

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/17/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	17.21	17.78	18.28	14.81	18.45	17.20	19.24	18.49	18.51	16.52	16.12	13.92	11.20	9.70	11.08	11.02	15.32	20.98	24.65	24.44	22.34	23.78	24.23	19.60
24138	0.81	0.77	0.74	0.63	0.80	0.69	0.85	0.94	0.90	0.84	0.84	0.71	0.56	0.45	0.59	0.62	0.84	1.17	1.46	1.54	1.40	1.34	1.28	0.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	17.19	17.77	18.27	14.80	18.44	17.19	19.24	18.48	18.49	16.50	16.10	13.91	11.19	9.69	11.06	11.00	15.29	20.96	24.61	24.39	22.30	23.75	24.20	19.58
24260	0.79	0.76	0.73	0.62	0.78	0.69	0.85	0.92	0.89	0.82	0.83	0.70	0.55	0.44	0.57	0.60	0.83	1.16	1.43	1.49	1.36	1.31	1.26	0.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	17.19	17.77	18.27	14.80	18.44	17.19	19.24	18.48	18.49	16.50	16.10	13.91	11.19	9.69	11.06	11.00	15.29	20.96	24.61	24.39	22.30	23.75	24.20	19.58
24261	0.79	0.76	0.73	0.62	0.78	0.69	0.85	0.92	0.89	0.82	0.83	0.70	0.55	0.44	0.57	0.60	0.83	1.16	1.43	1.49	1.36	1.31	1.26	0.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	16.96	17.56	18.12	14.68	18.31	17.12	19.03	18.21	18.35	16.41	15.93	13.74	10.99	9.53	10.86	10.74	14.95	20.57	24.23	23.98	21.82	23.36	23.73	19.19
24011	0.56	0.54	0.59	0.50	0.65	0.61	0.63	0.66	0.74	0.73	0.65	0.53	0.35	0.28	0.37	0.34	0.48	0.76	1.05	1.08	0.88	0.92	0.78	0.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	17.06	17.66	18.23	14.78	18.42	17.24	19.12	18.31	18.46	16.53	16.02	13.79	11.01	9.54	10.91	10.78	15.02	20.66	24.35	24.10	21.91	23.48	23.81	19.24
23798	0.66	0.65	0.69	0.59	0.77	0.73	0.72	0.75	0.86	0.84	0.74	0.58	0.36	0.30	0.42	0.38	0.55	0.85	1.17	1.20	0.97	1.04	0.87	0.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	16.96	17.56	18.12	14.68	18.31	17.12	19.03	18.21	18.35	16.41	15.93	13.74	10.99	9.53	10.86	10.74	14.95	20.57	24.23	23.98	21.82	23.36	23.73	19.19
24028	0.56	0.54	0.59	0.50	0.65	0.61	0.63	0.66	0.74	0.73	0.65	0.53	0.35	0.28	0.37	0.34	0.48	0.76	1.05	1.08	0.88	0.92	0.78	0.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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_NYS___DAM	16.64	17.22	17.81	14.44	17.99	16.81	18.72	17.91	18.02	16.20	15.71	13.58	10.87	9.40	10.68	10.57	14.71	20.21	23.66	23.35	21.17	22.72	23.20	18.78
23527	0.24	0.21	0.27	0.26	0.34	0.31	0.33	0.35	0.42	0.52	0.43	0.37	0.23	0.15	0.19	0.18	0.24	0.40	0.48	0.45	0.23	0.28	0.26	0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	16.74	17.34	17.89	14.49	18.07	16.86	18.79	17.95	18.02	16.11	15.68	13.58	10.91	9.46	10.76	10.66	14.82	20.32	23.79	23.53	21.46	22.96	23.43	19.03
24190	0.34	0.33	0.35	0.31	0.41	0.36	0.40	0.40	0.42	0.43	0.40	0.37	0.27	0.21	0.26	0.27	0.35	0.51	0.61	0.63	0.52	0.52	0.49	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
AKWESSNE_115KV_BK	16.35	16.96	17.45	14.09	17.50	16.38	18.25	17.36	17.44	15.51	15.17	13.16	10.61	9.24	10.44	10.33	14.40	19.74	23.10	22.73	20.77	22.35	22.91	18.59
355683	-0.05	-0.05	-0.09	-0.09	-0.15	-0.12	-0.14	-0.20	-0.16	-0.17	-0.11	-0.05	-0.04	-0.01	-0.05	-0.07	-0.08	-0.06	-0.08	-0.16	-0.17	-0.09	-0.03	-0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	16.88	17.49	18.05	14.61	18.22	17.00	18.94	18.09	18.12	16.03	15.63	13.60	10.95	9.50	10.77	10.70	14.90	20.43	23.95	23.73	21.63	23.15	23.62	19.19
323833	0.48	0.48	0.51	0.43	0.56	0.49	0.55	0.53	0.52	0.35	0.35	0.38	0.31	0.25	0.28	0.30	0.43	0.63	0.77	0.83	0.69	0.71	0.68	0.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	16.88	17.49	18.05	14.61	18.21	17.00	18.94	18.09	18.12	16.03	15.62	13.60	10.95	9.50	10.77	10.69	14.90	20.43	23.94	23.72	21.62	23.14	23.62	19.18
323834	0.48	0.48	0.51	0.43	0.56	0.49	0.55	0.53	0.51	0.35	0.35	0.38	0.31	0.25	0.27	0.30	0.43	0.63	0.76	0.82	0.68	0.70	0.67	0.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	16.74	17.34	17.89	14.49	18.07	16.86	18.79	17.95	18.02	16.11	15.68	13.58	10.91	9.46	10.76	10.66	14.82	20.32	23.79	23.53	21.46	22.96	23.43	19.03
23571	0.34	0.33	0.35	0.31	0.41	0.36	0.40	0.40	0.42	0.43	0.40	0.37	0.27	0.21	0.26	0.27	0.35	0.51	0.61	0.63	0.52	0.52	0.49	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

ALBANY___2 23572	16.74 0.34 0.00	17.34 0.33 0.00	17.89 0.35 0.00	14.49 0.31 0.00	18.07 0.41 0.00	16.86 0.36 0.00	18.79 0.40 0.00	17.95 0.40 0.00	18.02 0.42 0.00	16.11 0.43 0.00	15.68 0.40 0.00	13.58 0.37 0.00	10.91 0.27 0.00	9.46 0.21 0.00	10.76 0.26 0.00	10.66 0.27 0.00	14.82 0.35 0.00	20.32 0.51 0.00	23.79 0.61 0.00	23.53 0.63 0.00	21.46 0.52 0.00	22.96 0.52 0.00	23.43 0.49 0.00	19.03 0.34 0.00
ALBANY___3 23573	16.74 0.34 0.00	17.34 0.33 0.00	17.89 0.35 0.00	14.49 0.31 0.00	18.07 0.41 0.00	16.86 0.36 0.00	18.79 0.40 0.00	17.95 0.40 0.00	18.02 0.42 0.00	16.11 0.43 0.00	15.68 0.40 0.00	13.58 0.37 0.00	10.91 0.27 0.00	9.46 0.21 0.00	10.76 0.26 0.00	10.66 0.27 0.00	14.82 0.35 0.00	20.32 0.51 0.00	23.79 0.61 0.00	23.53 0.63 0.00	21.46 0.52 0.00	22.96 0.52 0.00	23.43 0.49 0.00	19.03 0.34 0.00
ALBANY___4 23574	16.74 0.34 0.00	17.34 0.33 0.00	17.89 0.35 0.00	14.49 0.31 0.00	18.07 0.41 0.00	16.86 0.36 0.00	18.79 0.40 0.00	17.95 0.40 0.00	18.02 0.42 0.00	16.11 0.43 0.00	15.68 0.40 0.00	13.58 0.37 0.00	10.91 0.27 0.00	9.46 0.21 0.00	10.76 0.26 0.00	10.66 0.27 0.00	14.82 0.35 0.00	20.32 0.51 0.00	23.79 0.61 0.00	23.53 0.63 0.00	21.46 0.52 0.00	22.96 0.52 0.00	23.43 0.49 0.00	19.03 0.34 0.00
ALBANY___LFGE 323615	16.82 0.42 0.00	17.42 0.41 0.00	17.98 0.44 0.00	14.56 0.37 0.00	18.15 0.49 0.00	16.94 0.44 0.00	18.88 0.49 0.00	18.04 0.48 0.00	18.12 0.51 0.00	16.19 0.51 0.00	15.77 0.49 0.00	13.66 0.44 0.00	10.98 0.33 0.00	9.51 0.26 0.00	10.81 0.32 0.00	10.72 0.32 0.00	14.91 0.44 0.00	20.43 0.63 0.00	23.93 0.75 0.00	23.67 0.77 0.00	21.58 0.64 0.00	23.09 0.64 0.00	23.56 0.62 0.00	19.12 0.44 0.00
ALCOA_PA_115KV_PL-6C 55860	16.37 -0.03 0.00	16.98 -0.03 0.00	17.46 -0.07 0.00	14.10 -0.09 0.00	17.51 -0.15 0.00	16.39 -0.11 0.00	18.27 -0.13 0.00	17.38 -0.18 0.00	17.47 -0.14 0.00	15.51 -0.17 0.00	15.18 -0.10 0.00	13.16 -0.05 0.00	10.61 -0.03 0.00	9.25 0.00 0.00	10.45 -0.05 0.00	10.33 -0.07 0.00	14.39 -0.08 0.00	19.74 -0.06 0.00	23.11 -0.07 0.00	22.76 -0.14 0.00	20.79 -0.15 0.00	22.38 -0.06 0.00	22.93 -0.01 0.00	18.60 -0.08 0.00
ALCOA_RYNLDS___DRP 24188	16.37 -0.03 0.00	16.98 -0.03 0.00	17.46 -0.07 0.00	14.10 -0.09 0.00	17.51 -0.15 0.00	16.39 -0.11 0.00	18.27 -0.13 0.00	17.38 -0.18 0.00	17.47 -0.14 0.00	15.51 -0.17 0.00	15.18 -0.10 0.00	13.16 -0.05 0.00	10.61 -0.03 0.00	9.25 0.00 0.00	10.45 -0.05 0.00	10.33 -0.07 0.00	14.39 -0.08 0.00	19.74 -0.06 0.00	23.11 -0.07 0.00	22.76 -0.14 0.00	20.79 -0.15 0.00	22.38 -0.06 0.00	22.93 -0.01 0.00	18.60 -0.08 0.00
ALCOA___DSASP 323711	16.37 -0.03 0.00	16.98 -0.03 0.00	17.46 -0.07 0.00	14.10 -0.09 0.00	17.51 -0.15 0.00	16.39 -0.11 0.00	18.27 -0.13 0.00	17.38 -0.18 0.00	17.46 -0.14 0.00	15.51 -0.17 0.00	15.18 -0.10 0.00	13.16 -0.05 0.00	10.61 -0.03 0.00	9.25 0.00 0.00	10.45 -0.05 0.00	10.33 -0.07 0.00	14.39 -0.08 0.00	19.74 -0.06 0.00	23.11 -0.07 0.00	22.76 -0.14 0.00	20.79 -0.15 0.00	22.38 -0.06 0.00	22.93 -0.01 0.00	18.61 -0.08 0.00
ALLEGHENY___COGEN 23514	16.12 -0.28 0.00	17.00 -0.01 0.00	17.63 0.10 0.00	14.22 0.04 0.00	17.66 0.01 0.00	16.49 -0.01 0.00	18.33 -0.07 0.00	17.50 -0.06 0.00	17.37 -0.24 0.00	15.16 -0.52 0.00	14.56 -0.73 0.00	12.44 -0.77 0.00	10.09 -0.55 0.00	8.81 -0.44 0.00	10.05 -0.44 0.00	9.99 -0.41 0.00	14.18 -0.30 0.00	19.23 -0.57 0.00	22.93 -0.25 0.00	22.87 -0.03 0.00	21.25 0.31 0.00	22.80 0.36 0.00	23.28 0.34 0.00	19.25 0.57 0.00
ALTAMONT_115KV_TB 2 55880	16.68 0.28 0.00	17.28 0.27 0.00	17.82 0.29 0.00	14.44 0.25 0.00	18.00 0.34 0.00	16.80 0.29 0.00	18.73 0.33 0.00	17.90 0.34 0.00	17.96 0.35 0.00	16.02 0.35 0.00	15.60 0.32 0.00	13.51 0.30 0.00	10.86 0.21 0.00	9.41 0.16 0.00	10.70 0.21 0.00	10.61 0.22 0.00	14.76 0.29 0.00	20.22 0.41 0.00	23.70 0.52 0.00	23.45 0.55 0.00	21.40 0.46 0.00	22.90 0.46 0.00	23.36 0.42 0.00	18.98 0.30 0.00
ALTONA_WT_PWR 323606	16.42 0.03 0.00	17.03 0.02 0.00	17.54 0.00 0.00	14.21 0.03 0.00	17.73 0.08 0.00	16.55 0.05 0.00	18.42 0.02 0.00	17.24 -0.32 0.00	17.42 -0.19 0.00	15.48 -0.20 0.00	15.07 -0.21 0.00	13.11 -0.10 0.00	10.58 -0.07 0.00	9.23 -0.02 0.00	10.31 -0.19 0.00	10.12 -0.28 0.00	14.20 -0.27 0.00	19.54 -0.27 0.00	22.88 -0.31 0.00	22.33 -0.57 0.00	20.31 -0.63 0.00	21.87 -0.57 0.00	22.42 -0.53 0.00	18.09 -0.59 0.00
AMERICAN_REF_FUEL 24010	15.15 -1.25 0.00	15.95 -1.06 0.00	16.47 -1.06 0.00	13.27 -0.92 0.00	16.37 -1.28 0.00	15.43 -1.08 0.00	16.99 -1.40 0.00	16.05 -1.51 0.00	15.94 -1.67 0.00	13.93 -1.75 0.00	13.47 -1.81 0.00	11.53 -1.69 0.00	9.40 -1.25 0.00	8.28 -0.97 0.00	9.35 -1.14 0.00	9.40 -0.99 0.00	13.18 -1.29 0.00	17.81 -1.99 0.00	20.71 -2.48 0.00	20.28 -2.62 0.00	18.71 -2.23 0.00	20.17 -2.27 0.00	20.92 -2.03 0.00	17.76 -0.92 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	15.55 -0.85 0.00	16.31 -0.70 0.00	16.91 -0.62 0.00	13.68 -0.50 0.00	16.86 -0.79 0.00	15.76 -0.75 0.00	17.63 -0.76 0.00	16.76 -0.80 0.00	16.59 -1.01 0.00	14.51 -1.17 0.00	14.00 -1.28 0.00	11.79 -1.42 0.00	9.63 -1.01 0.00	8.58 -0.67 0.00	9.76 -0.73 0.00	9.80 -0.59 0.00	13.67 -0.80 0.00	18.33 -1.48 0.00	21.40 -1.78 0.00	20.98 -1.92 0.00	19.60 -1.34 0.00	21.40 -1.04 0.00	22.13 -0.81 0.00	18.51 -0.17 0.00
ARTHUR KILL_GT_1 23520	17.34 0.94 0.00	17.92 0.91 0.00	18.41 0.88 0.00	14.94 0.75 0.00	18.63 0.98 0.00	17.38 0.88 0.00	19.24 0.84 0.00	18.37 0.81 0.00	18.37 0.76 0.00	16.41 0.73 0.00	15.98 0.70 0.00	13.78 0.57 0.00	11.08 0.43 0.00	9.59 0.34 0.00	10.95 0.46 0.00	10.89 0.49 0.00	15.13 0.65 0.00	20.76 0.95 0.00	24.38 1.20 0.00	24.20 1.30 0.00	22.13 1.19 0.00	23.56 1.12 0.00	24.04 1.09 0.00	19.44 0.76 0.00
ARTHUR_KILL_2 23512	17.29 0.89 0.00	17.88 0.87 0.00	18.37 0.83 0.00	14.90 0.72 0.00	18.58 0.93 0.00	17.34 0.84 0.00	19.19 0.80 0.00	18.33 0.77 0.00	18.32 0.71 0.00	16.37 0.69 0.00	15.94 0.66 0.00	13.76 0.54 0.00	11.06 0.41 0.00	9.58 0.33 0.00	10.93 0.43 0.00	10.86 0.47 0.00	15.09 0.62 0.00	20.71 0.91 0.00	24.32 1.14 0.00	24.13 1.24 0.00	22.07 1.13 0.00	23.50 1.05 0.00	23.97 1.02 0.00	19.39 0.71 0.00
ARTHUR_KILL_3 23513	16.98 0.58 0.00	17.55 0.54 0.00	18.04 0.50 0.00	14.62 0.44 0.00	18.22 0.56 0.00	16.99 0.49 0.00	19.03 0.64 0.00	18.29 0.72 0.00	18.29 0.69 0.00	16.33 0.65 0.00	15.93 0.65 0.00	13.76 0.55 0.00	11.07 0.42 0.00	9.58 0.33 0.00	10.94 0.45 0.00	10.88 0.48 0.00	15.12 0.65 0.00	20.72 0.92 0.00	24.33 1.15 0.00	24.13 1.23 0.00	22.06 1.12 0.00	23.48 1.04 0.00	23.94 0.99 0.00	19.36 0.67 0.00

ARTHUR_KILL_COGEN 323718	17.34 0.94 0.00	17.92 0.91 0.00	18.41 0.88 0.00	14.94 0.75 0.00	18.63 0.98 0.00	17.38 0.88 0.00	19.24 0.84 0.00	18.37 0.81 0.00	18.37 0.76 0.00	16.41 0.73 0.00	15.98 0.70 0.00	13.78 0.57 0.00	11.08 0.43 0.00	9.59 0.34 0.00	10.95 0.46 0.00	10.89 0.49 0.00	15.13 0.65 0.00	20.76 0.95 0.00	24.38 1.20 0.00	24.20 1.30 0.00	22.13 1.19 0.00	23.56 1.12 0.00	24.04 1.09 0.00	19.44 0.76 0.00
ASHOKAN____ 23654	17.07 0.67 0.00	17.65 0.64 0.00	18.21 0.67 0.00	14.74 0.55 0.00	18.37 0.71 0.00	17.16 0.66 0.00	19.17 0.78 0.00	18.36 0.80 0.00	18.45 0.85 0.00	16.29 0.61 0.00	15.84 0.56 0.00	13.69 0.48 0.00	11.01 0.37 0.00	9.58 0.33 0.00	10.87 0.38 0.00	10.80 0.40 0.00	15.00 0.53 0.00	20.75 0.95 0.00	24.38 1.19 0.00	24.24 1.34 0.00	22.09 1.15 0.00	23.60 1.15 0.00	24.01 1.07 0.00	19.44 0.76 0.00
ASTORIA_EAST_ENERGY_CC1 323581	17.01 0.61 0.00	17.58 0.57 0.00	18.10 0.57 0.01	14.65 0.47 0.00	18.27 0.61 0.00	17.01 0.52 0.01	19.06 0.67 0.01	18.29 0.73 0.00	18.30 0.70 0.00	16.36 0.68 0.00	16.03 0.75 0.00	13.83 0.61 0.00	11.11 0.47 0.00	9.63 0.38 0.00	10.98 0.49 0.00	10.92 0.52 0.00	15.18 0.71 0.00	20.75 0.95 0.00	24.36 1.18 0.00	24.19 1.29 0.00	22.13 1.19 0.00	23.52 1.08 0.00	23.94 1.00 0.00	19.40 0.72 0.00
ASTORIA_EAST_ENERGY_CC2 323582	17.01 0.61 0.00	17.58 0.57 0.00	18.10 0.57 0.01	14.65 0.46 0.00	18.27 0.61 0.00	17.01 0.52 0.01	19.06 0.67 0.01	18.29 0.73 0.00	18.30 0.70 0.00	16.36 0.68 0.00	16.03 0.74 0.00	13.83 0.61 0.00	11.11 0.47 0.00	9.63 0.38 0.00	10.98 0.49 0.00	10.92 0.52 0.00	15.18 0.71 0.00	20.75 0.95 0.00	24.36 1.18 0.00	24.19 1.29 0.00	22.13 1.19 0.00	23.52 1.08 0.00	23.94 1.00 0.00	19.40 0.72 0.00
ASTORIA_GT2_1 24094	17.02 0.61 0.00	17.59 0.58 0.00	18.10 0.57 0.00	14.65 0.47 0.00	18.27 0.62 0.00	17.02 0.52 0.01	19.06 0.67 0.01	18.30 0.74 0.00	18.31 0.70 0.00	16.37 0.69 0.00	16.03 0.75 0.00	13.83 0.62 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.98 0.49 0.00	10.92 0.52 0.00	15.18 0.71 0.00	20.76 0.96 0.00	24.37 1.19 0.00	24.20 1.30 0.00	22.15 1.21 0.00	23.53 1.09 0.00	23.96 1.02 0.00	19.40 0.72 0.00
ASTORIA_GT2_2 24095	17.02 0.61 0.00	17.59 0.58 0.00	18.10 0.57 0.00	14.65 0.47 0.00	18.27 0.62 0.00	17.02 0.52 0.01	19.06 0.67 0.01	18.30 0.74 0.00	18.31 0.70 0.00	16.37 0.69 0.00	16.03 0.75 0.00	13.83 0.62 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.98 0.49 0.00	10.92 0.52 0.00	15.18 0.71 0.00	20.76 0.96 0.00	24.37 1.19 0.00	24.20 1.30 0.00	22.15 1.21 0.00	23.53 1.09 0.00	23.96 1.02 0.00	19.40 0.72 0.00
ASTORIA_GT2_3 24096	17.02 0.61 0.00	17.59 0.58 0.00	18.10 0.57 0.00	14.65 0.47 0.00	18.27 0.62 0.00	17.02 0.52 0.01	19.06 0.67 0.01	18.30 0.74 0.00	18.31 0.70 0.00	16.37 0.69 0.00	16.03 0.75 0.00	13.83 0.62 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.98 0.49 0.00	10.92 0.52 0.00	15.18 0.71 0.00	20.76 0.96 0.00	24.37 1.19 0.00	24.20 1.30 0.00	22.15 1.21 0.00	23.53 1.09 0.00	23.96 1.02 0.00	19.40 0.72 0.00
ASTORIA_GT2_4 24097	17.02 0.61 0.00	17.59 0.58 0.00	18.10 0.57 0.00	14.65 0.47 0.00	18.27 0.62 0.00	17.02 0.52 0.01	19.06 0.67 0.01	18.30 0.74 0.00	18.31 0.70 0.00	16.37 0.69 0.00	16.03 0.75 0.00	13.83 0.62 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.98 0.49 0.00	10.92 0.52 0.00	15.18 0.71 0.00	20.76 0.96 0.00	24.37 1.19 0.00	24.20 1.30 0.00	22.15 1.21 0.00	23.53 1.09 0.00	23.96 1.02 0.00	19.40 0.72 0.00
ASTORIA_GT3_1 24098	17.02 0.61 0.00	17.59 0.58 0.00	18.10 0.57 0.00	14.65 0.47 0.00	18.27 0.62 0.00	17.02 0.52 0.01	19.06 0.67 0.01	18.30 0.74 0.00	18.31 0.70 0.00	16.37 0.69 0.00	16.03 0.75 0.00	13.83 0.62 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.98 0.49 0.00	10.92 0.52 0.00	15.18 0.71 0.00	20.76 0.96 0.00	24.37 1.19 0.00	24.20 1.30 0.00	22.15 1.21 0.00	23.53 1.09 0.00	23.96 1.02 0.00	19.40 0.72 0.00
ASTORIA_GT3_2 24099	17.02 0.61 0.00	17.59 0.58 0.00	18.10 0.57 0.00	14.65 0.47 0.00	18.27 0.62 0.00	17.02 0.52 0.01	19.06 0.67 0.01	18.30 0.74 0.00	18.31 0.70 0.00	16.37 0.69 0.00	16.03 0.75 0.00	13.83 0.62 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.98 0.49 0.00	10.92 0.52 0.00	15.18 0.71 0.00	20.76 0.96 0.00	24.37 1.19 0.00	24.20 1.30 0.00	22.15 1.21 0.00	23.53 1.09 0.00	23.96 1.02 0.00	19.40 0.72 0.00
ASTORIA_GT3_3 24100	17.02 0.61 0.00	17.59 0.58 0.00	18.10 0.57 0.00	14.65 0.47 0.00	18.27 0.62 0.00	17.02 0.52 0.01	19.06 0.67 0.01	18.30 0.74 0.00	18.31 0.70 0.00	16.37 0.69 0.00	16.03 0.75 0.00	13.83 0.62 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.98 0.49 0.00	10.92 0.52 0.00	15.18 0.71 0.00	20.76 0.96 0.00	24.37 1.19 0.00	24.20 1.30 0.00	22.15 1.21 0.00	23.53 1.09 0.00	23.96 1.02 0.00	19.40 0.72 0.00
ASTORIA_GT3_4 24101	17.02 0.61 0.00	17.59 0.58 0.00	18.10 0.57 0.00	14.65 0.47 0.00	18.27 0.62 0.00	17.02 0.52 0.01	19.06 0.67 0.01	18.30 0.74 0.00	18.31 0.70 0.00	16.37 0.69 0.00	16.03 0.75 0.00	13.83 0.62 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.98 0.49 0.00	10.92 0.52 0.00	15.18 0.71 0.00	20.76 0.96 0.00	24.37 1.19 0.00	24.20 1.30 0.00	22.15 1.21 0.00	23.53 1.09 0.00	23.96 1.02 0.00	19.40 0.72 0.00
ASTORIA_GT4_1 24102	17.02 0.61 0.00	17.59 0.58 0.00	18.10 0.57 0.00	14.65 0.47 0.00	18.27 0.62 0.00	17.02 0.52 0.01	19.06 0.67 0.01	18.30 0.74 0.00	18.31 0.70 0.00	16.37 0.69 0.00	16.03 0.75 0.00	13.83 0.62 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.98 0.49 0.00	10.92 0.52 0.00	15.18 0.71 0.00	20.76 0.96 0.00	24.37 1.19 0.00	24.20 1.30 0.00	22.15 1.21 0.00	23.53 1.09 0.00	23.96 1.02 0.00	19.40 0.72 0.00
ASTORIA_GT4_2 24103	17.02 0.61 0.00	17.59 0.58 0.00	18.10 0.57 0.00	14.65 0.47 0.00	18.27 0.62 0.00	17.02 0.52 0.01	19.06 0.67 0.01	18.30 0.74 0.00	18.31 0.70 0.00	16.37 0.69 0.00	16.03 0.75 0.00	13.83 0.62 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.98 0.49 0.00	10.92 0.52 0.00	15.18 0.71 0.00	20.76 0.96 0.00	24.37 1.19 0.00	24.20 1.30 0.00	22.15 1.21 0.00	23.53 1.09 0.00	23.96 1.02 0.00	19.40 0.72 0.00
ASTORIA_GT4_3 24104	17.02 0.61 0.00	17.59 0.58 0.00	18.10 0.57 0.00	14.65 0.47 0.00	18.27 0.62 0.00	17.02 0.52 0.01	19.06 0.67 0.01	18.30 0.74 0.00	18.31 0.70 0.00	16.37 0.69 0.00	16.03 0.75 0.00	13.83 0.62 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.98 0.49 0.00	10.92 0.52 0.00	15.18 0.71 0.00	20.76 0.96 0.00	24.37 1.19 0.00	24.20 1.30 0.00	22.15 1.21 0.00	23.53 1.09 0.00	23.96 1.02 0.00	19.40 0.72 0.00

ASTORIA_GT4_4 24105	17.02 0.61 0.00	17.59 0.58 0.00	18.10 0.57 0.00	14.65 0.47 0.00	18.27 0.62 0.00	17.02 0.52 0.01	19.06 0.67 0.01	18.30 0.74 0.00	18.31 0.70 0.00	16.37 0.69 0.00	16.03 0.75 0.00	13.83 0.62 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.98 0.49 0.00	10.92 0.52 0.00	15.18 0.71 0.00	20.76 0.96 0.00	24.37 1.19 0.00	24.20 1.30 0.00	22.15 1.21 0.00	23.53 1.09 0.00	23.96 1.02 0.00	19.40 0.72 0.00
ASTORIA_GT_1 23523	17.05 0.64 0.00	17.62 0.61 0.00	18.14 0.60 0.01	14.67 0.49 0.00	18.30 0.65 0.00	17.05 0.55 0.01	19.10 0.71 0.01	18.33 0.77 0.00	18.34 0.73 0.00	16.40 0.72 0.00	16.06 0.78 0.00	13.85 0.64 0.00	11.14 0.49 0.00	9.65 0.40 0.00	11.00 0.51 0.00	10.94 0.54 0.00	15.20 0.74 0.00	20.80 0.99 0.00	24.41 1.23 0.00	24.24 1.34 0.00	22.19 1.25 0.00	23.58 1.13 0.00	23.99 1.05 0.00	19.44 0.77 0.00
ASTORIA_GT_10 24110	17.14 0.74 0.00	17.71 0.70 0.00	18.22 0.68 0.00	14.76 0.57 0.00	18.39 0.73 0.00	17.15 0.65 0.00	19.19 0.80 0.00	18.42 0.86 0.00	18.42 0.82 0.00	16.45 0.77 0.00	16.07 0.79 0.00	13.87 0.66 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.96 0.57 0.00	15.24 0.77 0.00	20.88 1.08 0.00	24.51 1.33 0.00	24.31 1.41 0.00	22.24 1.30 0.00	23.67 1.22 0.00	24.13 1.18 0.00	19.52 0.83 0.00
ASTORIA_GT_11 24225	17.14 0.74 0.00	17.71 0.70 0.00	18.22 0.68 0.00	14.76 0.57 0.00	18.39 0.73 0.00	17.15 0.65 0.00	19.19 0.80 0.00	18.42 0.86 0.00	18.42 0.82 0.00	16.45 0.77 0.00	16.07 0.79 0.00	13.87 0.66 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.96 0.57 0.00	15.24 0.77 0.00	20.88 1.08 0.00	24.51 1.33 0.00	24.31 1.41 0.00	22.24 1.30 0.00	23.67 1.22 0.00	24.13 1.18 0.00	19.52 0.83 0.00
ASTORIA_GT_12 24226	17.14 0.74 0.00	17.71 0.70 0.00	18.22 0.68 0.00	14.76 0.57 0.00	18.39 0.73 0.00	17.15 0.65 0.00	19.19 0.80 0.00	18.42 0.86 0.00	18.42 0.82 0.00	16.45 0.77 0.00	16.07 0.79 0.00	13.87 0.66 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.96 0.57 0.00	15.24 0.77 0.00	20.88 1.08 0.00	24.51 1.33 0.00	24.31 1.41 0.00	22.24 1.30 0.00	23.67 1.22 0.00	24.13 1.18 0.00	19.52 0.83 0.00
ASTORIA_GT_13 24227	17.14 0.74 0.00	17.71 0.70 0.00	18.22 0.68 0.00	14.76 0.57 0.00	18.39 0.73 0.00	17.15 0.65 0.00	19.19 0.80 0.00	18.42 0.86 0.00	18.42 0.82 0.00	16.45 0.77 0.00	16.07 0.79 0.00	13.87 0.66 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.96 0.57 0.00	15.24 0.77 0.00	20.88 1.08 0.00	24.51 1.33 0.00	24.31 1.41 0.00	22.24 1.30 0.00	23.67 1.22 0.00	24.13 1.18 0.00	19.52 0.83 0.00
ASTORIA_GT_5 24106	17.05 0.64 0.00	17.62 0.61 0.00	18.13 0.59 0.00	14.68 0.49 0.00	18.30 0.64 0.00	17.05 0.55 0.01	19.10 0.71 0.01	18.33 0.77 0.00	18.34 0.73 0.00	16.40 0.72 0.00	16.06 0.78 0.00	13.85 0.64 0.00	11.14 0.49 0.00	9.65 0.40 0.00	11.00 0.51 0.00	10.94 0.54 0.00	15.20 0.74 0.00	20.80 0.99 0.00	24.42 1.23 0.00	24.24 1.34 0.00	22.19 1.25 0.00	23.57 1.13 0.00	23.99 1.05 0.00	19.43 0.75 0.00
ASTORIA_GT_7 24107	17.05 0.64 0.00	17.62 0.61 0.00	18.13 0.59 0.00	14.68 0.49 0.00	18.30 0.64 0.00	17.05 0.55 0.01	19.10 0.71 0.01	18.33 0.77 0.00	18.34 0.73 0.00	16.40 0.72 0.00	16.06 0.78 0.00	13.85 0.64 0.00	11.14 0.49 0.00	9.65 0.40 0.00	11.00 0.51 0.00	10.94 0.54 0.00	15.20 0.74 0.00	20.80 0.99 0.00	24.42 1.23 0.00	24.24 1.34 0.00	22.19 1.25 0.00	23.57 1.13 0.00	23.99 1.05 0.00	19.43 0.75 0.00
ASTORIA_GT_8 24108	17.05 0.64 0.00	17.62 0.61 0.00	18.13 0.59 0.00	14.68 0.49 0.00	18.30 0.64 0.00	17.05 0.55 0.01	19.10 0.71 0.01	18.33 0.77 0.00	18.34 0.73 0.00	16.40 0.72 0.00	16.06 0.78 0.00	13.85 0.64 0.00	11.14 0.49 0.00	9.65 0.40 0.00	11.00 0.51 0.00	10.94 0.54 0.00	15.20 0.74 0.00	20.80 0.99 0.00	24.42 1.23 0.00	24.24 1.34 0.00	22.19 1.25 0.00	23.57 1.13 0.00	23.99 1.05 0.00	19.43 0.75 0.00
ASTORIA___2 24149	17.01 0.61 0.00	17.59 0.58 0.00	18.10 0.57 0.01	14.65 0.47 0.00	18.28 0.62 0.00	17.02 0.52 0.01	19.06 0.67 0.01	18.29 0.74 0.00	18.31 0.70 0.00	16.37 0.69 0.00	16.03 0.75 0.00	13.83 0.62 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.98 0.49 0.00	10.92 0.52 0.00	15.18 0.71 0.00	20.76 0.96 0.00	24.37 1.19 0.00	24.20 1.30 0.00	22.15 1.21 0.00	23.53 1.09 0.00	23.96 1.02 0.00	19.41 0.73 0.00
ASTORIA___3 23516	17.14 0.74 0.00	17.71 0.70 0.00	18.22 0.68 0.00	14.75 0.57 0.00	18.39 0.73 0.00	17.15 0.65 0.00	19.19 0.80 0.00	18.42 0.86 0.00	18.42 0.82 0.00	16.45 0.77 0.00	16.07 0.79 0.00	13.87 0.66 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.96 0.57 0.00	15.24 0.77 0.00	20.88 1.08 0.00	24.51 1.33 0.00	24.31 1.42 0.00	22.24 1.30 0.00	23.67 1.22 0.00	24.12 1.18 0.00	19.52 0.84 0.00
ASTORIA___4 23517	17.14 0.74 0.00	17.71 0.70 0.00	18.22 0.68 0.00	14.76 0.57 0.00	18.39 0.73 0.00	17.15 0.65 0.00	19.19 0.80 0.00	18.42 0.86 0.00	18.42 0.82 0.00	16.45 0.77 0.00	16.07 0.79 0.00	13.87 0.66 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.96 0.57 0.00	15.24 0.77 0.00	20.88 1.08 0.00	24.51 1.33 0.00	24.31 1.41 0.00	22.24 1.30 0.00	23.67 1.22 0.00	24.13 1.18 0.00	19.52 0.83 0.00
ASTORIA___5 23518	17.14 0.74 0.00	17.71 0.70 0.00	18.22 0.68 0.00	14.76 0.57 0.00	18.39 0.73 0.00	17.15 0.65 0.00	19.19 0.80 0.00	18.42 0.86 0.00	18.42 0.82 0.00	16.45 0.77 0.00	16.07 0.79 0.00	13.87 0.66 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.96 0.57 0.00	15.24 0.77 0.00	20.88 1.08 0.00	24.51 1.33 0.00	24.31 1.42 0.00	22.24 1.30 0.00	23.67 1.22 0.00	24.12 1.18 0.00	19.52 0.84 0.00
AST_ENERGY_2_CC3 323677	17.10 0.70 0.00	17.67 0.66 0.00	18.16 0.63 0.00	14.72 0.54 0.00	18.34 0.69 0.00	17.11 0.60 0.00	19.13 0.74 0.00	18.39 0.83 0.00	18.39 0.79 0.00	16.41 0.73 0.00	16.02 0.74 0.00	13.84 0.62 0.00	11.13 0.48 0.00	9.64 0.39 0.00	11.00 0.51 0.00	10.94 0.55 0.00	15.21 0.74 0.00	20.85 1.04 0.00	24.48 1.30 0.00	24.27 1.37 0.00	22.19 1.25 0.00	23.63 1.19 0.00	24.07 1.13 0.00	19.47 0.79 0.00
AST_ENERGY_2_CC4 323678	17.10 0.70 0.00	17.67 0.66 0.00	18.16 0.63 0.00	14.72 0.54 0.00	18.34 0.69 0.00	17.11 0.60 0.00	19.13 0.74 0.00	18.39 0.83 0.00	18.39 0.79 0.00	16.41 0.73 0.00	16.02 0.74 0.00	13.84 0.62 0.00	11.13 0.48 0.00	9.64 0.39 0.00	11.00 0.51 0.00	10.94 0.55 0.00	15.21 0.74 0.00	20.85 1.04 0.00	24.48 1.30 0.00	24.27 1.37 0.00	22.19 1.25 0.00	23.63 1.19 0.00	24.07 1.13 0.00	19.47 0.79 0.00

