 -4.01	13.73 0.88 -4.48	19.56 1.52 -0.59	14.08 1.05 1.61	6.47 0.93 6.41	15.93 1.24 0.49	13.56 1.19 2.20	-10.81 0.82 21.21	9.73 0.73 0.00	9.59 0.77 0.00	9.54 0.78 -0.44	13.63 0.72 -5.92	15.62 1.38 -0.37	23.11 2.03 0.00	24.45 2.02 0.00	34.99 3.03 -2.36	33.53 3.08 0.00	30.41 2.56 -2.35	27.56 2.24 -4.32	21.62 1.61 0.00
SISSONVILLE____ 23735	8.21 -0.16 0.00	7.48 -0.15 0.00	0.28 -0.01 0.00	5.06 -0.16 0.00	5.57 -0.20 0.00	8.02 -0.35 0.00	16.78 -0.66 0.00	14.13 -0.52 0.00	11.51 -0.43 0.00	14.59 -0.59 0.00	14.01 -0.55 0.00	9.18 -0.40 0.00	8.56 -0.45 0.00	8.28 -0.54 0.00	7.80 -0.51 0.00	6.61 -0.38 0.00	13.24 -0.63 0.00	20.32 -0.76 0.00	21.76 -0.66 0.00	28.92 -0.68 0.00	29.89 -0.55 0.00	24.96 -0.53 0.00	20.34 -0.67 0.00	19.19 -0.83 0.00
SITHE_IND_GS1 24169	8.19 -0.18 0.00	7.47 -0.17 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.66 -0.11 0.00	8.19 -0.18 0.00	17.04 -0.40 0.00	14.24 -0.41 0.00	11.61 -0.33 0.00	14.76 -0.41 0.00	14.17 -0.39 0.00	9.32 -0.25 0.00	8.77 -0.24 0.00	8.58 -0.24 0.00	8.07 -0.24 0.00	6.75 -0.24 0.00	13.33 -0.53 0.00	20.25 -0.83 0.00	21.52 -0.90 0.00	28.44 -1.15 0.00	29.28 -1.17 0.00	24.46 -1.03 0.00	20.21 -0.80 0.00	19.32 -0.69 0.00
SITHE_IND_GS2 24170	8.19 -0.18 0.00	7.47 -0.17 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.66 -0.11 0.00	8.19 -0.18 0.00	17.04 -0.40 0.00	14.24 -0.41 0.00	11.61 -0.33 0.00	14.76 -0.41 0.00	14.17 -0.39 0.00	9.32 -0.25 0.00	8.77 -0.24 0.00	8.58 -0.24 0.00	8.07 -0.24 0.00	6.75 -0.24 0.00	13.33 -0.53 0.00	20.25 -0.83 0.00	21.52 -0.90 0.00	28.44 -1.15 0.00	29.28 -1.17 0.00	24.46 -1.03 0.00	20.21 -0.80 0.00	19.32 -0.69 0.00
SITHE_IND_GS3 24171	8.19 -0.18 0.00	7.47 -0.17 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.66 -0.11 0.00	8.19 -0.18 0.00	17.04 -0.40 0.00	14.24 -0.41 0.00	11.61 -0.33 0.00	14.76 -0.41 0.00	14.17 -0.39 0.00	9.32 -0.25 0.00	8.77 -0.24 0.00	8.58 -0.24 0.00	8.07 -0.24 0.00	6.75 -0.24 0.00	13.33 -0.53 0.00	20.25 -0.83 0.00	21.52 -0.90 0.00	28.44 -1.15 0.00	29.28 -1.17 0.00	24.46 -1.03 0.00	20.21 -0.80 0.00	19.32 -0.69 0.00
SITHE_IND_GS4 24172	8.19 -0.18 0.00	7.47 -0.17 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.66 -0.11 0.00	8.19 -0.18 0.00	17.04 -0.40 0.00	14.24 -0.41 0.00	11.61 -0.33 0.00	14.76 -0.41 0.00	14.17 -0.39 0.00	9.32 -0.25 0.00	8.77 -0.24 0.00	8.58 -0.24 0.00	8.07 -0.24 0.00	6.75 -0.24 0.00	13.33 -0.53 0.00	20.25 -0.83 0.00	21.52 -0.90 0.00	28.44 -1.15 0.00	29.28 -1.17 0.00	24.46 -1.03 0.00	20.21 -0.80 0.00	19.32 -0.69 0.00

SITHE___BATAVIA 24024	8.18 -0.20 0.00	7.48 -0.16 0.00	0.28 0.00 0.00	5.18 -0.04 0.00	5.73 -0.04 0.00	8.28 -0.08 0.00	17.35 -0.09 0.00	14.35 -0.29 0.00	11.77 -0.17 0.00	15.03 -0.15 0.00	14.48 -0.09 0.00	9.48 -0.10 0.00	8.95 -0.06 0.00	8.67 -0.14 0.00	8.13 -0.18 0.00	6.77 -0.22 0.00	13.44 -0.44 0.00	20.01 -1.07 0.00	21.45 -0.97 0.00	29.00 -0.60 0.00	29.85 -0.59 0.00	23.93 -0.82 0.74	20.21 -0.80 0.00	19.56 -0.45 0.00
SITHE___INDEPEND 23800	8.19 -0.18 0.00	7.47 -0.17 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.66 -0.11 0.00	8.19 -0.18 0.00	17.05 -0.40 0.00	14.24 -0.41 0.00	11.61 -0.33 0.00	14.76 -0.41 0.00	14.17 -0.39 0.00	9.32 -0.26 0.00	8.77 -0.24 0.00	8.57 -0.24 0.00	8.07 -0.25 0.00	6.75 -0.24 0.00	13.33 -0.53 0.00	20.25 -0.83 0.00	21.52 -0.90 0.00	28.44 -1.15 0.00	29.28 -1.17 0.00	24.46 -1.03 0.00	20.21 -0.79 0.00	19.33 -0.68 0.00
SITHE___MASSENA 23902	8.27 -0.11 0.00	7.54 -0.09 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.65 -0.12 0.00	8.23 -0.13 0.00	17.27 -0.18 0.00	14.56 -0.09 0.00	11.89 -0.05 0.00	15.12 -0.05 0.00	14.53 -0.04 0.00	9.52 -0.06 0.00	8.91 -0.09 0.00	8.71 -0.10 0.00	8.21 -0.10 0.00	6.95 -0.05 0.00	13.87 0.00 0.00	21.12 0.04 0.00	22.53 0.11 0.00	29.87 0.27 0.00	30.75 0.30 0.00	25.71 0.21 0.00	21.02 0.01 0.00	19.91 -0.10 0.00
SITHE___OGDNSBRG 24021	8.34 -0.03 0.00	7.60 -0.03 0.00	0.28 -0.01 0.00	5.15 -0.07 0.00	5.69 -0.09 0.00	8.32 -0.05 0.00	17.44 -0.01 0.00	14.58 -0.06 0.00	11.85 -0.09 0.00	15.06 -0.12 0.00	14.44 -0.12 0.00	9.46 -0.12 0.00	8.84 -0.16 0.00	8.62 -0.19 0.00	8.13 -0.18 0.00	6.89 -0.10 0.00	13.82 -0.05 0.00	21.19 0.11 0.00	22.59 0.17 0.00	30.10 0.50 0.00	31.23 0.78 0.00	26.15 0.66 0.00	21.29 0.28 0.00	20.11 0.10 0.00
SITHE___STERLING 23777	8.61 0.23 0.00	7.83 0.20 0.00	0.30 0.01 0.00	5.36 0.14 0.00	5.93 0.16 0.00	8.56 0.19 0.00	17.79 0.34 0.00	14.82 0.18 0.00	12.03 0.09 0.00	15.22 0.04 0.00	14.59 0.02 0.00	9.60 0.02 0.00	9.00 -0.01 0.00	8.81 -0.01 0.00	8.28 -0.03 0.00	6.95 -0.04 0.00	13.81 -0.06 0.00	21.16 0.08 0.00	22.65 0.23 0.00	30.09 0.49 0.00	31.06 0.61 0.00	25.92 0.43 0.00	21.33 0.33 0.00	20.31 0.30 0.00
SLEIGHT__34_KV_TB1 80719	8.20 -0.18 0.00	7.48 -0.15 0.00	0.28 -0.01 0.00	5.15 -0.07 0.00	5.70 -0.07 0.00	8.24 -0.13 0.00	17.20 -0.25 0.00	14.31 -0.34 0.00	11.69 -0.25 0.00	14.89 -0.29 0.00	14.32 -0.24 0.00	9.40 -0.18 0.00	8.84 -0.16 0.00	8.63 -0.18 0.00	8.11 -0.21 0.00	6.76 -0.23 0.00	13.32 -0.55 0.00	20.28 -0.80 0.00	21.60 -0.82 0.00	28.79 -0.81 0.00	29.65 -0.80 0.00	24.98 -0.86 -0.35	20.26 -0.75 0.00	19.42 -0.59 0.00
SMITHTWN_69_KV_BK 1 55830	12.44 0.92 -3.15	7.08 0.80 1.36	2.76 0.03 -2.44	10.77 0.58 -4.97	10.58 0.67 -4.13	13.94 0.91 -4.67	19.89 1.66 -0.78	14.42 1.24 1.46	7.03 1.10 6.01	16.35 1.45 0.28	13.94 1.36 1.99	-9.68 0.93 20.19	9.85 0.84 0.00	9.70 0.89 0.00	9.65 0.89 -0.45	13.74 0.81 -5.94	15.84 1.60 -0.37	23.44 2.36 0.00	24.77 2.35 0.00	35.25 3.29 -2.36	33.78 3.33 0.00	30.60 2.75 -2.36	27.72 2.38 -4.33	21.87 1.86 0.00
SOUTH CAIRO___GT 23612	8.88 0.51 0.00	8.09 0.46 0.00	0.31 0.02 0.00	5.53 0.31 0.00	6.14 0.36 0.00	8.87 0.50 0.00	18.32 0.87 0.00	15.32 0.67 0.00	12.49 0.55 0.00	15.68 0.50 0.00	14.97 0.40 0.00	9.85 0.27 0.00	9.28 0.27 0.00	9.12 0.31 0.00	8.55 0.24 0.00	7.17 0.18 0.00	14.28 0.41 0.00	21.82 0.75 0.00	23.36 0.94 0.00	31.05 1.45 0.00	32.12 1.68 0.00	26.86 1.37 0.00	22.16 1.15 0.00	21.04 1.03 0.00
SOUTH HAMPTN___IC 23720	12.15 0.84 -2.93	6.87 0.73 1.50	2.61 0.04 -2.29	10.60 0.61 -4.77	10.48 0.74 -3.97	13.77 1.00 -4.41	19.73 1.77 -0.51	14.25 1.27 1.67	6.51 1.14 6.56	16.14 1.53 0.56	13.74 1.45 2.28	-11.03 0.99 21.60	9.86 0.86 0.00	9.72 0.91 0.00	9.65 0.90 -0.44	13.71 0.80 -5.91	15.68 1.45 -0.37	23.23 2.15 0.00	24.63 2.21 0.00	35.26 3.31 -2.35	33.87 3.42 0.00	30.64 2.80 -2.35	27.74 2.42 -4.31	21.74 1.73 0.00
SOUTHDOW_115KV_TB1 355954	8.29 -0.09 0.00	7.61 -0.02 0.00	0.29 0.01 0.00	5.33 0.11 0.00	5.91 0.13 0.00	8.50 0.13 0.00	17.57 0.12 0.00	14.61 -0.04 0.00	12.18 0.24 0.00	15.77 0.59 0.00	15.23 0.66 0.00	9.95 0.37 0.00	9.33 0.32 0.00	8.90 0.08 0.00	8.31 0.00 0.00	6.86 -0.13 0.00	13.38 -0.48 0.00	20.27 -0.80 0.00	21.66 -0.76 0.00	29.25 -0.35 0.00	30.00 -0.44 0.00	23.23 -0.84 1.42	20.28 -0.73 0.00	19.65 -0.36 0.00
SOUTHOLD_69_KV_BK 2 55809	12.08 0.76 -2.93	6.79 0.65 1.50	2.62 0.04 -2.29	10.62 0.63 -4.77	10.53 0.78 -3.97	13.83 1.06 -4.41	19.87 1.91 -0.51	14.36 1.38 1.67	6.63 1.25 6.55	16.31 1.70 0.56	13.90 1.60 2.28	-10.93 1.08 21.58	9.92 0.92 0.00	9.79 0.97 0.00	9.70 0.94 -0.44	13.73 0.82 -5.91	15.60 1.36 -0.37	23.11 2.03 0.00	24.58 2.16 0.00	35.28 3.33 -2.35	33.94 3.49 0.00	30.71 2.87 -2.35	27.77 2.46 -4.31	21.68 1.67 0.00
SOUTHOLD___IC 23719	12.07 0.76 -2.93	6.79 0.65 1.50	2.62 0.04 -2.29	10.62 0.63 -4.77	10.53 0.79 -3.97	13.84 1.06 -4.41	19.87 1.91 -0.51	14.36 1.38 1.67	6.63 1.25 6.55	16.31 1.70 0.56	13.89 1.60 2.28	-10.92 1.08 21.58	9.92 0.92 0.00	9.78 0.97 0.00	9.70 0.94 -0.44	13.72 0.82 -5.91	15.60 1.36 -0.37	23.10 2.03 0.00	24.58 2.16 0.00	35.28 3.33 -2.35	33.95 3.50 0.00	30.70 2.86 -2.35	27.77 2.46 -4.31	21.68 1.67 0.00
SOUTH_FORK_WT_PWR 323839	11.96 0.65 -2.93	6.67 0.53 1.50	2.62 0.04 -2.29	10.60 0.62 -4.77	10.54 0.79 -3.97	13.84 1.07 -4.41	19.87 1.91 -0.51	14.36 1.38 1.67	6.64 1.26 6.56	16.35 1.74 0.56	13.93 1.64 2.28	-10.91 1.10 21.59	9.92 0.92 0.00	9.78 0.97 0.00	9.69 0.93 -0.44	13.70 0.79 -5.91	15.43 1.19 -0.37	22.85 1.77 0.00	24.36 1.94 0.00	35.08 3.13 -2.35	33.79 3.34 0.00	30.57 2.73 -2.35	27.66 2.34 -4.31	21.49 1.48 0.00
SPIERFLS_115KV_TB 1 80737	8.91 0.53 0.00	8.10 0.47 0.00	0.30 0.01 0.00	5.54 0.32 0.00	6.16 0.39 0.00	8.95 0.58 0.00	18.61 1.16 0.00	15.53 0.89 0.00	12.51 0.57 0.00	15.75 0.58 0.00	15.09 0.52 0.00	9.96 0.37 0.00	9.37 0.37 0.00	9.12 0.31 0.00	8.59 0.28 0.00	7.21 0.22 0.00	14.40 0.54 0.00	22.02 0.94 0.00	23.51 1.09 0.00	31.05 1.45 0.00	32.01 1.56 0.00	26.71 1.22 0.00	22.09 1.08 0.00	21.00 0.98 0.00
ST LAWRENCE____ 23600	8.20 -0.17 0.00	7.48 -0.15 0.00	0.28 -0.01 0.00	5.08 -0.14 0.00	5.61 -0.16 0.00	8.18 -0.19 0.00	17.14 -0.30 0.00	14.46 -0.18 0.00	11.80 -0.14 0.00	15.02 -0.16 0.00	14.42 -0.15 0.00	9.46 -0.12 0.00	8.85 -0.15 0.00	8.66 -0.15 0.00	8.17 -0.14 0.00	6.91 -0.09 0.00	13.77 -0.10 0.00	20.95 -0.13 0.00	22.35 -0.07 0.00	29.60 0.00 0.00	30.43 -0.01 0.00	25.45 -0.04 0.00	20.83 -0.18 0.00	19.78 -0.23 0.00

STATE_CA_115KV_115_LB 55624	8.66 0.28 0.00	7.89 0.26 0.00	0.30 0.01 0.00	5.40 0.18 0.00	5.98 0.21 0.00	8.62 0.25 0.00	17.77 0.32 0.00	14.86 0.22 0.00	12.08 0.14 0.00	15.32 0.14 0.00	14.68 0.11 0.00	9.67 0.09 0.00	9.11 0.11 0.00	8.94 0.12 0.00	8.43 0.12 0.00	7.11 0.11 0.00	14.08 0.22 0.00	21.39 0.31 0.00	22.74 0.32 0.00	29.95 0.35 0.00	30.84 0.39 0.00	25.81 0.32 0.00	21.38 0.37 0.00	20.35 0.34 0.00
STATE_ST_34_KV_LOAD 55959	8.38 0.01 0.00	7.64 0.01 0.00	0.29 0.00 0.00	5.24 0.03 0.00	5.81 0.03 0.00	8.40 0.03 0.00	17.49 0.04 0.00	14.57 -0.07 0.00	11.89 -0.05 0.00	15.11 -0.07 0.00	14.49 -0.07 0.00	9.52 -0.06 0.00	8.96 -0.04 0.00	8.75 -0.07 0.00	8.22 -0.09 0.00	6.88 -0.11 0.00	13.60 -0.27 0.00	20.68 -0.40 0.00	21.92 -0.50 0.00	29.23 -0.37 0.00	30.14 -0.30 0.00	27.74 -0.37 -2.61	20.74 -0.27 0.00	19.83 -0.18 0.00