ATHENS_STG_1 23668	16.70 0.30 0.00	17.29 0.28 0.00	17.83 0.30 0.00	14.44 0.26 0.00	18.00 0.34 0.00	16.80 0.29 0.00	18.76 0.36 0.00	17.94 0.38 0.00	17.98 0.38 0.00	16.07 0.39 0.00	15.66 0.39 0.00	13.55 0.33 0.00	10.89 0.25 0.00	9.43 0.18 0.00	10.74 0.25 0.00	10.66 0.26 0.00	14.82 0.35 0.00	20.31 0.51 0.00	23.78 0.60 0.00	23.52 0.62 0.00	21.48 0.54 0.00	22.96 0.51 0.00	23.41 0.47 0.00	18.99 0.31 0.00
ATHENS_STG_2 23670	16.70 0.30 0.00	17.29 0.28 0.00	17.83 0.30 0.00	14.44 0.26 0.00	18.00 0.34 0.00	16.80 0.29 0.00	18.76 0.36 0.00	17.94 0.38 0.00	17.98 0.38 0.00	16.07 0.39 0.00	15.66 0.39 0.00	13.55 0.33 0.00	10.89 0.25 0.00	9.43 0.18 0.00	10.74 0.25 0.00	10.66 0.26 0.00	14.82 0.35 0.00	20.31 0.51 0.00	23.78 0.60 0.00	23.52 0.62 0.00	21.48 0.54 0.00	22.96 0.51 0.00	23.41 0.47 0.00	18.99 0.31 0.00
ATHENS_STG_3 23677	16.70 0.30 0.00	17.29 0.28 0.00	17.83 0.30 0.00	14.44 0.26 0.00	18.00 0.34 0.00	16.80 0.29 0.00	18.76 0.36 0.00	17.94 0.38 0.00	17.98 0.38 0.00	16.07 0.39 0.00	15.66 0.39 0.00	13.55 0.33 0.00	10.89 0.25 0.00	9.43 0.18 0.00	10.74 0.25 0.00	10.66 0.26 0.00	14.82 0.35 0.00	20.31 0.51 0.00	23.78 0.60 0.00	23.52 0.62 0.00	21.48 0.54 0.00	22.96 0.51 0.00	23.41 0.47 0.00	18.99 0.31 0.00
AUBURN___LFGE 323710	16.40 0.00 0.00	17.12 0.10 0.00	17.68 0.14 0.00	14.30 0.11 0.00	17.77 0.12 0.00	16.64 0.13 0.00	18.57 0.18 0.00	17.67 0.11 0.00	17.71 0.11 0.00	15.72 0.04 0.00	15.26 -0.02 0.00	13.09 -0.13 0.00	10.58 -0.06 0.00	9.25 0.00 0.00	10.46 -0.04 0.00	10.36 -0.04 0.00	14.55 0.07 0.00	19.88 0.07 0.00	23.25 0.07 0.00	23.01 0.11 0.00	21.08 0.14 0.00	22.49 0.04 0.00	23.06 0.11 0.00	18.92 0.23 0.00
BABYLON_RES_REC 323704	17.28 0.88 0.00	17.85 0.84 0.00	18.34 0.80 0.00	14.84 0.66 0.00	18.48 0.82 0.00	17.22 0.72 0.00	19.25 0.86 0.00	18.45 0.90 0.00	18.40 0.79 0.00	16.38 0.70 0.00	16.03 0.75 0.00	13.80 0.58 0.00	11.07 0.43 0.00	9.58 0.33 0.00	10.94 0.45 0.00	10.93 0.54 0.00	15.26 0.79 0.00	20.93 1.13 0.00	24.60 1.42 0.00	24.28 1.39 0.00	22.27 1.33 0.00	23.81 1.37 0.00	24.23 1.29 0.00	19.62 0.94 0.00
BABYLON__69_KV_BK2 356345	17.43 1.04 0.00	18.01 1.00 0.00	18.49 0.96 0.00	14.97 0.78 0.00	18.64 0.98 0.00	17.37 0.86 0.00	19.41 1.02 0.00	18.61 1.05 0.00	18.54 0.94 0.00	16.50 0.82 0.00	16.14 0.86 0.00	13.89 0.68 0.00	11.15 0.50 0.00	9.65 0.40 0.00	11.02 0.53 0.00	11.02 0.62 0.00	15.37 0.90 0.00	21.10 1.29 0.00	24.81 1.63 0.00	24.48 1.58 0.00	22.45 1.51 0.00	24.02 1.58 0.00	24.44 1.49 0.00	19.78 1.10 0.00
BALL_HILL_WT_PWR 323825	15.57 -0.83 0.00	16.37 -0.64 0.00	16.91 -0.63 0.00	13.66 -0.53 0.00	16.88 -0.77 0.00	15.83 -0.68 0.00	17.57 -0.82 0.00	16.71 -0.85 0.00	16.54 -1.06 0.00	14.49 -1.19 0.00	13.98 -1.30 0.00	11.90 -1.31 0.00	9.71 -0.94 0.00	8.58 -0.67 0.00	9.74 -0.76 0.00	9.77 -0.63 0.00	13.68 -0.79 0.00	18.47 -1.33 0.00	21.49 -1.69 0.00	21.08 -1.81 0.00	19.53 -1.41 0.00	21.14 -1.30 0.00	21.90 -1.05 0.00	18.36 -0.32 0.00
BARON_WINDS___WT_PWR 323822	15.48 -0.93 0.00	16.44 -0.58 0.00	17.10 -0.43 0.00	13.77 -0.41 0.00	17.16 -0.50 0.00	15.93 -0.58 0.00	17.69 -0.71 0.00	16.91 -0.65 0.00	16.80 -0.80 0.00	14.93 -0.75 0.00	14.51 -0.77 0.00	12.31 -0.90 0.00	10.00 -0.64 0.00	8.73 -0.52 0.00	9.96 -0.53 0.00	9.92 -0.48 0.00	14.05 -0.42 0.00	19.22 -0.59 0.00	22.53 -0.66 0.00	22.24 -0.66 0.00	20.69 -0.25 0.00	22.21 -0.23 0.00	22.63 -0.31 0.00	18.63 -0.05 0.00
BARRETT_IC_1 23704	17.21 0.81 0.00	17.78 0.77 0.00	18.27 0.73 0.00	14.79 0.60 0.00	18.43 0.77 0.00	17.18 0.68 0.00	19.19 0.79 0.00	18.42 0.86 0.00	18.40 0.79 0.00	16.39 0.71 0.00	16.04 0.76 0.00	13.83 0.62 0.00	11.10 0.45 0.00	9.61 0.36 0.00	10.97 0.48 0.00	10.94 0.54 0.00	15.25 0.78 0.00	20.88 1.07 0.00	24.49 1.31 0.00	24.18 1.27 0.00	22.17 1.23 0.00	23.72 1.27 0.00	24.17 1.22 -0.01	19.55 0.87 0.00
BARRETT_IC_10 23701	17.21 0.81 0.00	17.78 0.77 0.00	18.27 0.73 0.00	14.79 0.60 0.00	18.43 0.77 0.00	17.18 0.68 0.00	19.19 0.79 0.00	18.42 0.86 0.00	18.40 0.79 0.00	16.39 0.71 0.00	16.04 0.76 0.00	13.83 0.62 0.00	11.10 0.45 0.00	9.61 0.36 0.00	10.97 0.48 0.00	10.94 0.54 0.00	15.25 0.78 0.00	20.88 1.07 0.00	24.49 1.31 0.00	24.18 1.27 0.00	22.17 1.23 0.00	23.72 1.27 0.00	24.17 1.22 -0.01	19.55 0.87 0.00
BARRETT_IC_11 23702	17.21 0.81 0.00	17.78 0.77 0.00	18.27 0.73 0.00	14.79 0.60 0.00	18.43 0.77 0.00	17.18 0.68 0.00	19.19 0.79 0.00	18.42 0.86 0.00	18.40 0.79 0.00	16.39 0.71 0.00	16.04 0.76 0.00	13.83 0.62 0.00	11.10 0.45 0.00	9.61 0.36 0.00	10.97 0.48 0.00	10.94 0.54 0.00	15.25 0.78 0.00	20.88 1.07 0.00	24.49 1.31 0.00	24.18 1.27 0.00	22.17 1.23 0.00	23.72 1.27 0.00	24.17 1.22 -0.01	19.55 0.87 0.00
BARRETT_IC_12 23703	17.21 0.81 0.00	17.78 0.77 0.00	18.27 0.73 0.00	14.79 0.60 0.00	18.43 0.77 0.00	17.18 0.68 0.00	19.19 0.79 0.00	18.42 0.86 0.00	18.40 0.79 0.00	16.39 0.71 0.00	16.04 0.76 0.00	13.83 0.62 0.00	11.10 0.45 0.00	9.61 0.36 0.00	10.97 0.48 0.00	10.94 0.54 0.00	15.25 0.78 0.00	20.88 1.07 0.00	24.49 1.31 0.00	24.18 1.27 0.00	22.17 1.23 0.00	23.72 1.27 0.00	24.17 1.22 -0.01	19.55 0.87 0.00
BARRETT_IC_2 23705	17.21 0.81 0.00	17.78 0.77 0.00	18.27 0.73 0.00	14.79 0.60 0.00	18.43 0.77 0.00	17.18 0.68 0.00	19.19 0.79 0.00	18.42 0.86 0.00	18.40 0.79 0.00	16.39 0.71 0.00	16.04 0.76 0.00	13.83 0.62 0.00	11.10 0.45 0.00	9.61 0.36 0.00	10.97 0.48 0.00	10.94 0.54 0.00	15.25 0.78 0.00	20.88 1.07 0.00	24.49 1.31 0.00	24.18 1.27 0.00	22.17 1.23 0.00	23.72 1.27 0.00	24.17 1.22 -0.01	19.55 0.87 0.00
BARRETT_IC_3 23706	17.21 0.81 0.00	17.78 0.77 0.00	18.27 0.73 0.00	14.79 0.60 0.00	18.43 0.77 0.00	17.18 0.68 0.00	19.19 0.79 0.00	18.42 0.86 0.00	18.40 0.79 0.00	16.39 0.71 0.00	16.04 0.76 0.00	13.83 0.62 0.00	11.10 0.45 0.00	9.61 0.36 0.00	10.97 0.48 0.00	10.94 0.54 0.00	15.25 0.78 0.00	20.88 1.07 0.00	24.49 1.31 0.00	24.18 1.27 0.00	22.17 1.23 0.00	23.72 1.27 0.00	24.17 1.22 -0.01	19.55 0.87 0.00
BARRETT_IC_4 23707	17.21 0.81 0.00	17.78 0.77 0.00	18.27 0.73 0.00	14.79 0.60 0.00	18.43 0.77 0.00	17.18 0.68 0.00	19.19 0.79 0.00	18.42 0.86 0.00	18.40 0.79 0.00	16.39 0.71 0.00	16.04 0.76 0.00	13.83 0.62 0.00	11.10 0.45 0.00	9.61 0.36 0.00	10.97 0.48 0.00	10.94 0.54 0.00	15.25 0.78 0.00	20.88 1.07 0.00	24.49 1.31 0.00	24.18 1.27 0.00	22.17 1.23 0.00	23.72 1.27 0.00	24.17 1.22 -0.01	19.55 0.87 0.00

BARRETT_IC_5 23708	17.21 0.81 0.00	17.78 0.77 0.00	18.27 0.73 0.00	14.79 0.60 0.00	18.43 0.77 0.00	17.18 0.68 0.00	19.19 0.79 0.00	18.42 0.86 0.00	18.40 0.79 0.00	16.39 0.71 0.00	16.04 0.76 0.00	13.83 0.62 0.00	11.10 0.45 0.00	9.61 0.36 0.00	10.97 0.48 0.00	10.94 0.54 0.00	15.25 0.78 0.00	20.88 1.07 0.00	24.49 1.31 0.00	24.18 1.27 0.00	22.17 1.23 0.00	23.72 1.27 0.00	24.17 1.22 -0.01	19.55 0.87 0.00
BARRETT_IC_6 23709	17.21 0.81 0.00	17.78 0.77 0.00	18.27 0.73 0.00	14.79 0.60 0.00	18.43 0.77 0.00	17.18 0.68 0.00	19.19 0.79 0.00	18.42 0.86 0.00	18.40 0.79 0.00	16.39 0.71 0.00	16.04 0.76 0.00	13.83 0.62 0.00	11.10 0.45 0.00	9.61 0.36 0.00	10.97 0.48 0.00	10.94 0.54 0.00	15.25 0.78 0.00	20.88 1.07 0.00	24.49 1.31 0.00	24.18 1.27 0.00	22.17 1.23 0.00	23.72 1.27 0.00	24.17 1.22 -0.01	19.55 0.87 0.00
BARRETT_IC_7 23710	17.21 0.81 0.00	17.78 0.77 0.00	18.27 0.73 0.00	14.78 0.60 0.00	18.43 0.77 0.00	17.18 0.68 0.00	19.19 0.79 0.00	18.42 0.86 0.00	18.40 0.79 0.00	16.39 0.71 0.00	16.04 0.76 0.00	13.83 0.62 0.00	11.10 0.45 0.00	9.61 0.36 0.00	10.97 0.48 0.00	10.94 0.54 0.00	15.25 0.78 0.00	20.88 1.07 0.00	24.49 1.31 0.00	24.18 1.27 0.00	22.17 1.23 0.00	23.72 1.27 0.00	24.17 1.22 -0.01	19.55 0.86 0.00
BARRETT_IC_8 23711	17.21 0.81 0.00	17.78 0.77 0.00	18.27 0.73 0.00	14.79 0.60 0.00	18.43 0.77 0.00	17.18 0.68 0.00	19.19 0.79 0.00	18.42 0.86 0.00	18.40 0.79 0.00	16.39 0.71 0.00	16.04 0.76 0.00	13.83 0.62 0.00	11.10 0.45 0.00	9.61 0.36 0.00	10.97 0.48 0.00	10.94 0.54 0.00	15.25 0.78 0.00	20.88 1.07 0.00	24.49 1.31 0.00	24.18 1.27 0.00	22.17 1.23 0.00	23.72 1.27 0.00	24.17 1.22 -0.01	19.55 0.87 0.00
BARRETT_IC_9 23700	17.21 0.81 0.00	17.78 0.77 0.00	18.27 0.73 0.00	14.79 0.60 0.00	18.43 0.77 0.00	17.18 0.68 0.00	19.19 0.79 0.00	18.42 0.86 0.00	18.40 0.79 0.00	16.39 0.71 0.00	16.04 0.76 0.00	13.83 0.62 0.00	11.10 0.45 0.00	9.61 0.36 0.00	10.97 0.48 0.00	10.94 0.54 0.00	15.25 0.78 0.00	20.88 1.07 0.00	24.49 1.31 0.00	24.18 1.27 0.00	22.17 1.23 0.00	23.72 1.27 0.00	24.17 1.22 -0.01	19.55 0.87 0.00
BARRETT___1 23545	17.21 0.81 0.00	17.78 0.77 0.00	18.27 0.73 0.00	14.79 0.60 0.00	18.43 0.77 0.00	17.18 0.68 0.00	19.19 0.79 0.00	18.42 0.86 0.00	18.40 0.79 0.00	16.39 0.71 0.00	16.04 0.76 0.00	13.83 0.62 0.00	11.10 0.45 0.00	9.61 0.36 0.00	10.97 0.48 0.00	10.94 0.54 0.00	15.25 0.78 0.00	20.88 1.07 0.00	24.49 1.31 0.00	24.18 1.27 0.00	22.17 1.23 0.00	23.72 1.27 0.00	24.17 1.22 -0.01	19.55 0.87 0.00
BARRETT___2 23546	17.21 0.81 0.00	17.78 0.77 0.00	18.27 0.73 0.00	14.79 0.60 0.00	18.43 0.77 0.00	17.18 0.68 0.00	19.19 0.79 0.00	18.42 0.86 0.00	18.40 0.79 0.00	16.39 0.71 0.00	16.04 0.76 0.00	13.83 0.62 0.00	11.10 0.45 0.00	9.61 0.36 0.00	10.97 0.48 0.00	10.94 0.54 0.00	15.25 0.78 0.00	20.88 1.07 0.00	24.49 1.31 0.00	24.18 1.27 0.00	22.17 1.23 0.00	23.72 1.27 0.00	24.17 1.22 -0.01	19.55 0.87 0.00
BATAVIA___115KV_TB1 55881	15.79 -0.61 0.00	16.59 -0.42 0.00	17.12 -0.41 0.00	13.80 -0.38 0.00	17.06 -0.60 0.00	16.07 -0.44 0.00	17.76 -0.63 0.00	16.84 -0.72 0.00	16.74 -0.87 0.00	14.62 -1.06 0.00	14.09 -1.19 0.00	12.06 -1.16 0.00	9.87 -0.78 0.00	8.66 -0.59 0.00	9.83 -0.67 0.00	9.99 -0.40 0.00	13.78 -0.68 0.00	18.76 -1.04 0.00	21.89 -1.29 0.00	21.54 -1.36 0.00	19.85 -1.09 0.00	21.33 -1.12 0.00	22.02 -0.93 0.00	18.54 -0.14 0.00
BAYONEEC___CTG1 323682	17.08 0.68 0.00	17.65 0.64 0.00	18.14 0.60 0.00	14.70 0.52 0.00	18.32 0.67 0.00	17.08 0.58 0.00	19.12 0.72 0.00	18.36 0.80 0.00	18.37 0.77 0.00	16.40 0.71 0.00	16.00 0.72 0.00	13.82 0.61 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.92 0.53 0.00	15.19 0.72 0.00	20.82 1.01 0.00	24.44 1.26 0.00	24.24 1.34 0.00	22.17 1.23 0.00	23.59 1.15 0.00	24.05 1.10 0.00	19.45 0.76 0.00
BAYONEEC___CTG10 323750	17.08 0.68 0.00	17.65 0.64 0.00	18.14 0.60 0.00	14.70 0.52 0.00	18.32 0.67 0.00	17.08 0.58 0.00	19.12 0.72 0.00	18.36 0.80 0.00	18.37 0.77 0.00	16.40 0.71 0.00	16.00 0.72 0.00	13.82 0.61 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.92 0.53 0.00	15.19 0.72 0.00	20.82 1.01 0.00	24.44 1.26 0.00	24.24 1.34 0.00	22.17 1.23 0.00	23.59 1.15 0.00	24.05 1.10 0.00	19.45 0.76 0.00
BAYONEEC___CTG2 323683	17.08 0.68 0.00	17.65 0.64 0.00	18.14 0.60 0.00	14.70 0.52 0.00	18.32 0.67 0.00	17.08 0.58 0.00	19.12 0.72 0.00	18.36 0.80 0.00	18.37 0.77 0.00	16.40 0.71 0.00	16.00 0.72 0.00	13.82 0.61 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.92 0.53 0.00	15.19 0.72 0.00	20.82 1.01 0.00	24.44 1.26 0.00	24.24 1.34 0.00	22.17 1.23 0.00	23.59 1.15 0.00	24.05 1.10 0.00	19.45 0.76 0.00
BAYONEEC___CTG3 323684	17.08 0.68 0.00	17.65 0.64 0.00	18.14 0.60 0.00	14.70 0.52 0.00	18.32 0.67 0.00	17.08 0.58 0.00	19.12 0.72 0.00	18.36 0.80 0.00	18.37 0.77 0.00	16.40 0.71 0.00	16.00 0.72 0.00	13.82 0.61 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.92 0.53 0.00	15.19 0.72 0.00	20.82 1.01 0.00	24.44 1.26 0.00	24.24 1.34 0.00	22.17 1.23 0.00	23.59 1.15 0.00	24.05 1.10 0.00	19.45 0.76 0.00
BAYONEEC___CTG4 323685	17.08 0.68 0.00	17.65 0.64 0.00	18.14 0.60 0.00	14.70 0.52 0.00	18.32 0.67 0.00	17.08 0.58 0.00	19.12 0.72 0.00	18.36 0.80 0.00	18.37 0.77 0.00	16.40 0.71 0.00	16.00 0.72 0.00	13.82 0.61 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.92 0.53 0.00	15.19 0.72 0.00	20.82 1.01 0.00	24.44 1.26 0.00	24.24 1.34 0.00	22.17 1.23 0.00	23.59 1.15 0.00	24.05 1.10 0.00	19.45 0.76 0.00
BAYONEEC___CTG5 323686	17.08 0.68 0.00	17.65 0.64 0.00	18.14 0.60 0.00	14.70 0.52 0.00	18.32 0.67 0.00	17.08 0.58 0.00	19.12 0.72 0.00	18.36 0.80 0.00	18.37 0.77 0.00	16.40 0.71 0.00	16.00 0.72 0.00	13.82 0.61 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.92 0.53 0.00	15.19 0.72 0.00	20.82 1.01 0.00	24.44 1.26 0.00	24.24 1.34 0.00	22.17 1.23 0.00	23.59 1.15 0.00	24.05 1.10 0.00	19.45 0.76 0.00
BAYONEEC___CTG6 323687	17.08 0.68 0.00	17.65 0.64 0.00	18.14 0.60 0.00	14.70 0.52 0.00	18.32 0.67 0.00	17.08 0.58 0.00	19.12 0.72 0.00	18.36 0.80 0.00	18.37 0.77 0.00	16.40 0.71 0.00	16.00 0.72 0.00	13.82 0.61 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.92 0.53 0.00	15.19 0.72 0.00	20.82 1.01 0.00	24.44 1.26 0.00	24.24 1.34 0.00	22.17 1.23 0.00	23.59 1.15 0.00	24.05 1.10 0.00	19.45 0.76 0.00

BAYONEEC___CTG7 323688	17.08 0.68 0.00	17.65 0.64 0.00	18.14 0.60 0.00	14.70 0.52 0.00	18.32 0.67 0.00	17.08 0.58 0.00	19.12 0.72 0.00	18.36 0.80 0.00	18.37 0.77 0.00	16.40 0.71 0.00	16.00 0.72 0.00	13.82 0.61 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.92 0.53 0.00	15.19 0.72 0.00	20.82 1.01 0.00	24.44 1.26 0.00	24.24 1.34 0.00	22.17 1.23 0.00	23.59 1.15 0.00	24.05 1.10 0.00	19.45 0.76 0.00
BAYONEEC___CTG8 323689	17.08 0.68 0.00	17.65 0.64 0.00	18.14 0.60 0.00	14.70 0.52 0.00	18.32 0.67 0.00	17.08 0.58 0.00	19.12 0.72 0.00	18.36 0.80 0.00	18.37 0.77 0.00	16.40 0.71 0.00	16.00 0.72 0.00	13.82 0.61 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.92 0.53 0.00	15.19 0.72 0.00	20.82 1.01 0.00	24.44 1.26 0.00	24.24 1.34 0.00	22.17 1.23 0.00	23.59 1.15 0.00	24.05 1.10 0.00	19.45 0.76 0.00
BAYONEEC___CTG9 323749	17.08 0.68 0.00	17.65 0.64 0.00	18.14 0.60 0.00	14.70 0.52 0.00	18.32 0.67 0.00	17.08 0.58 0.00	19.12 0.72 0.00	18.36 0.80 0.00	18.37 0.77 0.00	16.40 0.71 0.00	16.00 0.72 0.00	13.82 0.61 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.92 0.53 0.00	15.19 0.72 0.00	20.82 1.01 0.00	24.44 1.26 0.00	24.24 1.34 0.00	22.17 1.23 0.00	23.59 1.15 0.00	24.05 1.10 0.00	19.45 0.76 0.00
BEACON___LESR 323632	16.87 0.46 0.00	17.47 0.46 0.00	18.03 0.50 0.00	14.59 0.40 0.00	18.18 0.52 0.00	16.99 0.48 0.00	18.95 0.56 0.00	18.16 0.60 0.00	18.20 0.59 0.00	16.25 0.57 0.00	15.79 0.51 0.00	13.74 0.53 0.00	11.01 0.36 0.00	9.54 0.30 0.00	10.84 0.35 0.00	10.75 0.35 0.00	14.95 0.48 0.00	20.54 0.73 0.00	24.07 0.89 0.00	23.80 0.90 0.00	21.70 0.76 0.00	23.26 0.81 0.00	23.66 0.72 0.00	19.19 0.51 0.00
BEAVER RIVER___HYD 24048	16.01 -0.39 0.00	16.39 -0.62 0.00	17.05 -0.49 0.00	13.60 -0.58 0.00	16.69 -0.97 0.00	15.66 -0.85 0.00	17.47 -0.92 0.00	16.78 -0.78 0.00	17.01 -0.59 0.00	14.89 -0.79 0.00	14.55 -0.73 0.00	12.46 -0.76 0.00	10.00 -0.65 0.00	8.66 -0.59 0.00	9.79 -0.70 0.00	9.65 -0.74 0.00	13.43 -1.04 0.00	18.59 -1.22 0.00	22.06 -1.12 0.00	22.12 -0.78 0.00	20.27 -0.67 0.00	21.93 -0.51 0.00	22.38 -0.57 0.00	18.26 -0.42 0.00
BEEBEE_GT_13 23619	15.87 -0.53 0.00	16.60 -0.41 0.00	17.13 -0.41 0.00	13.82 -0.37 0.00	17.13 -0.53 0.00	16.09 -0.41 0.00	17.86 -0.53 0.00	16.98 -0.57 0.00	16.93 -0.67 0.00	14.90 -0.79 0.00	14.45 -0.83 0.00	12.43 -0.78 0.00	10.10 -0.55 0.00	8.85 -0.40 0.00	10.02 -0.47 0.00	9.96 -0.44 0.00	13.99 -0.48 0.00	19.02 -0.79 0.00	22.19 -0.99 0.00	21.86 -1.04 0.00	20.08 -0.85 0.00	21.55 -0.89 0.00	22.18 -0.77 0.00	18.45 -0.24 0.00
BENSHRST_27_KV_BENSHRST_1 355998	17.26 0.86 0.00	17.83 0.82 0.00	18.33 0.80 0.00	14.85 0.67 0.00	18.51 0.85 0.00	17.27 0.77 0.00	19.30 0.90 0.00	18.51 0.95 0.00	18.52 0.91 0.00	16.55 0.87 0.00	16.15 0.87 0.00	13.94 0.73 0.00	11.21 0.57 0.00	9.71 0.46 0.00	11.09 0.59 0.00	11.02 0.63 0.00	15.32 0.85 0.00	21.00 1.20 0.00	24.67 1.48 0.00	24.47 1.57 0.00	22.38 1.44 0.00	23.82 1.37 0.00	24.27 1.33 0.00	19.63 0.95 0.00
BETHLEHEM___GRP 23843	16.74 0.34 0.00	17.34 0.33 0.00	17.89 0.35 0.00	14.49 0.31 0.00	18.07 0.41 0.00	16.86 0.36 0.00	18.79 0.40 0.00	17.95 0.40 0.00	18.02 0.42 0.00	16.11 0.43 0.00	15.68 0.40 0.00	13.58 0.37 0.00	10.91 0.27 0.00	9.46 0.21 0.00	10.76 0.26 0.00	10.66 0.27 0.00	14.82 0.35 0.00	20.32 0.51 0.00	23.79 0.61 0.00	23.53 0.63 0.00	21.46 0.52 0.00	22.96 0.52 0.00	23.43 0.49 0.00	19.03 0.34 0.00
BETHLEHEM___GS1 323560	16.74 0.34 0.00	17.34 0.32 0.00	17.89 0.35 0.00	14.49 0.31 0.00	18.07 0.41 0.00	16.86 0.36 0.00	18.79 0.39 0.00	17.95 0.39 0.00	18.02 0.42 0.00	16.11 0.43 0.00	15.68 0.40 0.00	13.58 0.37 0.00	10.91 0.27 0.00	9.46 0.21 0.00	10.76 0.26 0.00	10.66 0.27 0.00	14.82 0.35 0.00	20.32 0.51 0.00	23.79 0.61 0.00	23.53 0.63 0.00	21.46 0.52 0.00	22.96 0.52 0.00	23.44 0.49 0.00	19.03 0.35 0.00
BETHLEHEM___GS2 323561	16.74 0.34 0.00	17.34 0.32 0.00	17.89 0.35 0.00	14.49 0.31 0.00	18.07 0.41 0.00	16.86 0.36 0.00	18.79 0.39 0.00	17.95 0.39 0.00	18.02 0.42 0.00	16.11 0.43 0.00	15.68 0.40 0.00	13.58 0.37 0.00	10.91 0.27 0.00	9.46 0.21 0.00	10.76 0.26 0.00	10.66 0.27 0.00	14.82 0.35 0.00	20.32 0.51 0.00	23.79 0.61 0.00	23.53 0.63 0.00	21.46 0.52 0.00	22.96 0.52 0.00	23.44 0.49 0.00	19.03 0.35 0.00
BETHLEHEM___GS3 323562	16.74 0.34 0.00	17.34 0.32 0.00	17.89 0.35 0.00	14.49 0.31 0.00	18.07 0.41 0.00	16.86 0.36 0.00	18.79 0.39 0.00	17.95 0.39 0.00	18.02 0.42 0.00	16.11 0.43 0.00	15.68 0.40 0.00	13.58 0.37 0.00	10.91 0.27 0.00	9.46 0.21 0.00	10.76 0.26 0.00	10.66 0.27 0.00	14.82 0.35 0.00	20.32 0.51 0.00	23.79 0.61 0.00	23.53 0.63 0.00	21.46 0.52 0.00	22.96 0.52 0.00	23.44 0.49 0.00	19.03 0.35 0.00
BETHLEHEM___STEEL 23779	15.63 -0.77 0.00	16.45 -0.56 0.00	16.99 -0.54 0.00	13.70 -0.49 0.00	16.92 -0.73 0.00	15.91 -0.60 0.00	17.59 -0.81 0.00	16.68 -0.88 0.00	16.53 -1.08 0.00	14.48 -1.20 0.00	13.96 -1.32 0.00	11.92 -1.29 0.00	9.72 -0.93 0.00	8.57 -0.68 0.00	9.70 -0.79 0.00	9.74 -0.65 0.00	13.67 -0.80 0.00	18.48 -1.33 0.00	21.50 -1.68 0.00	21.09 -1.81 0.00	19.49 -1.45 0.00	21.03 -1.41 0.00	21.79 -1.15 0.00	18.38 -0.30 0.00
BETHLHEM_115KV_TB1 79974	16.72 0.32 0.00	17.32 0.31 0.00	17.88 0.34 0.00	14.48 0.29 0.00	18.05 0.39 0.00	16.84 0.34 0.00	18.78 0.39 0.00	17.94 0.38 0.00	18.01 0.40 0.00	16.09 0.41 0.00	15.67 0.39 0.00	13.56 0.35 0.00	10.90 0.26 0.00	9.45 0.20 0.00	10.75 0.25 0.00	10.65 0.26 0.00	14.81 0.34 0.00	20.30 0.49 0.00	23.77 0.59 0.00	23.51 0.61 0.00	21.44 0.50 0.00	22.95 0.50 0.00	23.41 0.47 0.00	19.01 0.33 0.00
BETHPAGE_CC_5 323564	17.24 0.84 0.00	17.82 0.81 0.00	18.30 0.76 0.00	14.81 0.63 0.00	18.45 0.80 0.00	17.20 0.70 0.00	19.23 0.83 0.00	18.44 0.88 0.00	18.40 0.79 0.00	16.39 0.71 0.00	16.03 0.75 0.00	13.82 0.61 0.00	11.09 0.45 0.00	9.60 0.35 0.00	10.96 0.47 0.00	10.94 0.54 0.00	15.26 0.79 0.00	20.93 1.12 0.00	24.58 1.40 0.00	24.27 1.37 0.00	22.25 1.31 0.00	23.79 1.34 0.00	24.21 1.26 0.00	19.60 0.91 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	15.73 -0.67 0.00	16.55 -0.46 0.00	17.09 -0.45 0.00	13.77 -0.41 0.00	17.03 -0.63 0.00	16.01 -0.50 0.00	17.70 -0.70 0.00	16.79 -0.77 0.00	16.64 -0.97 0.00	14.57 -1.10 0.00	14.05 -1.23 0.00	12.00 -1.22 0.00	9.77 -0.87 0.00	8.62 -0.63 0.00	9.76 -0.73 0.00	9.81 -0.59 0.00	13.75 -0.72 0.00	18.61 -1.20 0.00	21.64 -1.54 0.00	21.23 -1.67 0.00	19.62 -1.32 0.00	21.16 -1.28 0.00	21.92 -1.02 0.00	18.48 -0.20 0.00

BINGHAMTON___COGEN 23790	16.26 -0.14 0.00	16.91 -0.10 0.00	17.47 -0.07 0.00	14.12 -0.07 0.00	17.60 -0.06 0.00	16.46 -0.04 0.00	18.33 -0.06 0.00	17.54 -0.02 0.00	17.50 -0.11 0.00	15.55 -0.13 0.00	15.10 -0.18 0.00	13.02 -0.20 0.00	10.53 -0.11 0.00	9.17 -0.08 0.00	10.41 -0.08 0.00	10.33 -0.06 0.00	14.45 -0.02 0.00	19.76 -0.04 0.00	23.09 -0.09 0.00	22.82 -0.08 0.00	20.93 -0.01 0.00	22.44 0.00 0.00	22.97 0.03 0.00	18.77 0.09 0.00
BIXINCNT_115KV_LOAD 355685	15.83 -0.57 0.00	16.75 -0.26 0.00	17.21 -0.32 0.00	13.94 -0.25 0.00	17.26 -0.39 0.00	16.19 -0.32 0.00	17.80 -0.59 0.00	17.05 -0.51 0.00	16.79 -0.81 0.00	14.67 -1.01 0.00	14.06 -1.22 0.00	12.03 -1.18 0.00	9.71 -0.94 0.00	8.56 -0.69 0.00	9.79 -0.70 0.00	9.93 -0.46 0.00	13.87 -0.60 0.00	18.77 -1.03 0.00	21.93 -1.26 0.00	21.51 -1.38 0.00	19.84 -1.10 0.00	21.40 -1.05 0.00	22.33 -0.61 0.00	18.71 0.03 0.00
BLACK RIVER___HYD 24047	16.02 -0.39 0.00	16.35 -0.66 0.00	17.06 -0.48 0.00	13.57 -0.61 0.00	16.63 -1.03 0.00	15.60 -0.90 0.00	17.41 -0.98 0.00	16.73 -0.83 0.00	16.95 -0.66 0.00	14.77 -0.91 0.00	14.45 -0.83 0.00	12.27 -0.95 0.00	9.89 -0.76 0.00	8.54 -0.70 0.00	9.70 -0.79 0.00	9.52 -0.88 0.00	13.27 -1.20 0.00	18.41 -1.39 0.00	21.93 -1.25 0.00	22.07 -0.83 0.00	20.25 -0.69 0.00	21.88 -0.56 0.00	22.32 -0.62 0.00	18.24 -0.44 0.00
BLACKRVR_115KV_TB2 79977	16.02 -0.39 0.00	16.35 -0.66 0.00	17.06 -0.48 0.00	13.57 -0.61 0.00	16.63 -1.03 0.00	15.60 -0.90 0.00	17.41 -0.98 0.00	16.73 -0.83 0.00	16.95 -0.66 0.00	14.77 -0.91 0.00	14.45 -0.83 0.00	12.27 -0.95 0.00	9.89 -0.76 0.00	8.55 -0.70 0.00	9.70 -0.79 0.00	9.52 -0.88 0.00	13.26 -1.20 0.00	18.41 -1.39 0.00	21.93 -1.25 0.00	22.07 -0.83 0.00	20.25 -0.69 0.00	21.88 -0.56 0.00	22.32 -0.63 0.00	18.25 -0.43 0.00
BLISS_WT_PWR 323608	15.76 -0.64 0.00	16.71 -0.30 0.00	17.15 -0.38 0.00	13.91 -0.28 0.00	17.22 -0.44 0.00	16.14 -0.36 0.00	17.71 -0.68 0.00	17.01 -0.55 0.00	16.72 -0.89 0.00	14.60 -1.08 0.00	13.97 -1.31 0.00	11.96 -1.26 0.00	9.61 -1.03 0.00	8.48 -0.77 0.00	9.72 -0.78 0.00	9.89 -0.51 0.00	13.79 -0.68 0.00	18.67 -1.13 0.00	21.84 -1.34 0.00	21.45 -1.45 0.00	19.77 -1.17 0.00	21.32 -1.13 0.00	22.29 -0.66 0.00	18.65 -0.03 0.00
BLUESTONE___WT_PWR 323821	16.64 0.24 0.00	16.52 -0.49 0.00	17.72 0.19 0.00	13.95 -0.23 0.00	17.71 0.05 0.00	16.92 0.41 0.00	18.55 0.16 0.00	17.78 0.22 0.00	17.81 0.20 0.00	15.88 0.20 0.00	15.20 -0.08 0.00	13.09 -0.12 0.00	10.81 0.16 0.00	9.32 0.07 0.00	10.41 -0.08 0.00	10.27 -0.12 0.00	14.63 0.16 0.00	20.50 0.70 0.00	23.56 0.38 0.00	23.47 0.57 0.00	21.72 0.78 0.00	23.50 1.05 0.00	23.96 1.01 0.00	19.55 0.87 0.00
BLUE_CIRC_CHEM_DRP 24182	16.77 0.37 0.00	17.38 0.37 0.00	17.94 0.40 0.00	14.52 0.34 0.00	18.11 0.45 0.00	16.89 0.39 0.00	18.83 0.43 0.00	17.98 0.42 0.00	18.02 0.41 0.00	16.02 0.34 0.00	15.61 0.33 0.00	13.55 0.34 0.00	10.91 0.26 0.00	9.46 0.21 0.00	10.73 0.24 0.00	10.65 0.26 0.00	14.82 0.35 0.00	20.31 0.51 0.00	23.79 0.61 0.00	23.55 0.64 0.00	21.47 0.53 0.00	22.98 0.54 0.00	23.46 0.52 0.00	19.07 0.38 0.00
BOC_GAS_DRP 24189	16.64 0.24 0.00	17.25 0.23 0.00	17.79 0.25 0.00	14.41 0.22 0.00	17.96 0.31 0.00	16.76 0.25 0.00	18.69 0.30 0.00	17.86 0.30 0.00	17.91 0.31 0.00	16.00 0.32 0.00	15.58 0.30 0.00	13.49 0.27 0.00	10.85 0.20 0.00	9.40 0.15 0.00	10.69 0.20 0.00	10.60 0.21 0.00	14.74 0.27 0.00	20.19 0.38 0.00	23.64 0.46 0.00	23.38 0.49 0.00	21.34 0.40 0.00	22.84 0.40 0.00	23.31 0.37 0.00	18.93 0.25 0.00
BOONVILLE_115KV_TB1 79983	16.46 0.05 0.00	16.96 -0.05 0.00	17.54 0.01 0.00	14.11 -0.08 0.00	17.45 -0.20 0.00	16.35 -0.16 0.00	18.23 -0.16 0.00	17.48 -0.08 0.00	17.63 0.02 0.00	15.58 -0.10 0.00	15.19 -0.09 0.00	13.09 -0.13 0.00	10.50 -0.15 0.00	9.12 -0.13 0.00	10.31 -0.18 0.00	10.20 -0.19 0.00	14.20 -0.27 0.00	19.59 -0.21 0.00	23.08 -0.10 0.00	22.98 0.08 0.00	21.04 0.10 0.00	22.62 0.18 0.00	23.08 0.14 0.00	18.81 0.13 0.00
BORALEX_4TH_BRANCH 23824	16.64 0.24 0.00	17.22 0.21 0.00	17.81 0.27 0.00	14.44 0.26 0.00	17.99 0.34 0.00	16.81 0.31 0.00	18.72 0.33 0.00	17.91 0.35 0.00	18.02 0.42 0.00	16.20 0.52 0.00	15.71 0.43 0.00	13.58 0.37 0.00	10.87 0.23 0.00	9.40 0.15 0.00	10.68 0.19 0.00	10.57 0.18 0.00	14.71 0.24 0.00	20.21 0.40 0.00	23.66 0.48 0.00	23.35 0.45 0.00	21.17 0.23 0.00	22.72 0.28 0.00	23.20 0.26 0.00	18.78 0.10 0.00
BOWLINE___1 23526	16.93 0.53 0.00	17.50 0.49 0.00	18.01 0.48 0.00	14.59 0.41 0.00	18.19 0.53 0.00	16.98 0.48 0.00	19.02 0.63 0.00	18.22 0.66 0.00	18.22 0.62 0.00	16.27 0.59 0.00	15.86 0.58 0.00	13.70 0.49 0.00	11.01 0.37 0.00	9.54 0.29 0.00	10.88 0.39 0.00	10.81 0.42 0.00	15.05 0.58 0.00	20.66 0.85 0.00	24.23 1.04 0.00	23.98 1.09 0.00	21.93 0.99 0.00	23.39 0.94 0.00	23.86 0.91 0.00	19.31 0.63 0.00
BOWLINE___2 23595	16.93 0.53 0.00	17.50 0.49 0.00	18.01 0.48 0.00	14.59 0.41 0.00	18.19 0.53 0.00	16.98 0.48 0.00	19.02 0.63 0.00	18.22 0.66 0.00	18.22 0.62 0.00	16.27 0.59 0.00	15.86 0.58 0.00	13.70 0.49 0.00	11.01 0.37 0.00	9.54 0.29 0.00	10.88 0.39 0.00	10.81 0.42 0.00	15.05 0.58 0.00	20.66 0.85 0.00	24.23 1.04 0.00	23.98 1.09 0.00	21.93 0.99 0.00	23.39 0.94 0.00	23.86 0.91 0.00	19.31 0.63 0.00
BRADY___115KV_TB2 356060	16.43 0.03 0.00	17.02 0.01 0.00	17.50 -0.03 0.00	14.12 -0.06 0.00	17.53 -0.12 0.00	16.42 -0.08 0.00	18.31 -0.09 0.00	17.43 -0.13 0.00	17.53 -0.08 0.00	15.53 -0.15 0.00	15.17 -0.11 0.00	13.15 -0.06 0.00	10.61 -0.04 0.00	9.24 -0.01 0.00	10.43 -0.06 0.00	10.31 -0.09 0.00	14.38 -0.09 0.00	19.75 -0.06 0.00	23.17 -0.01 0.00	22.87 -0.03 0.00	20.90 -0.04 0.00	22.49 0.05 0.00	23.03 0.08 0.00	18.66 -0.02 0.00
BRANSCOMB___SOLAR 323811	16.83 0.43 0.00	17.43 0.42 0.00	17.99 0.46 0.00	14.57 0.38 0.00	18.16 0.51 0.00	16.97 0.47 0.00	18.90 0.50 0.00	18.07 0.51 0.00	18.18 0.58 0.00	16.25 0.57 0.00	15.79 0.51 0.00	13.65 0.44 0.00	10.94 0.29 0.00	9.48 0.23 0.00	10.77 0.28 0.00	10.67 0.27 0.00	14.85 0.38 0.00	20.41 0.60 0.00	23.99 0.81 0.00	23.74 0.84 0.00	21.61 0.67 0.00	23.15 0.70 0.00	23.55 0.61 0.00	19.08 0.40 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	17.38 0.98 0.00	17.96 0.95 0.00	18.45 0.92 0.00	14.93 0.75 0.00	18.59 0.94 0.00	17.33 0.82 0.00	19.35 0.96 0.00	18.55 0.99 0.00	18.47 0.87 0.00	16.44 0.76 0.00	16.10 0.82 0.00	13.86 0.65 0.00	11.13 0.48 0.00	9.63 0.38 0.00	11.00 0.50 0.00	10.99 0.59 0.00	15.33 0.86 0.00	21.02 1.21 0.00	24.71 1.53 0.00	24.36 1.46 0.00	22.34 1.41 0.00	23.91 1.47 0.00	24.34 1.39 0.00	19.71 1.03 0.00