STATION_5_MISC_HYD 23604	8.19 -0.19 0.00	7.48 -0.16 0.00	0.28 0.00 0.00	5.16 -0.06 0.00	5.71 -0.07 0.00	8.24 -0.12 0.00	17.21 -0.24 0.00	14.30 -0.35 0.00	11.74 -0.20 0.00	15.02 -0.16 0.00	14.48 -0.09 0.00	9.50 -0.08 0.00	8.94 -0.06 0.00	8.70 -0.11 0.00	8.18 -0.13 0.00	6.80 -0.20 0.00	13.35 -0.52 0.00	20.27 -0.80 0.00	21.61 -0.82 0.00	28.84 -0.76 0.00	29.64 -0.81 0.00	24.12 -0.92 0.46	20.20 -0.81 0.00	19.42 -0.59 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	8.23 -0.14 0.00	7.51 -0.12 0.00	0.28 0.00 0.00	5.17 -0.05 0.00	5.73 -0.05 0.00	8.28 -0.09 0.00	17.27 -0.18 0.00	14.37 -0.27 0.00	11.75 -0.19 0.00	14.99 -0.19 0.00	14.41 -0.16 0.00	9.46 -0.12 0.00	8.90 -0.11 0.00	8.65 -0.16 0.00	8.14 -0.17 0.00	6.78 -0.21 0.00	13.35 -0.52 0.00	20.30 -0.78 0.00	21.63 -0.79 0.00	28.87 -0.73 0.00	29.74 -0.71 0.00	24.30 -0.82 0.37	20.32 -0.69 0.00	19.51 -0.50 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	8.15 -0.23 0.00	7.44 -0.19 0.00	0.28 -0.01 0.00	5.13 -0.09 0.00	5.68 -0.09 0.00	8.20 -0.16 0.00	17.12 -0.32 0.00	14.24 -0.41 0.00	11.68 -0.26 0.00	14.94 -0.24 0.00	14.40 -0.17 0.00	9.45 -0.13 0.00	8.89 -0.11 0.00	8.65 -0.16 0.00	8.13 -0.18 0.00	6.77 -0.23 0.00	13.29 -0.58 0.00	20.20 -0.88 0.00	21.53 -0.89 0.00	28.72 -0.88 0.00	29.54 -0.91 0.00	24.06 -1.02 0.41	20.12 -0.89 0.00	19.34 -0.67 0.00
STA_56___34_KV_BUS2 355983	8.15 -0.23 0.00	7.44 -0.19 0.00	0.28 -0.01 0.00	5.13 -0.09 0.00	5.68 -0.09 0.00	8.20 -0.16 0.00	17.12 -0.32 0.00	14.24 -0.41 0.00	11.68 -0.26 0.00	14.94 -0.24 0.00	14.40 -0.17 0.00	9.45 -0.13 0.00	8.89 -0.11 0.00	8.65 -0.16 0.00	8.13 -0.18 0.00	6.77 -0.23 0.00	13.29 -0.58 0.00	20.20 -0.88 0.00	21.53 -0.89 0.00	28.72 -0.88 0.00	29.54 -0.91 0.00	24.06 -1.02 0.41	20.12 -0.89 0.00	19.34 -0.67 0.00
STA_67___115KV_BK2 355882	8.17 -0.20 0.00	7.46 -0.17 0.00	0.28 -0.01 0.00	5.15 -0.07 0.00	5.70 -0.08 0.00	8.23 -0.14 0.00	17.17 -0.27 0.00	14.27 -0.37 0.00	11.72 -0.22 0.00	14.99 -0.18 0.00	14.45 -0.12 0.00	9.49 -0.10 0.00	8.92 -0.08 0.00	8.68 -0.13 0.00	8.15 -0.16 0.00	6.79 -0.21 0.00	13.32 -0.55 0.00	20.22 -0.85 0.00	21.55 -0.87 0.00	28.76 -0.83 0.00	29.60 -0.85 0.00	24.05 -0.98 0.46	20.15 -0.86 0.00	19.39 -0.63 0.00
STA_7___115KV_9TRANS 80674	8.22 -0.15 0.00	7.51 -0.13 0.00	0.28 0.00 0.00	5.18 -0.04 0.00	5.73 -0.05 0.00	8.28 -0.09 0.00	17.28 -0.17 0.00	14.35 -0.29 0.00	11.79 -0.15 0.00	15.08 -0.10 0.00	14.53 -0.04 0.00	9.53 -0.05 0.00	8.97 -0.03 0.00	8.73 -0.09 0.00	8.20 -0.11 0.00	6.82 -0.17 0.00	13.39 -0.48 0.00	20.36 -0.72 0.00	21.71 -0.71 0.00	28.98 -0.62 0.00	29.80 -0.64 0.00	24.23 -0.81 0.46	20.29 -0.73 0.00	19.50 -0.51 0.00
STA_82___115KV_TB1 80780	8.17 -0.20 0.00	7.47 -0.17 0.00	0.28 -0.01 0.00	5.15 -0.07 0.00	5.70 -0.07 0.00	8.23 -0.14 0.00	17.18 -0.27 0.00	14.27 -0.37 0.00	11.72 -0.22 0.00	14.99 -0.19 0.00	14.45 -0.12 0.00	9.49 -0.10 0.00	8.92 -0.08 0.00	8.68 -0.13 0.00	8.15 -0.16 0.00	6.79 -0.21 0.00	13.32 -0.54 0.00	20.23 -0.85 0.00	21.56 -0.87 0.00	28.78 -0.82 0.00	29.61 -0.84 0.00	24.06 -0.97 0.45	20.16 -0.85 0.00	19.39 -0.62 0.00
STEEL___WIND 323596	8.06 -0.31 0.00	7.38 -0.25 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.67 -0.11 0.00	8.16 -0.21 0.00	16.99 -0.45 0.00	14.08 -0.56 0.00	11.68 -0.26 0.00	15.05 -0.13 0.00	14.53 -0.03 0.00	9.52 -0.06 0.00	8.96 -0.04 0.00	8.64 -0.17 0.00	8.11 -0.20 0.00	6.70 -0.29 0.00	13.10 -0.77 0.00	19.80 -1.27 0.00	21.05 -1.37 0.00	28.35 -1.25 0.00	29.15 -1.30 0.00	22.83 -1.48 1.18	19.75 -1.26 0.00	19.16 -0.85 0.00
STEPHTWN_115KV_BK_2 55603	8.71 0.33 0.00	7.93 0.29 0.00	0.30 0.02 0.00	5.42 0.20 0.00	6.01 0.23 0.00	8.67 0.30 0.00	17.87 0.42 0.00	14.94 0.30 0.00	12.16 0.22 0.00	15.42 0.25 0.00	14.76 0.19 0.00	9.72 0.13 0.00	9.16 0.16 0.00	9.00 0.18 0.00	8.49 0.17 0.00	7.15 0.15 0.00	14.21 0.34 0.00	21.61 0.54 0.00	22.97 0.55 0.00	30.24 0.64 0.00	31.16 0.71 0.00	26.00 0.51 0.00	21.56 0.55 0.00	20.47 0.46 0.00
STEUBEN_REC_LFGE 323667	8.23 -0.14 0.00	7.58 -0.06 0.00	0.28 -0.01 0.00	5.22 0.00 0.00	5.79 0.02 0.00	8.32 -0.05 0.00	17.33 -0.11 0.00	14.30 -0.34 0.00	11.77 -0.16 0.00	15.11 -0.07 0.00	14.39 -0.18 0.00	9.38 -0.20 0.00	8.85 -0.15 0.00	8.54 -0.28 0.00	7.97 -0.34 0.00	6.57 -0.43 0.00	12.94 -0.93 0.00	19.39 -1.69 0.00	20.50 -1.91 0.00	28.15 -1.45 0.00	29.43 -1.02 0.00	20.11 -1.11 4.27	20.14 -0.86 0.00	19.59 -0.42 0.00
STILLWATER___SOLAR 323814	8.81 0.44 0.00	8.02 0.39 0.00	0.30 0.01 0.00	5.48 0.26 0.00	6.09 0.31 0.00	8.82 0.45 0.00	18.29 0.85 0.00	15.27 0.62 0.00	12.33 0.39 0.00	15.58 0.41 0.00	14.93 0.37 0.00	9.83 0.25 0.00	9.25 0.25 0.00	9.06 0.25 0.00	8.54 0.23 0.00	7.19 0.19 0.00	14.33 0.47 0.00	21.89 0.81 0.00	23.38 0.96 0.00	30.85 1.25 0.00	31.81 1.36 0.00	26.55 1.05 0.00	21.97 0.96 0.00	20.90 0.89 0.00
STONY___BROOK 24151	12.38 0.89 -3.11	7.02 0.78 1.39	2.73 0.03 -2.41	10.72 0.57 -4.93	10.53 0.66 -4.10	13.87 0.89 -4.62	19.79 1.60 -0.73	14.34 1.20 1.50	6.89 1.06 6.11	16.25 1.41 0.33	13.84 1.32 2.04	-9.96 0.91 20.44	9.82 0.82 0.00	9.68 0.86 0.00	9.63 0.87 -0.45	13.71 0.79 -5.93	15.78 1.55 -0.37	23.34 2.27 0.00	24.66 2.24 0.00	35.10 3.14 -2.36	33.63 3.19 0.00	30.49 2.63 -2.36	27.63 2.29 -4.32	21.82 1.81 0.00
STURGEON_POOL_HYD 23609	8.93 0.56 0.00	8.12 0.48 0.00	0.31 0.02 0.00	5.56 0.34 0.00	6.17 0.40 0.00	8.88 0.52 0.00	18.41 0.96 0.00	15.52 0.87 0.00	12.80 0.87 0.00	16.25 1.08 0.00	15.59 1.02 0.00	10.28 0.70 0.00	9.70 0.69 0.00	9.53 0.71 0.00	9.02 0.71 0.00	7.63 0.64 0.00	15.16 1.30 0.00	23.06 1.98 0.00	24.43 2.01 0.00	32.14 2.55 0.00	33.13 2.69 0.00	27.70 2.20 0.00	22.82 1.82 0.00	21.66 1.65 0.00