BRISTLHL_115KV_TB1 79998	16.17 -0.23 0.00	16.80 -0.21 0.00	17.33 -0.21 0.00	14.01 -0.18 0.00	17.42 -0.23 0.00	16.30 -0.20 0.00	18.16 -0.23 0.00	17.36 -0.20 0.00	17.37 -0.23 0.00	15.44 -0.24 0.00	15.02 -0.26 0.00	12.95 -0.27 0.00	10.47 -0.18 0.00	9.08 -0.17 0.00	10.30 -0.19 0.00	10.21 -0.19 0.00	14.23 -0.24 0.00	19.41 -0.40 0.00	22.71 -0.47 0.00	22.47 -0.43 0.00	20.58 -0.35 0.00	22.03 -0.41 0.00	22.52 -0.42 0.00	18.43 -0.26 0.00
BROOKHAVEN___DRP 24191	17.30 0.90 0.00	17.87 0.86 0.00	18.35 0.81 0.00	14.85 0.67 0.00	18.49 0.83 0.00	17.23 0.73 0.00	19.25 0.85 0.00	18.44 0.88 0.00	18.33 0.72 0.00	16.25 0.57 0.00	15.90 0.62 0.00	13.66 0.45 0.00	10.97 0.33 0.00	9.49 0.24 0.00	10.85 0.35 0.00	10.86 0.47 0.00	15.16 0.69 0.00	20.79 0.99 0.00	24.47 1.29 0.00	24.04 1.14 0.00	22.05 1.11 0.00	23.70 1.25 0.00	24.09 1.14 0.00	19.53 0.85 0.00
BROOKLYN_NAVY_YARD 23515	17.07 0.67 0.00	17.64 0.63 0.00	18.14 0.60 0.00	14.69 0.51 0.00	18.32 0.66 0.00	17.07 0.57 0.00	19.10 0.71 0.00	18.35 0.80 0.00	18.36 0.76 0.00	16.38 0.70 0.00	16.00 0.72 0.00	13.83 0.62 0.00	11.12 0.48 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.92 0.53 0.00	15.18 0.71 0.00	20.81 1.01 0.00	24.44 1.26 0.00	24.24 1.34 0.00	22.17 1.23 0.00	23.59 1.15 0.00	24.05 1.11 0.00	19.45 0.77 0.00
BROOKLYN___ARMY_DRP 323595	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.72 0.00	14.79 0.61 0.00	18.44 0.78 0.00	17.20 0.69 0.00	19.22 0.83 0.00	18.44 0.88 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.08 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.25 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.85 0.00
BROOKVLE_69_KV_TB1 55790	17.31 0.91 0.00	17.89 0.88 0.00	18.38 0.84 0.00	14.87 0.69 0.00	18.53 0.87 0.00	17.28 0.78 0.00	19.32 0.93 0.00	18.54 0.97 0.00	18.50 0.90 0.00	16.50 0.82 0.00	16.13 0.85 0.00	13.91 0.69 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.04 0.55 0.00	11.01 0.61 0.00	15.35 0.88 0.00	21.05 1.24 0.00	24.71 1.53 0.00	24.42 1.52 0.00	22.37 1.43 0.00	23.91 1.46 0.00	24.34 1.39 0.00	19.69 1.01 0.00
BROOME_2_LFGE 323671	16.26 -0.14 0.00	16.91 -0.10 0.00	17.47 -0.07 0.00	14.12 -0.07 0.00	17.60 -0.06 0.00	16.46 -0.04 0.00	18.33 -0.06 0.00	17.54 -0.02 0.00	17.50 -0.11 0.00	15.55 -0.13 0.00	15.10 -0.18 0.00	13.02 -0.19 0.00	10.53 -0.11 0.00	9.17 -0.08 0.00	10.41 -0.08 0.00	10.33 -0.06 0.00	14.45 -0.02 0.00	19.76 -0.04 0.00	23.09 -0.09 0.00	22.82 -0.08 0.00	20.93 0.00 0.00	22.44 0.00 0.00	22.97 0.03 0.00	18.77 0.09 0.00
BROOME___LFGE 323600	16.26 -0.14 0.00	16.91 -0.10 0.00	17.47 -0.07 0.00	14.12 -0.07 0.00	17.60 -0.06 0.00	16.46 -0.04 0.00	18.33 -0.06 0.00	17.54 -0.02 0.00	17.50 -0.11 0.00	15.55 -0.13 0.00	15.10 -0.18 0.00	13.02 -0.19 0.00	10.53 -0.11 0.00	9.17 -0.08 0.00	10.41 -0.08 0.00	10.33 -0.06 0.00	14.45 -0.02 0.00	19.76 -0.04 0.00	23.09 -0.09 0.00	22.82 -0.08 0.00	20.93 0.00 0.00	22.44 0.00 0.00	22.97 0.03 0.00	18.77 0.09 0.00
BROWNFLS_115KV_TB 3_5 80003	15.84 -0.56 0.00	16.29 -0.72 0.00	16.86 -0.68 0.00	13.51 -0.68 0.00	16.66 -1.00 0.00	15.61 -0.89 0.00	17.42 -0.97 0.00	16.67 -0.88 0.00	16.87 -0.74 0.00	14.85 -0.83 0.00	14.51 -0.77 0.00	12.49 -0.72 0.00	10.05 -0.60 0.00	8.72 -0.53 0.00	9.85 -0.64 0.00	9.72 -0.67 0.00	13.51 -0.96 0.00	18.65 -1.15 0.00	22.02 -1.16 0.00	21.92 -0.98 0.00	20.06 -0.88 0.00	21.65 -0.79 0.00	22.12 -0.82 0.00	17.99 -0.70 0.00
BROWNSV1_27_KV_LOAD 356125	17.23 0.83 0.00	17.81 0.80 0.00	18.30 0.76 0.00	14.83 0.65 0.00	18.47 0.81 0.00	17.22 0.72 0.00	19.27 0.88 0.00	18.52 0.96 0.00	18.53 0.93 0.00	16.54 0.86 0.00	16.15 0.87 0.00	13.94 0.73 0.00	11.21 0.57 0.00	9.72 0.47 0.00	11.09 0.60 0.00	11.03 0.64 0.00	15.34 0.87 0.00	21.02 1.21 0.00	24.68 1.50 0.00	24.47 1.57 0.00	22.39 1.45 0.00	23.84 1.39 0.00	24.28 1.34 0.00	19.63 0.95 0.00
BURROWS___LYONSDAL 23803	16.34 -0.06 0.00	16.81 -0.20 0.00	17.41 -0.12 0.00	13.96 -0.22 0.00	17.23 -0.43 0.00	16.15 -0.36 0.00	18.01 -0.38 0.00	17.28 -0.28 0.00	17.46 -0.14 0.00	15.40 -0.28 0.00	15.01 -0.27 0.00	12.91 -0.30 0.00	10.36 -0.29 0.00	8.98 -0.26 0.00	10.16 -0.33 0.00	10.04 -0.35 0.00	13.98 -0.49 0.00	19.31 -0.50 0.00	22.79 -0.39 0.00	22.74 -0.16 0.00	20.84 -0.10 0.00	22.44 0.00 0.00	22.90 -0.05 0.00	18.68 -0.01 0.00
CAITHNESS_CC_1 323624	17.28 0.88 0.00	17.85 0.84 0.00	18.33 0.79 0.00	14.84 0.65 0.00	18.47 0.82 0.00	17.21 0.71 0.00	19.22 0.83 0.00	18.42 0.86 0.00	18.32 0.71 0.00	16.25 0.57 0.00	15.91 0.63 0.00	13.68 0.47 0.00	10.98 0.34 0.00	9.50 0.25 0.00	10.86 0.36 0.00	10.87 0.47 0.00	15.17 0.70 0.00	20.79 0.99 0.00	24.47 1.29 0.00	24.05 1.15 0.00	22.05 1.11 0.00	23.68 1.23 0.00	24.08 1.14 0.00	19.53 0.85 0.00
CALPINE BETH_PAGE_GT4 24209	17.21 0.80 0.00	17.78 0.77 0.00	18.26 0.73 0.00	14.79 0.60 0.00	18.42 0.76 0.00	17.17 0.67 0.00	19.19 0.80 0.00	18.40 0.84 0.00	18.37 0.76 0.00	16.36 0.68 0.00	16.00 0.73 0.00	13.80 0.59 0.00	11.07 0.43 0.00	9.59 0.34 0.00	10.95 0.46 0.00	10.92 0.53 0.00	15.23 0.76 0.00	20.89 1.09 0.00	24.54 1.36 0.00	24.24 1.34 0.00	22.21 1.27 0.00	23.74 1.30 0.00	24.17 1.23 0.00	19.55 0.87 0.00
CALPINE_BETH_PAGE_GT_4 323586	17.21 0.81 0.00	17.78 0.77 0.00	18.26 0.73 0.00	14.79 0.60 0.00	18.42 0.76 0.00	17.17 0.66 0.00	19.19 0.80 0.00	18.40 0.84 0.00	18.37 0.76 0.00	16.36 0.68 0.00	16.00 0.73 0.00	13.80 0.59 0.00	11.07 0.43 0.00	9.59 0.34 0.00	10.95 0.46 0.00	10.92 0.53 0.00	15.23 0.76 0.00	20.89 1.09 0.00	24.54 1.35 0.00	24.24 1.34 0.00	22.21 1.27 0.00	23.74 1.30 0.00	24.17 1.22 0.00	19.56 0.88 0.00
CALPINE_BP_GT1 23823	17.21 0.81 0.00	17.78 0.77 0.00	18.26 0.73 0.00	14.79 0.60 0.00	18.42 0.76 0.00	17.17 0.66 0.00	19.19 0.80 0.00	18.40 0.84 0.00	18.37 0.76 0.00	16.36 0.68 0.00	16.00 0.73 0.00	13.80 0.59 0.00	11.07 0.43 0.00	9.59 0.34 0.00	10.95 0.46 0.00	10.92 0.53 0.00	15.23 0.76 0.00	20.89 1.09 0.00	24.54 1.35 0.00	24.24 1.34 0.00	22.21 1.27 0.00	23.74 1.30 0.00	24.17 1.22 0.00	19.56 0.88 0.00
CALSPAN___DRP 24200	15.63 -0.77 0.00	16.45 -0.56 0.00	16.99 -0.54 0.00	13.70 -0.49 0.00	16.92 -0.73 0.00	15.91 -0.60 0.00	17.59 -0.81 0.00	16.68 -0.88 0.00	16.53 -1.08 0.00	14.48 -1.20 0.00	13.96 -1.32 0.00	11.92 -1.29 0.00	9.72 -0.93 0.00	8.57 -0.68 0.00	9.70 -0.79 0.00	9.74 -0.65 0.00	13.67 -0.80 0.00	18.48 -1.33 0.00	21.50 -1.68 0.00	21.09 -1.81 0.00	19.49 -1.45 0.00	21.03 -1.41 0.00	21.79 -1.15 0.00	18.38 -0.30 0.00

CALVERTON___SOLAR 323806	17.32 0.92 0.00	17.89 0.88 0.00	18.37 0.83 0.00	14.86 0.68 0.00	18.51 0.85 0.00	17.25 0.74 0.00	19.27 0.88 0.00	18.46 0.91 0.00	18.35 0.74 0.00	16.25 0.57 0.00	15.89 0.61 0.00	13.65 0.44 0.00	10.97 0.33 0.00	9.49 0.24 0.00	10.83 0.34 0.00	10.86 0.46 0.00	15.16 0.69 0.00	20.79 0.99 0.00	24.48 1.30 0.00	24.05 1.16 0.00	22.06 1.12 0.00	23.74 1.29 0.00	24.11 1.17 0.00	19.56 0.87 0.00
CANDIGU_WT_PWR 323617	15.48 -0.93 0.00	16.44 -0.58 0.00	17.10 -0.43 0.00	13.77 -0.41 0.00	17.16 -0.50 0.00	15.93 -0.58 0.00	17.69 -0.71 0.00	16.91 -0.65 0.00	16.80 -0.80 0.00	14.93 -0.75 0.00	14.51 -0.77 0.00	12.31 -0.90 0.00	10.00 -0.64 0.00	8.73 -0.52 0.00	9.96 -0.53 0.00	9.92 -0.48 0.00	14.05 -0.42 0.00	19.22 -0.59 0.00	22.53 -0.66 0.00	22.24 -0.66 0.00	20.69 -0.25 0.00	22.21 -0.23 0.00	22.63 -0.31 0.00	18.63 -0.05 0.00
CARR STREET_E_SYR 24060	16.28 -0.12 0.00	16.91 -0.10 0.00	17.44 -0.09 0.00	14.10 -0.08 0.00	17.54 -0.11 0.00	16.42 -0.09 0.00	18.29 -0.10 0.00	17.48 -0.08 0.00	17.49 -0.12 0.00	15.55 -0.13 0.00	15.12 -0.16 0.00	13.05 -0.17 0.00	10.53 -0.11 0.00	9.16 -0.09 0.00	10.39 -0.10 0.00	10.30 -0.09 0.00	14.35 -0.12 0.00	19.59 -0.22 0.00	22.90 -0.28 0.00	22.64 -0.26 0.00	20.74 -0.20 0.00	22.20 -0.24 0.00	22.71 -0.24 0.00	18.59 -0.09 0.00
CARTHAGE___PAPER 23857	16.12 -0.29 0.00	16.48 -0.53 0.00	17.16 -0.38 0.00	13.67 -0.51 0.00	16.77 -0.89 0.00	15.74 -0.77 0.00	17.56 -0.84 0.00	16.87 -0.69 0.00	17.10 -0.51 0.00	14.92 -0.76 0.00	14.60 -0.68 0.00	12.45 -0.77 0.00	10.01 -0.63 0.00	8.66 -0.59 0.00	9.81 -0.68 0.00	9.65 -0.74 0.00	13.42 -1.05 0.00	18.62 -1.18 0.00	22.15 -1.03 0.00	22.26 -0.64 0.00	20.41 -0.53 0.00	22.07 -0.38 0.00	22.50 -0.44 0.00	18.37 -0.31 0.00
CASSADAGA_WT_PWR 323784	15.74 -0.66 0.00	16.50 -0.51 0.00	17.14 -0.40 0.00	13.86 -0.33 0.00	17.06 -0.60 0.00	15.93 -0.57 0.00	17.90 -0.50 0.00	16.97 -0.59 0.00	16.80 -0.80 0.00	14.71 -0.97 0.00	14.19 -1.09 0.00	11.92 -1.30 0.00	9.76 -0.89 0.00	8.68 -0.56 0.00	9.89 -0.60 0.00	9.94 -0.45 0.00	13.87 -0.60 0.00	18.54 -1.26 0.00	21.64 -1.55 0.00	21.20 -1.69 0.00	19.87 -1.07 0.00	21.69 -0.75 0.00	22.42 -0.52 0.00	18.79 0.11 0.00
CE_DUNWOOD___DRP 24194	17.00 0.60 0.00	17.58 0.57 0.00	18.09 0.55 0.00	14.65 0.46 0.00	18.26 0.60 0.00	17.04 0.53 0.00	19.07 0.67 0.00	18.28 0.72 0.00	18.29 0.69 0.00	16.34 0.66 0.00	15.94 0.66 0.00	13.77 0.55 0.00	11.06 0.42 0.00	9.58 0.33 0.00	10.93 0.44 0.00	10.87 0.47 0.00	15.12 0.65 0.00	20.73 0.93 0.00	24.33 1.15 0.00	24.10 1.20 0.00	22.03 1.09 0.00	23.49 1.05 0.00	23.94 0.99 0.00	19.37 0.69 0.00
CE_MILLWOOD___DRP 24193	16.98 0.58 0.00	17.55 0.54 0.00	18.07 0.53 0.00	14.63 0.45 0.00	18.24 0.58 0.00	17.02 0.51 0.00	19.05 0.65 0.00	18.26 0.70 0.00	18.27 0.66 0.00	16.32 0.64 0.00	15.92 0.64 0.00	13.75 0.53 0.00	11.05 0.40 0.00	9.57 0.32 0.00	10.92 0.42 0.00	10.85 0.46 0.00	15.10 0.63 0.00	20.71 0.91 0.00	24.29 1.11 0.00	24.06 1.16 0.00	22.00 1.06 0.00	23.46 1.02 0.00	23.90 0.96 0.00	19.35 0.66 0.00
CE_NYC2_DRP 24202	17.14 0.74 0.00	17.71 0.70 0.00	18.22 0.68 0.00	14.75 0.57 0.00	18.39 0.73 0.00	17.15 0.64 0.00	19.19 0.79 0.00	18.42 0.86 0.00	18.42 0.82 0.00	16.45 0.77 0.00	16.06 0.78 0.00	13.87 0.66 0.00	11.16 0.52 0.00	9.66 0.42 0.00	11.03 0.54 0.00	10.96 0.57 0.00	15.24 0.77 0.00	20.88 1.08 0.00	24.51 1.33 0.00	24.31 1.41 0.00	22.23 1.30 0.00	23.67 1.22 0.00	24.12 1.17 0.00	19.52 0.83 0.00
CE_NYC_DRP 24195	17.10 0.70 0.00	17.66 0.66 0.00	18.16 0.63 0.00	14.72 0.53 0.00	18.34 0.69 0.00	17.10 0.60 0.00	19.13 0.74 0.00	18.39 0.83 0.00	18.39 0.79 0.00	16.41 0.73 0.00	16.02 0.74 0.00	13.84 0.62 0.00	11.13 0.48 0.00	9.64 0.39 0.00	11.01 0.52 0.00	10.94 0.55 0.00	15.21 0.74 0.00	20.85 1.05 0.00	24.48 1.30 0.00	24.28 1.38 0.00	22.20 1.26 0.00	23.63 1.19 0.00	24.07 1.13 0.00	19.46 0.78 0.00
CHAFFEE___LFGE 323603	15.71 -0.69 0.00	16.53 -0.48 0.00	17.06 -0.48 0.00	13.75 -0.44 0.00	16.99 -0.66 0.00	15.98 -0.53 0.00	17.68 -0.72 0.00	16.76 -0.80 0.00	16.62 -0.98 0.00	14.55 -1.13 0.00	14.04 -1.24 0.00	12.00 -1.22 0.00	9.78 -0.86 0.00	8.61 -0.64 0.00	9.76 -0.74 0.00	9.79 -0.60 0.00	13.74 -0.73 0.00	18.60 -1.21 0.00	21.61 -1.57 0.00	21.21 -1.69 0.00	19.59 -1.35 0.00	21.14 -1.31 0.00	21.89 -1.06 0.00	18.43 -0.25 0.00
CHATEAUG_35_KV_LOAD 355732	16.34 -0.06 0.00	16.97 -0.04 0.00	17.50 -0.03 0.00	14.17 -0.01 0.00	17.65 -0.01 0.00	16.45 -0.06 0.00	18.30 -0.10 0.00	17.17 -0.39 0.00	17.32 -0.29 0.00	15.40 -0.28 0.00	15.02 -0.26 0.00	13.08 -0.13 0.00	10.57 -0.08 0.00	9.21 -0.04 0.00	10.28 -0.21 0.00	10.13 -0.27 0.00	14.18 -0.29 0.00	19.54 -0.27 0.00	22.84 -0.34 0.00	22.36 -0.53 0.00	20.36 -0.58 0.00	21.91 -0.54 0.00	22.49 -0.45 0.00	18.15 -0.54 0.00
CHATEAUG_WT_PWR 323614	16.34 -0.06 0.00	16.96 -0.05 0.00	17.50 -0.04 0.00	14.18 0.00 0.00	17.67 0.02 0.00	16.47 -0.04 0.00	18.31 -0.08 0.00	17.14 -0.42 0.00	17.30 -0.30 0.00	15.38 -0.30 0.00	14.99 -0.29 0.00	13.06 -0.15 0.00	10.55 -0.09 0.00	9.20 -0.05 0.00	10.26 -0.24 0.00	10.09 -0.31 0.00	14.13 -0.34 0.00	19.45 -0.36 0.00	22.73 -0.45 0.00	22.27 -0.63 0.00	20.25 -0.69 0.00	21.80 -0.64 0.00	22.37 -0.57 0.00	18.05 -0.63 0.00
CHAT_HIGH_FALL_HYD 323578	16.34 -0.06 0.00	16.97 -0.04 0.00	17.50 -0.03 0.00	14.17 -0.01 0.00	17.65 -0.01 0.00	16.45 -0.06 0.00	18.30 -0.10 0.00	17.17 -0.39 0.00	17.32 -0.29 0.00	15.40 -0.28 0.00	15.02 -0.26 0.00	13.08 -0.13 0.00	10.57 -0.08 0.00	9.21 -0.04 0.00	10.28 -0.21 0.00	10.13 -0.27 0.00	14.18 -0.29 0.00	19.54 -0.27 0.00	22.84 -0.34 0.00	22.36 -0.53 0.00	20.36 -0.58 0.00	21.91 -0.54 0.00	22.49 -0.45 0.00	18.15 -0.54 0.00
CHAUTAUQUA___LFGE 323629	15.62 -0.78 0.00	16.41 -0.60 0.00	16.97 -0.57 0.00	13.71 -0.48 0.00	16.93 -0.73 0.00	15.87 -0.64 0.00	17.66 -0.73 0.00	16.78 -0.77 0.00	16.62 -0.99 0.00	14.55 -1.13 0.00	14.03 -1.25 0.00	11.91 -1.30 0.00	9.72 -0.92 0.00	8.61 -0.64 0.00	9.77 -0.72 0.00	9.80 -0.59 0.00	13.72 -0.75 0.00	18.50 -1.31 0.00	21.54 -1.64 0.00	21.13 -1.77 0.00	19.64 -1.30 0.00	21.32 -1.13 0.00	22.06 -0.89 0.00	18.48 -0.20 0.00
CHERRYST_13_KV_LD 356241	17.13 0.73 0.00	17.71 0.70 0.00	18.21 0.67 0.00	14.75 0.57 0.00	18.38 0.72 0.00	17.14 0.63 0.00	19.18 0.78 0.00	18.43 0.86 0.00	18.44 0.83 0.00	16.46 0.77 0.00	16.06 0.78 0.00	13.87 0.66 0.00	11.16 0.51 0.00	9.66 0.42 0.00	11.03 0.54 0.00	10.97 0.58 0.00	15.25 0.78 0.00	20.91 1.10 0.00	24.55 1.36 0.00	24.34 1.44 0.00	22.25 1.31 0.00	23.68 1.24 0.00	24.13 1.18 0.00	19.51 0.83 0.00

CHESTROR_138KV_BK263 355645	16.84 0.44 0.00	17.42 0.41 0.00	17.94 0.40 0.00	14.53 0.34 0.00	18.11 0.45 0.00	16.91 0.40 0.00	18.92 0.52 0.00	18.12 0.56 0.00	18.13 0.52 0.00	16.18 0.50 0.00	15.76 0.48 0.00	13.62 0.41 0.00	10.95 0.31 0.00	9.49 0.24 0.00	10.81 0.32 0.00	10.75 0.35 0.00	14.95 0.48 0.00	20.52 0.72 0.00	24.06 0.88 0.00	23.82 0.92 0.00	21.78 0.84 0.00	23.25 0.80 0.00	23.71 0.76 0.00	19.21 0.53 0.00
CH_MIDHUDSON___DRP 24192	16.93 0.53 0.00	17.52 0.51 0.00	18.05 0.51 0.00	14.62 0.44 0.00	18.22 0.57 0.00	17.01 0.50 0.00	19.02 0.63 0.00	18.21 0.65 0.00	18.24 0.64 0.00	16.31 0.63 0.00	15.90 0.62 0.00	13.74 0.53 0.00	11.04 0.40 0.00	9.55 0.30 0.00	10.89 0.40 0.00	10.82 0.42 0.00	15.07 0.60 0.00	20.66 0.86 0.00	24.22 1.04 0.00	23.99 1.09 0.00	21.92 0.98 0.00	23.39 0.95 0.00	23.81 0.87 0.00	19.28 0.60 0.00
CH_MISC_IPPS 23765	17.02 0.62 0.00	17.61 0.60 0.00	18.14 0.60 0.00	14.69 0.51 0.00	18.31 0.66 0.00	17.10 0.59 0.00	19.12 0.73 0.00	18.32 0.76 0.00	18.34 0.74 0.00	16.38 0.70 0.00	15.96 0.68 0.00	13.80 0.59 0.00	11.09 0.45 0.00	9.60 0.35 0.00	10.94 0.45 0.00	10.88 0.48 0.00	15.16 0.69 0.00	20.79 0.99 0.00	24.39 1.20 0.00	24.15 1.25 0.00	22.07 1.13 0.00	23.55 1.11 0.00	23.98 1.03 0.00	19.41 0.74 0.00
CH_RES_BVR_FALLS 23983	16.13 -0.27 0.00	16.71 -0.30 0.00	17.29 -0.25 0.00	13.93 -0.25 0.00	17.27 -0.38 0.00	16.20 -0.31 0.00	17.95 -0.44 0.00	17.13 -0.43 0.00	17.30 -0.30 0.00	15.37 -0.31 0.00	15.00 -0.28 0.00	12.96 -0.25 0.00	10.39 -0.25 0.00	9.04 -0.21 0.00	10.21 -0.28 0.00	10.11 -0.28 0.00	14.08 -0.39 0.00	19.31 -0.50 0.00	22.66 -0.52 0.00	22.46 -0.43 0.00	20.57 -0.37 0.00	22.13 -0.31 0.00	22.68 -0.26 0.00	18.46 -0.22 0.00
CH_RES_NIAGARA 23895	15.14 -1.26 0.00	15.95 -1.06 0.00	16.47 -1.06 0.00	13.26 -0.92 0.00	16.37 -1.28 0.00	15.42 -1.08 0.00	16.99 -1.40 0.00	16.04 -1.52 0.00	15.94 -1.67 0.00	13.94 -1.74 0.00	13.49 -1.79 0.00	11.55 -1.67 0.00	9.41 -1.24 0.00	8.29 -0.96 0.00	9.36 -1.13 0.00	9.40 -1.00 0.00	13.19 -1.28 0.00	17.82 -1.98 0.00	20.70 -2.48 0.00	20.26 -2.64 0.00	18.70 -2.25 0.00	20.16 -2.29 0.00	20.90 -2.04 0.00	17.76 -0.93 0.00
CH_RES_SYRACUSE 23985	16.37 -0.03 0.00	17.02 0.01 0.00	17.55 0.02 0.00	14.20 0.01 0.00	17.66 0.00 0.00	16.53 0.03 0.00	18.42 0.03 0.00	17.60 0.04 0.00	17.61 0.00 0.00	15.66 -0.02 0.00	15.22 -0.06 0.00	13.12 -0.09 0.00	10.60 -0.04 0.00	9.22 -0.03 0.00	10.45 -0.04 0.00	10.36 -0.04 0.00	14.46 -0.01 0.00	19.73 -0.07 0.00	23.08 -0.11 0.00	22.82 -0.08 0.00	20.90 -0.04 0.00	22.36 -0.09 0.00	22.87 -0.07 0.00	18.72 0.04 0.00
CLINTON_WT_PWR 323605	16.34 -0.06 0.00	16.96 -0.05 0.00	17.50 -0.04 0.00	14.18 0.00 0.00	17.67 0.02 0.00	16.47 -0.04 0.00	18.31 -0.08 0.00	17.14 -0.42 0.00	17.30 -0.30 0.00	15.38 -0.30 0.00	14.99 -0.29 0.00	13.06 -0.15 0.00	10.55 -0.09 0.00	9.20 -0.05 0.00	10.26 -0.24 0.00	10.09 -0.31 0.00	14.13 -0.34 0.00	19.45 -0.36 0.00	22.73 -0.45 0.00	22.27 -0.63 0.00	20.25 -0.69 0.00	21.80 -0.64 0.00	22.37 -0.57 0.00	18.05 -0.63 0.00
CLINTON___LFGE 323618	16.56 0.16 0.00	17.17 0.16 0.00	17.68 0.14 0.00	14.33 0.15 0.00	17.87 0.21 0.00	16.68 0.17 0.00	18.55 0.16 0.00	17.41 -0.15 0.00	17.59 -0.02 0.00	15.64 -0.04 0.00	15.22 -0.06 0.00	13.26 0.04 0.00	10.69 0.04 0.00	9.32 0.07 0.00	10.42 -0.07 0.00	10.24 -0.15 0.00	14.36 -0.11 0.00	19.74 -0.06 0.00	23.13 -0.05 0.00	22.61 -0.29 0.00	20.56 -0.38 0.00	22.15 -0.30 0.00	22.67 -0.27 0.00	18.30 -0.39 0.00
COBBLENY_34_KV_TB1 80064	15.71 -0.69 0.00	16.53 -0.49 0.00	17.06 -0.48 0.00	13.75 -0.44 0.00	16.99 -0.66 0.00	15.98 -0.53 0.00	17.67 -0.72 0.00	16.76 -0.80 0.00	16.62 -0.99 0.00	14.55 -1.13 0.00	14.04 -1.24 0.00	12.00 -1.22 0.00	9.78 -0.86 0.00	8.61 -0.64 0.00	9.76 -0.74 0.00	9.79 -0.60 0.00	13.74 -0.73 0.00	18.60 -1.21 0.00	21.61 -1.57 0.00	21.21 -1.69 0.00	19.60 -1.34 0.00	21.14 -1.31 0.00	21.89 -1.06 0.00	18.45 -0.23 0.00
COFFEEN___115KV_TB3 355620	16.09 -0.31 0.00	16.44 -0.57 0.00	17.14 -0.40 0.00	13.65 -0.54 0.00	16.73 -0.93 0.00	15.70 -0.80 0.00	17.52 -0.87 0.00	16.84 -0.72 0.00	17.04 -0.56 0.00	14.82 -0.86 0.00	14.49 -0.78 0.00	12.28 -0.94 0.00	9.92 -0.73 0.00	8.56 -0.68 0.00	9.73 -0.76 0.00	9.53 -0.87 0.00	13.29 -1.18 0.00	18.49 -1.32 0.00	22.05 -1.14 0.00	22.22 -0.67 0.00	20.40 -0.55 0.00	22.02 -0.42 0.00	22.45 -0.50 0.00	18.34 -0.34 0.00
COLDSPRG_115KV_BK1 355956	16.21 -0.20 0.00	17.00 -0.01 0.00	17.61 0.08 0.00	14.22 0.04 0.00	17.57 -0.09 0.00	16.48 -0.03 0.00	18.38 -0.01 0.00	17.49 -0.07 0.00	17.31 -0.29 0.00	15.16 -0.51 0.00	14.59 -0.69 0.00	12.41 -0.80 0.00	10.15 -0.49 0.00	8.99 -0.26 0.00	10.24 -0.25 0.00	10.28 -0.11 0.00	14.40 -0.07 0.00	19.36 -0.44 0.00	22.51 -0.67 0.00	22.06 -0.84 0.00	20.50 -0.44 0.00	22.19 -0.25 0.00	22.96 0.02 0.00	19.24 0.56 0.00
COLONIE_LFGE___ 323577	16.68 0.28 0.00	17.28 0.27 0.00	17.84 0.31 0.00	14.45 0.27 0.00	18.02 0.36 0.00	16.82 0.31 0.00	18.74 0.35 0.00	17.91 0.35 0.00	18.01 0.40 0.00	16.12 0.44 0.00	15.67 0.39 0.00	13.56 0.35 0.00	10.88 0.23 0.00	9.42 0.17 0.00	10.71 0.21 0.00	10.61 0.21 0.00	14.75 0.29 0.00	20.25 0.45 0.00	23.74 0.55 0.00	23.47 0.57 0.00	21.37 0.43 0.00	22.89 0.44 0.00	23.33 0.39 0.00	18.93 0.24 0.00
COOPERNY_115KV_TB1 80082	16.71 0.30 0.00	17.30 0.29 0.00	17.82 0.28 0.00	14.43 0.24 0.00	17.98 0.32 0.00	16.79 0.29 0.00	18.77 0.37 0.00	17.96 0.40 0.00	17.98 0.37 0.00	16.03 0.35 0.00	15.62 0.34 0.00	13.50 0.29 0.00	10.87 0.22 0.00	9.43 0.18 0.00	10.72 0.23 0.00	10.65 0.26 0.00	14.82 0.35 0.00	20.33 0.52 0.00	23.82 0.63 0.00	23.56 0.67 0.00	21.55 0.61 0.00	23.02 0.58 0.00	23.50 0.55 0.00	19.07 0.39 0.00
COPENHAGEN_WT_PWR 323753	15.94 -0.46 0.00	16.24 -0.77 0.00	16.99 -0.55 0.00	13.48 -0.71 0.00	16.47 -1.19 0.00	15.45 -1.05 0.00	17.24 -1.15 0.00	16.57 -0.99 0.00	16.82 -0.79 0.00	14.65 -1.03 0.00	14.35 -0.93 0.00	12.19 -1.03 0.00	9.80 -0.84 0.00	8.48 -0.77 0.00	9.62 -0.87 0.00	9.44 -0.95 0.00	13.16 -1.31 0.00	18.24 -1.56 0.00	21.72 -1.46 0.00	21.86 -1.04 0.00	20.06 -0.88 0.00	21.71 -0.73 0.00	22.17 -0.78 0.00	18.15 -0.54 0.00
CORNELL_____ 23752	16.51 0.11 0.00	17.15 0.14 0.00	17.72 0.18 0.00	14.32 0.14 0.00	17.85 0.19 0.00	16.71 0.21 0.00	18.63 0.23 0.00	17.81 0.25 0.00	17.80 0.20 0.00	15.83 0.15 0.00	15.37 0.09 0.00	13.21 -0.01 0.00	10.66 0.01 0.00	9.28 0.03 0.00	10.53 0.04 0.00	10.43 0.03 0.00	14.60 0.13 0.00	20.05 0.25 0.00	23.49 0.31 0.00	23.24 0.35 0.00	21.32 0.37 0.00	22.80 0.36 0.00	23.31 0.37 0.00	19.06 0.38 0.00

CORONA__69_KV_TB1 355595	17.31 0.91 0.00	17.88 0.87 0.00	18.37 0.83 0.00	14.86 0.68 0.00	18.52 0.86 0.00	17.28 0.77 0.00	19.30 0.91 0.00	18.53 0.97 0.00	18.50 0.90 0.00	16.50 0.82 0.00	16.13 0.85 0.00	13.90 0.69 0.00	11.16 0.52 0.00	9.66 0.42 0.00	11.04 0.55 0.00	11.00 0.60 0.00	15.33 0.87 0.00	21.01 1.21 0.00	24.68 1.50 0.00	24.39 1.49 0.00	22.35 1.41 0.00	23.88 1.44 0.00	24.32 1.37 -0.01	19.67 0.99 0.00
CORTLAND__115KV_TB3 80093	16.43 0.03 0.00	17.07 0.06 0.00	17.61 0.07 0.00	14.24 0.06 0.00	17.73 0.07 0.00	16.59 0.09 0.00	18.49 0.10 0.00	17.69 0.13 0.00	17.69 0.09 0.00	15.73 0.05 0.00	15.29 0.01 0.00	13.16 -0.05 0.00	10.62 -0.02 0.00	9.24 -0.01 0.00	10.49 0.00 0.00	10.39 -0.01 0.00	14.51 0.04 0.00	19.90 0.10 0.00	23.31 0.13 0.00	23.06 0.17 0.00	21.15 0.20 0.00	22.62 0.18 0.00	23.13 0.18 0.00	18.90 0.22 0.00
COXSACKIE__GT 23611	17.43 1.03 0.00	18.03 1.02 0.00	18.62 1.08 0.00	15.07 0.88 0.00	18.77 1.11 0.00	17.54 1.04 0.00	19.57 1.17 0.00	18.73 1.17 0.00	18.87 1.26 0.00	16.52 0.83 0.00	16.03 0.75 0.00	13.88 0.66 0.00	11.14 0.50 0.00	9.79 0.54 0.00	11.05 0.56 0.00	10.90 0.51 0.00	15.29 0.81 0.00	21.22 1.42 0.00	24.78 1.60 0.00	24.76 1.86 0.00	22.51 1.57 0.00	24.07 1.63 0.00	24.50 1.56 0.00	19.85 1.17 0.00
CPV__VALLEY__CC1 323721	16.73 0.33 0.00	17.31 0.30 0.00	17.83 0.30 0.00	14.44 0.26 0.00	18.00 0.34 0.00	16.80 0.30 0.00	18.80 0.41 0.00	18.00 0.43 0.00	18.01 0.40 0.00	16.08 0.40 0.00	15.66 0.38 0.00	13.54 0.33 0.00	10.89 0.25 0.00	9.44 0.19 0.00	10.75 0.26 0.00	10.69 0.29 0.00	14.86 0.39 0.00	20.39 0.58 0.00	23.88 0.70 0.00	23.64 0.74 0.00	21.62 0.67 0.00	23.07 0.63 0.00	23.54 0.59 0.00	19.09 0.41 0.00
CPV__VALLEY__CC2 323722	16.73 0.33 0.00	17.31 0.30 0.00	17.83 0.30 0.00	14.44 0.26 0.00	18.00 0.34 0.00	16.80 0.30 0.00	18.80 0.41 0.00	18.00 0.43 0.00	18.01 0.40 0.00	16.08 0.40 0.00	15.66 0.38 0.00	13.54 0.33 0.00	10.89 0.25 0.00	9.44 0.19 0.00	10.75 0.26 0.00	10.69 0.29 0.00	14.86 0.39 0.00	20.39 0.58 0.00	23.88 0.70 0.00	23.64 0.74 0.00	21.62 0.67 0.00	23.07 0.63 0.00	23.54 0.59 0.00	19.09 0.41 0.00
CRESCENT__HYD 24018	16.68 0.28 0.00	17.28 0.27 0.00	17.84 0.31 0.00	14.45 0.27 0.00	18.02 0.36 0.00	16.82 0.31 0.00	18.74 0.35 0.00	17.91 0.35 0.00	18.01 0.40 0.00	16.12 0.44 0.00	15.67 0.39 0.00	13.56 0.35 0.00	10.88 0.23 0.00	9.42 0.17 0.00	10.71 0.21 0.00	10.61 0.21 0.00	14.75 0.29 0.00	20.25 0.45 0.00	23.74 0.55 0.00	23.47 0.57 0.00	21.37 0.43 0.00	22.89 0.44 0.00	23.33 0.39 0.00	18.93 0.24 0.00
CRICKET__VALLEY_CC1 323756	16.74 0.34 0.00	17.34 0.33 0.00	17.89 0.35 0.00	14.50 0.32 0.00	18.07 0.41 0.00	16.87 0.36 0.00	18.83 0.44 0.00	18.02 0.46 0.00	18.05 0.45 0.00	16.20 0.52 0.00	15.81 0.53 0.00	13.66 0.45 0.00	10.96 0.32 0.00	9.47 0.22 0.00	10.80 0.31 0.00	10.71 0.32 0.00	14.93 0.45 0.00	20.43 0.63 0.00	23.93 0.75 0.00	23.72 0.82 0.00	21.65 0.71 0.00	23.12 0.67 0.00	23.51 0.57 0.00	19.04 0.36 0.00
CRICKET__VALLEY_CC2 323757	16.74 0.34 0.00	17.34 0.33 0.00	17.89 0.35 0.00	14.50 0.32 0.00	18.07 0.41 0.00	16.87 0.36 0.00	18.83 0.44 0.00	18.02 0.46 0.00	18.05 0.45 0.00	16.20 0.52 0.00	15.81 0.53 0.00	13.66 0.45 0.00	10.96 0.32 0.00	9.47 0.22 0.00	10.80 0.31 0.00	10.71 0.32 0.00	14.93 0.45 0.00	20.43 0.63 0.00	23.93 0.75 0.00	23.72 0.82 0.00	21.65 0.71 0.00	23.12 0.67 0.00	23.51 0.57 0.00	19.04 0.36 0.00
CRICKET__VALLEY_CC3 323758	16.74 0.34 0.00	17.34 0.33 0.00	17.89 0.35 0.00	14.50 0.32 0.00	18.07 0.41 0.00	16.87 0.36 0.00	18.83 0.44 0.00	18.02 0.46 0.00	18.05 0.45 0.00	16.20 0.52 0.00	15.81 0.53 0.00	13.66 0.45 0.00	10.96 0.32 0.00	9.47 0.22 0.00	10.80 0.31 0.00	10.71 0.32 0.00	14.93 0.45 0.00	20.43 0.63 0.00	23.93 0.75 0.00	23.72 0.82 0.00	21.65 0.71 0.00	23.12 0.67 0.00	23.51 0.57 0.00	19.04 0.36 0.00
CRUCIBLE__METL_DRP 24180	16.37 -0.03 0.00	17.02 0.01 0.00	17.55 0.02 0.00	14.20 0.01 0.00	17.66 0.00 0.00	16.53 0.03 0.00	18.42 0.03 0.00	17.60 0.04 0.00	17.61 0.00 0.00	15.66 -0.02 0.00	15.22 -0.06 0.00	13.12 -0.09 0.00	10.60 -0.04 0.00	9.22 -0.03 0.00	10.45 -0.04 0.00	10.36 -0.04 0.00	14.46 -0.01 0.00	19.73 -0.07 0.00	23.07 -0.11 0.00	22.82 -0.08 0.00	20.90 -0.04 0.00	22.35 -0.09 0.00	22.87 -0.07 0.00	18.72 0.04 0.00
DAHOWA__HYDRO 323763	16.85 0.45 0.00	17.45 0.44 0.00	18.01 0.48 0.00	14.58 0.40 0.00	18.19 0.53 0.00	17.00 0.49 0.00	18.92 0.52 0.00	18.10 0.54 0.00	18.22 0.61 0.00	16.29 0.61 0.00	15.82 0.54 0.00	13.67 0.45 0.00	10.95 0.30 0.00	9.49 0.24 0.00	10.79 0.30 0.00	10.68 0.29 0.00	14.87 0.39 0.00	20.43 0.63 0.00	24.05 0.86 0.00	23.80 0.90 0.00	21.66 0.72 0.00	23.19 0.74 0.00	23.58 0.64 0.00	19.09 0.41 0.00
DANC__LFGE 323619	16.03 -0.37 0.00	16.45 -0.56 0.00	17.11 -0.43 0.00	13.68 -0.50 0.00	16.85 -0.81 0.00	15.78 -0.72 0.00	17.59 -0.80 0.00	16.87 -0.69 0.00	17.03 -0.58 0.00	14.95 -0.72 0.00	14.61 -0.67 0.00	12.48 -0.73 0.00	10.06 -0.58 0.00	8.71 -0.54 0.00	9.88 -0.61 0.00	9.74 -0.66 0.00	13.56 -0.91 0.00	18.67 -1.13 0.00	22.11 -1.08 0.00	22.11 -0.79 0.00	20.26 -0.68 0.00	21.84 -0.60 0.00	22.31 -0.64 0.00	18.26 -0.43 0.00
DANSKAMMER__1 23586	17.02 0.62 0.00	17.61 0.60 0.00	18.14 0.60 0.00	14.69 0.51 0.00	18.31 0.66 0.00	17.10 0.59 0.00	19.12 0.73 0.00	18.32 0.76 0.00	18.34 0.74 0.00	16.38 0.70 0.00	15.96 0.68 0.00	13.80 0.59 0.00	11.09 0.45 0.00	9.60 0.35 0.00	10.94 0.45 0.00	10.88 0.48 0.00	15.16 0.69 0.00	20.79 0.99 0.00	24.39 1.20 0.00	24.15 1.25 0.00	22.07 1.13 0.00	23.55 1.11 0.00	23.98 1.03 0.00	19.41 0.74 0.00
DANSKAMMER__2 23589	17.02 0.62 0.00	17.61 0.60 0.00	18.14 0.60 0.00	14.69 0.51 0.00	18.31 0.66 0.00	17.10 0.59 0.00	19.12 0.73 0.00	18.32 0.76 0.00	18.34 0.74 0.00	16.38 0.70 0.00	15.96 0.68 0.00	13.80 0.59 0.00	11.09 0.45 0.00	9.60 0.35 0.00	10.94 0.45 0.00	10.88 0.48 0.00	15.16 0.69 0.00	20.79 0.99 0.00	24.39 1.20 0.00	24.15 1.25 0.00	22.07 1.13 0.00	23.55 1.11 0.00	23.98 1.03 0.00	19.41 0.74 0.00
DANSKAMMER__3 23590	17.02 0.62 0.00	17.61 0.60 0.00	18.14 0.60 0.00	14.69 0.51 0.00	18.31 0.66 0.00	17.10 0.59 0.00	19.12 0.73 0.00	18.32 0.76 0.00	18.34 0.74 0.00	16.38 0.70 0.00	15.96 0.68 0.00	13.80 0.59 0.00	11.09 0.45 0.00	9.60 0.35 0.00	10.94 0.45 0.00	10.88 0.48 0.00	15.16 0.69 0.00	20.79 0.99 0.00	24.39 1.20 0.00	24.15 1.25 0.00	22.07 1.13 0.00	23.55 1.11 0.00	23.98 1.03 0.00	19.41 0.74 0.00

DANSKAMMER___4 23591	17.02 0.62 0.00	17.61 0.60 0.00	18.14 0.60 0.00	14.69 0.51 0.00	18.31 0.66 0.00	17.10 0.59 0.00	19.12 0.73 0.00	18.32 0.76 0.00	18.34 0.74 0.00	16.38 0.70 0.00	15.96 0.68 0.00	13.80 0.59 0.00	11.09 0.45 0.00	9.60 0.35 0.00	10.94 0.45 0.00	10.88 0.48 0.00	15.16 0.69 0.00	20.79 0.99 0.00	24.39 1.20 0.00	24.15 1.25 0.00	22.07 1.13 0.00	23.55 1.11 0.00	23.98 1.03 0.00	19.41 0.74 0.00
DANSKAMMER___DIESEL 23592	17.03 0.62 0.00	17.61 0.60 0.00	18.14 0.60 0.00	14.69 0.51 0.00	18.31 0.66 0.00	17.10 0.59 0.00	19.12 0.73 0.00	18.32 0.76 0.00	18.34 0.74 0.00	16.38 0.70 0.00	15.96 0.68 0.00	13.80 0.59 0.00	11.09 0.45 0.00	9.60 0.35 0.00	10.94 0.45 0.00	10.88 0.48 0.00	15.16 0.69 0.00	20.79 0.99 0.00	24.39 1.20 0.00	24.15 1.25 0.00	22.07 1.13 0.00	23.55 1.11 0.00	23.97 1.03 0.00	19.41 0.73 0.00
DARBY___SOLAR 323810	16.85 0.45 0.00	17.45 0.44 0.00	18.01 0.47 0.00	14.58 0.40 0.00	18.18 0.53 0.00	16.99 0.48 0.00	18.91 0.52 0.00	18.09 0.53 0.00	18.20 0.59 0.00	16.26 0.58 0.00	15.80 0.52 0.00	13.65 0.44 0.00	10.94 0.30 0.00	9.48 0.23 0.00	10.78 0.28 0.00	10.67 0.27 0.00	14.84 0.38 0.00	20.41 0.61 0.00	24.02 0.83 0.00	23.77 0.87 0.00	21.64 0.70 0.00	23.17 0.72 0.00	23.57 0.63 0.00	19.10 0.41 0.00
DASHVILLE___HYD 23610	16.85 0.45 0.00	17.43 0.42 0.00	17.95 0.41 0.00	14.54 0.36 0.00	18.12 0.46 0.00	16.91 0.40 0.00	18.92 0.52 0.00	18.13 0.57 0.00	18.16 0.55 0.00	16.22 0.54 0.00	15.80 0.53 0.00	13.65 0.44 0.00	10.98 0.34 0.00	9.50 0.25 0.00	10.84 0.35 0.00	10.77 0.37 0.00	15.00 0.53 0.00	20.57 0.77 0.00	24.12 0.94 0.00	23.88 0.99 0.00	21.83 0.90 0.00	23.29 0.85 0.00	23.72 0.78 0.00	19.20 0.51 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	17.34 0.95 0.00	17.92 0.91 0.00	18.39 0.85 0.00	14.89 0.71 0.00	18.54 0.88 0.00	17.28 0.78 0.00	19.33 0.93 0.00	18.52 0.96 0.00	18.40 0.79 0.00	16.28 0.60 0.00	15.91 0.63 0.00	13.69 0.48 0.00	11.00 0.36 0.00	9.50 0.25 0.00	10.86 0.37 0.00	10.89 0.49 0.00	15.21 0.74 0.00	20.82 1.02 0.00	24.54 1.36 0.00	24.22 1.32 0.00	22.23 1.29 0.00	23.96 1.51 0.00	24.35 1.40 0.00	19.79 1.11 0.00
DELAWARE___LFGE 323621	16.67 0.27 0.00	17.25 0.24 0.00	17.81 0.27 0.00	14.40 0.22 0.00	17.99 0.33 0.00	16.82 0.31 0.00	18.74 0.35 0.00	17.92 0.36 0.00	17.94 0.34 0.00	15.98 0.30 0.00	15.55 0.27 0.00	13.45 0.24 0.00	10.86 0.21 0.00	9.42 0.17 0.00	10.69 0.20 0.00	10.62 0.22 0.00	14.79 0.32 0.00	20.27 0.47 0.00	23.73 0.55 0.00	23.49 0.60 0.00	21.51 0.57 0.00	23.02 0.58 0.00	23.52 0.57 0.00	19.14 0.46 0.00
DERFIELD_115KV_TB7 355931	16.40 0.00 0.00	17.00 -0.01 0.00	17.54 0.00 0.00	14.18 0.00 0.00	17.67 0.01 0.00	16.51 0.00 0.00	18.39 0.00 0.00	17.58 0.02 0.00	17.63 0.02 0.00	15.71 0.03 0.00	15.30 0.02 0.00	13.23 0.01 0.00	10.65 0.00 0.00	9.24 -0.01 0.00	10.49 0.00 0.00	10.40 0.00 0.00	14.47 -0.01 0.00	19.80 0.00 0.00	23.19 0.01 0.00	22.94 0.05 0.00	20.98 0.04 0.00	22.47 0.02 0.00	22.95 0.00 0.00	18.68 0.00 0.00
DOGLEVILLE___HYD 23807	16.10 -0.30 0.00	16.60 -0.41 0.00	17.05 -0.49 0.00	13.84 -0.35 0.00	17.45 -0.21 0.00	16.28 -0.23 0.00	18.13 -0.26 0.00	17.37 -0.19 0.00	17.39 -0.21 0.00	15.58 -0.10 0.00	15.16 -0.12 0.00	13.10 -0.11 0.00	10.47 -0.17 0.00	9.03 -0.21 0.00	10.31 -0.18 0.00	10.17 -0.22 0.00	14.18 -0.29 0.00	19.57 -0.24 0.00	23.06 -0.12 0.00	23.00 0.10 0.00	20.86 -0.07 0.00	22.39 -0.05 0.00	22.79 -0.15 0.00	18.41 -0.27 0.00
DUNKIRK___115KV_TB_200 55889	15.61 -0.79 0.00	16.41 -0.60 0.00	16.96 -0.58 0.00	13.70 -0.48 0.00	16.92 -0.74 0.00	15.87 -0.64 0.00	17.64 -0.75 0.00	16.76 -0.80 0.00	16.60 -1.00 0.00	14.54 -1.14 0.00	14.02 -1.26 0.00	11.92 -1.30 0.00	9.73 -0.92 0.00	8.60 -0.65 0.00	9.77 -0.73 0.00	9.79 -0.60 0.00	13.72 -0.76 0.00	18.50 -1.31 0.00	21.54 -1.64 0.00	21.13 -1.76 0.00	19.62 -1.32 0.00	21.28 -1.17 0.00	22.02 -0.92 0.00	18.47 -0.22 0.00
DUNKIRK___1 23563	15.61 -0.79 0.00	16.41 -0.60 0.00	16.96 -0.58 0.00	13.70 -0.48 0.00	16.92 -0.74 0.00	15.87 -0.64 0.00	17.64 -0.75 0.00	16.76 -0.80 0.00	16.60 -1.00 0.00	14.54 -1.14 0.00	14.02 -1.26 0.00	11.92 -1.30 0.00	9.73 -0.92 0.00	8.60 -0.65 0.00	9.77 -0.73 0.00	9.79 -0.60 0.00	13.72 -0.76 0.00	18.50 -1.31 0.00	21.54 -1.64 0.00	21.13 -1.76 0.00	19.62 -1.32 0.00	21.28 -1.17 0.00	22.02 -0.92 0.00	18.47 -0.22 0.00
DUNKIRK___2 23564	15.61 -0.79 0.00	16.41 -0.60 0.00	16.96 -0.58 0.00	13.70 -0.48 0.00	16.92 -0.74 0.00	15.87 -0.64 0.00	17.64 -0.75 0.00	16.76 -0.80 0.00	16.60 -1.00 0.00	14.54 -1.14 0.00	14.02 -1.26 0.00	11.92 -1.30 0.00	9.73 -0.92 0.00	8.60 -0.65 0.00	9.77 -0.73 0.00	9.79 -0.60 0.00	13.72 -0.76 0.00	18.50 -1.31 0.00	21.54 -1.64 0.00	21.13 -1.76 0.00	19.62 -1.32 0.00	21.28 -1.17 0.00	22.02 -0.92 0.00	18.47 -0.22 0.00
DUNKIRK___3 23565	15.60 -0.80 0.00	16.40 -0.61 0.00	16.94 -0.59 0.00	13.69 -0.50 0.00	16.92 -0.73 0.00	15.87 -0.63 0.00	17.63 -0.76 0.00	16.77 -0.79 0.00	16.60 -1.01 0.00	14.55 -1.13 0.00	14.03 -1.25 0.00	11.95 -1.27 0.00	9.75 -0.89 0.00	8.61 -0.64 0.00	9.78 -0.71 0.00	9.80 -0.59 0.00	13.73 -0.74 0.00	18.55 -1.25 0.00	21.58 -1.61 0.00	21.16 -1.73 0.00	19.62 -1.33 0.00	21.23 -1.21 0.00	21.99 -0.95 0.00	18.42 -0.26 0.00
DUNKIRK___4 23566	15.63 -0.77 0.00	16.43 -0.58 0.00	16.98 -0.56 0.00	13.71 -0.48 0.00	16.94 -0.72 0.00	15.89 -0.61 0.00	17.64 -0.75 0.00	16.75 -0.80 0.00	16.59 -1.01 0.00	14.54 -1.15 0.00	14.02 -1.26 0.00	11.93 -1.29 0.00	9.73 -0.91 0.00	8.60 -0.65 0.00	9.76 -0.73 0.00	9.79 -0.60 0.00	13.72 -0.75 0.00	18.52 -1.28 0.00	21.55 -1.63 0.00	21.15 -1.75 0.00	19.60 -1.34 0.00	21.23 -1.22 0.00	21.97 -0.97 0.00	18.46 -0.23 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	17.02 0.62 0.00	17.60 0.59 0.00	18.11 0.57 0.00	14.67 0.49 0.00	18.28 0.62 0.00	17.05 0.55 0.00	19.08 0.69 0.00	18.30 0.74 0.00	18.31 0.71 0.00	16.36 0.68 0.00	15.96 0.68 0.00	13.79 0.57 0.00	11.08 0.43 0.00	9.60 0.35 0.00	10.95 0.46 0.00	10.88 0.49 0.00	15.14 0.67 0.00	20.76 0.96 0.00	24.36 1.18 0.00	24.13 1.23 0.00	22.06 1.12 0.00	23.53 1.08 0.00	23.96 1.02 0.00	19.39 0.71 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	16.93 0.53 0.00	17.51 0.50 0.00	18.03 0.49 0.00	14.60 0.42 0.00	18.20 0.54 0.00	16.99 0.49 0.00	19.01 0.62 0.00	18.21 0.65 0.00	18.23 0.62 0.00	16.27 0.59 0.00	15.84 0.56 0.00	13.70 0.48 0.00	11.01 0.37 0.00	9.54 0.29 0.00	10.87 0.37 0.00	10.80 0.41 0.00	15.04 0.57 0.00	20.65 0.84 0.00	24.21 1.02 0.00	23.97 1.08 0.00	21.92 0.98 0.00	23.39 0.95 0.00	23.84 0.89 0.00	19.30 0.62 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	17.10 0.70 0.00	17.67 0.67 0.00	18.19 0.65 0.00	14.72 0.54 0.00	18.36 0.70 0.00	17.12 0.61 0.00	19.16 0.77 0.00	18.38 0.82 0.00	18.38 0.77 0.00	16.41 0.72 0.00	16.04 0.76 0.00	13.84 0.63 0.00	11.13 0.49 0.00	9.64 0.39 0.00	11.00 0.50 0.00	10.93 0.54 0.00	15.20 0.73 0.00	20.80 1.00 0.00	24.43 1.25 0.00	24.25 1.35 0.00	22.18 1.24 0.00	23.59 1.15 0.00	24.07 1.12 0.00	19.48 0.80 0.00
E179THST_13_KV_LOAD 356214	17.16 0.76 0.00	17.74 0.73 0.00	18.25 0.72 0.00	14.77 0.59 0.00	18.42 0.76 0.00	17.17 0.67 0.00	19.22 0.83 0.00	18.44 0.88 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.10 0.82 0.00	13.90 0.68 0.00	11.18 0.53 0.00	9.68 0.43 0.00	11.04 0.55 0.00	10.97 0.58 0.00	15.26 0.79 0.00	20.89 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.69 1.24 0.00	24.16 1.22 0.00	19.56 0.88 0.00
EAST HAMPTON___GT 23717	17.24 0.84 0.00	17.81 0.80 0.00	18.27 0.73 0.00	14.80 0.61 0.00	18.42 0.76 0.00	17.18 0.67 0.00	19.22 0.82 0.00	18.42 0.86 0.00	18.31 0.70 0.00	16.19 0.51 0.00	15.81 0.53 0.00	13.68 0.46 0.00	10.99 0.35 0.00	9.46 0.21 0.00	10.84 0.35 0.00	10.86 0.47 0.00	15.18 0.71 0.00	20.71 0.91 0.00	24.43 1.25 0.00	24.28 1.38 0.00	22.29 1.35 0.00	24.08 1.64 0.00	24.49 1.55 0.00	19.97 1.29 0.00
EAST RIVER___6 23660	17.09 0.69 0.00	17.65 0.65 0.00	18.14 0.61 0.00	14.71 0.52 0.00	18.34 0.69 0.00	17.11 0.60 0.00	19.12 0.73 0.00	18.38 0.82 0.00	18.39 0.78 0.00	16.41 0.73 0.00	16.02 0.74 0.00	13.84 0.62 0.00	11.13 0.49 0.00	9.64 0.39 0.00	11.02 0.53 0.00	10.95 0.55 0.00	15.23 0.76 0.00	20.87 1.07 0.00	24.51 1.33 0.00	24.30 1.40 0.00	22.21 1.27 0.00	23.63 1.19 0.00	24.07 1.12 0.00	19.46 0.78 0.00
EAST RIVER___7 23524	17.09 0.69 0.00	17.65 0.65 0.00	18.14 0.61 0.00	14.71 0.52 0.00	18.34 0.69 0.00	17.11 0.60 0.00	19.12 0.73 0.00	18.38 0.82 0.00	18.39 0.78 0.00	16.41 0.73 0.00	16.02 0.74 0.00	13.84 0.62 0.00	11.13 0.49 0.00	9.64 0.39 0.00	11.02 0.53 0.00	10.95 0.55 0.00	15.23 0.76 0.00	20.87 1.07 0.00	24.51 1.33 0.00	24.30 1.40 0.00	22.21 1.27 0.00	23.63 1.19 0.00	24.07 1.12 0.00	19.46 0.78 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	17.00 0.60 0.00	17.58 0.57 0.00	18.09 0.55 0.00	14.65 0.46 0.00	18.26 0.60 0.00	17.04 0.53 0.00	19.07 0.67 0.00	18.28 0.72 0.00	18.29 0.69 0.00	16.34 0.66 0.00	15.94 0.66 0.00	13.77 0.55 0.00	11.06 0.42 0.00	9.58 0.33 0.00	10.93 0.44 0.00	10.87 0.47 0.00	15.12 0.65 0.00	20.73 0.93 0.00	24.33 1.15 0.00	24.10 1.20 0.00	22.03 1.09 0.00	23.49 1.05 0.00	23.94 0.99 0.00	19.37 0.69 0.00
EAST_HAMPTON___DIESEL 23722	17.21 0.81 0.00	17.77 0.77 0.00	18.24 0.70 0.00	14.77 0.59 0.00	18.38 0.73 0.00	17.15 0.64 0.00	19.18 0.79 0.00	18.39 0.83 0.00	18.28 0.67 0.00	16.16 0.48 0.00	15.78 0.50 0.00	13.67 0.45 0.00	10.98 0.33 0.00	9.45 0.20 0.00	10.82 0.33 0.00	10.85 0.46 0.00	15.16 0.69 0.00	20.68 0.87 0.00	24.40 1.21 0.00	24.26 1.36 0.00	22.27 1.33 0.00	24.07 1.62 0.00	24.48 1.54 0.00	19.97 1.29 0.00
EAST_PULASKI___ESR 323781	16.15 -0.25 0.00	16.69 -0.31 0.00	17.27 -0.26 0.00	13.91 -0.28 0.00	17.23 -0.43 0.00	16.14 -0.37 0.00	17.97 -0.43 0.00	17.20 -0.36 0.00	17.27 -0.34 0.00	15.27 -0.40 0.00	14.90 -0.38 0.00	12.80 -0.42 0.00	10.32 -0.32 0.00	8.96 -0.30 0.00	10.15 -0.34 0.00	10.04 -0.36 0.00	13.97 -0.50 0.00	19.12 -0.69 0.00	22.52 -0.66 0.00	22.38 -0.51 0.00	20.49 -0.45 0.00	22.01 -0.43 0.00	22.49 -0.46 0.00	18.40 -0.28 0.00
EAST_RIVER___1 323558	17.10 0.70 0.00	17.66 0.66 0.00	18.16 0.63 0.00	14.72 0.53 0.00	18.34 0.69 0.00	17.10 0.60 0.00	19.13 0.74 0.00	18.39 0.83 0.00	18.39 0.79 0.00	16.41 0.73 0.00	16.02 0.74 0.00	13.84 0.62 0.00	11.13 0.49 0.00	9.64 0.39 0.00	11.01 0.52 0.00	10.94 0.55 0.00	15.22 0.75 0.00	20.85 1.05 0.00	24.48 1.30 0.00	24.28 1.38 0.00	22.20 1.26 0.00	23.63 1.19 0.00	24.07 1.13 0.00	19.47 0.78 0.00
EAST_RIVER___2 323559	17.09 0.69 0.00	17.65 0.65 0.00	18.14 0.61 0.00	14.71 0.52 0.00	18.34 0.69 0.00	17.11 0.60 0.00	19.12 0.73 0.00	18.38 0.82 0.00	18.39 0.78 0.00	16.41 0.73 0.00	16.02 0.74 0.00	13.84 0.62 0.00	11.13 0.49 0.00	9.64 0.39 0.00	11.02 0.53 0.00	10.95 0.55 0.00	15.23 0.76 0.00	20.87 1.07 0.00	24.51 1.33 0.00	24.30 1.40 0.00	22.21 1.27 0.00	23.63 1.19 0.00	24.07 1.12 0.00	19.46 0.78 0.00
EAST___DELAWARE_HYD 23607	17.18 0.78 0.00	17.81 0.80 0.00	18.34 0.80 0.00	14.85 0.67 0.00	18.51 0.85 0.00	17.29 0.79 0.00	19.35 0.96 0.00	18.54 0.98 0.00	18.56 0.95 0.00	16.49 0.81 0.00	16.05 0.77 0.00	13.88 0.67 0.00	11.21 0.57 0.00	9.69 0.44 0.00	11.01 0.51 0.00	10.95 0.55 0.00	15.32 0.85 0.00	21.01 1.21 0.00	24.61 1.43 0.00	24.41 1.51 0.00	22.35 1.41 0.00	23.84 1.39 0.00	24.28 1.34 0.00	19.67 0.99 0.00
EIGHT_POINT___WT_PWR 323820	15.17 -1.23 0.00	16.44 -0.57 0.00	17.21 -0.32 0.00	13.87 -0.31 0.00	17.32 -0.34 0.00	15.86 -0.65 0.00	17.48 -0.91 0.00	16.70 -0.86 0.00	16.58 -1.02 0.00	14.81 -0.87 0.00	14.45 -0.83 0.00	12.14 -1.07 0.00	9.87 -0.77 0.00	8.59 -0.66 0.00	9.86 -0.64 0.00	9.84 -0.55 0.00	14.06 -0.41 0.00	19.27 -0.53 0.00	22.73 -0.46 0.00	22.38 -0.52 0.00	20.94 0.00 0.00	22.41 -0.04 0.00	22.89 -0.06 0.00	18.80 0.11 0.00
ELBRIDGE_115KV_TB2 80188	16.28 -0.12 0.00	16.94 -0.07 0.00	17.48 -0.06 0.00	14.14 -0.05 0.00	17.59 -0.07 0.00	16.46 -0.05 0.00	18.35 -0.05 0.00	17.50 -0.06 0.00	17.53 -0.08 0.00	15.57 -0.10 0.00	15.14 -0.14 0.00	13.03 -0.18 0.00	10.53 -0.11 0.00	9.17 -0.08 0.00	10.40 -0.10 0.00	10.30 -0.10 0.00	14.39 -0.08 0.00	19.64 -0.17 0.00	22.96 -0.22 0.00	22.70 -0.20 0.00	20.80 -0.14 0.00	22.24 -0.21 0.00	22.76 -0.18 0.00	18.65 -0.04 0.00
ELEC_TRO_TEK 24086	17.20 0.80 0.00	17.77 0.76 0.00	18.27 0.73 0.00	14.79 0.60 0.00	18.42 0.77 0.00	17.18 0.68 0.00	19.21 0.81 0.00	18.42 0.86 0.00	18.40 0.79 0.00	16.41 0.72 0.00	16.05 0.76 0.00	13.83 0.62 0.00	11.11 0.46 0.00	9.62 0.37 0.00	10.98 0.49 0.00	10.94 0.54 0.00	15.25 0.78 0.00	20.90 1.10 0.00	24.55 1.37 0.00	24.25 1.35 0.00	22.22 1.28 0.00	23.73 1.29 0.00	24.17 1.23 0.00	19.55 0.87 0.00
ELLENBURG_WT_PWR 323604	16.34 -0.06 0.00	16.96 -0.05 0.00	17.50 -0.04 0.00	14.18 0.00 0.00	17.67 0.02 0.00	16.47 -0.04 0.00	18.31 -0.08 0.00	17.14 -0.42 0.00	17.30 -0.30 0.00	15.38 -0.30 0.00	14.99 -0.29 0.00	13.06 -0.15 0.00	10.55 -0.09 0.00	9.20 -0.05 0.00	10.26 -0.24 0.00	10.09 -0.31 0.00	14.13 -0.34 0.00	19.45 -0.36 0.00	22.73 -0.45 0.00	22.27 -0.63 0.00	20.25 -0.69 0.00	21.80 -0.64 0.00	22.37 -0.57 0.00	18.05 -0.63 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	15.54 -0.86 0.00	16.35 -0.66 0.00	16.88 -0.66 0.00	13.60 -0.58 0.00	16.81 -0.85 0.00	15.81 -0.70 0.00	17.47 -0.92 0.00	16.55 -1.01 0.00	16.42 -1.19 0.00	14.38 -1.30 0.00	13.88 -1.40 0.00	11.86 -1.35 0.00	9.67 -0.97 0.00	8.52 -0.73 0.00	9.64 -0.85 0.00	9.68 -0.71 0.00	13.58 -0.89 0.00	18.36 -1.44 0.00	21.35 -1.84 0.00	20.94 -1.96 0.00	19.34 -1.60 0.00	20.87 -1.57 0.00	21.61 -1.33 0.00	18.25 -0.43 0.00
EMPIRE_CC_1 323656	16.57 0.17 0.00	17.17 0.16 0.00	17.73 0.19 0.00	14.36 0.18 0.00	17.90 0.24 0.00	16.70 0.20 0.00	18.59 0.20 0.00	17.72 0.17 0.00	17.82 0.21 0.00	15.99 0.31 0.00	15.58 0.30 0.00	13.49 0.28 0.00	10.82 0.18 0.00	9.36 0.11 0.00	10.66 0.16 0.00	10.56 0.17 0.00	14.68 0.21 0.00	20.07 0.26 0.00	23.48 0.30 0.00	23.21 0.31 0.00	21.13 0.19 0.00	22.64 0.19 0.00	23.14 0.20 0.00	18.80 0.12 0.00
EMPIRE_CC_2 323658	16.57 0.17 0.00	17.17 0.16 0.00	17.73 0.19 0.00	14.36 0.18 0.00	17.90 0.24 0.00	16.70 0.20 0.00	18.59 0.20 0.00	17.72 0.17 0.00	17.82 0.21 0.00	15.99 0.31 0.00	15.58 0.30 0.00	13.49 0.28 0.00	10.82 0.18 0.00	9.36 0.11 0.00	10.66 0.16 0.00	10.56 0.17 0.00	14.68 0.21 0.00	20.07 0.26 0.00	23.48 0.30 0.00	23.21 0.31 0.00	21.13 0.19 0.00	22.64 0.19 0.00	23.14 0.20 0.00	18.80 0.12 0.00
ENORWICH_115KV_TB1 80156	16.99 0.59 0.00	17.35 0.34 0.00	18.18 0.65 0.00	14.67 0.49 0.00	18.49 0.84 0.00	17.40 0.90 0.00	19.30 0.91 0.00	18.46 0.90 0.00	18.50 0.89 0.00	16.43 0.75 0.00	15.93 0.65 0.00	13.63 0.41 0.00	11.03 0.38 0.00	9.52 0.27 0.00	10.73 0.24 0.00	10.63 0.23 0.00	14.90 0.44 0.00	20.92 1.12 0.00	24.57 1.39 0.00	24.46 1.56 0.00	22.45 1.51 0.00	24.07 1.63 0.00	24.54 1.59 0.00	20.03 1.35 0.00
ERIE_ST__34_KV_TB1-2 80199	15.95 -0.45 0.00	16.78 -0.23 0.00	17.32 -0.22 0.00	13.96 -0.22 0.00	17.27 -0.39 0.00	16.24 -0.27 0.00	17.96 -0.44 0.00	17.04 -0.52 0.00	16.90 -0.71 0.00	14.81 -0.87 0.00	14.24 -1.04 0.00	12.16 -1.05 0.00	9.92 -0.73 0.00	8.74 -0.50 0.00	9.91 -0.58 0.00	9.95 -0.45 0.00	13.96 -0.51 0.00	18.89 -0.91 0.00	21.98 -1.20 0.00	21.56 -1.35 0.00	19.91 -1.03 0.00	21.46 -0.98 0.00	22.21 -0.74 0.00	18.71 0.03 0.00
ERIE_WT_PWR 323693	15.63 -0.77 0.00	16.45 -0.56 0.00	16.99 -0.54 0.00	13.69 -0.50 0.00	16.92 -0.73 0.00	15.91 -0.60 0.00	17.59 -0.80 0.00	16.69 -0.87 0.00	16.53 -1.08 0.00	14.48 -1.20 0.00	13.95 -1.32 0.00	11.92 -1.30 0.00	9.71 -0.93 0.00	8.56 -0.69 0.00	9.70 -0.79 0.00	9.74 -0.66 0.00	13.66 -0.81 0.00	18.48 -1.33 0.00	21.49 -1.69 0.00	21.09 -1.81 0.00	19.49 -1.45 0.00	21.05 -1.40 0.00	21.79 -1.16 0.00	18.35 -0.33 0.00
ESPRGFLD_115KV_TB1 80157	17.01 0.61 0.00	17.60 0.58 0.00	18.11 0.57 0.00	14.66 0.48 0.00	18.33 0.67 0.00	17.18 0.67 0.00	19.10 0.70 0.00	18.22 0.66 0.00	18.26 0.66 0.00	16.19 0.51 0.00	15.75 0.47 0.00	13.67 0.45 0.00	10.99 0.35 0.00	9.56 0.31 0.00	10.83 0.34 0.00	10.78 0.38 0.00	15.04 0.57 0.00	20.60 0.80 0.00	24.17 0.99 0.00	23.97 1.07 0.00	21.96 1.02 0.00	23.59 1.14 0.00	24.11 1.17 0.00	19.69 1.01 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	16.49 0.09 0.00	17.13 0.12 0.00	17.70 0.16 0.00	14.31 0.12 0.00	17.83 0.17 0.00	16.69 0.18 0.00	18.61 0.21 0.00	17.79 0.23 0.00	17.78 0.18 0.00	15.81 0.13 0.00	15.35 0.07 0.00	13.19 -0.02 0.00	10.64 0.00 0.00	9.27 0.02 0.00	10.52 0.03 0.00	10.42 0.02 0.00	14.58 0.11 0.00	20.02 0.22 0.00	23.46 0.28 0.00	23.21 0.31 0.00	21.28 0.34 0.00	22.77 0.32 0.00	23.28 0.34 0.00	19.04 0.35 0.00
ETNA____115KV_TB2 80207	16.49 0.09 0.00	17.13 0.12 0.00	17.70 0.16 0.00	14.31 0.12 0.00	17.83 0.17 0.00	16.69 0.18 0.00	18.61 0.21 0.00	17.79 0.23 0.00	17.78 0.18 0.00	15.81 0.13 0.00	15.35 0.07 0.00	13.19 -0.02 0.00	10.64 0.00 0.00	9.27 0.02 0.00	10.52 0.03 0.00	10.42 0.02 0.00	14.58 0.11 0.00	20.02 0.22 0.00	23.46 0.28 0.00	23.21 0.31 0.00	21.28 0.34 0.00	22.77 0.32 0.00	23.28 0.34 0.00	19.04 0.35 0.00
EUCLID__115KV_TB2 356179	16.21 -0.19 0.00	16.85 -0.17 0.00	17.38 -0.16 0.00	14.05 -0.14 0.00	17.47 -0.18 0.00	16.35 -0.15 0.00	18.21 -0.18 0.00	17.40 -0.16 0.00	17.41 -0.19 0.00	15.48 -0.20 0.00	15.06 -0.22 0.00	12.99 -0.22 0.00	10.49 -0.15 0.00	9.12 -0.13 0.00	10.35 -0.15 0.00	10.25 -0.14 0.00	14.28 -0.19 0.00	19.48 -0.32 0.00	22.78 -0.40 0.00	22.52 -0.37 0.00	20.63 -0.31 0.00	22.09 -0.35 0.00	22.59 -0.35 0.00	18.50 -0.18 0.00
E_CANADA_CAP_HY 24051	17.14 0.74 0.00	17.76 0.75 0.00	18.24 0.71 0.00	14.75 0.57 0.00	18.45 0.79 0.00	17.27 0.77 0.00	19.21 0.81 0.00	18.29 0.73 0.00	18.36 0.76 0.00	16.25 0.57 0.00	15.80 0.52 0.00	13.75 0.54 0.00	11.01 0.37 0.00	9.58 0.34 0.00	10.85 0.36 0.00	10.77 0.38 0.00	15.01 0.54 0.00	20.55 0.74 0.00	24.21 1.03 0.00	24.04 1.14 0.00	22.00 1.06 0.00	23.66 1.22 0.00	24.20 1.26 0.00	19.77 1.09 0.00
E_CANADA_MHWK_HY 24050	16.10 -0.30 0.00	16.60 -0.41 0.00	17.05 -0.49 0.00	13.84 -0.35 0.00	17.45 -0.21 0.00	16.28 -0.23 0.00	18.13 -0.26 0.00	17.37 -0.19 0.00	17.39 -0.21 0.00	15.58 -0.10 0.00	15.16 -0.12 0.00	13.10 -0.11 0.00	10.47 -0.17 0.00	9.03 -0.21 0.00	10.31 -0.18 0.00	10.17 -0.22 0.00	14.18 -0.29 0.00	19.57 -0.24 0.00	23.06 -0.12 0.00	23.00 0.10 0.00	20.86 -0.07 0.00	22.39 -0.05 0.00	22.79 -0.15 0.00	18.41 -0.27 0.00
E_FISHKILL__LBMP 23776	16.87 0.47 0.00	17.45 0.44 0.00	17.98 0.44 0.00	14.56 0.38 0.00	18.15 0.50 0.00	16.95 0.44 0.00	18.94 0.55 0.00	18.14 0.58 0.00	18.17 0.56 0.00	16.25 0.57 0.00	15.84 0.56 0.00	13.69 0.48 0.00	11.00 0.36 0.00	9.52 0.27 0.00	10.85 0.36 0.00	10.78 0.39 0.00	15.00 0.53 0.00	20.56 0.76 0.00	24.11 0.93 0.00	23.87 0.98 0.00	21.81 0.87 0.00	23.28 0.83 0.00	23.72 0.77 0.00	19.20 0.52 0.00
FALCON__SEABRD_CC1 323796	16.54 0.14 0.00	17.15 0.13 0.00	17.66 0.12 0.00	14.32 0.13 0.00	17.86 0.20 0.00	16.67 0.16 0.00	18.54 0.14 0.00	17.38 -0.18 0.00	17.56 -0.05 0.00	15.61 -0.07 0.00	15.18 -0.10 0.00	13.21 -0.01 0.00	10.65 0.00 0.00	9.29 0.04 0.00	10.39 -0.10 0.00	10.21 -0.19 0.00	14.31 -0.15 0.00	19.68 -0.13 0.00	23.04 -0.14 0.00	22.51 -0.39 0.00	20.47 -0.47 0.00	22.06 -0.39 0.00	22.60 -0.34 0.00	18.23 -0.45 0.00
FALCON__SEABRD_CC2 323797	16.54 0.14 0.00	17.15 0.13 0.00	17.66 0.12 0.00	14.32 0.13 0.00	17.86 0.20 0.00	16.67 0.16 0.00	18.54 0.14 0.00	17.38 -0.18 0.00	17.56 -0.05 0.00	15.61 -0.07 0.00	15.18 -0.10 0.00	13.21 -0.01 0.00	10.65 0.00 0.00	9.29 0.04 0.00	10.39 -0.10 0.00	10.21 -0.19 0.00	14.31 -0.15 0.00	19.68 -0.13 0.00	23.04 -0.14 0.00	22.51 -0.39 0.00	20.47 -0.47 0.00	22.06 -0.39 0.00	22.60 -0.34 0.00	18.23 -0.45 0.00