ST_LAW_115_BK7_LBMP 345037	8.19 -0.19 0.00	7.47 -0.16 0.00	0.28 -0.01 0.00	5.07 -0.15 0.00	5.60 -0.17 0.00	8.17 -0.20 0.00	17.13 -0.32 0.00	14.45 -0.19 0.00	11.79 -0.15 0.00	15.01 -0.17 0.00	14.41 -0.16 0.00	9.45 -0.13 0.00	8.84 -0.16 0.00	8.65 -0.16 0.00	8.16 -0.15 0.00	6.90 -0.09 0.00	13.76 -0.10 0.00	20.95 -0.13 0.00	22.35 -0.08 0.00	29.60 0.00 0.00	30.44 -0.01 0.00	25.45 -0.04 0.00	20.82 -0.18 0.00	19.76 -0.25 0.00
ST_LAW_115_BK8_LBMP 345038	8.19 -0.19 0.00	7.47 -0.16 0.00	0.28 -0.01 0.00	5.07 -0.15 0.00	5.60 -0.17 0.00	8.17 -0.20 0.00	17.13 -0.32 0.00	14.45 -0.19 0.00	11.79 -0.15 0.00	15.01 -0.17 0.00	14.41 -0.16 0.00	9.45 -0.13 0.00	8.84 -0.16 0.00	8.65 -0.16 0.00	8.16 -0.15 0.00	6.90 -0.09 0.00	13.76 -0.10 0.00	20.95 -0.13 0.00	22.35 -0.08 0.00	29.60 0.00 0.00	30.44 -0.01 0.00	25.45 -0.04 0.00	20.82 -0.18 0.00	19.76 -0.25 0.00
ST_LAW_230_BK5_LBMP 345035	8.20 -0.17 0.00	7.48 -0.15 0.00	0.28 -0.01 0.00	5.08 -0.14 0.00	5.61 -0.16 0.00	8.18 -0.19 0.00	17.14 -0.30 0.00	14.46 -0.18 0.00	11.80 -0.14 0.00	15.02 -0.16 0.00	14.42 -0.15 0.00	9.46 -0.12 0.00	8.85 -0.15 0.00	8.66 -0.15 0.00	8.17 -0.14 0.00	6.91 -0.09 0.00	13.77 -0.10 0.00	20.95 -0.13 0.00	22.35 -0.07 0.00	29.60 0.00 0.00	30.43 -0.01 0.00	25.45 -0.04 0.00	20.83 -0.18 0.00	19.78 -0.23 0.00
ST_LAW_230_BK6_LBMP 345036	8.20 -0.17 0.00	7.48 -0.15 0.00	0.28 -0.01 0.00	5.08 -0.14 0.00	5.61 -0.16 0.00	8.18 -0.19 0.00	17.14 -0.30 0.00	14.46 -0.18 0.00	11.80 -0.14 0.00	15.02 -0.16 0.00	14.42 -0.15 0.00	9.46 -0.12 0.00	8.85 -0.15 0.00	8.66 -0.15 0.00	8.17 -0.14 0.00	6.91 -0.09 0.00	13.77 -0.10 0.00	20.95 -0.13 0.00	22.35 -0.07 0.00	29.60 0.00 0.00	30.43 -0.01 0.00	25.45 -0.04 0.00	20.83 -0.18 0.00	19.78 -0.23 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	8.83 0.45 0.00	8.03 0.39 0.00	0.30 0.01 0.00	5.50 0.28 0.00	6.11 0.33 0.00	8.79 0.42 0.00	18.19 0.74 0.00	15.29 0.65 0.00	12.50 0.57 0.00	15.90 0.73 0.00	15.27 0.70 0.00	10.08 0.50 0.00	9.50 0.50 0.00	9.34 0.53 0.00	8.84 0.53 0.00	7.46 0.47 0.00	14.80 0.93 0.00	22.45 1.37 0.00	23.76 1.34 0.00	31.23 1.64 0.00	32.19 1.75 0.00	26.93 1.44 0.00	22.24 1.23 0.00	21.14 1.13 0.00
SWANROAD_115KV_TB1 355699	7.81 -0.57 0.00	7.15 -0.49 0.00	0.27 -0.02 0.00	4.97 -0.25 0.00	5.49 -0.29 0.00	7.91 -0.46 0.00	16.54 -0.91 0.00	13.69 -0.95 0.00	11.35 -0.59 0.00	14.60 -0.58 0.00	14.10 -0.47 0.00	9.25 -0.33 0.00	8.72 -0.29 0.00	8.42 -0.39 0.00	7.90 -0.41 0.00	6.54 -0.45 0.00	12.79 -1.07 0.00	19.27 -1.81 0.00	20.48 -1.94 0.00	27.52 -2.08 0.00	28.35 -2.10 0.00	22.35 -2.19 0.96	19.13 -1.88 0.00	18.68 -1.33 0.00
SYNERGY___BIOGAS 323694	8.18 -0.20 0.00	7.48 -0.16 0.00	0.28 0.00 0.00	5.18 -0.04 0.00	5.73 -0.04 0.00	8.28 -0.08 0.00	17.36 -0.09 0.00	14.35 -0.29 0.00	11.77 -0.17 0.00	15.02 -0.15 0.00	14.48 -0.09 0.00	9.49 -0.10 0.00	8.95 -0.06 0.00	8.67 -0.15 0.00	8.12 -0.19 0.00	6.77 -0.22 0.00	13.43 -0.44 0.00	20.00 -1.07 0.00	21.45 -0.97 0.00	29.00 -0.59 0.00	29.88 -0.57 0.00	23.91 -0.84 0.74	20.21 -0.80 0.00	19.56 -0.45 0.00
SYRACUSE___ENERGY_ST1 323597	8.37 -0.01 0.00	7.62 -0.01 0.00	0.29 0.00 0.00	5.23 0.01 0.00	5.79 0.02 0.00	8.37 0.00 0.00	17.42 -0.03 0.00	14.54 -0.10 0.00	11.85 -0.09 0.00	15.06 -0.12 0.00	14.46 -0.11 0.00	9.51 -0.08 0.00	8.95 -0.06 0.00	8.75 -0.07 0.00	8.22 -0.09 0.00	6.89 -0.11 0.00	13.62 -0.25 0.00	20.69 -0.39 0.00	21.97 -0.45 0.00	29.10 -0.50 0.00	29.96 -0.49 0.00	25.89 -0.49 -0.88	20.64 -0.37 0.00	19.74 -0.27 0.00
SYRACUSE___ENERGY_ST2 323598	8.37 -0.01 0.00	7.62 -0.01 0.00	0.29 0.00 0.00	5.23 0.01 0.00	5.79 0.02 0.00	8.37 0.00 0.00	17.42 -0.03 0.00	14.54 -0.10 0.00	11.85 -0.09 0.00	15.06 -0.12 0.00	14.46 -0.11 0.00	9.51 -0.08 0.00	8.95 -0.06 0.00	8.75 -0.07 0.00	8.22 -0.09 0.00	6.89 -0.11 0.00	13.62 -0.25 0.00	20.69 -0.39 0.00	21.97 -0.45 0.00	29.10 -0.50 0.00	29.96 -0.49 0.00	25.89 -0.49 -0.88	20.64 -0.37 0.00	19.74 -0.27 0.00
SYRACUSE___POWER 24017	8.40 0.03 0.00	7.65 0.02 0.00	0.29 0.00 0.00	5.25 0.03 0.00	5.81 0.04 0.00	8.40 0.03 0.00	17.46 0.02 0.00	14.56 -0.09 0.00	11.87 -0.07 0.00	15.10 -0.07 0.00	14.50 -0.07 0.00	9.54 -0.04 0.00	8.97 -0.03 0.00	8.77 -0.04 0.00	8.25 -0.06 0.00	6.91 -0.08 0.00	13.66 -0.20 0.00	20.74 -0.33 0.00	21.99 -0.44 0.00	29.12 -0.48 0.00	29.98 -0.47 0.00	25.53 -0.47 -0.50	20.67 -0.34 0.00	19.77 -0.23 0.00
TALLMAN__138KV_BK151 55660	8.88 0.50 0.00	8.07 0.44 0.00	0.30 0.02 0.00	5.53 0.31 0.00	6.14 0.36 0.00	8.83 0.46 0.00	18.30 0.85 0.00	15.38 0.74 0.00	12.59 0.66 0.00	16.03 0.85 0.00	15.40 0.83 0.00	10.17 0.59 0.00	9.60 0.59 0.00	9.43 0.61 0.00	8.93 0.62 0.00	7.54 0.55 0.00	14.95 1.08 0.00	22.65 1.58 0.00	23.93 1.51 0.00	31.45 1.85 0.00	32.41 1.96 0.00	27.11 1.62 0.00	22.39 1.38 0.00	21.28 1.27 0.00