FAR ROCKAWAY___4 23548	17.41 1.01 0.00	17.99 0.97 0.00	18.48 0.94 0.00	14.95 0.77 0.00	18.63 0.97 0.00	17.38 0.88 0.00	19.42 1.03 0.00	18.64 1.08 0.00	18.61 1.00 0.00	16.60 0.92 0.00	16.23 0.94 0.00	13.98 0.76 0.00	11.22 0.58 0.00	9.72 0.47 0.00	11.10 0.61 0.00	11.06 0.67 0.00	15.43 0.96 0.00	21.15 1.35 0.00	24.84 1.66 0.00	24.55 1.65 0.00	22.50 1.56 0.00	24.04 1.60 0.00	24.48 1.53 -0.01	19.80 1.12 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	17.11 0.71 0.00	17.68 0.67 0.00	18.17 0.64 0.00	14.73 0.54 0.00	18.35 0.70 0.00	17.11 0.61 0.00	19.15 0.75 0.00	18.40 0.84 0.00	18.41 0.80 0.00	16.42 0.74 0.00	16.03 0.75 0.00	13.85 0.63 0.00	11.14 0.49 0.00	9.65 0.40 0.00	11.01 0.52 0.00	10.95 0.55 0.00	15.22 0.75 0.00	20.85 1.05 0.00	24.49 1.31 0.00	24.29 1.39 0.00	22.21 1.27 0.00	23.64 1.20 0.00	24.09 1.15 0.00	19.48 0.79 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	17.12 0.72 0.00	17.69 0.68 0.00	18.19 0.66 0.00	14.74 0.55 0.00	18.36 0.71 0.00	17.12 0.62 0.00	19.16 0.77 0.00	18.40 0.84 0.00	18.41 0.81 0.00	16.43 0.75 0.00	16.04 0.76 0.00	13.85 0.64 0.00	11.14 0.50 0.00	9.65 0.40 0.00	11.02 0.52 0.00	10.95 0.56 0.00	15.23 0.76 0.00	20.87 1.07 0.00	24.51 1.33 0.00	24.30 1.40 0.00	22.22 1.28 0.00	23.66 1.21 0.00	24.10 1.16 0.00	19.49 0.81 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	17.10 0.70 0.00	17.67 0.66 0.00	18.17 0.64 0.00	14.73 0.54 0.00	18.35 0.69 0.00	17.11 0.60 0.00	19.14 0.75 0.00	18.39 0.83 0.00	18.40 0.80 0.00	16.42 0.74 0.00	16.02 0.74 0.00	13.84 0.63 0.00	11.13 0.49 0.00	9.64 0.39 0.00	11.01 0.52 0.00	10.94 0.55 0.00	15.21 0.74 0.00	20.85 1.05 0.00	24.48 1.30 0.00	24.27 1.37 0.00	22.20 1.26 0.00	23.63 1.19 0.00	24.08 1.13 0.00	19.47 0.79 0.00
FARRAGUT___LBMP 323566	17.10 0.70 0.00	17.66 0.65 0.00	18.16 0.63 0.00	14.72 0.53 0.00	18.34 0.68 0.00	17.10 0.59 0.00	19.13 0.74 0.00	18.38 0.82 0.00	18.39 0.78 0.00	16.41 0.73 0.00	16.02 0.74 0.00	13.83 0.62 0.00	11.13 0.48 0.00	9.64 0.39 0.00	11.00 0.51 0.00	10.94 0.54 0.00	15.20 0.73 0.00	20.84 1.03 0.00	24.46 1.28 0.00	24.26 1.36 0.00	22.19 1.25 0.00	23.62 1.17 0.00	24.07 1.13 0.00	19.46 0.78 0.00
FENNER___WINDPWR 24204	16.55 0.15 0.00	17.15 0.14 0.00	17.69 0.16 0.00	14.30 0.12 0.00	17.79 0.13 0.00	16.64 0.13 0.00	18.56 0.17 0.00	17.76 0.20 0.00	17.81 0.20 0.00	15.84 0.16 0.00	15.42 0.14 0.00	13.28 0.06 0.00	10.68 0.04 0.00	9.30 0.05 0.00	10.54 0.05 0.00	10.43 0.04 0.00	14.55 0.08 0.00	20.01 0.21 0.00	23.46 0.28 0.00	23.24 0.34 0.00	21.28 0.34 0.00	22.78 0.33 0.00	23.26 0.32 0.00	18.98 0.30 0.00
FIBERTEK___ENERGY 23856	16.37 -0.03 0.00	17.02 0.01 0.00	17.55 0.02 0.00	14.20 0.01 0.00	17.66 0.00 0.00	16.53 0.03 0.00	18.42 0.03 0.00	17.60 0.04 0.00	17.61 0.00 0.00	15.66 -0.02 0.00	15.22 -0.06 0.00	13.12 -0.09 0.00	10.60 -0.04 0.00	9.22 -0.03 0.00	10.45 -0.04 0.00	10.36 -0.04 0.00	14.46 -0.01 0.00	19.73 -0.07 0.00	23.07 -0.11 0.00	22.82 -0.08 0.00	20.90 -0.04 0.00	22.35 -0.09 0.00	22.87 -0.07 0.00	18.72 0.04 0.00
FITZPATRICK___ 23598	16.07 -0.32 0.00	16.70 -0.31 0.00	17.22 -0.31 0.00	13.93 -0.25 0.00	17.32 -0.33 0.00	16.21 -0.29 0.00	18.05 -0.34 0.00	17.24 -0.32 0.00	17.26 -0.34 0.00	15.35 -0.33 0.00	14.94 -0.34 0.00	12.90 -0.32 0.00	10.40 -0.24 0.00	9.05 -0.20 0.00	10.26 -0.23 0.00	10.16 -0.23 0.00	14.15 -0.33 0.00	19.28 -0.52 0.00	22.54 -0.64 0.00	22.27 -0.63 0.00	20.40 -0.54 0.00	21.85 -0.60 0.00	22.34 -0.60 0.00	18.29 -0.40 0.00
FLOWRFLD_69_KV_BK1 356044	17.34 0.94 0.00	17.91 0.90 0.00	18.39 0.85 0.00	14.88 0.70 0.00	18.53 0.87 0.00	17.27 0.77 0.00	19.30 0.91 0.00	18.51 0.95 0.00	18.43 0.83 0.00	16.38 0.70 0.00	16.04 0.76 0.00	13.80 0.59 0.00	11.06 0.42 0.00	9.58 0.33 0.00	10.94 0.45 0.00	10.94 0.55 0.00	15.27 0.80 0.00	20.96 1.15 0.00	24.65 1.47 0.00	24.27 1.37 0.00	22.25 1.31 0.00	23.84 1.39 0.00	24.24 1.30 0.00	19.64 0.95 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	17.05 0.65 0.00	17.64 0.63 0.00	18.17 0.63 0.00	14.72 0.53 0.00	18.33 0.68 0.00	17.12 0.62 0.00	19.15 0.76 0.00	18.35 0.79 0.00	18.38 0.77 0.00	16.41 0.73 0.00	15.99 0.71 0.00	13.83 0.61 0.00	11.11 0.47 0.00	9.62 0.37 0.00	10.96 0.47 0.00	10.90 0.50 0.00	15.19 0.72 0.00	20.83 1.03 0.00	24.43 1.25 0.00	24.19 1.29 0.00	22.11 1.17 0.00	23.59 1.14 0.00	24.02 1.08 0.00	19.44 0.76 0.00
FORT ORANGE___ 23900	16.82 0.42 0.00	17.42 0.41 0.00	17.97 0.44 0.00	14.55 0.37 0.00	18.14 0.48 0.00	16.94 0.44 0.00	18.88 0.48 0.00	18.04 0.48 0.00	18.12 0.51 0.00	16.16 0.48 0.00	15.73 0.45 0.00	13.62 0.40 0.00	10.94 0.30 0.00	9.50 0.25 0.00	10.79 0.30 0.00	10.69 0.29 0.00	14.87 0.40 0.00	20.41 0.61 0.00	23.89 0.71 0.00	23.68 0.78 0.00	21.58 0.64 0.00	23.10 0.65 0.00	23.56 0.61 0.00	19.12 0.44 0.00
FORT_DRUM_COGEN 23780	16.02 -0.38 0.00	16.35 -0.66 0.00	17.06 -0.48 0.00	13.57 -0.61 0.00	16.64 -1.02 0.00	15.61 -0.90 0.00	17.41 -0.98 0.00	16.73 -0.82 0.00	16.96 -0.65 0.00	14.78 -0.90 0.00	14.46 -0.82 0.00	12.28 -0.93 0.00	9.90 -0.75 0.00	8.55 -0.70 0.00	9.71 -0.79 0.00	9.53 -0.87 0.00	13.28 -1.19 0.00	18.43 -1.38 0.00	21.94 -1.24 0.00	22.08 -0.82 0.00	20.25 -0.69 0.00	21.88 -0.56 0.00	22.33 -0.62 0.00	18.25 -0.43 0.00
FOX_HILLS___ESR 323835	17.23 0.83 0.00	17.81 0.80 0.00	18.31 0.78 0.00	14.84 0.65 0.00	18.50 0.84 0.00	17.26 0.75 0.00	19.22 0.83 0.00	18.41 0.85 0.00	18.41 0.81 0.00	16.45 0.77 0.00	16.04 0.76 0.00	13.85 0.63 0.00	11.13 0.49 0.00	9.64 0.39 0.00	11.01 0.51 0.00	10.94 0.55 0.00	15.20 0.73 0.00	20.85 1.04 0.00	24.48 1.30 0.00	24.30 1.40 0.00	22.22 1.28 0.00	23.65 1.21 0.00	24.11 1.16 0.00	19.50 0.82 0.00
FPL_FAR_ROCK_GT1 24212	17.41 1.01 0.00	17.99 0.97 0.00	18.48 0.94 0.00	14.95 0.77 0.00	18.63 0.97 0.00	17.38 0.87 0.00	19.42 1.03 0.00	18.64 1.08 0.00	18.61 1.00 0.00	16.60 0.92 0.00	16.23 0.95 0.00	13.98 0.76 0.00	11.22 0.58 0.00	9.72 0.47 0.00	11.10 0.61 0.00	11.06 0.67 0.00	15.43 0.96 0.00	21.16 1.35 0.00	24.84 1.66 0.00	24.55 1.65 0.00	22.50 1.56 0.00	24.04 1.60 0.00	24.48 1.53 -0.01	19.80 1.12 0.00
FPL_FAR_ROCK_GT2 23815	17.41 1.01 0.00	17.99 0.97 0.00	18.48 0.94 0.00	14.95 0.77 0.00	18.63 0.97 0.00	17.38 0.87 0.00	19.42 1.03 0.00	18.64 1.08 0.00	18.61 1.00 0.00	16.60 0.92 0.00	16.23 0.95 0.00	13.98 0.76 0.00	11.22 0.58 0.00	9.72 0.47 0.00	11.10 0.61 0.00	11.06 0.67 0.00	15.43 0.96 0.00	21.16 1.35 0.00	24.84 1.66 0.00	24.55 1.65 0.00	22.50 1.56 0.00	24.04 1.60 0.00	24.48 1.53 -0.01	19.80 1.12 0.00

FRANKLIN_FALL_HYD 24054	16.66 0.26 0.00	17.22 0.21 0.00	17.66 0.13 0.00	14.23 0.04 0.00	17.64 -0.02 0.00	16.56 0.05 0.00	18.52 0.12 0.00	17.70 0.14 0.00	17.89 0.28 0.00	15.91 0.24 0.00	15.55 0.28 0.00	13.43 0.22 0.00	10.85 0.21 0.00	9.46 0.21 0.00	10.62 0.13 0.00	10.55 0.15 0.00	14.40 -0.07 0.00	19.62 -0.18 0.00	22.98 -0.20 0.00	22.55 -0.35 0.00	20.54 -0.40 0.00	22.11 -0.33 0.00	22.66 -0.29 0.00	18.28 -0.40 0.00
FREEPORT_EQUS_GT1 23764	17.27 0.87 0.00	17.85 0.84 0.00	18.33 0.79 0.00	14.84 0.66 0.00	18.48 0.82 0.00	17.24 0.73 0.00	19.27 0.87 0.00	18.48 0.92 0.00	18.45 0.85 0.00	16.44 0.76 0.00	16.08 0.80 0.00	13.86 0.65 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.97 0.57 0.00	15.29 0.82 0.00	20.97 1.17 0.00	24.64 1.46 0.00	24.35 1.45 0.00	22.32 1.38 0.00	23.85 1.40 0.00	24.27 1.33 0.00	19.64 0.96 0.00
FREEPORT___CT2 23818	17.27 0.87 0.00	17.85 0.84 0.00	18.33 0.79 0.00	14.84 0.66 0.00	18.48 0.82 0.00	17.24 0.73 0.00	19.27 0.87 0.00	18.48 0.92 0.00	18.45 0.85 0.00	16.44 0.76 0.00	16.08 0.80 0.00	13.86 0.65 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.97 0.57 0.00	15.29 0.82 0.00	20.97 1.17 0.00	24.64 1.46 0.00	24.35 1.45 0.00	22.32 1.38 0.00	23.85 1.40 0.00	24.27 1.33 0.00	19.64 0.96 0.00
FRESHKLS_33_KV_LOAD 356253	17.33 0.93 0.00	17.92 0.91 0.00	18.43 0.89 0.00	14.94 0.75 0.00	18.63 0.97 0.00	17.39 0.88 0.00	19.24 0.84 0.00	18.38 0.82 0.00	18.37 0.76 0.00	16.41 0.73 0.00	15.98 0.70 0.00	13.78 0.57 0.00	11.08 0.43 0.00	9.59 0.34 0.00	10.95 0.46 0.00	10.89 0.49 0.00	15.12 0.65 0.00	20.76 0.95 0.00	24.38 1.20 0.00	24.20 1.30 0.00	22.13 1.19 0.00	23.56 1.12 0.00	24.04 1.09 0.00	19.44 0.76 0.00
FULTON COGEN____ 23766	16.17 -0.23 0.00	16.80 -0.21 0.00	17.33 -0.21 0.00	14.01 -0.18 0.00	17.42 -0.23 0.00	16.30 -0.20 0.00	18.16 -0.23 0.00	17.36 -0.20 0.00	17.37 -0.23 0.00	15.44 -0.24 0.00	15.02 -0.26 0.00	12.95 -0.27 0.00	10.47 -0.18 0.00	9.08 -0.17 0.00	10.30 -0.19 0.00	10.21 -0.19 0.00	14.23 -0.24 0.00	19.41 -0.40 0.00	22.71 -0.47 0.00	22.47 -0.43 0.00	20.58 -0.35 0.00	22.03 -0.41 0.00	22.52 -0.42 0.00	18.43 -0.26 0.00
FULTON___LFGE 323630	17.76 1.36 0.00	18.38 1.37 0.00	18.90 1.37 0.00	15.28 1.09 0.00	19.08 1.42 0.00	17.87 1.36 0.00	19.92 1.52 0.00	19.05 1.49 0.00	19.19 1.58 0.00	16.92 1.24 0.00	16.32 1.04 0.00	14.29 1.08 0.00	11.30 0.66 0.00	9.86 0.62 0.00	11.10 0.61 0.00	10.94 0.54 0.00	15.46 0.99 0.00	21.23 1.43 0.00	25.36 2.18 0.00	25.28 2.38 0.00	23.11 2.17 0.00	24.74 2.29 0.00	25.20 2.26 0.00	20.45 1.77 0.00
G.F.CEMENT___DRP 24184	16.96 0.56 0.00	17.56 0.54 0.00	18.12 0.59 0.00	14.68 0.50 0.00	18.31 0.65 0.00	17.12 0.61 0.00	19.03 0.63 0.00	18.21 0.66 0.00	18.35 0.74 0.00	16.41 0.73 0.00	15.93 0.65 0.00	13.74 0.53 0.00	10.99 0.35 0.00	9.53 0.28 0.00	10.86 0.37 0.00	10.74 0.34 0.00	14.95 0.48 0.00	20.57 0.76 0.00	24.23 1.05 0.00	23.98 1.08 0.00	21.82 0.88 0.00	23.36 0.92 0.00	23.73 0.78 0.00	19.19 0.51 0.00
GARDENVILLE___LBMP 24039	15.58 -0.82 0.00	16.40 -0.61 0.00	16.93 -0.60 0.00	13.65 -0.54 0.00	16.87 -0.79 0.00	15.85 -0.65 0.00	17.53 -0.86 0.00	16.62 -0.94 0.00	16.48 -1.13 0.00	14.43 -1.25 0.00	13.92 -1.36 0.00	11.89 -1.33 0.00	9.69 -0.95 0.00	8.54 -0.71 0.00	9.68 -0.81 0.00	9.72 -0.68 0.00	13.63 -0.85 0.00	18.42 -1.39 0.00	21.43 -1.76 0.00	21.02 -1.88 0.00	19.43 -1.51 0.00	20.97 -1.47 0.00	21.72 -1.22 0.00	18.32 -0.36 0.00
GARDNVLA_35_KV_LD 355827	15.65 -0.75 0.00	16.47 -0.54 0.00	17.01 -0.53 0.00	13.71 -0.47 0.00	16.94 -0.71 0.00	15.92 -0.58 0.00	17.61 -0.79 0.00	16.69 -0.87 0.00	16.55 -1.06 0.00	14.49 -1.19 0.00	13.98 -1.30 0.00	11.94 -1.28 0.00	9.73 -0.91 0.00	8.58 -0.67 0.00	9.71 -0.78 0.00	9.76 -0.64 0.00	13.68 -0.79 0.00	18.51 -1.29 0.00	21.53 -1.65 0.00	21.12 -1.78 0.00	19.52 -1.42 0.00	21.07 -1.37 0.00	21.82 -1.13 0.00	18.40 -0.28 0.00
GELCKHM___115KV_LOAD 80723	16.27 -0.13 0.00	16.90 -0.11 0.00	17.44 -0.10 0.00	14.10 -0.09 0.00	17.54 -0.12 0.00	16.41 -0.09 0.00	18.29 -0.10 0.00	17.47 -0.09 0.00	17.49 -0.12 0.00	15.55 -0.13 0.00	15.12 -0.16 0.00	13.04 -0.17 0.00	10.53 -0.11 0.00	9.16 -0.09 0.00	10.39 -0.11 0.00	10.29 -0.10 0.00	14.35 -0.12 0.00	19.58 -0.23 0.00	22.89 -0.29 0.00	22.63 -0.27 0.00	20.73 -0.20 0.00	22.19 -0.26 0.00	22.69 -0.25 0.00	18.58 -0.11 0.00
GENERAL___MILLS 23808	15.63 -0.77 0.00	16.45 -0.56 0.00	16.99 -0.54 0.00	13.70 -0.49 0.00	16.92 -0.73 0.00	15.91 -0.60 0.00	17.59 -0.81 0.00	16.68 -0.88 0.00	16.53 -1.08 0.00	14.48 -1.20 0.00	13.96 -1.32 0.00	11.92 -1.29 0.00	9.72 -0.93 0.00	8.57 -0.68 0.00	9.70 -0.79 0.00	9.74 -0.65 0.00	13.67 -0.80 0.00	18.48 -1.33 0.00	21.50 -1.68 0.00	21.09 -1.81 0.00	19.49 -1.45 0.00	21.03 -1.41 0.00	21.79 -1.15 0.00	18.38 -0.30 0.00
GE_PLASTICS___DRP 24183	16.71 0.30 0.00	17.30 0.29 0.00	17.86 0.32 0.00	14.46 0.28 0.00	18.03 0.37 0.00	16.83 0.32 0.00	18.76 0.36 0.00	17.92 0.36 0.00	17.98 0.37 0.00	16.05 0.37 0.00	15.63 0.35 0.00	13.54 0.32 0.00	10.88 0.24 0.00	9.43 0.18 0.00	10.73 0.23 0.00	10.63 0.24 0.00	14.79 0.32 0.00	20.27 0.46 0.00	23.73 0.54 0.00	23.48 0.58 0.00	21.42 0.48 0.00	22.93 0.48 0.00	23.39 0.45 0.00	19.00 0.31 0.00
GILBOA___1 23756	16.70 0.30 0.00	17.29 0.28 0.00	17.83 0.30 0.00	14.44 0.26 0.00	18.00 0.35 0.00	16.80 0.29 0.00	18.76 0.36 0.00	17.94 0.38 0.00	17.98 0.38 0.00	16.08 0.40 0.00	15.66 0.39 0.00	13.55 0.33 0.00	10.89 0.25 0.00	9.43 0.18 0.00	10.74 0.25 0.00	10.66 0.26 0.00	14.82 0.35 0.00	20.31 0.51 0.00	23.72 0.54 0.00	23.38 0.48 0.00	21.36 0.42 0.00	22.85 0.40 0.00	23.32 0.38 0.00	18.94 0.25 0.00
GILBOA___2 23757	16.70 0.30 0.00	17.29 0.28 0.00	17.83 0.30 0.00	14.44 0.26 0.00	18.00 0.35 0.00	16.80 0.29 0.00	18.76 0.36 0.00	17.94 0.38 0.00	17.98 0.38 0.00	16.08 0.40 0.00	15.66 0.39 0.00	13.55 0.33 0.00	10.89 0.25 0.00	9.43 0.18 0.00	10.74 0.25 0.00	10.66 0.26 0.00	14.82 0.35 0.00	20.31 0.51 0.00	23.72 0.54 0.00	23.38 0.48 0.00	21.36 0.42 0.00	22.85 0.40 0.00	23.32 0.38 0.00	18.94 0.25 0.00
GILBOA___3 23758	16.57 0.17 0.00	17.17 0.16 0.00	17.72 0.18 0.00	14.35 0.16 0.00	17.96 0.30 0.00	16.70 0.19 0.00	18.62 0.22 0.00	17.80 0.23 0.00	17.83 0.22 0.00	15.91 0.23 0.00	15.49 0.21 0.00	13.43 0.21 0.00	10.83 0.19 0.00	9.40 0.15 0.00	10.68 0.19 0.00	10.59 0.20 0.00	14.67 0.20 0.00	20.10 0.30 0.00	23.57 0.39 0.00	23.38 0.48 0.00	21.36 0.42 0.00	22.85 0.40 0.00	23.32 0.38 0.00	18.94 0.25 0.00

GILBOA___4 23759	16.57 0.17 0.00	17.17 0.16 0.00	17.72 0.18 0.00	14.35 0.16 0.00	17.96 0.30 0.00	16.70 0.19 0.00	18.62 0.22 0.00	17.80 0.23 0.00	17.83 0.22 0.00	15.91 0.23 0.00	15.49 0.21 0.00	13.43 0.21 0.00	10.83 0.19 0.00	9.40 0.15 0.00	10.68 0.19 0.00	10.59 0.20 0.00	14.67 0.20 0.00	20.10 0.30 0.00	23.57 0.39 0.00	23.38 0.48 0.00	21.36 0.42 0.00	22.85 0.40 0.00	23.32 0.38 0.00	18.94 0.25 0.00
GILBOA____ 23599	16.57 0.17 0.00	17.17 0.16 0.00	17.72 0.18 0.00	14.35 0.16 0.00	17.96 0.30 0.00	16.70 0.19 0.00	18.62 0.22 0.00	17.80 0.23 0.00	17.83 0.22 0.00	15.91 0.23 0.00	15.49 0.21 0.00	13.43 0.21 0.00	10.83 0.19 0.00	9.40 0.15 0.00	10.68 0.19 0.00	10.59 0.20 0.00	14.67 0.20 0.00	20.10 0.30 0.00	23.57 0.39 0.00	23.38 0.48 0.00	21.36 0.42 0.00	22.85 0.40 0.00	23.32 0.38 0.00	18.94 0.25 0.00
GINNA____ 23603	15.22 -1.18 0.00	15.89 -1.13 0.00	16.39 -1.14 0.00	13.23 -0.95 0.00	16.41 -1.24 0.00	15.41 -1.10 0.00	17.13 -1.27 0.00	16.31 -1.25 0.00	16.28 -1.33 0.00	14.35 -1.33 0.00	13.93 -1.35 0.00	12.00 -1.22 0.00	9.73 -0.91 0.00	8.51 -0.74 0.00	9.64 -0.85 0.00	9.55 -0.85 0.00	13.43 -1.04 0.00	18.29 -1.52 0.00	21.36 -1.82 0.00	21.06 -1.83 0.00	19.32 -1.62 0.00	20.70 -1.75 0.00	21.24 -1.70 0.00	17.58 -1.10 0.00
GLEN PARK____ 23778	16.04 -0.36 0.00	16.39 -0.62 0.00	17.08 -0.45 0.00	13.60 -0.58 0.00	16.67 -0.98 0.00	15.65 -0.86 0.00	17.46 -0.93 0.00	16.78 -0.78 0.00	16.99 -0.62 0.00	14.78 -0.90 0.00	14.46 -0.82 0.00	12.25 -0.96 0.00	9.89 -0.75 0.00	8.54 -0.70 0.00	9.70 -0.79 0.00	9.51 -0.89 0.00	13.26 -1.21 0.00	18.43 -1.37 0.00	21.97 -1.21 0.00	22.15 -0.75 0.00	20.32 -0.62 0.00	21.95 -0.50 0.00	22.37 -0.57 0.00	18.28 -0.40 0.00
GLENDALE_27_KV_LOAD 356172	17.19 0.79 0.00	17.77 0.76 0.00	18.27 0.73 0.00	14.80 0.61 0.00	18.45 0.79 0.00	17.20 0.70 0.00	19.24 0.85 0.00	18.47 0.91 0.00	18.48 0.88 0.00	16.50 0.82 0.00	16.12 0.84 0.00	13.91 0.70 0.00	11.19 0.55 0.00	9.70 0.45 0.00	11.07 0.57 0.00	11.00 0.61 0.00	15.29 0.82 0.00	20.95 1.15 0.00	24.60 1.42 0.00	24.40 1.51 0.00	22.32 1.38 0.00	23.75 1.31 0.00	24.20 1.26 0.00	19.58 0.90 0.00
GLENWOOD_IC_1_G5 23712	17.27 0.88 0.00	17.85 0.84 0.00	18.34 0.81 0.00	14.85 0.67 0.00	18.49 0.84 0.00	17.25 0.75 0.00	19.29 0.89 0.00	18.50 0.94 0.00	18.48 0.87 0.00	16.47 0.79 0.00	16.11 0.83 0.00	13.89 0.67 0.00	11.15 0.51 0.00	9.66 0.41 0.00	11.02 0.53 0.00	10.99 0.59 0.00	15.32 0.85 0.00	21.01 1.21 0.00	24.67 1.49 0.00	24.37 1.47 0.00	22.33 1.39 0.00	23.86 1.42 0.00	24.29 1.34 0.00	19.65 0.97 0.00
GLENWOOD_IC_2_G1 23688	17.24 0.84 0.00	17.82 0.81 0.00	18.31 0.77 0.00	14.82 0.64 0.00	18.46 0.81 0.00	17.22 0.72 0.00	19.25 0.86 0.00	18.47 0.91 0.00	18.44 0.84 0.00	16.44 0.76 0.00	16.07 0.80 0.00	13.86 0.65 0.00	11.13 0.49 0.00	9.64 0.39 0.00	11.01 0.51 0.00	10.97 0.57 0.00	15.29 0.82 0.00	20.96 1.15 0.00	24.61 1.43 0.00	24.32 1.42 0.00	22.27 1.33 0.00	23.80 1.35 0.00	24.23 1.29 0.00	19.61 0.93 0.00
GLENWOOD_IC_3_G1 23689	17.24 0.84 0.00	17.82 0.81 0.00	18.31 0.77 0.00	14.82 0.64 0.00	18.46 0.81 0.00	17.22 0.72 0.00	19.25 0.86 0.00	18.47 0.91 0.00	18.44 0.84 0.00	16.44 0.76 0.00	16.07 0.80 0.00	13.86 0.65 0.00	11.13 0.49 0.00	9.64 0.39 0.00	11.01 0.51 0.00	10.97 0.57 0.00	15.29 0.82 0.00	20.96 1.15 0.00	24.61 1.43 0.00	24.32 1.42 0.00	22.27 1.33 0.00	23.80 1.35 0.00	24.23 1.29 0.00	19.61 0.93 0.00
GLENWOOD___4 23550	17.27 0.88 0.00	17.85 0.84 0.00	18.34 0.81 0.00	14.85 0.67 0.00	18.49 0.84 0.00	17.25 0.75 0.00	19.29 0.89 0.00	18.50 0.94 0.00	18.48 0.87 0.00	16.47 0.79 0.00	16.11 0.83 0.00	13.89 0.67 0.00	11.15 0.51 0.00	9.66 0.41 0.00	11.02 0.53 0.00	10.99 0.59 0.00	15.32 0.85 0.00	21.01 1.21 0.00	24.67 1.49 0.00	24.37 1.47 0.00	22.33 1.39 0.00	23.86 1.42 0.00	24.29 1.34 0.00	19.65 0.97 0.00
GLENWOOD___5 23614	17.27 0.88 0.00	17.85 0.84 0.00	18.34 0.81 0.00	14.85 0.67 0.00	18.49 0.84 0.00	17.25 0.75 0.00	19.29 0.89 0.00	18.50 0.94 0.00	18.48 0.87 0.00	16.47 0.79 0.00	16.11 0.83 0.00	13.89 0.67 0.00	11.15 0.51 0.00	9.66 0.41 0.00	11.02 0.53 0.00	10.99 0.59 0.00	15.32 0.85 0.00	21.01 1.21 0.00	24.67 1.49 0.00	24.37 1.47 0.00	22.33 1.39 0.00	23.86 1.42 0.00	24.29 1.34 0.00	19.65 0.97 0.00
GLOBAL GREEN_PORT_GT1 23814	17.35 0.95 0.00	17.92 0.91 0.00	18.39 0.85 0.00	14.89 0.71 0.00	18.54 0.88 0.00	17.29 0.78 0.00	19.34 0.94 0.00	18.54 0.98 0.00	18.42 0.82 0.00	16.30 0.62 0.00	15.91 0.63 0.00	13.73 0.52 0.00	11.03 0.39 0.00	9.51 0.26 0.00	10.88 0.39 0.00	10.91 0.51 0.00	15.24 0.78 0.00	20.84 1.04 0.00	24.58 1.40 0.00	24.35 1.46 0.00	22.36 1.41 0.00	24.12 1.67 0.00	24.51 1.56 0.00	19.96 1.27 0.00
GLOBE___DSASP 323697	15.11 -1.29 0.00	15.92 -1.09 0.00	16.44 -1.10 0.00	13.24 -0.94 0.00	16.34 -1.31 0.00	15.40 -1.11 0.00	16.96 -1.43 0.00	16.00 -1.56 0.00	15.91 -1.70 0.00	13.91 -1.77 0.00	13.46 -1.82 0.00	11.52 -1.69 0.00	9.39 -1.25 0.00	8.27 -0.97 0.00	9.34 -1.15 0.00	9.38 -1.02 0.00	13.17 -1.30 0.00	17.79 -2.02 0.00	20.66 -2.52 0.00	20.22 -2.68 0.00	18.66 -2.28 0.00	20.12 -2.33 0.00	20.86 -2.08 0.00	17.74 -0.94 0.00
GOETHSLN___LBMP 323567	16.98 0.58 0.00	17.55 0.54 0.00	18.04 0.50 0.00	14.62 0.44 0.00	18.22 0.56 0.00	17.00 0.49 0.00	19.03 0.64 0.00	18.29 0.73 0.00	18.29 0.68 0.00	16.33 0.65 0.00	15.93 0.65 0.00	13.76 0.55 0.00	11.06 0.42 0.00	9.58 0.33 0.00	10.94 0.45 0.00	10.87 0.48 0.00	15.11 0.65 0.00	20.72 0.91 0.00	24.33 1.14 0.00	24.13 1.23 0.00	22.06 1.12 0.00	23.48 1.04 0.00	23.94 0.99 0.00	19.35 0.67 0.00
GOLAH___69_KV_TB 1_2 80279	15.92 -0.48 0.00	16.67 -0.34 0.00	17.20 -0.34 0.00	13.88 -0.31 0.00	17.19 -0.46 0.00	16.16 -0.35 0.00	17.92 -0.47 0.00	17.04 -0.52 0.00	16.97 -0.63 0.00	14.90 -0.78 0.00	14.42 -0.86 0.00	12.40 -0.81 0.00	10.09 -0.55 0.00	8.84 -0.41 0.00	10.01 -0.48 0.00	9.98 -0.41 0.00	14.00 -0.47 0.00	19.04 -0.77 0.00	22.23 -0.95 0.00	21.90 -0.99 0.00	20.14 -0.81 0.00	21.61 -0.83 0.00	22.24 -0.70 0.00	18.55 -0.14 0.00
GOODYEAR_LAKE_HYD 323669	16.82 0.42 0.00	17.39 0.38 0.00	17.93 0.39 0.00	14.52 0.34 0.00	18.14 0.48 0.00	16.98 0.48 0.00	18.91 0.51 0.00	18.08 0.52 0.00	18.11 0.50 0.00	16.10 0.42 0.00	15.67 0.39 0.00	13.56 0.35 0.00	10.94 0.30 0.00	9.50 0.25 0.00	10.77 0.28 0.00	10.71 0.31 0.00	14.94 0.47 0.00	20.49 0.69 0.00	23.99 0.81 0.00	23.77 0.87 0.00	21.77 0.83 0.00	23.32 0.87 0.00	23.81 0.86 0.00	19.40 0.72 0.00

GOUDEY___1 345031	16.28 -0.12 0.00	16.93 -0.08 0.00	17.49 -0.05 0.00	14.14 -0.05 0.00	17.61 -0.05 0.00	16.48 -0.02 0.00	18.35 -0.04 0.00	17.56 0.00 0.00	17.51 -0.09 0.00	15.56 -0.12 0.00	15.11 -0.17 0.00	13.02 -0.19 0.00	10.54 -0.11 0.00	9.17 -0.08 0.00	10.42 -0.07 0.00	10.34 -0.06 0.00	14.46 -0.01 0.00	19.78 -0.02 0.00	23.11 -0.08 0.00	22.83 -0.07 0.00	20.96 0.02 0.00	22.47 0.03 0.00	23.00 0.06 0.00	18.81 0.12 0.00
GOUDEY___7 23579	16.28 -0.12 0.00	16.95 -0.07 0.00	17.50 -0.04 0.00	14.15 -0.04 0.00	17.63 -0.03 0.00	16.49 -0.01 0.00	18.37 -0.03 0.00	17.58 0.02 0.00	17.52 -0.09 0.00	15.57 -0.11 0.00	15.12 -0.16 0.00	13.03 -0.18 0.00	10.55 -0.10 0.00	9.18 -0.07 0.00	10.43 -0.06 0.00	10.35 -0.05 0.00	14.47 0.01 0.00	19.80 -0.01 0.00	23.12 -0.06 0.00	22.85 -0.05 0.00	20.98 0.04 0.00	22.49 0.05 0.00	23.03 0.08 0.00	18.82 0.14 0.00
GOUDEY___8 23580	16.28 -0.12 0.00	16.93 -0.08 0.00	17.49 -0.05 0.00	14.14 -0.05 0.00	17.61 -0.05 0.00	16.48 -0.02 0.00	18.35 -0.04 0.00	17.56 0.00 0.00	17.51 -0.09 0.00	15.56 -0.12 0.00	15.11 -0.17 0.00	13.02 -0.19 0.00	10.54 -0.11 0.00	9.17 -0.08 0.00	10.42 -0.07 0.00	10.34 -0.06 0.00	14.46 -0.01 0.00	19.78 -0.02 0.00	23.11 -0.08 0.00	22.83 -0.07 0.00	20.96 0.02 0.00	22.47 0.03 0.00	23.00 0.06 0.00	18.81 0.12 0.00
GOWANUS_GT1_1 24077	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.72 0.00	14.79 0.61 0.00	18.44 0.78 0.00	17.20 0.69 0.00	19.22 0.83 0.00	18.44 0.88 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.08 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.25 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.85 0.00
GOWANUS_GT1_2 24078	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.72 0.00	14.79 0.61 0.00	18.44 0.78 0.00	17.20 0.69 0.00	19.22 0.83 0.00	18.44 0.88 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.08 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.25 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.85 0.00
GOWANUS_GT1_3 24079	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.72 0.00	14.79 0.61 0.00	18.44 0.78 0.00	17.20 0.69 0.00	19.22 0.83 0.00	18.44 0.88 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.08 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.25 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.85 0.00
GOWANUS_GT1_4 24080	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.72 0.00	14.79 0.61 0.00	18.44 0.78 0.00	17.20 0.69 0.00	19.22 0.83 0.00	18.44 0.88 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.08 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.25 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.85 0.00
GOWANUS_GT1_5 24084	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.72 0.00	14.79 0.61 0.00	18.44 0.78 0.00	17.20 0.69 0.00	19.22 0.83 0.00	18.44 0.88 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.08 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.25 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.85 0.00
GOWANUS_GT1_6 24111	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.72 0.00	14.79 0.61 0.00	18.44 0.78 0.00	17.20 0.69 0.00	19.22 0.83 0.00	18.44 0.88 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.08 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.25 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.85 0.00
GOWANUS_GT1_7 24112	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.72 0.00	14.79 0.61 0.00	18.44 0.78 0.00	17.20 0.69 0.00	19.22 0.83 0.00	18.44 0.88 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.08 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.25 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.85 0.00
GOWANUS_GT1_8 24113	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.72 0.00	14.79 0.61 0.00	18.44 0.78 0.00	17.20 0.69 0.00	19.22 0.83 0.00	18.44 0.88 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.08 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.25 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.85 0.00
GOWANUS_GT2_1 24114	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
GOWANUS_GT2_2 24115	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
GOWANUS_GT2_3 24116	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
GOWANUS_GT2_4 24117	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00

GOWANUS_GT2_5 24118	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
GOWANUS_GT2_6 24119	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
GOWANUS_GT2_7 24120	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
GOWANUS_GT2_8 24121	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
GOWANUS_GT3_1 24122	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
GOWANUS_GT3_2 24123	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
GOWANUS_GT3_3 24124	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
GOWANUS_GT3_4 24125	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
GOWANUS_GT3_5 24126	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
GOWANUS_GT3_6 24127	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
GOWANUS_GT3_7 24128	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
GOWANUS_GT3_8 24129	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
GOWANUS_GT4_1 24130	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.72 0.00	14.79 0.61 0.00	18.44 0.78 0.00	17.20 0.69 0.00	19.22 0.83 0.00	18.44 0.88 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.08 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.25 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.85 0.00
GOWANUS_GT4_2 24131	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.72 0.00	14.79 0.61 0.00	18.44 0.78 0.00	17.20 0.69 0.00	19.22 0.83 0.00	18.44 0.88 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.08 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.25 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.85 0.00
GOWANUS_GT4_3 24132	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.72 0.00	14.79 0.61 0.00	18.44 0.78 0.00	17.20 0.69 0.00	19.22 0.83 0.00	18.44 0.88 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.08 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.25 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.85 0.00

GOWANUS_GT4_4 24133	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.72 0.00	14.79 0.61 0.00	18.44 0.78 0.00	17.20 0.69 0.00	19.22 0.83 0.00	18.44 0.88 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.08 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.25 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.85 0.00
GOWANUS_GT4_5 24134	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.72 0.00	14.79 0.61 0.00	18.44 0.78 0.00	17.20 0.69 0.00	19.22 0.83 0.00	18.44 0.88 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.08 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.25 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.85 0.00
GOWANUS_GT4_6 24135	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.72 0.00	14.79 0.61 0.00	18.44 0.78 0.00	17.20 0.69 0.00	19.22 0.83 0.00	18.44 0.88 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.08 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.25 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.85 0.00
GOWANUS_GT4_7 24136	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.72 0.00	14.79 0.61 0.00	18.44 0.78 0.00	17.20 0.69 0.00	19.22 0.83 0.00	18.44 0.88 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.08 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.25 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.85 0.00
GOWANUS_GT4_8 24137	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.72 0.00	14.79 0.61 0.00	18.44 0.78 0.00	17.20 0.69 0.00	19.22 0.83 0.00	18.44 0.88 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.08 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.25 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.85 0.00
GREENBSH_115KV_TB3 55895	16.74 0.34 0.00	17.34 0.33 0.00	17.90 0.36 0.00	14.49 0.31 0.00	18.07 0.41 0.00	16.86 0.36 0.00	18.80 0.40 0.00	17.95 0.40 0.00	18.03 0.42 0.00	16.11 0.43 0.00	15.69 0.41 0.00	13.59 0.37 0.00	10.91 0.27 0.00	9.46 0.21 0.00	10.76 0.26 0.00	10.66 0.27 0.00	14.82 0.35 0.00	20.32 0.51 0.00	23.79 0.61 0.00	23.54 0.64 0.00	21.46 0.52 0.00	22.97 0.52 0.00	23.44 0.49 0.00	19.03 0.34 0.00
GREENDGE_115KV_TB5 80291	16.18 -0.22 0.00	17.02 0.01 0.00	17.61 0.08 0.00	14.22 0.04 0.00	17.70 0.05 0.00	16.53 0.02 0.00	18.41 0.01 0.00	17.58 0.02 0.00	17.49 -0.12 0.00	15.52 -0.16 0.00	14.92 -0.36 0.00	12.76 -0.45 0.00	10.37 -0.27 0.00	9.06 -0.18 0.00	10.31 -0.18 0.00	10.25 -0.15 0.00	14.51 0.04 0.00	19.88 0.08 0.00	23.31 0.13 0.00	23.05 0.15 0.00	21.28 0.34 0.00	22.77 0.32 0.00	23.28 0.34 0.00	19.06 0.38 0.00
GREENIDGE___3 23582	16.18 -0.22 0.00	17.02 0.01 0.00	17.61 0.08 0.00	14.22 0.04 0.00	17.70 0.05 0.00	16.53 0.02 0.00	18.41 0.01 0.00	17.58 0.02 0.00	17.49 -0.12 0.00	15.52 -0.16 0.00	14.92 -0.36 0.00	12.76 -0.45 0.00	10.37 -0.27 0.00	9.06 -0.18 0.00	10.31 -0.18 0.00	10.25 -0.15 0.00	14.51 0.04 0.00	19.88 0.08 0.00	23.31 0.13 0.00	23.05 0.15 0.00	21.28 0.34 0.00	22.77 0.32 0.00	23.28 0.34 0.00	19.06 0.38 0.00
GREENIDGE___4 23583	16.18 -0.22 0.00	17.02 0.01 0.00	17.61 0.08 0.00	14.22 0.04 0.00	17.70 0.05 0.00	16.53 0.02 0.00	18.41 0.01 0.00	17.59 0.03 0.00	17.49 -0.12 0.00	15.52 -0.16 0.00	14.92 -0.35 0.00	12.76 -0.45 0.00	10.37 -0.27 0.00	9.06 -0.18 0.00	10.31 -0.18 0.00	10.25 -0.14 0.00	14.51 0.04 0.00	19.88 0.08 0.00	23.31 0.12 0.00	23.04 0.14 0.00	21.28 0.34 0.00	22.77 0.33 0.00	23.28 0.33 0.00	19.06 0.38 0.00
GREENLWN_69_KV_BK 3 55738	17.18 0.78 0.00	17.75 0.74 0.00	18.24 0.70 0.00	14.76 0.58 0.00	18.39 0.73 0.00	17.14 0.63 0.00	19.14 0.74 0.00	18.35 0.79 0.00	18.31 0.70 0.00	16.31 0.63 0.00	15.97 0.69 0.00	13.77 0.56 0.00	11.05 0.40 0.00	9.56 0.31 0.00	10.92 0.43 0.00	10.89 0.50 0.00	15.20 0.73 0.00	20.82 1.02 0.00	24.46 1.27 0.00	24.13 1.23 0.00	22.11 1.17 0.00	23.64 1.20 0.00	24.07 1.13 0.00	19.49 0.81 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.72 0.00	14.79 0.61 0.00	18.44 0.78 0.00	17.20 0.69 0.00	19.22 0.83 0.00	18.44 0.88 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.08 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.25 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.85 0.00
GRISSOM___SOLAR 323813	17.76 1.36 0.00	18.38 1.37 0.00	18.90 1.37 0.00	15.28 1.09 0.00	19.08 1.42 0.00	17.87 1.36 0.00	19.92 1.52 0.00	19.05 1.49 0.00	19.19 1.58 0.00	16.92 1.24 0.00	16.32 1.04 0.00	14.29 1.08 0.00	11.30 0.66 0.00	9.86 0.62 0.00	11.10 0.61 0.00	10.94 0.54 0.00	15.46 0.99 0.00	21.23 1.43 0.00	25.36 2.18 0.00	25.28 2.38 0.00	23.11 2.17 0.00	24.74 2.29 0.00	25.20 2.26 0.00	20.45 1.77 0.00
GROVEVILLE___HYD 323602	17.05 0.65 0.00	17.64 0.63 0.00	18.17 0.63 0.00	14.72 0.53 0.00	18.33 0.68 0.00	17.12 0.62 0.00	19.15 0.76 0.00	18.35 0.79 0.00	18.38 0.77 0.00	16.41 0.73 0.00	15.99 0.71 0.00	13.83 0.61 0.00	11.11 0.47 0.00	9.62 0.37 0.00	10.96 0.47 0.00	10.90 0.50 0.00	15.19 0.72 0.00	20.83 1.03 0.00	24.43 1.25 0.00	24.19 1.29 0.00	22.11 1.17 0.00	23.59 1.14 0.00	24.02 1.08 0.00	19.44 0.76 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	16.37 -0.03 0.00	17.02 0.01 0.00	17.55 0.02 0.00	14.20 0.01 0.00	17.66 0.00 0.00	16.53 0.03 0.00	18.42 0.03 0.00	17.60 0.04 0.00	17.61 0.00 0.00	15.66 -0.02 0.00	15.22 -0.06 0.00	13.12 -0.09 0.00	10.60 -0.04 0.00	9.22 -0.03 0.00	10.45 -0.04 0.00	10.36 -0.04 0.00	14.46 -0.01 0.00	19.73 -0.07 0.00	23.07 -0.11 0.00	22.82 -0.08 0.00	20.90 -0.04 0.00	22.35 -0.09 0.00	22.87 -0.07 0.00	18.72 0.04 0.00
HAMLTNNY_34_KV_TB 80303	16.36 -0.04 0.00	17.03 0.02 0.00	17.57 0.04 0.00	14.21 0.03 0.00	17.68 0.02 0.00	16.55 0.04 0.00	18.45 0.06 0.00	17.61 0.05 0.00	17.63 0.03 0.00	15.66 -0.02 0.00	15.22 -0.06 0.00	13.10 -0.12 0.00	10.59 -0.05 0.00	9.22 -0.03 0.00	10.45 -0.04 0.00	10.35 -0.04 0.00	14.48 0.01 0.00	19.76 -0.04 0.00	23.11 -0.07 0.00	22.85 -0.04 0.00	20.94 0.00 0.00	22.39 -0.05 0.00	22.90 -0.04 0.00	18.76 0.08 0.00

HAMPSHIRE___PAPER_HYD 323593	15.84 -0.56 0.00	16.29 -0.72 0.00	16.86 -0.68 0.00	13.51 -0.68 0.00	16.66 -1.00 0.00	15.61 -0.89 0.00	17.42 -0.97 0.00	16.67 -0.88 0.00	16.87 -0.74 0.00	14.85 -0.83 0.00	14.51 -0.77 0.00	12.49 -0.72 0.00	10.05 -0.60 0.00	8.72 -0.53 0.00	9.85 -0.64 0.00	9.72 -0.67 0.00	13.51 -0.96 0.00	18.65 -1.15 0.00	22.02 -1.16 0.00	21.92 -0.98 0.00	20.06 -0.88 0.00	21.65 -0.79 0.00	22.12 -0.82 0.00	17.99 -0.69 0.00
HARDSCRABBLE_WT_PWR 323673	16.11 -0.29 0.00	16.60 -0.41 0.00	17.00 -0.53 0.00	13.81 -0.37 0.00	17.49 -0.16 0.00	16.31 -0.19 0.00	18.14 -0.25 0.00	17.33 -0.23 0.00	17.33 -0.28 0.00	15.53 -0.15 0.00	15.11 -0.17 0.00	13.07 -0.14 0.00	10.44 -0.20 0.00	9.01 -0.24 0.00	10.30 -0.19 0.00	10.15 -0.24 0.00	14.14 -0.33 0.00	19.50 -0.30 0.00	22.94 -0.25 0.00	22.89 -0.01 0.00	20.72 -0.22 0.00	22.34 -0.11 0.00	22.77 -0.17 0.00	18.43 -0.25 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	16.97 0.57 0.00	17.55 0.54 0.00	18.06 0.52 0.00	14.63 0.44 0.00	18.23 0.58 0.00	17.03 0.53 0.00	19.06 0.67 0.00	18.26 0.70 0.00	18.27 0.67 0.00	16.31 0.63 0.00	15.89 0.61 0.00	13.74 0.52 0.00	11.04 0.39 0.00	9.57 0.32 0.00	10.90 0.41 0.00	10.84 0.45 0.00	15.09 0.62 0.00	20.72 0.92 0.00	24.30 1.12 0.00	24.06 1.16 0.00	22.00 1.06 0.00	23.47 1.02 0.00	23.92 0.98 0.00	19.37 0.69 0.00
HARSNRAD_115KV_TB1 81005	15.36 -1.04 0.00	16.17 -0.84 0.00	16.69 -0.84 0.00	13.45 -0.74 0.00	16.61 -1.05 0.00	15.64 -0.87 0.00	17.25 -1.15 0.00	16.30 -1.26 0.00	16.18 -1.42 0.00	14.14 -1.54 0.00	13.66 -1.61 0.00	11.68 -1.53 0.00	9.53 -1.11 0.00	8.39 -0.85 0.00	9.49 -1.00 0.00	9.57 -0.82 0.00	13.38 -1.09 0.00	18.10 -1.70 0.00	21.04 -2.14 0.00	20.63 -2.26 0.00	19.05 -1.89 0.00	20.53 -1.92 0.00	21.27 -1.68 0.00	18.04 -0.64 0.00
HARZA MOOSE___RIVER 24016	16.34 -0.06 0.00	16.81 -0.20 0.00	17.41 -0.12 0.00	13.96 -0.22 0.00	17.23 -0.43 0.00	16.15 -0.36 0.00	18.01 -0.38 0.00	17.28 -0.28 0.00	17.46 -0.14 0.00	15.40 -0.28 0.00	15.01 -0.27 0.00	12.91 -0.30 0.00	10.36 -0.29 0.00	8.98 -0.26 0.00	10.16 -0.33 0.00	10.04 -0.35 0.00	13.98 -0.49 0.00	19.31 -0.50 0.00	22.79 -0.39 0.00	22.74 -0.16 0.00	20.84 -0.10 0.00	22.44 0.00 0.00	22.90 -0.05 0.00	18.68 -0.01 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	16.27 -0.13 0.00	16.90 -0.11 0.00	17.44 -0.10 0.00	14.10 -0.09 0.00	17.54 -0.12 0.00	16.42 -0.09 0.00	18.29 -0.10 0.00	17.48 -0.09 0.00	17.49 -0.12 0.00	15.55 -0.13 0.00	15.12 -0.16 0.00	13.04 -0.17 0.00	10.53 -0.11 0.00	9.16 -0.09 0.00	10.39 -0.10 0.00	10.30 -0.09 0.00	14.35 -0.12 0.00	19.58 -0.22 0.00	22.89 -0.29 0.00	22.64 -0.26 0.00	20.74 -0.20 0.00	22.20 -0.25 0.00	22.70 -0.24 0.00	18.59 -0.10 0.00
HELLGATE_13_KV_LD 55870	17.14 0.74 0.00	17.71 0.70 0.00	18.22 0.68 0.00	14.76 0.58 0.00	18.39 0.74 0.00	17.15 0.65 0.00	19.19 0.80 0.00	18.42 0.86 0.00	18.42 0.82 0.00	16.46 0.77 0.00	16.07 0.79 0.00	13.87 0.66 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.77 0.00	20.88 1.08 0.00	24.52 1.34 0.00	24.32 1.42 0.00	22.24 1.30 0.00	23.67 1.23 0.00	24.13 1.18 0.00	19.52 0.84 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	17.14 0.74 0.00	17.71 0.70 0.00	18.22 0.68 0.00	14.76 0.58 0.00	18.39 0.74 0.00	17.15 0.65 0.00	19.19 0.80 0.00	18.42 0.86 0.00	18.42 0.82 0.00	16.46 0.77 0.00	16.07 0.79 0.00	13.87 0.66 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.77 0.00	20.88 1.08 0.00	24.52 1.34 0.00	24.32 1.42 0.00	22.24 1.30 0.00	23.67 1.23 0.00	24.13 1.18 0.00	19.52 0.84 0.00
HEMPSTEAD____ 23647	17.18 0.78 0.00	17.75 0.74 0.00	18.24 0.70 0.00	14.77 0.58 0.00	18.39 0.73 0.00	17.15 0.65 0.00	19.17 0.78 0.00	18.39 0.83 0.00	18.36 0.76 0.00	16.37 0.69 0.00	16.01 0.73 0.00	13.80 0.59 0.00	11.08 0.43 0.00	9.60 0.35 0.00	10.95 0.46 0.00	10.92 0.52 0.00	15.23 0.76 0.00	20.88 1.07 0.00	24.51 1.34 0.00	24.22 1.32 0.00	22.19 1.26 0.00	23.72 1.27 0.00	24.15 1.21 0.00	19.55 0.87 0.00
HEWLETT__69_KV_BK3 55828	17.35 0.94 0.00	17.92 0.91 0.00	18.41 0.87 0.00	14.90 0.71 0.00	18.56 0.91 0.00	17.31 0.81 0.00	19.35 0.95 0.00	18.57 1.01 0.00	18.54 0.94 0.00	16.54 0.86 0.00	16.17 0.89 0.00	13.93 0.72 0.00	11.18 0.54 0.00	9.69 0.44 0.00	11.06 0.57 0.00	11.02 0.63 0.00	15.37 0.90 0.00	21.07 1.26 0.00	24.74 1.55 0.00	24.44 1.54 0.00	22.40 1.46 0.00	23.94 1.49 0.00	24.38 1.43 -0.01	19.72 1.04 0.00
HICKLING___1 23621	15.95 -0.45 0.00	16.77 -0.24 0.00	17.35 -0.18 0.00	14.01 -0.17 0.00	17.45 -0.20 0.00	16.30 -0.21 0.00	18.13 -0.26 0.00	17.37 -0.20 0.00	17.24 -0.37 0.00	15.30 -0.38 0.00	14.82 -0.45 0.00	12.67 -0.54 0.00	10.30 -0.34 0.00	8.98 -0.27 0.00	10.22 -0.27 0.00	10.17 -0.23 0.00	14.36 -0.11 0.00	19.61 -0.19 0.00	22.94 -0.25 0.00	22.62 -0.27 0.00	20.91 -0.03 0.00	22.44 0.00 0.00	22.96 0.02 0.00	18.83 0.14 0.00
HICKLING___2 23622	15.95 -0.45 0.00	16.77 -0.24 0.00	17.35 -0.18 0.00	14.01 -0.17 0.00	17.45 -0.20 0.00	16.30 -0.21 0.00	18.13 -0.26 0.00	17.37 -0.20 0.00	17.24 -0.37 0.00	15.30 -0.38 0.00	14.82 -0.45 0.00	12.67 -0.54 0.00	10.30 -0.34 0.00	8.98 -0.27 0.00	10.22 -0.27 0.00	10.17 -0.23 0.00	14.36 -0.11 0.00	19.61 -0.19 0.00	22.94 -0.25 0.00	22.62 -0.27 0.00	20.91 -0.03 0.00	22.44 0.00 0.00	22.96 0.02 0.00	18.83 0.14 0.00
HIGH FALLS___HY 23754	17.09 0.68 0.00	17.67 0.66 0.00	18.17 0.64 0.00	14.72 0.54 0.00	18.34 0.68 0.00	17.12 0.62 0.00	19.19 0.79 0.00	18.39 0.83 0.00	18.41 0.80 0.00	16.39 0.70 0.00	15.93 0.66 0.00	13.76 0.54 0.00	11.12 0.47 0.00	9.60 0.35 0.00	10.91 0.42 0.00	10.84 0.45 0.00	15.21 0.73 0.00	20.88 1.08 0.00	24.51 1.33 0.00	24.28 1.38 0.00	22.23 1.29 0.00	23.69 1.25 0.00	24.12 1.18 0.00	19.53 0.85 0.00
HILLBURN___GT 23639	16.97 0.57 0.00	17.54 0.53 0.00	18.05 0.52 0.00	14.62 0.43 0.00	18.23 0.57 0.00	17.02 0.51 0.00	19.07 0.68 0.00	18.26 0.70 0.00	18.27 0.67 0.00	16.31 0.63 0.00	15.90 0.62 0.00	13.74 0.52 0.00	11.04 0.39 0.00	9.56 0.31 0.00	10.91 0.42 0.00	10.84 0.45 0.00	15.09 0.62 0.00	20.73 0.93 0.00	24.31 1.13 0.00	24.06 1.16 0.00	22.00 1.06 0.00	23.47 1.02 0.00	23.93 0.98 0.00	19.37 0.69 0.00
HILLSIDE_115KV_TB1 80332	15.87 -0.53 0.00	16.63 -0.38 0.00	17.19 -0.34 0.00	13.90 -0.28 0.00	17.30 -0.35 0.00	16.18 -0.32 0.00	18.01 -0.39 0.00	17.25 -0.31 0.00	17.12 -0.48 0.00	15.21 -0.47 0.00	14.73 -0.54 0.00	12.64 -0.57 0.00	10.26 -0.38 0.00	8.95 -0.30 0.00	10.18 -0.31 0.00	10.12 -0.28 0.00	14.22 -0.24 0.00	19.44 -0.36 0.00	22.70 -0.49 0.00	22.38 -0.52 0.00	20.64 -0.30 0.00	22.17 -0.28 0.00	22.72 -0.23 0.00	18.59 -0.09 0.00

HISHELDN_WT_PWR 323625	15.40 -1.00 0.00	16.19 -0.82 0.00	16.71 -0.82 0.00	13.47 -0.71 0.00	16.64 -1.01 0.00	15.63 -0.88 0.00	17.28 -1.11 0.00	16.43 -1.13 0.00	16.22 -1.38 0.00	14.20 -1.48 0.00	13.64 -1.63 0.00	11.63 -1.58 0.00	9.46 -1.18 0.00	8.34 -0.91 0.00	9.48 -1.01 0.00	9.54 -0.86 0.00	13.36 -1.11 0.00	18.09 -1.72 0.00	21.05 -2.13 0.00	20.72 -2.18 0.00	19.19 -1.75 0.00	20.71 -1.73 0.00	21.47 -1.47 0.00	18.10 -0.59 0.00
HOLTSVILLE_IC_1 23690	17.29 0.89 0.00	17.87 0.86 0.00	18.35 0.82 0.00	14.86 0.67 0.00	18.50 0.84 0.00	17.24 0.73 0.00	19.25 0.86 0.00	18.45 0.89 0.00	18.37 0.76 0.00	16.32 0.64 0.00	15.97 0.70 0.00	13.74 0.53 0.00	11.03 0.39 0.00	9.55 0.30 0.00	10.90 0.41 0.00	10.91 0.51 0.00	15.22 0.75 0.00	20.86 1.06 0.00	24.54 1.36 0.00	24.15 1.25 0.00	22.14 1.20 0.00	23.74 1.30 0.00	24.15 1.21 0.00	19.58 0.90 0.00
HOLTSVILLE_IC_10 23699	17.37 0.97 0.00	17.94 0.93 0.00	18.42 0.89 0.00	14.91 0.73 0.00	18.57 0.91 0.00	17.30 0.80 0.00	19.33 0.93 0.00	18.52 0.96 0.00	18.43 0.82 0.00	16.37 0.69 0.00	16.02 0.73 0.00	13.77 0.56 0.00	11.05 0.41 0.00	9.56 0.31 0.00	10.93 0.43 0.00	10.93 0.54 0.00	15.26 0.79 0.00	20.93 1.13 0.00	24.63 1.45 0.00	24.24 1.34 0.00	22.23 1.29 0.00	23.84 1.40 0.00	24.24 1.30 0.00	19.65 0.96 0.00
HOLTSVILLE_IC_2 23691	17.29 0.89 0.00	17.87 0.86 0.00	18.35 0.82 0.00	14.86 0.67 0.00	18.50 0.84 0.00	17.24 0.73 0.00	19.25 0.86 0.00	18.45 0.89 0.00	18.37 0.76 0.00	16.32 0.64 0.00	15.97 0.70 0.00	13.74 0.53 0.00	11.03 0.39 0.00	9.55 0.30 0.00	10.90 0.41 0.00	10.91 0.51 0.00	15.22 0.75 0.00	20.86 1.06 0.00	24.54 1.36 0.00	24.15 1.25 0.00	22.14 1.20 0.00	23.74 1.30 0.00	24.15 1.21 0.00	19.58 0.90 0.00
HOLTSVILLE_IC_3 23692	17.29 0.89 0.00	17.87 0.86 0.00	18.35 0.82 0.00	14.86 0.67 0.00	18.50 0.84 0.00	17.24 0.73 0.00	19.25 0.86 0.00	18.45 0.89 0.00	18.37 0.76 0.00	16.32 0.64 0.00	15.97 0.70 0.00	13.74 0.53 0.00	11.03 0.39 0.00	9.55 0.30 0.00	10.90 0.41 0.00	10.91 0.51 0.00	15.22 0.75 0.00	20.86 1.06 0.00	24.54 1.36 0.00	24.15 1.25 0.00	22.14 1.20 0.00	23.74 1.30 0.00	24.15 1.21 0.00	19.58 0.90 0.00
HOLTSVILLE_IC_4 23693	17.29 0.89 0.00	17.87 0.86 0.00	18.35 0.82 0.00	14.86 0.67 0.00	18.50 0.84 0.00	17.24 0.73 0.00	19.25 0.86 0.00	18.45 0.89 0.00	18.37 0.76 0.00	16.32 0.64 0.00	15.97 0.70 0.00	13.74 0.53 0.00	11.03 0.39 0.00	9.55 0.30 0.00	10.90 0.41 0.00	10.91 0.51 0.00	15.22 0.75 0.00	20.86 1.06 0.00	24.54 1.36 0.00	24.15 1.25 0.00	22.14 1.20 0.00	23.74 1.30 0.00	24.15 1.21 0.00	19.58 0.90 0.00
HOLTSVILLE_IC_5 23694	17.29 0.89 0.00	17.87 0.86 0.00	18.35 0.82 0.00	14.86 0.67 0.00	18.50 0.84 0.00	17.24 0.73 0.00	19.25 0.86 0.00	18.45 0.89 0.00	18.37 0.76 0.00	16.32 0.64 0.00	15.97 0.70 0.00	13.74 0.53 0.00	11.03 0.39 0.00	9.55 0.30 0.00	10.90 0.41 0.00	10.91 0.51 0.00	15.22 0.75 0.00	20.86 1.06 0.00	24.54 1.36 0.00	24.15 1.25 0.00	22.14 1.20 0.00	23.74 1.30 0.00	24.15 1.21 0.00	19.58 0.90 0.00
HOLTSVILLE_IC_6 23695	17.37 0.97 0.00	17.94 0.93 0.00	18.42 0.89 0.00	14.91 0.73 0.00	18.57 0.91 0.00	17.30 0.80 0.00	19.33 0.93 0.00	18.52 0.96 0.00	18.43 0.82 0.00	16.37 0.69 0.00	16.02 0.73 0.00	13.77 0.56 0.00	11.05 0.41 0.00	9.56 0.31 0.00	10.93 0.43 0.00	10.93 0.54 0.00	15.26 0.79 0.00	20.93 1.13 0.00	24.63 1.45 0.00	24.24 1.34 0.00	22.23 1.29 0.00	23.84 1.40 0.00	24.24 1.30 0.00	19.65 0.96 0.00
HOLTSVILLE_IC_7 23696	17.37 0.97 0.00	17.94 0.93 0.00	18.42 0.89 0.00	14.91 0.73 0.00	18.57 0.91 0.00	17.30 0.80 0.00	19.33 0.93 0.00	18.52 0.96 0.00	18.43 0.82 0.00	16.37 0.69 0.00	16.02 0.73 0.00	13.77 0.56 0.00	11.05 0.41 0.00	9.56 0.31 0.00	10.93 0.43 0.00	10.93 0.54 0.00	15.26 0.79 0.00	20.93 1.13 0.00	24.63 1.45 0.00	24.24 1.34 0.00	22.23 1.29 0.00	23.84 1.40 0.00	24.24 1.30 0.00	19.65 0.96 0.00
HOLTSVILLE_IC_8 23697	17.37 0.97 0.00	17.94 0.93 0.00	18.42 0.89 0.00	14.91 0.73 0.00	18.57 0.91 0.00	17.30 0.80 0.00	19.33 0.93 0.00	18.52 0.96 0.00	18.43 0.82 0.00	16.37 0.69 0.00	16.02 0.73 0.00	13.77 0.56 0.00	11.05 0.41 0.00	9.56 0.31 0.00	10.93 0.43 0.00	10.93 0.54 0.00	15.26 0.79 0.00	20.93 1.13 0.00	24.63 1.45 0.00	24.24 1.34 0.00	22.23 1.29 0.00	23.84 1.40 0.00	24.24 1.30 0.00	19.65 0.96 0.00
HOLTSVILLE_IC_9 23698	17.37 0.97 0.00	17.94 0.93 0.00	18.42 0.89 0.00	14.91 0.73 0.00	18.57 0.91 0.00	17.30 0.80 0.00	19.33 0.93 0.00	18.52 0.96 0.00	18.43 0.82 0.00	16.37 0.69 0.00	16.02 0.73 0.00	13.77 0.56 0.00	11.05 0.41 0.00	9.56 0.31 0.00	10.93 0.43 0.00	10.93 0.54 0.00	15.26 0.79 0.00	20.93 1.13 0.00	24.63 1.45 0.00	24.24 1.34 0.00	22.23 1.29 0.00	23.84 1.40 0.00	24.24 1.30 0.00	19.65 0.96 0.00
HOMER_HL_115KV_TB2 355744	16.23 -0.17 0.00	17.03 0.02 0.00	17.62 0.08 0.00	14.22 0.04 0.00	17.62 -0.03 0.00	16.55 0.04 0.00	18.39 0.00 0.00	17.54 -0.02 0.00	17.31 -0.29 0.00	15.17 -0.51 0.00	14.57 -0.71 0.00	12.48 -0.73 0.00	10.20 -0.44 0.00	9.00 -0.25 0.00	10.28 -0.22 0.00	10.30 -0.10 0.00	14.46 -0.01 0.00	19.51 -0.30 0.00	22.57 -0.61 0.00	22.09 -0.81 0.00	20.41 -0.53 0.00	21.98 -0.46 0.00	22.81 -0.13 0.00	19.13 0.45 0.00
HOWARD_WT_PWR 323690	15.17 -1.23 0.00	16.42 -0.59 0.00	17.21 -0.32 0.00	13.87 -0.31 0.00	17.31 -0.34 0.00	15.86 -0.64 0.00	17.48 -0.91 0.00	16.69 -0.87 0.00	16.58 -1.03 0.00	14.80 -0.88 0.00	14.44 -0.83 0.00	12.11 -1.10 0.00	9.85 -0.79 0.00	8.58 -0.67 0.00	9.85 -0.64 0.00	9.85 -0.55 0.00	14.06 -0.41 0.00	19.27 -0.53 0.00	22.71 -0.47 0.00	22.34 -0.56 0.00	20.92 -0.01 0.00	22.40 -0.05 0.00	22.88 -0.07 0.00	18.79 0.11 0.00
HQ_GEN_CEDARS 23644	16.32 -0.08 0.00	16.92 -0.09 0.00	17.40 -0.13 0.00	14.05 -0.14 0.00	17.44 -0.21 0.00	16.33 -0.17 0.00	18.20 -0.20 0.00	17.32 -0.24 0.00	17.41 -0.20 0.00	15.46 -0.22 0.00	15.13 -0.15 0.00	13.12 -0.10 0.00	10.58 -0.07 0.00	9.21 -0.04 0.00	10.41 -0.09 0.00	10.29 -0.10 0.00	14.33 -0.14 0.00	19.66 -0.14 0.00	23.03 -0.15 0.00	22.68 -0.22 0.00	20.72 -0.22 0.00	22.31 -0.13 0.00	22.85 -0.09 0.00	18.53 -0.15 0.00
HQ_GEN_CEDARS_PROXY 323590	16.32 -0.08 0.00	16.92 -0.09 0.00	17.40 -0.13 0.00	14.05 -0.14 0.00	17.44 -0.21 0.00	16.33 -0.17 0.00	18.20 -0.20 0.00	17.32 -0.24 0.00	17.41 -0.20 0.00	15.46 -0.22 0.00	15.13 -0.15 0.00	13.12 -0.10 0.00	10.58 -0.07 0.00	9.21 -0.04 0.00	10.41 -0.09 0.00	10.29 -0.10 0.00	14.33 -0.14 0.00	19.67 -0.14 0.00	23.03 -0.15 0.00	22.68 -0.22 0.00	20.72 -0.22 0.00	22.31 -0.13 0.00	22.85 -0.09 0.00	18.54 -0.15 0.00