TEALLAVE_115KV_TB7 355573	8.37 -0.01 0.00	7.62 -0.01 0.00	0.29 0.00 0.00	5.23 0.01 0.00	5.79 0.02 0.00	8.36 0.00 0.00	17.40 -0.05 0.00	14.51 -0.13 0.00	11.84 -0.10 0.00	15.06 -0.12 0.00	14.46 -0.11 0.00	9.51 -0.07 0.00	8.95 -0.06 0.00	8.76 -0.06 0.00	8.23 -0.08 0.00	6.89 -0.10 0.00	13.62 -0.25 0.00	20.66 -0.42 0.00	21.91 -0.51 0.00	29.00 -0.60 0.00	29.86 -0.59 0.00	25.31 -0.57 -0.39	20.59 -0.42 0.00	19.71 -0.30 0.00
TELGRAPH_34_KV_EAST 80808	8.01 -0.36 0.00	7.33 -0.31 0.00	0.28 -0.01 0.00	5.08 -0.14 0.00	5.62 -0.15 0.00	8.11 -0.26 0.00	16.96 -0.49 0.00	14.04 -0.60 0.00	11.59 -0.35 0.00	14.86 -0.32 0.00	14.34 -0.23 0.00	9.40 -0.18 0.00	8.86 -0.14 0.00	8.58 -0.24 0.00	8.04 -0.27 0.00	6.69 -0.31 0.00	13.20 -0.67 0.00	19.71 -1.36 0.00	21.00 -1.42 0.00	28.30 -1.30 0.00	29.14 -1.31 0.00	23.15 -1.50 0.85	19.69 -1.31 0.00	19.13 -0.88 0.00
TEMPLE___115KV_TB 2 55572	8.37 -0.01 0.00	7.62 -0.01 0.00	0.29 0.00 0.00	5.23 0.01 0.00	5.79 0.02 0.00	8.37 0.00 0.00	17.40 -0.05 0.00	14.52 -0.12 0.00	11.85 -0.09 0.00	15.06 -0.12 0.00	14.47 -0.10 0.00	9.52 -0.06 0.00	8.95 -0.05 0.00	8.76 -0.06 0.00	8.23 -0.08 0.00	6.90 -0.10 0.00	13.63 -0.24 0.00	20.67 -0.41 0.00	21.92 -0.51 0.00	29.01 -0.59 0.00	29.87 -0.58 0.00	25.30 -0.56 -0.38	20.59 -0.42 0.00	19.71 -0.30 0.00
TIANA____69_KV_BK 1 55817	12.18 0.86 -2.93	6.89 0.75 1.50	2.61 0.04 -2.29	10.59 0.60 -4.77	10.46 0.72 -3.97	13.74 0.97 -4.41	19.68 1.72 -0.51	14.21 1.23 1.67	6.48 1.09 6.56	16.08 1.47 0.56	13.69 1.40 2.28	-11.06 0.95 21.58	9.83 0.83 0.00	9.70 0.88 0.00	9.63 0.88 -0.44	13.70 0.79 -5.91	15.69 1.46 -0.37	23.24 2.17 0.00	24.62 2.20 0.00	35.23 3.28 -2.35	33.81 3.36 0.00	30.61 2.77 -2.35	27.71 2.39 -4.31	21.75 1.74 0.00

TILDEN___115KV_TB1 80814	8.40 0.03 0.00	7.65 0.02 0.00	0.29 0.00 0.00	5.25 0.03 0.00	5.81 0.04 0.00	8.40 0.03 0.00	17.46 0.02 0.00	14.56 -0.09 0.00	11.87 -0.07 0.00	15.10 -0.07 0.00	14.50 -0.07 0.00	9.54 -0.04 0.00	8.97 -0.03 0.00	8.77 -0.04 0.00	8.25 -0.06 0.00	6.91 -0.08 0.00	13.66 -0.20 0.00	20.74 -0.33 0.00	21.99 -0.44 0.00	29.12 -0.48 0.00	29.98 -0.47 0.00	25.53 -0.47 -0.50	20.67 -0.34 0.00	19.77 -0.23 0.00
TRIGEN___CC 323695	48.17 0.71 -39.08	27.35 0.63 -19.08	26.31 0.02 -26.00	43.26 0.45 -37.59	37.77 0.51 -31.48	58.12 0.68 -49.08	64.37 1.24 -45.68	48.59 0.97 -32.97	92.09 0.89 -79.25	63.72 1.19 -47.35	61.91 1.13 -46.21	205.02 0.78 -194.66	9.74 0.73 0.00	9.59 0.77 0.00	9.87 0.77 -0.79	18.14 0.69 -10.46	15.84 1.33 -0.65	22.98 1.91 0.00	24.23 1.81 0.00	36.15 2.39 -4.16	32.86 2.42 0.00	31.68 2.03 -4.16	30.40 1.77 -7.63	21.52 1.52 0.00
TRINITY___115KV___4 BK 55933	8.63 0.25 0.00	7.87 0.23 0.00	0.30 0.01 0.00	5.38 0.16 0.00	5.96 0.19 0.00	8.59 0.23 0.00	17.70 0.25 0.00	14.81 0.17 0.00	12.04 0.10 0.00	15.26 0.09 0.00	14.63 0.06 0.00	9.64 0.06 0.00	9.08 0.07 0.00	8.91 0.09 0.00	8.40 0.09 0.00	7.08 0.08 0.00	14.03 0.16 0.00	21.29 0.22 0.00	22.64 0.22 0.00	29.79 0.20 0.00	30.69 0.24 0.00	25.69 0.20 0.00	21.30 0.29 0.00	20.27 0.26 0.00
UNION___PROCESSING_DRP 323587	8.18 -0.20 0.00	7.47 -0.17 0.00	0.28 -0.01 0.00	5.15 -0.07 0.00	5.70 -0.07 0.00	8.23 -0.14 0.00	17.18 -0.27 0.00	14.28 -0.37 0.00	11.72 -0.22 0.00	14.99 -0.18 0.00	14.45 -0.12 0.00	9.49 -0.10 0.00	8.93 -0.08 0.00	8.68 -0.13 0.00	8.15 -0.16 0.00	6.79 -0.21 0.00	13.33 -0.54 0.00	20.23 -0.84 0.00	21.56 -0.86 0.00	28.79 -0.81 0.00	29.61 -0.84 0.00	24.07 -0.97 0.45	20.16 -0.84 0.00	19.40 -0.61 0.00
UPPER HUDSON___HYD 24058	8.91 0.53 0.00	8.10 0.47 0.00	0.30 0.01 0.00	5.54 0.32 0.00	6.16 0.39 0.00	8.95 0.58 0.00	18.61 1.16 0.00	15.53 0.89 0.00	12.51 0.57 0.00	15.75 0.58 0.00	15.09 0.52 0.00	9.96 0.37 0.00	9.37 0.37 0.00	9.12 0.31 0.00	8.59 0.28 0.00	7.21 0.22 0.00	14.40 0.54 0.00	22.01 0.94 0.00	23.51 1.09 0.00	31.05 1.45 0.00	32.01 1.56 0.00	26.71 1.22 0.00	22.09 1.08 0.00	21.00 0.98 0.00
UPPER RAQUET___HYD 24056	8.21 -0.16 0.00	7.48 -0.15 0.00	0.28 -0.01 0.00	5.06 -0.16 0.00	5.57 -0.20 0.00	8.02 -0.35 0.00	16.78 -0.66 0.00	14.13 -0.52 0.00	11.51 -0.43 0.00	14.59 -0.59 0.00	14.01 -0.55 0.00	9.18 -0.40 0.00	8.56 -0.45 0.00	8.28 -0.54 0.00	7.80 -0.51 0.00	6.61 -0.38 0.00	13.24 -0.63 0.00	20.32 -0.76 0.00	21.77 -0.66 0.00	28.92 -0.67 0.00	29.90 -0.55 0.00	24.96 -0.54 0.00	20.34 -0.66 0.00	19.19 -0.83 0.00
VALLEY44_115KV_TB2 355964	8.27 -0.11 0.00	7.59 -0.04 0.00	0.28 0.00 0.00	5.27 0.05 0.00	5.84 0.06 0.00	8.38 0.02 0.00	17.26 -0.19 0.00	14.30 -0.34 0.00	11.88 -0.06 0.00	15.37 0.19 0.00	14.83 0.27 0.00	9.70 0.13 0.00	9.13 0.13 0.00	8.82 0.01 0.00	8.29 -0.03 0.00	6.85 -0.14 0.00	13.36 -0.51 0.00	20.13 -0.95 0.00	21.34 -1.08 0.00	28.73 -0.87 0.00	29.64 -0.81 0.00	22.98 -1.03 1.49	20.22 -0.79 0.00	19.66 -0.35 0.00
VALLEY___115KV_TB 1-4 80826	8.55 0.17 0.00	7.78 0.15 0.00	0.29 0.00 0.00	5.32 0.10 0.00	5.92 0.14 0.00	8.56 0.19 0.00	17.72 0.28 0.00	14.69 0.05 0.00	11.80 -0.14 0.00	14.84 -0.34 0.00	14.20 -0.37 0.00	9.34 -0.24 0.00	8.82 -0.18 0.00	8.62 -0.19 0.00	8.13 -0.18 0.00	6.84 -0.15 0.00	13.60 -0.27 0.00	20.80 -0.27 0.00	22.42 0.00 0.00	29.73 0.13 0.00	30.76 0.31 0.00	25.74 0.24 0.00	21.33 0.32 0.00	20.31 0.29 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	8.76 0.39 0.00	7.98 0.35 0.00	0.30 0.01 0.00	5.48 0.26 0.00	6.07 0.29 0.00	8.76 0.40 0.00	18.20 0.75 0.00	15.15 0.51 0.00	12.35 0.41 0.00	15.68 0.50 0.00	15.03 0.47 0.00	9.89 0.31 0.00	9.31 0.31 0.00	9.10 0.28 0.00	8.60 0.29 0.00	7.24 0.24 0.00	14.35 0.49 0.00	21.90 0.83 0.00	23.41 0.98 0.00	30.92 1.32 0.00	31.82 1.37 0.00	27.16 1.09 -0.58	21.89 0.88 0.00	20.75 0.74 0.00
VISCHER___FERRY HYD 24020	8.70 0.33 0.00	7.92 0.29 0.00	0.30 0.01 0.00	5.41 0.19 0.00	6.01 0.23 0.00	8.68 0.32 0.00	17.97 0.52 0.00	15.02 0.38 0.00	12.19 0.25 0.00	15.41 0.24 0.00	14.81 0.24 0.00	9.75 0.17 0.00	9.17 0.17 0.00	9.00 0.18 0.00	8.49 0.18 0.00	7.14 0.14 0.00	14.22 0.35 0.00	21.67 0.60 0.00	23.09 0.67 0.00	30.38 0.78 0.00	31.35 0.90 0.00	26.18 0.69 0.00	21.71 0.70 0.00	20.68 0.67 0.00
V_A_10_SYNC_DSASP 323832	8.01 -0.37 0.00	7.32 -0.31 0.00	0.28 -0.01 0.00	5.07 -0.15 0.00	5.61 -0.16 0.00	8.08 -0.28 0.00	16.87 -0.58 0.00	13.99 -0.65 0.00	11.56 -0.38 0.00	14.85 -0.33 0.00	14.34 -0.23 0.00	9.40 -0.17 0.00	8.85 -0.15 0.00	8.58 -0.23 0.00	8.05 -0.26 0.00	6.68 -0.31 0.00	13.07 -0.80 0.00	19.77 -1.31 0.00	21.02 -1.41 0.00	28.14 -1.46 0.00	28.94 -1.51 0.00	23.14 -1.62 0.73	19.64 -1.37 0.00	19.01 -1.00 0.00
V_CMM_10_SYNC_DSASP 323787	8.23 -0.14 0.00	7.51 -0.12 0.00	0.28 0.00 0.00	5.10 -0.12 0.00	5.63 -0.14 0.00	8.21 -0.15 0.00	17.22 -0.23 0.00	14.52 -0.12 0.00	11.85 -0.09 0.00	15.08 -0.09 0.00	14.48 -0.08 0.00	9.50 -0.08 0.00	8.89 -0.11 0.00	8.70 -0.12 0.00	8.20 -0.11 0.00	6.94 -0.06 0.00	13.84 -0.03 0.00	21.05 -0.02 0.00	22.46 0.04 0.00	29.75 0.16 0.00	30.60 0.15 0.00	25.59 0.09 0.00	20.93 -0.08 0.00	19.86 -0.15 0.00
V_CMP_10_SYNC_DSASP 323788	8.31 -0.06 0.00	7.57 -0.06 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.66 -0.11 0.00	8.25 -0.12 0.00	17.21 -0.23 0.00	14.50 -0.14 0.00	11.84 -0.09 0.00	15.05 -0.13 0.00	14.41 -0.16 0.00	9.40 -0.18 0.00	8.78 -0.22 0.00	8.60 -0.22 0.00	8.13 -0.18 0.00	6.89 -0.10 0.00	13.93 0.06 0.00	21.19 0.11 0.00	22.58 0.16 0.00	30.09 0.49 0.00	30.98 0.53 0.00	25.80 0.30 0.00	21.04 0.04 0.00	19.96 -0.06 0.00
V_D_10_SYNC_DSASP 323841	8.27 -0.11 0.00	7.54 -0.09 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.65 -0.12 0.00	8.23 -0.13 0.00	17.27 -0.18 0.00	14.56 -0.09 0.00	11.89 -0.05 0.00	15.12 -0.05 0.00	14.53 -0.04 0.00	9.52 -0.06 0.00	8.92 -0.09 0.00	8.71 -0.10 0.00	8.21 -0.10 0.00	6.95 -0.04 0.00	13.87 0.00 0.00	21.12 0.04 0.00	22.53 0.11 0.00	29.87 0.27 0.00	30.75 0.30 0.00	25.71 0.21 0.00	21.02 0.01 0.00	19.91 -0.10 0.00
V_E_10_SYNC_DSASP 323830	8.90 0.52 0.00	8.10 0.47 0.00	0.29 0.01 0.00	5.54 0.32 0.00	6.17 0.39 0.00	8.96 0.60 0.00	18.69 1.24 0.00	15.50 0.86 0.00	12.50 0.57 0.00	15.66 0.49 0.00	14.86 0.30 0.00	9.76 0.18 0.00	9.20 0.19 0.00	8.92 0.10 0.00	8.45 0.14 0.00	7.06 0.06 0.00	13.96 0.10 0.00	21.54 0.46 0.00	23.27 0.85 0.00	31.64 2.04 0.00	32.68 2.24 0.00	34.10 1.76 -6.85	22.38 1.38 0.00	21.25 1.24 0.00

V_F_30_NSYNC___DSASP 323816	8.82 0.45 0.00	8.03 0.39 0.00	0.30 0.02 0.00	5.49 0.27 0.00	6.10 0.32 0.00	8.83 0.46 0.00	18.32 0.87 0.00	15.28 0.64 0.00	12.36 0.42 0.00	15.62 0.44 0.00	14.97 0.40 0.00	9.86 0.28 0.00	9.28 0.28 0.00	9.08 0.27 0.00	8.57 0.25 0.00	7.20 0.21 0.00	14.36 0.50 0.00	21.93 0.85 0.00	23.42 1.00 0.00	30.89 1.30 0.00	31.84 1.40 0.00	26.57 1.07 0.00	21.98 0.97 0.00	20.92 0.90 0.00
V_F_30_SYNC_DSASP 323786	8.66 0.28 0.00	7.89 0.26 0.00	0.30 0.01 0.00	5.40 0.18 0.00	5.98 0.20 0.00	8.62 0.25 0.00	17.77 0.32 0.00	14.86 0.22 0.00	12.08 0.14 0.00	15.32 0.14 0.00	14.68 0.11 0.00	9.67 0.09 0.00	9.11 0.11 0.00	8.94 0.12 0.00	8.43 0.12 0.00	7.10 0.11 0.00	14.08 0.22 0.00	21.39 0.31 0.00	22.74 0.32 0.00	29.94 0.34 0.00	30.83 0.39 0.00	25.81 0.31 0.00	21.38 0.37 0.00	20.35 0.34 0.00
V_XM_10_SYNC_DSASP 323789	8.31 -0.06 0.00	7.57 -0.06 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.66 -0.11 0.00	8.25 -0.12 0.00	17.21 -0.23 0.00	14.50 -0.14 0.00	11.84 -0.09 0.00	15.05 -0.13 0.00	14.41 -0.16 0.00	9.40 -0.18 0.00	8.78 -0.22 0.00	8.60 -0.22 0.00	8.13 -0.18 0.00	6.89 -0.10 0.00	13.93 0.06 0.00	21.19 0.11 0.00	22.58 0.16 0.00	30.09 0.49 0.00	30.98 0.53 0.00	25.80 0.30 0.00	21.04 0.04 0.00	19.96 -0.06 0.00
W.BABYLN_69_KV_BK1 56697	18.23 0.86 -8.99	10.51 0.76 -2.12	6.76 0.03 -6.44	16.22 0.54 -10.46	15.12 0.63 -8.72	21.12 0.84 -11.91	27.15 1.56 -8.15	20.07 1.20 -4.22	21.29 1.07 -8.28	24.14 1.42 -7.54	21.85 1.32 -5.97	26.73 0.90 -16.25	9.83 0.83 0.00	9.69 0.88 0.00	9.67 0.87 -0.49	14.32 0.79 -6.53	15.81 1.54 -0.41	23.31 2.24 0.00	24.60 2.18 0.00	35.16 2.96 -2.60	33.47 3.02 0.00	30.60 2.52 -2.60	27.96 2.19 -4.76	21.84 1.82 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	8.91 0.53 0.00	8.10 0.47 0.00	0.31 0.02 0.00	5.55 0.33 0.00	6.16 0.39 0.00	8.86 0.50 0.00	18.37 0.92 0.00	15.44 0.80 0.00	12.64 0.70 0.00	16.10 0.92 0.00	15.46 0.89 0.00	10.21 0.63 0.00	9.63 0.65 0.00	9.46 0.66 0.00	8.97 0.66 0.00	7.57 0.58 0.00	15.02 1.15 0.00	22.76 1.68 0.00	24.04 1.62 0.00	31.59 1.99 0.00	32.55 2.11 0.00	27.23 1.73 0.00	22.48 1.47 0.00	21.36 1.35 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	8.97 0.59 0.00	8.16 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.20 0.43 0.00	8.93 0.56 0.00	18.45 1.00 0.00	15.48 0.84 0.00	12.70 0.76 0.00	16.22 1.04 0.00	15.61 1.04 0.00	10.31 0.73 0.00	9.71 0.71 0.00	9.54 0.73 0.00	9.04 0.73 0.00	7.62 0.63 0.00	15.10 1.23 0.00	22.81 1.74 0.00	24.07 1.65 0.00	31.61 2.02 0.00	32.54 2.10 0.00	27.21 1.72 0.00	22.49 1.48 0.00	21.38 1.37 0.00