HQ_GEN_IMPORT 323601	16.38 -0.02 0.00	16.99 -0.02 0.00	17.50 -0.04 0.00	14.15 -0.04 0.00	17.59 -0.07 0.00	16.45 -0.06 0.00	18.33 -0.06 0.00	17.47 -0.09 0.00	17.53 -0.08 0.00	15.60 -0.08 0.00	15.23 -0.05 0.00	13.19 -0.02 0.00	10.63 -0.02 0.00	9.25 0.00 0.00	10.47 -0.02 0.00	10.36 -0.03 0.00	14.44 -0.03 0.00	19.78 -0.02 0.00	23.15 -0.03 0.00	22.81 -0.09 0.00	20.86 -0.08 0.00	22.41 -0.03 0.00	23.24 0.00 -0.30	18.64 -0.04 0.00
HQ_GEN_WHEEL 23651	16.38 -0.02 0.00	16.99 -0.02 0.00	17.50 -0.04 0.00	14.15 -0.04 0.00	17.59 -0.07 0.00	16.45 -0.06 0.00	18.33 -0.06 0.00	17.47 -0.09 0.00	17.53 -0.08 0.00	15.60 -0.08 0.00	15.23 -0.05 0.00	13.19 -0.02 0.00	10.63 -0.02 0.00	9.25 0.00 0.00	10.47 -0.02 0.00	10.36 -0.03 0.00	14.44 -0.03 0.00	19.78 -0.02 0.00	23.15 -0.03 0.00	22.81 -0.09 0.00	20.86 -0.08 0.00	22.41 -0.03 0.00	23.24 0.00 -0.30	18.64 -0.04 0.00
HUDSON AVE_GT_3 23810	17.12 0.72 0.00	17.69 0.68 0.00	18.19 0.66 0.00	14.74 0.55 0.00	18.37 0.71 0.00	17.12 0.62 0.00	19.16 0.77 0.00	18.41 0.85 0.00	18.42 0.81 0.00	16.44 0.76 0.00	16.04 0.76 0.00	13.86 0.64 0.00	11.15 0.50 0.00	9.65 0.40 0.00	11.02 0.53 0.00	10.96 0.56 0.00	15.23 0.76 0.00	20.88 1.07 0.00	24.52 1.34 0.00	24.31 1.41 0.00	22.23 1.29 0.00	23.66 1.22 0.00	24.12 1.17 0.00	19.50 0.81 0.00
HUDSON AVE_GT_4 23540	17.12 0.72 0.00	17.69 0.68 0.00	18.19 0.66 0.00	14.74 0.55 0.00	18.37 0.71 0.00	17.12 0.62 0.00	19.16 0.77 0.00	18.41 0.85 0.00	18.42 0.81 0.00	16.44 0.76 0.00	16.04 0.76 0.00	13.86 0.64 0.00	11.15 0.50 0.00	9.65 0.40 0.00	11.02 0.53 0.00	10.96 0.56 0.00	15.23 0.76 0.00	20.88 1.07 0.00	24.52 1.34 0.00	24.31 1.41 0.00	22.23 1.29 0.00	23.66 1.22 0.00	24.12 1.17 0.00	19.50 0.81 0.00
HUDSON AVE_GT_5 23657	17.12 0.72 0.00	17.69 0.68 0.00	18.19 0.66 0.00	14.74 0.55 0.00	18.37 0.71 0.00	17.12 0.62 0.00	19.16 0.77 0.00	18.41 0.85 0.00	18.42 0.81 0.00	16.44 0.76 0.00	16.04 0.76 0.00	13.86 0.64 0.00	11.15 0.50 0.00	9.65 0.40 0.00	11.02 0.53 0.00	10.96 0.56 0.00	15.23 0.76 0.00	20.88 1.07 0.00	24.52 1.34 0.00	24.31 1.41 0.00	22.23 1.29 0.00	23.66 1.22 0.00	24.12 1.17 0.00	19.50 0.81 0.00
HUDSON_AVE_10 24168	17.07 0.67 0.00	17.64 0.63 0.00	18.13 0.60 0.00	14.70 0.51 0.00	18.32 0.66 0.00	17.07 0.57 0.00	19.10 0.71 0.00	18.36 0.80 0.00	18.36 0.76 0.00	16.38 0.70 0.00	16.00 0.72 0.00	13.83 0.62 0.00	11.12 0.48 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.92 0.53 0.00	15.18 0.71 0.00	20.81 1.01 0.00	24.44 1.26 0.00	24.24 1.34 0.00	22.17 1.23 0.00	23.59 1.15 0.00	24.06 1.11 0.00	19.45 0.77 0.00
HUDSON___115KV_TB 4 355613	17.00 0.60 0.00	17.61 0.59 0.00	18.17 0.64 0.00	14.71 0.53 0.00	18.33 0.68 0.00	17.13 0.62 0.00	19.09 0.70 0.00	18.25 0.69 0.00	18.34 0.73 0.00	16.26 0.58 0.00	15.82 0.54 0.00	13.69 0.48 0.00	11.00 0.36 0.00	9.59 0.34 0.00	10.88 0.39 0.00	10.76 0.36 0.00	15.01 0.54 0.00	20.64 0.83 0.00	24.17 0.98 0.00	24.00 1.10 0.00	21.88 0.94 0.00	23.40 0.95 0.00	23.85 0.91 0.00	19.35 0.66 0.00
HUNTER MOUNT___DRP 323613	17.10 0.70 0.00	17.70 0.69 0.00	18.28 0.74 0.00	14.80 0.61 0.00	18.44 0.78 0.00	17.22 0.72 0.00	19.20 0.81 0.00	18.35 0.80 0.00	18.46 0.86 0.00	16.31 0.63 0.00	15.87 0.59 0.00	13.74 0.53 0.00	11.04 0.39 0.00	9.63 0.38 0.00	10.91 0.41 0.00	10.79 0.40 0.00	15.06 0.59 0.00	20.75 0.94 0.00	24.29 1.11 0.00	24.16 1.26 0.00	22.00 1.05 0.00	23.54 1.09 0.00	23.98 1.04 0.00	19.45 0.77 0.00
HUNTINGTON_RES_REC 323705	17.24 0.83 0.00	17.81 0.80 0.00	18.29 0.75 0.00	14.80 0.62 0.00	18.44 0.78 0.00	17.18 0.67 0.00	19.19 0.79 0.00	18.40 0.84 0.00	18.34 0.73 0.00	16.32 0.63 0.00	15.98 0.70 0.00	13.76 0.54 0.00	11.03 0.39 0.00	9.55 0.30 0.00	10.91 0.42 0.00	10.89 0.50 0.00	15.21 0.74 0.00	20.86 1.05 0.00	24.52 1.34 0.00	24.17 1.27 0.00	22.16 1.21 0.00	23.71 1.27 0.00	24.13 1.19 0.00	19.54 0.86 0.00
HUNTLEY___63 23557	15.48 -0.92 0.00	16.30 -0.71 0.00	16.83 -0.71 0.00	13.56 -0.63 0.00	16.74 -0.92 0.00	15.76 -0.75 0.00	17.39 -1.00 0.00	16.44 -1.12 0.00	16.34 -1.27 0.00	14.28 -1.40 0.00	13.80 -1.48 0.00	11.80 -1.42 0.00	9.63 -1.02 0.00	8.48 -0.77 0.00	9.59 -0.90 0.00	9.64 -0.75 0.00	13.51 -0.96 0.00	18.28 -1.52 0.00	21.25 -1.94 0.00	20.83 -2.07 0.00	19.23 -1.71 0.00	20.73 -1.71 0.00	21.48 -1.47 0.00	18.19 -0.49 0.00
HUNTLEY___64 23558	15.48 -0.92 0.00	16.30 -0.71 0.00	16.83 -0.71 0.00	13.56 -0.63 0.00	16.74 -0.92 0.00	15.76 -0.75 0.00	17.39 -1.00 0.00	16.44 -1.12 0.00	16.34 -1.27 0.00	14.28 -1.40 0.00	13.80 -1.48 0.00	11.80 -1.42 0.00	9.63 -1.02 0.00	8.48 -0.77 0.00	9.59 -0.90 0.00	9.64 -0.75 0.00	13.51 -0.96 0.00	18.28 -1.52 0.00	21.25 -1.94 0.00	20.83 -2.07 0.00	19.23 -1.71 0.00	20.73 -1.71 0.00	21.48 -1.47 0.00	18.19 -0.49 0.00
HUNTLEY___65 23559	15.48 -0.92 0.00	16.30 -0.71 0.00	16.83 -0.71 0.00	13.56 -0.63 0.00	16.74 -0.92 0.00	15.76 -0.75 0.00	17.39 -1.00 0.00	16.44 -1.12 0.00	16.34 -1.27 0.00	14.28 -1.40 0.00	13.80 -1.48 0.00	11.80 -1.42 0.00	9.63 -1.02 0.00	8.48 -0.77 0.00	9.59 -0.90 0.00	9.64 -0.75 0.00	13.51 -0.96 0.00	18.28 -1.52 0.00	21.25 -1.94 0.00	20.83 -2.07 0.00	19.23 -1.71 0.00	20.73 -1.71 0.00	21.48 -1.47 0.00	18.19 -0.49 0.00
HUNTLEY___66 23560	15.48 -0.92 0.00	16.30 -0.71 0.00	16.83 -0.71 0.00	13.56 -0.63 0.00	16.74 -0.92 0.00	15.76 -0.75 0.00	17.39 -1.00 0.00	16.44 -1.12 0.00	16.34 -1.27 0.00	14.28 -1.40 0.00	13.80 -1.48 0.00	11.80 -1.42 0.00	9.63 -1.02 0.00	8.48 -0.77 0.00	9.59 -0.90 0.00	9.64 -0.75 0.00	13.51 -0.96 0.00	18.28 -1.52 0.00	21.25 -1.94 0.00	20.83 -2.07 0.00	19.23 -1.71 0.00	20.73 -1.71 0.00	21.48 -1.47 0.00	18.19 -0.49 0.00
HUNTLEY___67 23561	15.43 -0.97 0.00	16.24 -0.77 0.00	16.77 -0.76 0.00	13.51 -0.67 0.00	16.69 -0.97 0.00	15.70 -0.80 0.00	17.35 -1.05 0.00	16.41 -1.15 0.00	16.29 -1.31 0.00	14.26 -1.42 0.00	13.78 -1.50 0.00	11.78 -1.43 0.00	9.60 -1.04 0.00	8.46 -0.78 0.00	9.57 -0.92 0.00	9.61 -0.79 0.00	13.48 -0.99 0.00	18.22 -1.58 0.00	21.18 -2.00 0.00	20.76 -2.14 0.00	19.17 -1.77 0.00	20.68 -1.76 0.00	21.42 -1.52 0.00	18.12 -0.56 0.00
HUNTLEY___68 23562	15.43 -0.97 0.00	16.24 -0.77 0.00	16.77 -0.76 0.00	13.51 -0.67 0.00	16.69 -0.97 0.00	15.70 -0.80 0.00	17.35 -1.05 0.00	16.41 -1.15 0.00	16.29 -1.31 0.00	14.26 -1.42 0.00	13.78 -1.50 0.00	11.78 -1.43 0.00	9.60 -1.04 0.00	8.46 -0.78 0.00	9.57 -0.92 0.00	9.61 -0.79 0.00	13.48 -0.99 0.00	18.22 -1.58 0.00	21.18 -2.00 0.00	20.76 -2.14 0.00	19.17 -1.77 0.00	20.68 -1.76 0.00	21.42 -1.52 0.00	18.12 -0.56 0.00

HYLAND___LFGE 323620	16.16 -0.24 0.00	17.04 0.03 0.00	17.68 0.15 0.00	14.26 0.07 0.00	17.71 0.06 0.00	16.54 0.04 0.00	18.38 -0.01 0.00	17.56 0.00 0.00	17.42 -0.19 0.00	15.16 -0.52 0.00	14.54 -0.75 0.00	12.42 -0.80 0.00	10.07 -0.57 0.00	8.80 -0.45 0.00	10.03 -0.46 0.00	9.97 -0.42 0.00	14.15 -0.32 0.00	19.20 -0.61 0.00	22.97 -0.22 0.00	22.96 0.06 0.00	21.35 0.41 0.00	22.90 0.46 0.00	23.38 0.43 0.00	19.32 0.64 0.00
INDECK___CORINTH 23802	16.89 0.49 0.00	17.48 0.47 0.00	18.05 0.51 0.00	14.62 0.43 0.00	18.22 0.57 0.00	17.04 0.53 0.00	18.95 0.56 0.00	18.14 0.58 0.00	18.27 0.66 0.00	16.33 0.65 0.00	15.86 0.58 0.00	13.70 0.48 0.00	10.96 0.31 0.00	9.50 0.25 0.00	10.82 0.33 0.00	10.70 0.31 0.00	14.91 0.43 0.00	20.49 0.69 0.00	24.14 0.96 0.00	23.89 0.99 0.00	21.75 0.81 0.00	23.29 0.84 0.00	23.65 0.71 0.00	19.14 0.46 0.00
INDECK___ILION 23567	16.32 -0.08 0.00	16.88 -0.13 0.00	17.38 -0.15 0.00	14.08 -0.11 0.00	17.62 -0.03 0.00	16.45 -0.05 0.00	18.33 -0.06 0.00	17.53 -0.03 0.00	17.58 -0.03 0.00	15.70 0.02 0.00	15.28 0.00 0.00	13.21 0.00 0.00	10.61 -0.04 0.00	9.19 -0.06 0.00	10.45 -0.04 0.00	10.34 -0.06 0.00	14.39 -0.08 0.00	19.76 -0.04 0.00	23.21 0.03 0.00	23.03 0.13 0.00	20.99 0.05 0.00	22.50 0.06 0.00	22.95 0.00 0.00	18.62 -0.06 0.00
INDECK___OLEAN 23982	16.23 -0.17 0.00	17.03 0.02 0.00	17.62 0.08 0.00	14.22 0.04 0.00	17.62 -0.03 0.00	16.55 0.04 0.00	18.39 0.00 0.00	17.54 -0.02 0.00	17.31 -0.29 0.00	15.17 -0.51 0.00	14.57 -0.71 0.00	12.48 -0.73 0.00	10.20 -0.44 0.00	9.00 -0.25 0.00	10.28 -0.22 0.00	10.30 -0.10 0.00	14.46 -0.01 0.00	19.51 -0.30 0.00	22.57 -0.61 0.00	22.09 -0.81 0.00	20.41 -0.53 0.00	21.98 -0.46 0.00	22.81 -0.13 0.00	19.11 0.43 0.00
INDECK___OSWEGO 23783	16.13 -0.27 0.00	16.74 -0.27 0.00	17.28 -0.25 0.00	13.96 -0.22 0.00	17.36 -0.30 0.00	16.24 -0.26 0.00	18.09 -0.30 0.00	17.29 -0.27 0.00	17.32 -0.29 0.00	15.38 -0.30 0.00	14.97 -0.31 0.00	12.91 -0.30 0.00	10.42 -0.22 0.00	9.05 -0.20 0.00	10.27 -0.22 0.00	10.17 -0.22 0.00	14.15 -0.32 0.00	19.30 -0.51 0.00	22.60 -0.58 0.00	22.37 -0.53 0.00	20.49 -0.45 0.00	21.95 -0.49 0.00	22.44 -0.51 0.00	18.36 -0.32 0.00
INDECK___YERKES 23781	15.49 -0.91 0.00	16.31 -0.70 0.00	16.85 -0.69 0.00	13.57 -0.62 0.00	16.76 -0.90 0.00	15.77 -0.73 0.00	17.41 -0.99 0.00	16.47 -1.09 0.00	16.35 -1.26 0.00	14.29 -1.39 0.00	13.81 -1.47 0.00	11.81 -1.41 0.00	9.63 -1.01 0.00	8.49 -0.76 0.00	9.60 -0.89 0.00	9.65 -0.75 0.00	13.52 -0.95 0.00	18.30 -1.50 0.00	21.27 -1.92 0.00	20.84 -2.05 0.00	19.25 -1.69 0.00	20.75 -1.69 0.00	21.50 -1.44 0.00	18.19 -0.49 0.00
INDIAN POINT_GT_1 24139	16.96 0.56 0.00	17.53 0.52 0.00	18.05 0.51 0.00	14.62 0.43 0.00	18.22 0.56 0.00	17.01 0.50 0.00	19.03 0.64 0.00	18.24 0.68 0.00	18.25 0.64 0.00	16.30 0.62 0.00	15.90 0.62 0.00	13.73 0.52 0.00	11.03 0.39 0.00	9.56 0.31 0.00	10.90 0.41 0.00	10.83 0.44 0.00	15.08 0.61 0.00	20.69 0.89 0.00	24.27 1.09 0.00	24.03 1.14 0.00	21.98 1.04 0.00	23.44 0.99 0.00	23.89 0.94 0.00	19.33 0.65 0.00
INDIAN POINT_GT_2 23659	16.96 0.56 0.00	17.53 0.52 0.00	18.05 0.51 0.00	14.62 0.43 0.00	18.22 0.56 0.00	17.01 0.50 0.00	19.03 0.64 0.00	18.24 0.68 0.00	18.25 0.64 0.00	16.30 0.62 0.00	15.90 0.62 0.00	13.73 0.52 0.00	11.03 0.39 0.00	9.56 0.31 0.00	10.90 0.41 0.00	10.83 0.44 0.00	15.08 0.61 0.00	20.69 0.89 0.00	24.27 1.09 0.00	24.03 1.14 0.00	21.98 1.04 0.00	23.44 0.99 0.00	23.89 0.94 0.00	19.33 0.65 0.00
INDIAN POINT_GT_3 24019	16.96 0.56 0.00	17.53 0.52 0.00	18.05 0.51 0.00	14.62 0.43 0.00	18.22 0.56 0.00	17.01 0.50 0.00	19.03 0.64 0.00	18.24 0.68 0.00	18.25 0.64 0.00	16.30 0.62 0.00	15.90 0.62 0.00	13.73 0.52 0.00	11.03 0.39 0.00	9.56 0.31 0.00	10.90 0.41 0.00	10.83 0.44 0.00	15.08 0.61 0.00	20.69 0.89 0.00	24.27 1.09 0.00	24.03 1.14 0.00	21.98 1.04 0.00	23.44 0.99 0.00	23.89 0.94 0.00	19.33 0.65 0.00
INDIAN POINT___2 23530	16.95 0.55 0.00	17.52 0.51 0.00	18.03 0.50 0.00	14.60 0.42 0.00	18.21 0.55 0.00	17.00 0.49 0.00	19.03 0.63 0.00	18.23 0.67 0.00	18.24 0.64 0.00	16.29 0.61 0.00	15.88 0.60 0.00	13.72 0.50 0.00	11.02 0.38 0.00	9.55 0.30 0.00	10.89 0.40 0.00	10.83 0.43 0.00	15.06 0.59 0.00	20.68 0.87 0.00	24.25 1.07 0.00	24.01 1.11 0.00	21.96 1.02 0.00	23.41 0.97 0.00	23.87 0.93 0.00	19.33 0.65 0.00
INDIAN POINT___3 23531	16.95 0.55 0.00	17.53 0.52 0.00	18.04 0.50 0.00	14.62 0.43 0.00	18.22 0.56 0.00	17.00 0.49 0.00	19.03 0.63 0.00	18.24 0.68 0.00	18.25 0.64 0.00	16.30 0.61 0.00	15.89 0.61 0.00	13.72 0.51 0.00	11.03 0.39 0.00	9.55 0.30 0.00	10.90 0.41 0.00	10.83 0.44 0.00	15.07 0.60 0.00	20.68 0.88 0.00	24.26 1.08 0.00	24.02 1.12 0.00	21.96 1.02 0.00	23.42 0.98 0.00	23.88 0.93 0.00	19.33 0.64 0.00
INGHAM_C_115KV_TB7 356103	16.10 -0.30 0.00	16.60 -0.41 0.00	17.04 -0.49 0.00	13.84 -0.35 0.00	17.45 -0.21 0.00	16.28 -0.23 0.00	18.13 -0.26 0.00	17.37 -0.19 0.00	17.39 -0.21 0.00	15.58 -0.10 0.00	15.16 -0.12 0.00	13.10 -0.11 0.00	10.47 -0.17 0.00	9.03 -0.21 0.00	10.31 -0.18 0.00	10.17 -0.22 0.00	14.18 -0.29 0.00	19.57 -0.24 0.00	23.06 -0.12 0.00	23.00 0.10 0.00	20.86 -0.07 0.00	22.39 -0.05 0.00	22.79 -0.15 0.00	18.41 -0.27 0.00
IP CORINTH___1 23988	16.89 0.49 0.00	17.48 0.47 0.00	18.05 0.51 0.00	14.62 0.43 0.00	18.22 0.57 0.00	17.04 0.53 0.00	18.95 0.56 0.00	18.14 0.58 0.00	18.27 0.66 0.00	16.33 0.65 0.00	15.86 0.58 0.00	13.70 0.48 0.00	10.96 0.31 0.00	9.50 0.25 0.00	10.82 0.33 0.00	10.70 0.31 0.00	14.90 0.43 0.00	20.50 0.69 0.00	24.14 0.96 0.00	23.89 0.99 0.00	21.75 0.81 0.00	23.29 0.84 0.00	23.65 0.71 0.00	19.14 0.45 0.00
IP___TICONDEROGA 23804	17.47 1.07 0.00	18.08 1.07 0.00	18.68 1.15 0.00	15.17 0.99 0.00	18.92 1.27 0.00	17.75 1.24 0.00	19.56 1.17 0.00	18.73 1.18 0.00	18.94 1.33 0.00	16.99 1.31 0.00	16.39 1.11 0.00	14.01 0.79 0.00	11.15 0.50 0.00	9.65 0.40 0.00	11.12 0.63 0.00	10.96 0.57 0.00	15.31 0.84 0.00	21.10 1.29 0.00	24.90 1.72 0.00	24.63 1.73 0.00	22.34 1.40 0.00	24.00 1.56 0.00	24.23 1.29 0.00	19.54 0.86 0.00
ISLIP_RES_REC 323679	17.41 1.01 0.00	17.99 0.98 0.00	18.47 0.93 0.00	14.95 0.76 0.00	18.60 0.95 0.00	17.34 0.84 0.00	19.37 0.98 0.00	18.57 1.01 0.00	18.48 0.87 0.00	16.41 0.73 0.00	16.05 0.77 0.00	13.80 0.59 0.00	11.07 0.43 0.00	9.58 0.33 0.00	10.94 0.45 0.00	10.96 0.57 0.00	15.29 0.82 0.00	20.99 1.19 0.00	24.71 1.53 0.00	24.32 1.42 0.00	22.31 1.37 0.00	23.92 1.48 0.00	24.32 1.37 0.00	19.70 1.02 0.00

JAMAICA__27_KV_LOAD 355505	17.17 0.77 0.00	17.74 0.73 0.00	18.24 0.70 0.00	14.78 0.59 0.00	18.43 0.78 0.00	17.17 0.67 0.00	19.19 0.79 0.00	18.47 0.91 0.00	18.47 0.86 0.00	16.45 0.77 0.00	16.10 0.83 0.00	13.94 0.73 0.00	11.19 0.55 0.00	9.69 0.44 0.00	11.06 0.57 0.00	10.98 0.59 0.00	15.26 0.79 0.00	20.94 1.14 0.00	24.60 1.42 0.00	24.42 1.52 0.00	22.32 1.38 0.00	23.74 1.29 0.00	24.25 1.31 0.00	19.63 0.95 0.00
JANIS__SOLAR 323808	16.78 0.37 0.00	17.29 0.28 0.00	17.97 0.43 0.00	14.52 0.33 0.00	18.17 0.52 0.00	17.06 0.56 0.00	18.98 0.59 0.00	18.16 0.60 0.00	18.14 0.54 0.00	16.12 0.44 0.00	15.63 0.35 0.00	13.33 0.11 0.00	10.77 0.12 0.00	9.36 0.11 0.00	10.61 0.11 0.00	10.45 0.05 0.00	14.69 0.22 0.00	20.47 0.67 0.00	24.05 0.87 0.00	23.87 0.97 0.00	21.90 0.96 0.00	23.44 1.00 0.00	23.93 0.98 0.00	19.55 0.87 0.00
JARVIS____ 23743	16.40 0.00 0.00	17.00 -0.01 0.00	17.54 0.00 0.00	14.18 0.00 0.00	17.67 0.01 0.00	16.51 0.00 0.00	18.39 0.00 0.00	17.58 0.02 0.00	17.63 0.02 0.00	15.71 0.03 0.00	15.30 0.02 0.00	13.23 0.01 0.00	10.65 0.00 0.00	9.24 -0.01 0.00	10.49 0.00 0.00	10.40 0.00 0.00	14.47 -0.01 0.00	19.80 0.00 0.00	23.19 0.01 0.00	22.94 0.05 0.00	20.98 0.04 0.00	22.47 0.02 0.00	22.95 0.00 0.00	18.68 0.00 0.00
JENNISON____1 23625	16.71 0.31 0.00	16.92 -0.09 0.00	17.85 0.31 0.00	14.23 0.05 0.00	17.95 0.29 0.00	16.98 0.48 0.00	18.76 0.37 0.00	17.96 0.41 0.00	17.97 0.37 0.00	16.00 0.33 0.00	15.44 0.16 0.00	13.28 0.07 0.00	10.85 0.21 0.00	9.39 0.14 0.00	10.55 0.06 0.00	10.44 0.04 0.00	14.74 0.27 0.00	20.52 0.71 0.00	23.82 0.63 0.00	23.66 0.76 0.00	21.79 0.85 0.00	23.46 1.02 0.00	23.94 1.00 0.00	19.53 0.85 0.00
JENNISON____2 23626	16.71 0.31 0.00	16.92 -0.09 0.00	17.85 0.31 0.00	14.23 0.05 0.00	17.95 0.29 0.00	16.98 0.48 0.00	18.76 0.37 0.00	17.96 0.41 0.00	17.97 0.37 0.00	16.00 0.33 0.00	15.44 0.16 0.00	13.28 0.07 0.00	10.85 0.21 0.00	9.39 0.14 0.00	10.55 0.06 0.00	10.44 0.04 0.00	14.74 0.27 0.00	20.52 0.71 0.00	23.82 0.63 0.00	23.66 0.76 0.00	21.79 0.85 0.00	23.46 1.02 0.00	23.94 1.00 0.00	19.53 0.85 0.00
JERICOHO_RISE_WT_PWR 323719	16.29 -0.11 0.00	16.91 -0.10 0.00	17.44 -0.09 0.00	14.13 -0.05 0.00	17.60 -0.05 0.00	16.41 -0.10 0.00	18.24 -0.15 0.00	17.12 -0.44 0.00	17.27 -0.34 0.00	15.35 -0.33 0.00	14.97 -0.31 0.00	13.04 -0.17 0.00	10.53 -0.11 0.00	9.17 -0.07 0.00	10.25 -0.24 0.00	10.10 -0.30 0.00	14.13 -0.34 0.00	19.45 -0.36 0.00	22.73 -0.45 0.00	22.27 -0.63 0.00	20.26 -0.68 0.00	21.80 -0.64 0.00	22.37 -0.57 0.00	18.06 -0.63 0.00
KATONAH__115KV_46KV_TB4 355592	17.04 0.63 0.00	17.62 0.61 0.00	18.14 0.60 0.00	14.69 0.51 0.00	18.31 0.65 0.00	17.09 0.58 0.00	19.11 0.72 0.00	18.32 0.76 0.00	18.35 0.74 0.00	16.40 0.72 0.00	15.99 0.71 0.00	13.82 0.60 0.00	11.11 0.46 0.00	9.61 0.36 0.00	10.96 0.47 0.00	10.89 0.50 0.00	15.17 0.70 0.00	20.79 0.99 0.00	24.39 1.20 0.00	24.15 1.25 0.00	22.09 1.14 0.00	23.55 1.11 0.00	23.98 1.03 0.00	19.40 0.72 0.00
KCE_NY_1 323755	16.88 0.48 0.00	17.50 0.49 0.00	18.06 0.53 0.00	14.61 0.42 0.00	18.22 0.57 0.00	17.03 0.52 0.00	18.95 0.56 0.00	18.13 0.58 0.00	18.24 0.63 0.00	16.29 0.61 0.00	15.83 0.55 0.00	13.69 0.47 0.00	10.98 0.34 0.00	9.52 0.27 0.00	10.80 0.31 0.00	10.70 0.31 0.00	14.90 0.43 0.00	20.49 0.68 0.00	24.10 0.92 0.00	23.84 0.94 0.00	21.70 0.76 0.00	23.24 0.80 0.00	23.65 0.71 0.00	19.15 0.47 0.00
KCE_NY_6_ESR 323823	15.63 -0.77 0.00	16.45 -0.56 0.00	16.99 -0.54 0.00	13.69 -0.50 0.00	16.92 -0.73 0.00	15.91 -0.60 0.00	17.59 -0.80 0.00	16.69 -0.87 0.00	16.53 -1.08 0.00	14.48 -1.20 0.00	13.95 -1.32 0.00	11.92 -1.30 0.00	9.71 -0.93 0.00	8.56 -0.69 0.00	9.70 -0.79 0.00	9.74 -0.66 0.00	13.66 -0.81 0.00	18.48 -1.33 0.00	21.49 -1.69 0.00	21.09 -1.81 0.00	19.49 -1.45 0.00	21.05 -1.40 0.00	21.79 -1.16 0.00	18.35 -0.33 0.00
KEDC_PORT_JEFF_GT2 24210	17.35 0.95 0.00	17.93 0.91 0.00	18.40 0.87 0.00	14.90 0.71 0.00	18.55 0.89 0.00	17.29 0.78 0.00	19.31 0.91 0.00	18.51 0.95 0.00	18.42 0.82 0.00	16.37 0.68 0.00	16.02 0.73 0.00	13.78 0.56 0.00	11.05 0.41 0.00	9.56 0.31 0.00	10.92 0.43 0.00	10.93 0.54 0.00	15.26 0.79 0.00	20.93 1.12 0.00	24.63 1.45 0.00	24.23 1.34 0.00	22.22 1.28 0.00	23.83 1.39 0.00	24.23 1.28 0.00	19.64 0.95 0.00
KEDC_PORT_JEFF_GT3 24211	17.35 0.95 0.00	17.93 0.91 0.00	18.40 0.87 0.00	14.90 0.71 0.00	18.55 0.89 0.00	17.29 0.78 0.00	19.31 0.91 0.00	18.51 0.95 0.00	18.42 0.82 0.00	16.37 0.68 0.00	16.02 0.73 0.00	13.78 0.56 0.00	11.05 0.41 0.00	9.56 0.31 0.00	10.92 0.43 0.00	10.93 0.54 0.00	15.26 0.79 0.00	20.93 1.12 0.00	24.63 1.45 0.00	24.23 1.34 0.00	22.22 1.28 0.00	23.83 1.39 0.00	24.23 1.28 0.00	19.64 0.95 0.00
KEDC_GLWD_GT4 24219	17.27 0.87 0.00	17.85 0.84 0.00	18.34 0.81 0.00	14.85 0.67 0.00	18.49 0.84 0.00	17.25 0.75 0.00	19.28 0.89 0.00	18.50 0.94 0.00	18.48 0.87 0.00	16.47 0.79 0.00	16.11 0.83 0.00	13.89 0.67 0.00	11.15 0.51 0.00	9.66 0.41 0.00	11.02 0.53 0.00	10.99 0.59 0.00	15.32 0.85 0.00	21.01 1.21 0.00	24.67 1.49 0.00	24.37 1.47 0.00	22.33 1.39 0.00	23.86 1.42 0.00	24.29 1.34 0.00	19.65 0.97 0.00
KEDC_GLWD_GT5 24220	17.27 0.87 0.00	17.85 0.84 0.00	18.34 0.81 0.00	14.85 0.67 0.00	18.49 0.84 0.00	17.25 0.75 0.00	19.28 0.89 0.00	18.50 0.94 0.00	18.48 0.87 0.00	16.47 0.79 0.00	16.11 0.83 0.00	13.89 0.67 0.00	11.15 0.51 0.00	9.66 0.41 0.00	11.02 0.53 0.00	10.99 0.59 0.00	15.32 0.85 0.00	21.01 1.21 0.00	24.67 1.49 0.00	24.37 1.47 0.00	22.33 1.39 0.00	23.86 1.42 0.00	24.29 1.34 0.00	19.65 0.97 0.00
KENSICO____ 23655	17.00 0.60 0.00	17.58 0.57 0.00	18.09 0.55 0.00	14.65 0.46 0.00	18.26 0.60 0.00	17.04 0.53 0.00	19.07 0.67 0.00	18.28 0.72 0.00	18.29 0.69 0.00	16.34 0.66 0.00	15.94 0.66 0.00	13.77 0.55 0.00	11.06 0.42 0.00	9.58 0.33 0.00	10.93 0.44 0.00	10.87 0.47 0.00	15.12 0.65 0.00	20.73 0.93 0.00	24.33 1.15 0.00	24.10 1.20 0.00	22.03 1.09 0.00	23.49 1.05 0.00	23.94 0.99 0.00	19.37 0.69 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	17.13 0.73 0.00	17.70 0.69 0.00	18.23 0.69 0.00	14.76 0.58 0.00	18.38 0.73 0.00	17.17 0.66 0.00	19.23 0.84 0.00	18.43 0.87 0.00	18.45 0.84 0.00	16.42 0.74 0.00	15.96 0.68 0.00	13.79 0.58 0.00	11.13 0.49 0.00	9.62 0.37 0.00	10.93 0.44 0.00	10.87 0.47 0.00	15.23 0.76 0.00	20.92 1.11 0.00	24.55 1.37 0.00	24.32 1.42 0.00	22.26 1.32 0.00	23.74 1.29 0.00	24.17 1.23 0.00	19.57 0.89 0.00

KIAC_JFK_GT1 23816	17.12 0.72 0.00	17.69 0.68 0.00	18.19 0.65 0.00	14.74 0.55 0.00	18.38 0.72 0.00	17.12 0.61 0.00	19.13 0.74 0.00	18.41 0.85 0.00	18.41 0.81 0.00	16.41 0.73 0.00	16.06 0.78 0.00	13.90 0.68 0.00	11.16 0.52 0.00	9.66 0.41 0.00	11.03 0.54 0.00	10.95 0.56 0.00	15.22 0.75 0.00	20.88 1.08 0.00	24.51 1.33 0.00	24.33 1.43 0.00	22.24 1.30 0.00	23.65 1.21 0.00	24.17 1.23 0.00	19.56 0.88 0.00
KIAC_JFK_GT2 23817	17.12 0.72 0.00	17.69 0.68 0.00	18.19 0.65 0.00	14.74 0.55 0.00	18.38 0.72 0.00	17.12 0.61 0.00	19.13 0.74 0.00	18.41 0.85 0.00	18.41 0.81 0.00	16.41 0.73 0.00	16.06 0.78 0.00	13.90 0.68 0.00	11.16 0.52 0.00	9.66 0.41 0.00	11.03 0.54 0.00	10.95 0.56 0.00	15.22 0.75 0.00	20.88 1.08 0.00	24.51 1.33 0.00	24.33 1.43 0.00	22.24 1.30 0.00	23.65 1.21 0.00	24.17 1.23 0.00	19.56 0.88 0.00
KIAC_JFK____ 323774	17.12 0.72 0.00	17.69 0.68 0.00	18.19 0.66 0.00	14.74 0.55 0.00	18.38 0.72 0.00	17.12 0.61 0.00	19.13 0.74 0.00	18.41 0.85 0.00	18.41 0.81 0.00	16.41 0.73 0.00	16.06 0.78 0.00	13.90 0.68 0.00	11.16 0.52 0.00	9.66 0.41 0.00	11.03 0.54 0.00	10.95 0.55 0.00	15.22 0.75 0.00	20.88 1.07 0.00	24.51 1.33 0.00	24.33 1.43 0.00	22.24 1.30 0.00	23.65 1.21 0.00	24.17 1.23 0.00	19.57 0.88 0.00
KINTIGH____ 23543	15.41 -0.99 0.00	16.18 -0.83 0.00	16.71 -0.82 0.00	13.47 -0.71 0.00	16.66 -0.99 0.00	15.67 -0.83 0.00	17.34 -1.05 0.00	16.44 -1.12 0.00	16.35 -1.26 0.00	14.34 -1.34 0.00	13.91 -1.37 0.00	11.93 -1.29 0.00	9.71 -0.93 0.00	8.53 -0.71 0.00	9.66 -0.83 0.00	9.66 -0.74 0.00	13.55 -0.92 0.00	18.34 -1.47 0.00	21.33 -1.85 0.00	20.92 -1.97 0.00	19.28 -1.66 0.00	20.74 -1.70 0.00	21.45 -1.49 0.00	18.04 -0.64 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	16.56 0.16 0.00	17.17 0.16 0.00	17.68 0.14 0.00	14.33 0.15 0.00	17.87 0.21 0.00	16.68 0.17 0.00	18.55 0.16 0.00	17.41 -0.15 0.00	17.59 -0.02 0.00	15.64 -0.04 0.00	15.22 -0.06 0.00	13.26 0.04 0.00	10.69 0.04 0.00	9.32 0.07 0.00	10.42 -0.07 0.00	10.24 -0.15 0.00	14.36 -0.11 0.00	19.74 -0.06 0.00	23.13 -0.05 0.00	22.61 -0.29 0.00	20.56 -0.38 0.00	22.14 -0.30 0.00	22.67 -0.27 0.00	18.29 -0.39 0.00
LACHUTE____HYDRO 323717	17.47 1.07 0.00	18.08 1.07 0.00	18.68 1.15 0.00	15.17 0.99 0.00	18.92 1.27 0.00	17.75 1.24 0.00	19.56 1.17 0.00	18.74 1.18 0.00	18.94 1.33 0.00	16.99 1.31 0.00	16.39 1.11 0.00	14.01 0.79 0.00	11.15 0.50 0.00	9.65 0.40 0.00	11.12 0.63 0.00	10.96 0.57 0.00	15.31 0.84 0.00	21.10 1.30 0.00	24.90 1.72 0.00	24.63 1.73 0.00	22.34 1.40 0.00	24.00 1.56 0.00	24.23 1.29 0.00	19.54 0.86 0.00
LAWRNCV_115KV_TB1 80681	16.03 -0.38 0.00	16.58 -0.43 0.00	17.06 -0.48 0.00	13.75 -0.44 0.00	17.05 -0.61 0.00	15.97 -0.54 0.00	17.80 -0.59 0.00	16.96 -0.60 0.00	17.09 -0.51 0.00	15.16 -0.53 0.00	14.83 -0.45 0.00	12.84 -0.37 0.00	10.35 -0.29 0.00	9.02 -0.23 0.00	10.17 -0.32 0.00	10.05 -0.34 0.00	13.97 -0.50 0.00	19.20 -0.60 0.00	22.53 -0.65 0.00	22.22 -0.68 0.00	20.30 -0.64 0.00	21.87 -0.57 0.00	22.39 -0.56 0.00	18.14 -0.54 0.00
LEDERLE____ 23769	17.03 0.63 0.00	17.60 0.59 0.00	18.11 0.58 0.00	14.67 0.48 0.00	18.29 0.63 0.00	17.07 0.57 0.00	19.12 0.73 0.00	18.32 0.76 0.00	18.33 0.72 0.00	16.36 0.68 0.00	15.95 0.67 0.00	13.78 0.56 0.00	11.07 0.43 0.00	9.59 0.35 0.00	10.94 0.45 0.00	10.88 0.48 0.00	15.14 0.67 0.00	20.79 0.99 0.00	24.39 1.20 0.00	24.14 1.24 0.00	22.08 1.13 0.00	23.54 1.10 0.00	24.01 1.06 0.00	19.43 0.75 0.00
LIGHTHSE_115KV_TB6 355974	16.12 -0.28 0.00	16.65 -0.36 0.00	17.24 -0.30 0.00	13.87 -0.32 0.00	17.16 -0.49 0.00	16.07 -0.43 0.00	17.89 -0.51 0.00	17.13 -0.43 0.00	17.21 -0.40 0.00	15.20 -0.48 0.00	14.84 -0.44 0.00	12.73 -0.48 0.00	10.27 -0.37 0.00	8.91 -0.34 0.00	10.10 -0.39 0.00	9.98 -0.42 0.00	13.89 -0.58 0.00	19.03 -0.77 0.00	22.44 -0.74 0.00	22.33 -0.57 0.00	20.44 -0.50 0.00	21.98 -0.47 0.00	22.45 -0.49 0.00	18.37 -0.31 0.00
LINDEN COGEN____ 23786	16.98 0.58 0.00	17.54 0.53 0.00	18.03 0.50 0.00	14.61 0.43 0.00	18.21 0.56 0.00	16.99 0.48 0.00	19.02 0.63 0.00	18.27 0.71 0.00	18.29 0.68 0.00	16.32 0.64 0.00	15.92 0.64 0.00	13.75 0.54 0.00	11.06 0.41 0.00	9.58 0.33 0.00	10.94 0.44 0.00	10.87 0.47 0.00	15.11 0.64 0.00	20.71 0.90 0.00	24.32 1.14 0.00	24.11 1.21 0.00	22.05 1.11 0.00	23.47 1.03 0.00	23.92 0.98 0.00	19.34 0.66 0.00
LINDHRST_69_KV_BK1 356055	17.36 0.96 0.00	17.94 0.93 0.00	18.42 0.89 0.00	14.91 0.72 0.00	18.57 0.91 0.00	17.31 0.80 0.00	19.35 0.95 0.00	18.55 0.99 0.00	18.50 0.89 0.00	16.47 0.79 0.00	16.11 0.83 0.00	13.87 0.66 0.00	11.13 0.49 0.00	9.64 0.39 0.00	11.00 0.51 0.00	10.99 0.60 0.00	15.33 0.86 0.00	21.04 1.24 0.00	24.74 1.56 0.00	24.41 1.51 0.00	22.39 1.45 0.00	23.94 1.50 0.00	24.37 1.43 0.00	19.71 1.03 0.00
LIPA_MISC_IPP 23656	17.30 0.90 0.00	17.87 0.86 0.00	18.35 0.81 0.00	14.85 0.67 0.00	18.49 0.83 0.00	17.23 0.73 0.00	19.25 0.85 0.00	18.44 0.88 0.00	18.33 0.72 0.00	16.25 0.57 0.00	15.90 0.62 0.00	13.66 0.45 0.00	10.97 0.33 0.00	9.49 0.24 0.00	10.85 0.35 0.00	10.86 0.47 0.00	15.16 0.69 0.00	20.79 0.99 0.00	24.47 1.29 0.00	24.04 1.14 0.00	22.05 1.11 0.00	23.70 1.25 0.00	24.09 1.14 0.00	19.53 0.85 0.00
LISF____SOLAR 323691	17.33 0.92 0.00	17.90 0.89 0.00	18.37 0.84 0.00	14.88 0.69 0.00	18.52 0.86 0.00	17.26 0.75 0.00	19.28 0.88 0.00	18.47 0.91 0.00	18.35 0.74 0.00	16.27 0.58 0.00	15.90 0.62 0.00	13.66 0.45 0.00	10.97 0.33 0.00	9.49 0.24 0.00	10.85 0.36 0.00	10.87 0.47 0.00	15.17 0.70 0.00	20.81 1.01 0.00	24.50 1.32 0.00	24.07 1.18 0.00	22.08 1.14 0.00	23.74 1.30 0.00	24.12 1.18 0.00	19.57 0.88 0.00
LITTLE FALLS____HYD 24013	16.10 -0.30 0.00	16.60 -0.41 0.00	17.04 -0.49 0.00	13.84 -0.35 0.00	17.45 -0.21 0.00	16.28 -0.23 0.00	18.13 -0.26 0.00	17.37 -0.19 0.00	17.39 -0.21 0.00	15.58 -0.10 0.00	15.16 -0.12 0.00	13.10 -0.11 0.00	10.47 -0.17 0.00	9.03 -0.21 0.00	10.31 -0.18 0.00	10.17 -0.22 0.00	14.18 -0.29 0.00	19.57 -0.24 0.00	23.06 -0.12 0.00	23.00 0.10 0.00	20.86 -0.07 0.00	22.39 -0.05 0.00	22.79 -0.15 0.00	18.41 -0.27 0.00
LITTLRIV_115KV_TB1 356100	16.24 -0.17 0.00	16.80 -0.21 0.00	17.28 -0.26 0.00	13.92 -0.26 0.00	17.26 -0.40 0.00	16.18 -0.33 0.00	18.04 -0.35 0.00	17.19 -0.37 0.00	17.32 -0.29 0.00	15.33 -0.35 0.00	14.97 -0.31 0.00	12.97 -0.24 0.00	10.47 -0.18 0.00	9.11 -0.14 0.00	10.28 -0.21 0.00	10.16 -0.24 0.00	14.13 -0.34 0.00	19.47 -0.33 0.00	22.87 -0.31 0.00	22.58 -0.32 0.00	20.62 -0.32 0.00	22.21 -0.24 0.00	22.72 -0.22 0.00	18.40 -0.28 0.00