W50THST__13_KV_LOAD 356117	9.02 0.64 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.62 0.40 0.00	6.24 0.46 0.00	8.97 0.61 0.00	18.55 1.10 0.00	15.57 0.93 0.00	12.78 0.84 0.00	16.33 1.16 0.00	15.72 1.15 0.00	10.38 0.80 0.00	9.78 0.78 0.00	9.62 0.80 0.00	9.11 0.79 0.00	7.68 0.69 0.00	15.21 1.34 0.00	22.96 1.89 0.00	24.22 1.80 0.00	31.80 2.20 0.00	32.72 2.27 0.00	27.34 1.85 0.00	22.58 1.58 0.00	21.47 1.47 0.00
WADING RIVER_IC_1 23522	12.14 0.85 -2.91	6.87 0.75 1.51	2.59 0.03 -2.27	10.53 0.56 -4.74	10.38 0.66 -3.95	13.63 0.88 -4.38	19.45 1.51 -0.48	13.99 1.03 1.69	6.24 0.92 6.62	15.81 1.23 0.60	13.45 1.19 2.31	-11.35 0.82 21.75	9.73 0.73 0.00	9.59 0.77 0.00	9.54 0.78 -0.44	13.62 0.72 -5.91	15.61 1.37 -0.37	23.11 2.03 0.00	24.45 2.03 0.00	34.99 3.04 -2.35	33.55 3.10 0.00	30.41 2.57 -2.35	27.56 2.24 -4.31	21.61 1.60 0.00
WADING RIVER_IC_2 23547	12.14 0.85 -2.91	6.87 0.75 1.51	2.59 0.03 -2.27	10.53 0.56 -4.74	10.38 0.66 -3.95	13.63 0.88 -4.38	19.45 1.51 -0.48	13.99 1.03 1.69	6.24 0.92 6.62	15.81 1.23 0.60	13.45 1.19 2.31	-11.35 0.82 21.75	9.73 0.73 0.00	9.59 0.77 0.00	9.54 0.78 -0.44	13.62 0.72 -5.91	15.61 1.37 -0.37	23.11 2.03 0.00	24.45 2.03 0.00	34.99 3.04 -2.35	33.55 3.10 0.00	30.41 2.57 -2.35	27.56 2.24 -4.31	21.61 1.60 0.00
WADING RIVER_IC_3 23601	12.14 0.85 -2.91	6.87 0.75 1.51	2.59 0.03 -2.27	10.53 0.56 -4.74	10.38 0.66 -3.95	13.63 0.88 -4.38	19.45 1.51 -0.48	13.99 1.03 1.69	6.24 0.92 6.62	15.81 1.23 0.60	13.45 1.19 2.31	-11.35 0.82 21.75	9.73 0.73 0.00	9.59 0.77 0.00	9.54 0.78 -0.44	13.62 0.72 -5.91	15.61 1.37 -0.37	23.11 2.03 0.00	24.45 2.03 0.00	34.99 3.04 -2.35	33.55 3.10 0.00	30.41 2.57 -2.35	27.56 2.24 -4.31	21.61 1.60 0.00
WALDENNY_12_KV_BK2 80841	8.06 -0.32 0.00	7.38 -0.25 0.00	0.28 -0.01 0.00	5.12 -0.10 0.00	5.66 -0.11 0.00	8.16 -0.21 0.00	17.01 -0.44 0.00	14.09 -0.55 0.00	11.69 -0.25 0.00	15.07 -0.11 0.00	14.55 -0.02 0.00	9.53 -0.05 0.00	8.97 -0.03 0.00	8.65 -0.16 0.00	8.12 -0.20 0.00	6.72 -0.28 0.00	13.13 -0.74 0.00	19.82 -1.25 0.00	21.08 -1.34 0.00	28.39 -1.21 0.00	29.21 -1.24 0.00	22.87 -1.47 1.16	19.76 -1.25 0.00	19.19 -0.83 0.00
WALDEN___HYDRO 24148	8.87 0.50 0.00	8.07 0.44 0.00	0.30 0.02 0.00	5.53 0.31 0.00	6.13 0.36 0.00	8.84 0.47 0.00	18.29 0.85 0.00	15.39 0.75 0.00	12.59 0.66 0.00	16.00 0.83 0.00	15.36 0.80 0.00	10.14 0.56 0.00	9.56 0.56 0.00	9.39 0.58 0.00	8.89 0.58 0.00	7.51 0.51 0.00	14.90 1.03 0.00	22.62 1.54 0.00	23.96 1.54 0.00	31.52 1.93 0.00	32.50 2.06 0.00	27.18 1.68 0.00	22.43 1.43 0.00	21.31 1.30 0.00
WARRENSBURG____ 23737	8.91 0.53 0.00	8.10 0.47 0.00	0.30 0.01 0.00	5.54 0.32 0.00	6.16 0.39 0.00	8.95 0.58 0.00	18.61 1.16 0.00	15.53 0.89 0.00	12.51 0.57 0.00	15.75 0.58 0.00	15.09 0.52 0.00	9.96 0.37 0.00	9.37 0.37 0.00	9.12 0.31 0.00	8.59 0.28 0.00	7.21 0.22 0.00	14.40 0.54 0.00	22.02 0.94 0.00	23.51 1.09 0.00	31.05 1.45 0.00	32.01 1.56 0.00	26.71 1.22 0.00	22.09 1.08 0.00	21.00 0.98 0.00
WATERSIDE___6 8 9 23538	8.97 0.59 0.00	8.18 0.55 0.00	0.31 0.02 0.00	5.60 0.39 0.00	6.22 0.44 0.00	8.94 0.57 0.00	18.46 1.01 0.00	15.49 0.85 0.00	12.70 0.76 0.00	16.24 1.07 0.00	15.62 1.05 0.00	10.31 0.73 0.00	9.72 0.72 0.00	9.56 0.74 0.00	9.04 0.73 0.00	7.63 0.64 0.00	15.10 1.24 0.00	22.81 1.73 0.00	24.07 1.65 0.00	31.59 1.99 0.00	32.51 2.07 0.00	27.22 1.73 0.00	22.49 1.48 0.00	21.40 1.39 0.00
WATKINRD_115KV_LN8_ILLION 55919	8.53 0.15 0.00	7.76 0.13 0.00	0.29 0.00 0.00	5.31 0.09 0.00	5.89 0.11 0.00	8.52 0.15 0.00	17.66 0.21 0.00	14.68 0.04 0.00	11.83 -0.11 0.00	14.93 -0.25 0.00	14.31 -0.26 0.00	9.41 -0.17 0.00	8.87 -0.13 0.00	8.68 -0.13 0.00	8.19 -0.12 0.00	6.88 -0.11 0.00	13.67 -0.20 0.00	20.88 -0.20 0.00	22.42 0.00 0.00	29.67 0.07 0.00	30.66 0.21 0.00	25.64 0.15 0.00	21.22 0.22 0.00	20.21 0.19 0.00

WDELAWARE___HYD 323627	8.68 0.30 0.00	7.89 0.26 0.00	0.30 0.01 0.00	5.40 0.18 0.00	5.99 0.22 0.00	8.64 0.27 0.00	17.90 0.46 0.00	14.98 0.34 0.00	12.25 0.31 0.00	15.53 0.35 0.00	14.88 0.31 0.00	9.81 0.23 0.00	9.25 0.24 0.00	9.08 0.26 0.00	8.59 0.28 0.00	7.26 0.27 0.00	14.42 0.55 0.00	21.95 0.87 0.00	23.32 0.90 0.00	30.72 1.12 0.00	31.68 1.24 0.00	26.51 1.02 0.00	21.85 0.84 0.00	20.72 0.71 0.00
WEST BABYLON___IC 23714	18.23 0.86 -8.99	10.51 0.76 -2.12	6.76 0.03 -6.44	16.22 0.54 -10.46	15.12 0.63 -8.72	21.12 0.84 -11.91	27.15 1.56 -8.15	20.07 1.20 -4.22	21.29 1.07 -8.28	24.14 1.42 -7.54	21.85 1.32 -5.97	26.73 0.90 -16.25	9.83 0.83 0.00	9.69 0.88 0.00	9.67 0.87 -0.49	14.32 0.79 -6.53	15.81 1.54 -0.41	23.31 2.24 0.00	24.60 2.18 0.00	35.16 2.96 -2.60	33.47 3.02 0.00	30.60 2.52 -2.60	27.96 2.19 -4.76	21.84 1.82 0.00
WEST CANADA___HYD 24049	8.47 0.10 0.00	7.71 0.08 0.00	0.29 0.01 0.00	5.28 0.06 0.00	5.85 0.07 0.00	8.44 0.07 0.00	17.52 0.07 0.00	14.64 0.00 0.00	11.91 -0.03 0.00	15.12 -0.06 0.00	14.51 -0.06 0.00	9.55 -0.03 0.00	8.98 -0.02 0.00	8.79 -0.03 0.00	8.28 -0.03 0.00	6.95 -0.04 0.00	13.77 -0.09 0.00	20.98 -0.09 0.00	22.36 -0.07 0.00	29.50 -0.09 0.00	30.40 -0.05 0.00	25.41 -0.08 0.00	21.00 -0.01 0.00	20.01 0.00 0.00
WESTERN_NY_WIND 24143	8.17 -0.21 0.00	7.47 -0.16 0.00	0.28 0.00 0.00	5.17 -0.05 0.00	5.73 -0.05 0.00	8.27 -0.09 0.00	17.33 -0.11 0.00	14.33 -0.32 0.00	11.76 -0.18 0.00	15.01 -0.17 0.00	14.46 -0.10 0.00	9.48 -0.11 0.00	8.94 -0.06 0.00	8.66 -0.16 0.00	8.11 -0.20 0.00	6.77 -0.22 0.00	13.43 -0.44 0.00	19.98 -1.10 0.00	21.41 -1.01 0.00	28.97 -0.63 0.00	29.84 -0.61 0.00	23.85 -0.88 0.76	20.18 -0.83 0.00	19.53 -0.48 0.00
WESTOVER___LESR 323668	8.45 0.08 0.00	7.71 0.07 0.00	0.29 0.00 0.00	5.30 0.08 0.00	5.87 0.10 0.00	8.47 0.10 0.00	17.53 0.09 0.00	14.60 -0.05 0.00	11.94 0.00 0.00	15.23 0.05 0.00	14.63 0.07 0.00	9.62 0.04 0.00	9.05 0.05 0.00	8.81 -0.01 0.00	8.33 0.02 0.00	6.98 -0.01 0.00	13.79 -0.08 0.00	21.03 -0.05 0.00	22.59 0.17 0.00	29.99 0.39 0.00	30.91 0.46 0.00	25.11 0.26 0.64	21.23 0.22 0.00	20.14 0.12 0.00
WETHRSFD_WT_PWR 323626	8.09 -0.29 0.00	7.40 -0.23 0.00	0.28 -0.01 0.00	5.11 -0.11 0.00	5.66 -0.11 0.00	8.14 -0.22 0.00	16.94 -0.51 0.00	13.96 -0.69 0.00	11.50 -0.44 0.00	14.79 -0.39 0.00	14.19 -0.38 0.00	9.28 -0.30 0.00	8.74 -0.26 0.00	8.43 -0.38 0.00	7.89 -0.42 0.00	6.51 -0.48 0.00	12.76 -1.11 0.00	19.23 -1.84 0.00	20.51 -1.92 0.00	27.98 -1.62 0.00	28.93 -1.52 0.00	22.07 -1.67 1.75	19.69 -1.32 0.00	19.14 -0.87 0.00
WHAVSTOR_138KV_BK127 55557	8.87 0.49 0.00	8.07 0.43 0.00	0.30 0.02 0.00	5.53 0.31 0.00	6.13 0.36 0.00	8.83 0.46 0.00	18.32 0.87 0.00	15.39 0.75 0.00	12.60 0.66 0.00	16.04 0.86 0.00	15.41 0.84 0.00	10.18 0.59 0.00	9.60 0.60 0.00	9.43 0.62 0.00	8.94 0.63 0.00	7.54 0.55 0.00	14.96 1.09 0.00	22.66 1.58 0.00	23.94 1.52 0.00	31.47 1.87 0.00	32.42 1.98 0.00	27.12 1.63 0.00	22.40 1.39 0.00	21.30 1.28 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	8.87 0.49 0.00	8.07 0.43 0.00	0.30 0.02 0.00	5.53 0.31 0.00	6.13 0.36 0.00	8.83 0.46 0.00	18.32 0.87 0.00	15.39 0.75 0.00	12.60 0.66 0.00	16.04 0.86 0.00	15.41 0.84 0.00	10.18 0.59 0.00	9.60 0.60 0.00	9.43 0.62 0.00	8.94 0.63 0.00	7.54 0.55 0.00	14.96 1.09 0.00	22.66 1.58 0.00	23.94 1.52 0.00	31.47 1.87 0.00	32.42 1.98 0.00	27.12 1.63 0.00	22.40 1.39 0.00	21.30 1.28 0.00
WHITEHAL_115KV_TB1 80871	8.96 0.58 0.00	8.19 0.55 0.00	0.29 0.00 0.00	5.55 0.32 0.00	6.26 0.49 0.00	9.22 0.85 0.00	19.27 1.82 0.00	16.07 1.42 0.00	12.83 0.89 0.00	16.00 0.83 0.00	15.15 0.59 0.00	10.16 0.58 0.00	9.58 0.58 0.00	9.31 0.50 0.00	8.70 0.39 0.00	7.32 0.33 0.00	14.78 0.92 0.00	22.64 1.57 0.00	23.91 1.49 0.00	31.51 1.91 0.00	32.43 1.99 0.00	27.08 1.59 0.00	22.82 1.81 0.00	21.80 1.79 0.00
WHITEPLN_13_KV_LOAD 356215	8.98 0.61 0.00	8.17 0.53 0.00	0.31 0.02 0.00	5.59 0.37 0.00	6.21 0.43 0.00	8.94 0.57 0.00	18.50 1.05 0.00	15.54 0.90 0.00	12.73 0.79 0.00	16.23 1.05 0.00	15.59 1.03 0.00	10.29 0.71 0.00	9.71 0.71 0.00	9.54 0.72 0.00	9.04 0.73 0.00	7.63 0.64 0.00	15.13 1.26 0.00	22.92 1.84 0.00	24.23 1.80 0.00	31.82 2.23 0.00	32.75 2.30 0.00	27.39 1.90 0.00	22.62 1.61 0.00	21.49 1.48 0.00
WM_FLOYD_69_KV_BK2 356380	12.27 0.86 -3.03	6.95 0.76 1.44	2.67 0.03 -2.35	10.63 0.56 -4.85	10.46 0.65 -4.03	13.76 0.88 -4.52	19.64 1.57 -0.63	14.19 1.12 1.58	6.61 1.00 6.33	16.05 1.32 0.45	13.66 1.25 2.16	-10.56 0.86 21.00	9.77 0.76 0.00	9.63 0.82 0.00	9.58 0.82 -0.44	13.66 0.75 -5.92	15.68 1.44 -0.37	23.18 2.11 0.00	24.52 2.10 0.00	34.99 3.04 -2.36	33.54 3.09 0.00	30.41 2.57 -2.36	27.57 2.25 -4.32	21.72 1.71 0.00
WOODARD___115KV_TB2 355635	8.35 -0.02 0.00	7.61 -0.02 0.00	0.29 0.00 0.00	5.22 0.00 0.00	5.78 0.00 0.00	8.35 -0.02 0.00	17.36 -0.09 0.00	14.49 -0.15 0.00	11.82 -0.12 0.00	15.02 -0.15 0.00	14.43 -0.14 0.00	9.49 -0.09 0.00	8.93 -0.08 0.00	8.73 -0.08 0.00	8.21 -0.10 0.00	6.88 -0.12 0.00	13.59 -0.27 0.00	20.63 -0.44 0.00	21.90 -0.52 0.00	28.98 -0.62 0.00	29.84 -0.61 0.00	25.45 -0.58 -0.53	20.57 -0.44 0.00	19.68 -0.33 0.00
WOODMERE_69_KV_BK1 55827	91.00 0.81 -81.82	56.80 0.72 -48.45	60.40 0.03 -60.08	92.31 0.51 -86.59	79.36 0.58 -73.01	115.67 0.78 -106.52	121.99 1.41 -103.14	95.87 1.11 -80.11	205.55 1.04 -192.58	126.68 1.37 -110.13	127.82 1.30 -111.96	507.89 0.89 -497.42	9.84 0.84 0.00	9.69 0.88 0.00	9.90 0.87 -0.72	17.35 0.77 -9.58	15.97 1.50 -0.59	23.26 2.18 0.00	24.54 2.12 0.00	36.22 2.81 -3.81	33.29 2.84 0.00	31.66 2.35 -3.81	30.01 2.02 -6.98	21.80 1.79 0.00
YORK___WARBASSE 23770	8.99 0.61 0.00	8.21 0.57 0.00	0.31 0.02 0.00	5.63 0.41 0.00	6.24 0.46 0.00	8.96 0.60 0.00	18.53 1.08 0.00	15.55 0.91 0.00	12.75 0.81 0.00	16.28 1.11 0.00	15.65 1.09 0.00	10.33 0.75 0.00	9.74 0.74 0.00	9.58 0.76 0.00	9.07 0.76 0.00	7.65 0.66 0.00	15.15 1.28 0.00	22.89 1.81 0.00	24.17 1.75 0.00	31.75 2.15 0.00	32.70 2.25 0.00	27.37 1.88 0.00	22.58 1.57 0.00	21.48 1.47 0.00