LI_NEWBRDGE___DRP 323616	17.13 0.73 0.00	17.70 0.69 0.00	18.19 0.66 0.00	14.73 0.55 0.00	18.35 0.69 0.00	17.11 0.60 0.00	19.12 0.73 0.00	18.34 0.78 0.00	18.31 0.70 0.00	16.32 0.64 0.00	15.96 0.68 0.00	13.76 0.55 0.00	11.05 0.41 0.00	9.57 0.32 0.00	10.92 0.43 0.00	10.89 0.49 0.00	15.18 0.71 0.00	20.80 0.99 0.00	24.43 1.25 0.00	24.12 1.23 0.00	22.10 1.16 0.00	23.62 1.17 0.00	24.05 1.11 0.00	19.46 0.78 0.00
LOCKPORT_115KV_TB60_63_64 80432	15.37 -1.04 0.00	16.18 -0.83 0.00	16.70 -0.84 0.00	13.45 -0.73 0.00	16.61 -1.04 0.00	15.65 -0.86 0.00	17.25 -1.14 0.00	16.31 -1.26 0.00	16.20 -1.41 0.00	14.14 -1.54 0.00	13.67 -1.61 0.00	11.68 -1.53 0.00	9.54 -1.11 0.00	8.40 -0.85 0.00	9.50 -0.99 0.00	9.59 -0.81 0.00	13.39 -1.08 0.00	18.12 -1.69 0.00	21.06 -2.12 0.00	20.66 -2.24 0.00	19.07 -1.87 0.00	20.54 -1.90 0.00	21.28 -1.66 0.00	18.05 -0.63 0.00
LOCKPORT___CC1 323769	15.36 -1.04 0.00	16.17 -0.84 0.00	16.69 -0.84 0.00	13.45 -0.74 0.00	16.61 -1.05 0.00	15.64 -0.87 0.00	17.25 -1.15 0.00	16.31 -1.25 0.00	16.18 -1.42 0.00	14.14 -1.54 0.00	13.66 -1.62 0.00	11.68 -1.53 0.00	9.53 -1.11 0.00	8.39 -0.85 0.00	9.49 -1.00 0.00	9.57 -0.82 0.00	13.38 -1.09 0.00	18.10 -1.70 0.00	21.05 -2.13 0.00	20.64 -2.26 0.00	19.05 -1.89 0.00	20.53 -1.91 0.00	21.27 -1.67 0.00	18.03 -0.66 0.00
LOCKPORT___CC2 323770	15.36 -1.04 0.00	16.17 -0.84 0.00	16.69 -0.84 0.00	13.45 -0.74 0.00	16.61 -1.05 0.00	15.64 -0.87 0.00	17.25 -1.15 0.00	16.31 -1.25 0.00	16.18 -1.42 0.00	14.14 -1.54 0.00	13.66 -1.62 0.00	11.68 -1.53 0.00	9.53 -1.11 0.00	8.39 -0.85 0.00	9.49 -1.00 0.00	9.57 -0.82 0.00	13.38 -1.09 0.00	18.10 -1.70 0.00	21.05 -2.13 0.00	20.64 -2.26 0.00	19.05 -1.89 0.00	20.53 -1.91 0.00	21.27 -1.67 0.00	18.03 -0.66 0.00
LOCKPORT___CC3 323771	15.36 -1.04 0.00	16.17 -0.84 0.00	16.69 -0.84 0.00	13.45 -0.74 0.00	16.61 -1.05 0.00	15.64 -0.87 0.00	17.25 -1.15 0.00	16.31 -1.25 0.00	16.18 -1.42 0.00	14.14 -1.54 0.00	13.66 -1.62 0.00	11.68 -1.53 0.00	9.53 -1.11 0.00	8.39 -0.85 0.00	9.49 -1.00 0.00	9.57 -0.82 0.00	13.38 -1.09 0.00	18.10 -1.70 0.00	21.05 -2.13 0.00	20.64 -2.26 0.00	19.05 -1.89 0.00	20.53 -1.91 0.00	21.27 -1.67 0.00	18.03 -0.66 0.00
LONG_LAKE_PHOENIX 24014	16.17 -0.23 0.00	16.80 -0.21 0.00	17.33 -0.21 0.00	14.01 -0.18 0.00	17.42 -0.23 0.00	16.30 -0.20 0.00	18.16 -0.23 0.00	17.36 -0.20 0.00	17.37 -0.23 0.00	15.44 -0.24 0.00	15.02 -0.26 0.00	12.95 -0.27 0.00	10.47 -0.18 0.00	9.08 -0.17 0.00	10.30 -0.19 0.00	10.21 -0.19 0.00	14.23 -0.24 0.00	19.41 -0.40 0.00	22.71 -0.47 0.00	22.47 -0.43 0.00	20.58 -0.35 0.00	22.03 -0.41 0.00	22.52 -0.42 0.00	18.43 -0.26 0.00
LOVETT___3 23632	16.94 0.54 0.00	17.52 0.51 0.00	18.02 0.49 0.00	14.60 0.42 0.00	18.20 0.54 0.00	16.99 0.49 0.00	19.03 0.63 0.00	18.23 0.67 0.00	18.24 0.63 0.00	16.29 0.61 0.00	15.87 0.59 0.00	13.71 0.50 0.00	11.02 0.37 0.00	9.54 0.30 0.00	10.89 0.40 0.00	10.82 0.43 0.00	15.06 0.59 0.00	20.68 0.87 0.00	24.25 1.06 0.00	24.00 1.10 0.00	21.95 1.01 0.00	23.41 0.97 0.00	23.87 0.92 0.00	19.33 0.64 0.00
LOVETT___4 23642	16.94 0.54 0.00	17.52 0.51 0.00	18.02 0.49 0.00	14.60 0.42 0.00	18.20 0.54 0.00	16.99 0.49 0.00	19.03 0.63 0.00	18.23 0.67 0.00	18.24 0.63 0.00	16.29 0.61 0.00	15.87 0.59 0.00	13.71 0.50 0.00	11.02 0.37 0.00	9.54 0.30 0.00	10.89 0.40 0.00	10.82 0.43 0.00	15.06 0.59 0.00	20.68 0.87 0.00	24.25 1.06 0.00	24.00 1.10 0.00	21.95 1.01 0.00	23.41 0.97 0.00	23.87 0.92 0.00	19.33 0.64 0.00
LOVETT___5 23593	16.94 0.54 0.00	17.52 0.51 0.00	18.02 0.49 0.00	14.60 0.42 0.00	18.20 0.54 0.00	16.99 0.49 0.00	19.03 0.63 0.00	18.23 0.67 0.00	18.24 0.63 0.00	16.29 0.61 0.00	15.87 0.59 0.00	13.71 0.50 0.00	11.02 0.37 0.00	9.54 0.30 0.00	10.89 0.40 0.00	10.82 0.43 0.00	15.06 0.59 0.00	20.68 0.87 0.00	24.25 1.06 0.00	24.00 1.10 0.00	21.95 1.01 0.00	23.41 0.97 0.00	23.87 0.92 0.00	19.33 0.64 0.00
LOWER RAQUET___HYD 24057	15.93 -0.47 0.00	16.47 -0.54 0.00	16.95 -0.58 0.00	13.65 -0.53 0.00	16.92 -0.74 0.00	15.85 -0.65 0.00	17.68 -0.72 0.00	16.85 -0.71 0.00	16.99 -0.62 0.00	15.06 -0.62 0.00	14.73 -0.55 0.00	12.75 -0.46 0.00	10.28 -0.36 0.00	8.95 -0.30 0.00	10.10 -0.39 0.00	9.97 -0.42 0.00	13.86 -0.61 0.00	19.06 -0.75 0.00	22.37 -0.81 0.00	22.08 -0.82 0.00	20.16 -0.78 0.00	21.73 -0.71 0.00	22.24 -0.70 0.00	18.01 -0.67 0.00
LOWER___HUDSON 24059	16.68 0.28 0.00	17.28 0.27 0.00	17.84 0.31 0.00	14.45 0.27 0.00	18.02 0.36 0.00	16.82 0.31 0.00	18.74 0.35 0.00	17.91 0.35 0.00	18.01 0.40 0.00	16.12 0.44 0.00	15.67 0.39 0.00	13.56 0.35 0.00	10.88 0.23 0.00	9.42 0.17 0.00	10.71 0.21 0.00	10.61 0.21 0.00	14.75 0.29 0.00	20.25 0.45 0.00	23.74 0.55 0.00	23.47 0.57 0.00	21.37 0.43 0.00	22.89 0.44 0.00	23.33 0.39 0.00	18.93 0.24 0.00
LOWVILLE_115KV_TB2 356335	16.14 -0.26 0.00	16.52 -0.49 0.00	17.18 -0.36 0.00	13.70 -0.48 0.00	16.80 -0.85 0.00	15.77 -0.74 0.00	17.59 -0.80 0.00	16.91 -0.65 0.00	17.17 -0.44 0.00	15.03 -0.65 0.00	14.66 -0.62 0.00	12.59 -0.63 0.00	10.07 -0.57 0.00	8.73 -0.52 0.00	9.85 -0.64 0.00	9.73 -0.66 0.00	13.54 -0.93 0.00	18.73 -1.07 0.00	22.22 -0.96 0.00	22.30 -0.60 0.00	20.46 -0.48 0.00	22.13 -0.31 0.00	22.58 -0.37 0.00	18.44 -0.25 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	16.88 0.49 0.00	17.49 0.48 0.00	18.05 0.51 0.00	14.61 0.43 0.00	18.22 0.56 0.00	17.03 0.52 0.00	18.96 0.57 0.00	18.14 0.57 0.00	18.23 0.62 0.00	16.28 0.60 0.00	15.83 0.55 0.00	13.69 0.48 0.00	10.98 0.34 0.00	9.52 0.27 0.00	10.80 0.31 0.00	10.70 0.31 0.00	14.90 0.43 0.00	20.48 0.68 0.00	24.08 0.89 0.00	23.83 0.93 0.00	21.70 0.76 0.00	23.23 0.79 0.00	23.65 0.70 0.00	19.16 0.48 0.00
LUTHERNY_35_KV_BK2 355980	16.88 0.48 0.00	17.50 0.49 0.00	18.06 0.53 0.00	14.61 0.42 0.00	18.22 0.57 0.00	17.03 0.52 0.00	18.95 0.56 0.00	18.14 0.58 0.00	18.24 0.63 0.00	16.29 0.61 0.00	15.83 0.55 0.00	13.69 0.47 0.00	10.98 0.34 0.00	9.52 0.27 0.00	10.80 0.31 0.00	10.70 0.31 0.00	14.90 0.43 0.00	20.49 0.69 0.00	24.10 0.92 0.00	23.84 0.94 0.00	21.70 0.76 0.00	23.24 0.80 0.00	23.65 0.71 0.00	19.15 0.47 0.00
LWR___OSWEGATCHIE_HYD 23850	15.84 -0.56 0.00	16.29 -0.72 0.00	16.86 -0.68 0.00	13.51 -0.68 0.00	16.66 -1.00 0.00	15.61 -0.89 0.00	17.42 -0.97 0.00	16.67 -0.88 0.00	16.87 -0.74 0.00	14.85 -0.83 0.00	14.51 -0.77 0.00	12.49 -0.72 0.00	10.05 -0.60 0.00	8.72 -0.53 0.00	9.85 -0.64 0.00	9.72 -0.67 0.00	13.51 -0.96 0.00	18.65 -1.15 0.00	22.02 -1.16 0.00	21.92 -0.98 0.00	20.06 -0.88 0.00	21.65 -0.79 0.00	22.12 -0.82 0.00	17.99 -0.70 0.00

LYONS_FALL_HYD 23570	16.34 -0.06 0.00	16.81 -0.20 0.00	17.41 -0.12 0.00	13.97 -0.22 0.00	17.23 -0.43 0.00	16.15 -0.36 0.00	18.01 -0.38 0.00	17.28 -0.28 0.00	17.47 -0.14 0.00	15.40 -0.28 0.00	15.01 -0.27 0.00	12.91 -0.30 0.00	10.36 -0.29 0.00	8.99 -0.26 0.00	10.16 -0.33 0.00	10.04 -0.35 0.00	13.98 -0.49 0.00	19.31 -0.50 0.00	22.79 -0.39 0.00	22.74 -0.15 0.00	20.84 -0.10 0.00	22.44 0.00 0.00	22.90 -0.05 0.00	18.68 -0.01 0.00
MADISON___COUNTY_LFGE 323628	16.67 0.27 0.00	17.26 0.25 0.00	17.80 0.27 0.00	14.39 0.20 0.00	17.88 0.22 0.00	16.73 0.23 0.00	18.67 0.28 0.00	17.88 0.31 0.00	17.94 0.33 0.00	15.95 0.27 0.00	15.54 0.26 0.00	13.37 0.16 0.00	10.75 0.10 0.00	9.35 0.11 0.00	10.60 0.11 0.00	10.49 0.10 0.00	14.61 0.15 0.00	20.15 0.34 0.00	23.64 0.46 0.00	23.43 0.53 0.00	21.44 0.50 0.00	22.95 0.51 0.00	23.42 0.48 0.00	19.11 0.42 0.00
MALONE___115KV_TB1 356076	16.66 0.26 0.00	17.22 0.21 0.00	17.66 0.13 0.00	14.23 0.04 0.00	17.64 -0.02 0.00	16.56 0.05 0.00	18.52 0.12 0.00	17.70 0.14 0.00	17.89 0.28 0.00	15.91 0.24 0.00	15.55 0.28 0.00	13.43 0.22 0.00	10.85 0.21 0.00	9.46 0.21 0.00	10.62 0.13 0.00	10.55 0.15 0.00	14.40 -0.07 0.00	19.62 -0.18 0.00	22.98 -0.20 0.00	22.55 -0.35 0.00	20.54 -0.40 0.00	22.11 -0.33 0.00	22.66 -0.29 0.00	18.28 -0.40 0.00
MAPLEWOD_115KV_TB3 80458	16.77 0.37 0.00	17.37 0.36 0.00	17.92 0.39 0.00	14.51 0.33 0.00	18.09 0.43 0.00	16.89 0.39 0.00	18.82 0.43 0.00	17.98 0.42 0.00	18.06 0.46 0.00	16.15 0.47 0.00	15.72 0.44 0.00	13.61 0.40 0.00	10.93 0.29 0.00	9.47 0.22 0.00	10.77 0.28 0.00	10.67 0.27 0.00	14.84 0.37 0.00	20.35 0.55 0.00	23.84 0.66 0.00	23.59 0.70 0.00	21.50 0.56 0.00	23.01 0.57 0.00	23.48 0.54 0.00	19.06 0.37 0.00
MAPLE_RIDGE_WT_1 323574	16.07 -0.33 0.00	16.64 -0.37 0.00	17.25 -0.28 0.00	13.89 -0.29 0.00	17.21 -0.45 0.00	16.15 -0.36 0.00	17.85 -0.54 0.00	17.07 -0.49 0.00	17.28 -0.33 0.00	15.34 -0.34 0.00	14.96 -0.32 0.00	12.91 -0.31 0.00	10.33 -0.31 0.00	8.97 -0.28 0.00	10.14 -0.35 0.00	10.04 -0.36 0.00	13.98 -0.49 0.00	19.17 -0.63 0.00	22.53 -0.65 0.00	22.39 -0.51 0.00	20.52 -0.42 0.00	22.09 -0.36 0.00	22.63 -0.31 0.00	18.44 -0.24 0.00
MAPLE_RIDGE_WT_2 323611	16.07 -0.33 0.00	16.64 -0.37 0.00	17.25 -0.28 0.00	13.89 -0.29 0.00	17.21 -0.45 0.00	16.15 -0.36 0.00	17.85 -0.54 0.00	17.07 -0.49 0.00	17.28 -0.33 0.00	15.34 -0.34 0.00	14.96 -0.32 0.00	12.91 -0.31 0.00	10.33 -0.31 0.00	8.97 -0.28 0.00	10.14 -0.35 0.00	10.04 -0.36 0.00	13.98 -0.49 0.00	19.17 -0.63 0.00	22.53 -0.65 0.00	22.39 -0.51 0.00	20.52 -0.42 0.00	22.09 -0.36 0.00	22.63 -0.31 0.00	18.44 -0.24 0.00
MARBLE_RIVER_WT_PWR 323696	16.35 -0.06 0.00	16.95 -0.06 0.00	17.46 -0.07 0.00	14.16 -0.02 0.00	17.65 0.00 0.00	16.46 -0.05 0.00	18.31 -0.08 0.00	17.13 -0.43 0.00	17.30 -0.30 0.00	15.38 -0.30 0.00	14.98 -0.30 0.00	13.06 -0.16 0.00	10.54 -0.10 0.00	9.19 -0.06 0.00	10.25 -0.24 0.00	10.09 -0.31 0.00	14.13 -0.34 0.00	19.44 -0.36 0.00	22.74 -0.45 0.00	22.23 -0.66 0.00	20.23 -0.71 0.00	21.77 -0.67 0.00	22.34 -0.60 0.00	18.03 -0.65 0.00
MARSHVLE_115KV_TB1 80742	17.17 0.77 0.00	17.79 0.78 0.00	18.28 0.74 0.00	14.78 0.60 0.00	18.48 0.83 0.00	17.30 0.80 0.00	19.25 0.85 0.00	18.34 0.78 0.00	18.41 0.81 0.00	16.30 0.62 0.00	15.84 0.56 0.00	13.79 0.58 0.00	11.04 0.40 0.00	9.61 0.36 0.00	10.87 0.38 0.00	10.79 0.39 0.00	15.05 0.58 0.00	20.60 0.80 0.00	24.29 1.10 0.00	24.12 1.22 0.00	22.07 1.13 0.00	23.73 1.29 0.00	24.26 1.31 0.00	19.80 1.12 0.00
MARSH_HILL_WT_PWR 323713	15.17 -1.23 0.00	16.44 -0.57 0.00	17.21 -0.32 0.00	13.87 -0.31 0.00	17.32 -0.34 0.00	15.86 -0.65 0.00	17.48 -0.91 0.00	16.70 -0.86 0.00	16.58 -1.02 0.00	14.81 -0.87 0.00	14.45 -0.83 0.00	12.14 -1.07 0.00	9.87 -0.77 0.00	8.59 -0.66 0.00	9.86 -0.64 0.00	9.84 -0.55 0.00	14.06 -0.41 0.00	19.27 -0.53 0.00	22.73 -0.46 0.00	22.38 -0.52 0.00	20.94 0.00 0.00	22.41 -0.04 0.00	22.89 -0.06 0.00	18.80 0.11 0.00
MCINTYRE_115KV_TB2 80467	16.46 0.06 0.00	17.05 0.04 0.00	17.53 -0.01 0.00	14.13 -0.05 0.00	17.54 -0.12 0.00	16.43 -0.07 0.00	18.33 -0.06 0.00	17.45 -0.11 0.00	17.56 -0.05 0.00	15.53 -0.15 0.00	15.16 -0.12 0.00	13.14 -0.08 0.00	10.61 -0.04 0.00	9.23 -0.02 0.00	10.42 -0.07 0.00	10.30 -0.09 0.00	14.37 -0.10 0.00	19.77 -0.04 0.00	23.23 0.05 0.00	22.95 0.05 0.00	20.96 0.02 0.00	22.56 0.12 0.00	23.09 0.14 0.00	18.69 0.01 0.00
MECO_____69_KV_BK1 80468	17.76 1.36 0.00	18.38 1.37 0.00	18.90 1.37 0.00	15.28 1.09 0.00	19.08 1.42 0.00	17.87 1.37 0.00	19.92 1.52 0.00	19.05 1.49 0.00	19.19 1.58 0.00	16.92 1.24 0.00	16.32 1.04 0.00	14.29 1.08 0.00	11.30 0.66 0.00	9.86 0.62 0.00	11.10 0.61 0.00	10.94 0.54 0.00	15.46 1.00 0.00	21.23 1.43 0.00	25.36 2.18 0.00	25.28 2.38 0.00	23.11 2.17 0.00	24.74 2.30 0.00	25.20 2.26 0.00	20.45 1.77 0.00
MENANDS___115KV_TB5 355628	16.75 0.34 0.00	17.34 0.33 0.00	17.91 0.37 0.00	14.50 0.31 0.00	18.07 0.42 0.00	16.87 0.37 0.00	18.80 0.41 0.00	17.96 0.40 0.00	18.04 0.43 0.00	16.14 0.46 0.00	15.71 0.43 0.00	13.60 0.39 0.00	10.92 0.28 0.00	9.46 0.21 0.00	10.76 0.27 0.00	10.66 0.27 0.00	14.83 0.36 0.00	20.34 0.53 0.00	23.81 0.63 0.00	23.54 0.64 0.00	21.45 0.51 0.00	22.97 0.52 0.00	23.43 0.49 0.00	19.02 0.34 0.00
MG INDUSTRY___DRP 24185	16.77 0.37 0.00	17.38 0.37 0.00	17.94 0.40 0.00	14.52 0.34 0.00	18.11 0.45 0.00	16.89 0.39 0.00	18.83 0.43 0.00	17.98 0.42 0.00	18.02 0.41 0.00	16.02 0.34 0.00	15.61 0.33 0.00	13.55 0.34 0.00	10.91 0.26 0.00	9.46 0.21 0.00	10.73 0.24 0.00	10.65 0.26 0.00	14.82 0.35 0.00	20.31 0.51 0.00	23.79 0.61 0.00	23.55 0.64 0.00	21.47 0.53 0.00	22.98 0.54 0.00	23.46 0.52 0.00	19.07 0.38 0.00
MID___OSWEGATCHIE_HYD 23849	15.84 -0.56 0.00	16.29 -0.72 0.00	16.86 -0.68 0.00	13.51 -0.68 0.00	16.66 -1.00 0.00	15.61 -0.89 0.00	17.42 -0.97 0.00	16.67 -0.88 0.00	16.87 -0.74 0.00	14.85 -0.83 0.00	14.51 -0.77 0.00	12.49 -0.72 0.00	10.05 -0.60 0.00	8.72 -0.53 0.00	9.85 -0.64 0.00	9.72 -0.67 0.00	13.51 -0.96 0.00	18.65 -1.15 0.00	22.02 -1.16 0.00	21.92 -0.98 0.00	20.06 -0.88 0.00	21.65 -0.79 0.00	22.12 -0.82 0.00	17.99 -0.70 0.00
MID___RAQUETTE_HYD 23851	15.93 -0.47 0.00	16.47 -0.54 0.00	16.95 -0.58 0.00	13.65 -0.53 0.00	16.92 -0.74 0.00	15.85 -0.65 0.00	17.68 -0.72 0.00	16.85 -0.71 0.00	16.99 -0.62 0.00	15.06 -0.62 0.00	14.73 -0.55 0.00	12.75 -0.46 0.00	10.28 -0.36 0.00	8.95 -0.30 0.00	10.10 -0.39 0.00	9.97 -0.42 0.00	13.86 -0.61 0.00	19.06 -0.75 0.00	22.37 -0.81 0.00	22.08 -0.82 0.00	20.16 -0.78 0.00	21.73 -0.71 0.00	22.24 -0.70 0.00	18.01 -0.67 0.00

MILLIKEN___1 23584	16.51 0.11 0.00	17.16 0.15 0.00	17.73 0.19 0.00	14.33 0.15 0.00	17.86 0.20 0.00	16.72 0.22 0.00	18.65 0.25 0.00	17.81 0.25 0.00	17.82 0.21 0.00	15.83 0.15 0.00	15.37 0.09 0.00	13.20 -0.01 0.00	10.66 0.02 0.00	9.28 0.03 0.00	10.53 0.04 0.00	10.43 0.03 0.00	14.60 0.13 0.00	20.04 0.24 0.00	23.48 0.30 0.00	23.23 0.34 0.00	21.30 0.36 0.00	22.77 0.33 0.00	23.29 0.35 0.00	19.05 0.37 0.00
MILLIKEN___2 23585	16.51 0.11 0.00	17.16 0.15 0.00	17.73 0.19 0.00	14.33 0.15 0.00	17.86 0.20 0.00	16.72 0.22 0.00	18.65 0.25 0.00	17.81 0.25 0.00	17.82 0.21 0.00	15.83 0.15 0.00	15.37 0.09 0.00	13.20 -0.01 0.00	10.66 0.02 0.00	9.28 0.03 0.00	10.53 0.04 0.00	10.43 0.03 0.00	14.60 0.13 0.00	20.04 0.24 0.00	23.48 0.30 0.00	23.23 0.34 0.00	21.30 0.36 0.00	22.77 0.33 0.00	23.29 0.35 0.00	19.05 0.37 0.00
MILLIKEN___DIESEL 23629	16.51 0.11 0.00	17.16 0.15 0.00	17.73 0.19 0.00	14.33 0.15 0.00	17.86 0.20 0.00	16.72 0.22 0.00	18.65 0.25 0.00	17.81 0.25 0.00	17.82 0.21 0.00	15.83 0.15 0.00	15.37 0.09 0.00	13.20 -0.01 0.00	10.66 0.02 0.00	9.28 0.03 0.00	10.53 0.04 0.00	10.43 0.03 0.00	14.60 0.13 0.00	20.04 0.24 0.00	23.48 0.30 0.00	23.23 0.34 0.00	21.30 0.36 0.00	22.77 0.33 0.00	23.29 0.35 0.00	19.05 0.37 0.00
MILLSEAT___LFGE 323607	15.65 -0.75 0.00	16.45 -0.56 0.00	16.98 -0.55 0.00	13.68 -0.50 0.00	16.92 -0.74 0.00	15.93 -0.58 0.00	17.59 -0.80 0.00	16.67 -0.89 0.00	16.56 -1.05 0.00	14.45 -1.23 0.00	13.95 -1.33 0.00	11.93 -1.28 0.00	9.76 -0.89 0.00	8.58 -0.67 0.00	9.72 -0.77 0.00	9.85 -0.54 0.00	13.65 -0.82 0.00	18.55 -1.26 0.00	21.62 -1.56 0.00	21.25 -1.65 0.00	19.59 -1.35 0.00	21.07 -1.37 0.00	21.77 -1.17 0.00	18.36 -0.32 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	16.98 0.58 0.00	17.55 0.54 0.00	18.07 0.53 0.00	14.63 0.45 0.00	18.24 0.58 0.00	17.02 0.51 0.00	19.05 0.65 0.00	18.26 0.70 0.00	18.27 0.66 0.00	16.32 0.64 0.00	15.92 0.64 0.00	13.75 0.53 0.00	11.05 0.40 0.00	9.57 0.32 0.00	10.92 0.42 0.00	10.85 0.46 0.00	15.10 0.63 0.00	20.71 0.91 0.00	24.29 1.11 0.00	24.06 1.16 0.00	22.00 1.06 0.00	23.46 1.02 0.00	23.90 0.96 0.00	19.35 0.66 0.00
MILLWOOD_13_KV_LOAD 356217	17.01 0.61 0.00	17.59 0.57 0.00	18.10 0.56 0.00	14.66 0.47 0.00	18.27 0.61 0.00	17.05 0.55 0.00	19.08 0.69 0.00	18.30 0.74 0.00	18.31 0.70 0.00	16.36 0.68 0.00	15.95 0.67 0.00	13.77 0.56 0.00	11.07 0.42 0.00	9.59 0.34 0.00	10.94 0.45 0.00	10.87 0.48 0.00	15.13 0.66 0.00	20.76 0.95 0.00	24.35 1.17 0.00	24.12 1.23 0.00	22.05 1.11 0.00	23.51 1.07 0.00	23.96 1.02 0.00	19.38 0.70 0.00
MODEL_CITY_ENERGY 24167	15.21 -1.19 0.00	16.01 -1.00 0.00	16.53 -1.01 0.00	13.32 -0.87 0.00	16.44 -1.22 0.00	15.49 -1.02 0.00	17.06 -1.33 0.00	16.12 -1.44 0.00	16.01 -1.60 0.00	13.99 -1.70 0.00	13.52 -1.76 0.00	11.56 -1.65 0.00	9.43 -1.22 0.00	8.31 -0.94 0.00	9.39 -1.11 0.00	9.45 -0.94 0.00	13.23 -1.23 0.00	17.89 -1.91 0.00	20.80 -2.38 0.00	20.38 -2.51 0.00	18.81 -2.13 0.00	20.28 -2.17 0.00	21.01 -1.93 0.00	17.83 -0.85 0.00
MODERN_LFGE___ 323580	15.21 -1.19 0.00	16.01 -1.00 0.00	16.53 -1.01 0.00	13.32 -0.87 0.00	16.44 -1.22 0.00	15.49 -1.02 0.00	17.06 -1.33 0.00	16.12 -1.44 0.00	16.01 -1.60 0.00	13.99 -1.70 0.00	13.52 -1.76 0.00	11.56 -1.65 0.00	9.43 -1.22 0.00	8.31 -0.94 0.00	9.39 -1.11 0.00	9.45 -0.94 0.00	13.23 -1.23 0.00	17.89 -1.91 0.00	20.80 -2.38 0.00	20.38 -2.51 0.00	18.81 -2.13 0.00	20.28 -2.17 0.00	21.01 -1.93 0.00	17.83 -0.85 0.00
MOHAWK_PAPER___DRP 24187	16.77 0.37 0.00	17.37 0.36 0.00	17.92 0.39 0.00	14.51 0.33 0.00	18.09 0.43 0.00	16.89 0.39 0.00	18.82 0.43 0.00	17.98 0.42 0.00	18.06 0.46 0.00	16.15 0.47 0.00	15.72 0.44 0.00	13.61 0.40 0.00	10.93 0.29 0.00	9.47 0.22 0.00	10.77 0.28 0.00	10.67 0.27 0.00	14.84 0.37 0.00	20.35 0.55 0.00	23.84 0.66 0.00	23.59 0.70 0.00	21.50 0.56 0.00	23.01 0.57 0.00	23.48 0.54 0.00	19.06 0.37 0.00
MOHICAN___35_KV_115KV_LD 80490	16.96 0.56 0.00	17.56 0.54 0.00	18.12 0.59 0.00	14.68 0.50 0.00	18.31 0.65 0.00	17.12 0.61 0.00	19.03 0.63 0.00	18.21 0.66 0.00	18.35 0.74 0.00	16.41 0.73 0.00	15.93 0.65 0.00	13.74 0.53 0.00	10.99 0.35 0.00	9.53 0.28 0.00	10.86 0.37 0.00	10.74 0.34 0.00	14.95 0.48 0.00	20.57 0.76 0.00	24.23 1.05 0.00	23.98 1.08 0.00	21.82 0.88 0.00	23.36 0.92 0.00	23.73 0.78 0.00	19.19 0.51 0.00
MONGAUP___HYD 23641	16.90 0.50 0.00	17.42 0.41 0.00	17.94 0.40 0.00	14.52 0.33 0.00	18.10 0.45 0.00	16.89 0.38 0.00	18.77 0.38 0.00	17.98 0.42 0.00	18.01 0.40 0.00	16.02 0.33 0.00	15.53 0.25 0.00	13.44 0.22 0.00	10.81 0.17 0.00	9.37 0.12 0.00	10.66 0.17 0.00	10.63 0.23 0.00	14.72 0.25 0.00	20.27 0.47 0.00	23.85 0.67 0.00	23.69 0.80 0.00	21.67 0.73 0.00	23.15 0.71 0.00	23.63 0.69 0.00	19.09 0.41 0.00
MONTAUK___DIESEL 23721	17.24 0.84 0.00	17.81 0.80 0.00	18.27 0.73 0.00	14.80 0.61 0.00	18.42 0.76 0.00	17.18 0.67 0.00	19.22 0.82 0.00	18.42 0.86 0.00	18.31 0.70 0.00	16.19 0.51 0.00	15.81 0.53 0.00	13.68 0.46 0.00	10.99 0.35 0.00	9.46 0.21 0.00	10.84 0.35 0.00	10.86 0.47 0.00	15.18 0.71 0.00	20.71 0.90 0.00	24.43 1.25 0.00	24.28 1.38 0.00	22.29 1.35 0.00	24.08 1.64 0.00	24.49 1.55 0.00	19.97 1.29 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	15.74 -0.66 0.00	16.50 -0.51 0.00	17.14 -0.40 0.00	13.86 -0.33 0.00	17.06 -0.60 0.00	15.93 -0.57 0.00	17.89 -0.50 0.00	16.96 -0.60 0.00	16.80 -0.80 0.00	14.71 -0.98 0.00	14.19 -1.09 0.00	11.92 -1.30 0.00	9.76 -0.89 0.00	8.68 -0.56 0.00	9.89 -0.60 0.00	9.94 -0.45 0.00	13.88 -0.59 0.00	18.54 -1.26 0.00	21.64 -1.55 0.00	21.20 -1.69 0.00	19.87 -1.07 0.00	21.69 -0.75 0.00	22.42 -0.52 0.00	18.80 0.12 0.00
MORTIMER_115KV_TB3 55949	15.86 -0.54 0.00	16.59 -0.42 0.00	17.12 -0.42 0.00	13.81 -0.37 0.00	17.12 -0.54 0.00	16.08 -0.43 0.00	17.85 -0.54 0.00	16.97 -0.59 0.00	16.92 -0.69 0.00	14.89 -0.79 0.00	14.44 -0.84 0.00	12.42 -0.79 0.00	10.09 -0.56 0.00	8.84 -0.41 0.00	10.01 -0.48 0.00	9.95 -0.44 0.00	13.98 -0.49 0.00	18.99 -0.81 0.00	22.17 -1.01 0.00	21.83 -1.07 0.00	20.06 -0.87 0.00	21.53 -0.91 0.00	22.15 -0.79 0.00	18.43 -0.25 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	17.08 0.68 0.00	17.66 0.65 0.00	18.16 0.62 0.00	14.71 0.53 0.00	18.33 0.68 0.00	17.10 0.59 0.00	19.13 0.74 0.00	18.36 0.80 0.00	18.37 0.77 0.00	16.40 0.72 0.00	16.01 0.73 0.00	13.83 0.61 0.00	11.12 0.47 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.92 0.53 0.00	15.19 0.72 0.00	20.82 1.02 0.00	24.44 1.26 0.00	24.23 1.33 0.00	22.15 1.21 0.00	23.60 1.15 0.00	24.04 1.10 0.00	19.45 0.77 0.00

MUNSVILLE_WIND_PWR 323609	17.02 0.63 0.00	17.38 0.37 0.00	18.23 0.69 0.00	14.75 0.56 0.00	18.59 0.94 0.00	17.49 0.98 0.00	19.40 1.00 0.00	18.54 0.98 0.00	18.60 0.99 0.00	16.53 0.85 0.00	16.02 0.74 0.00	13.70 0.49 0.00	11.07 0.43 0.00	9.56 0.31 0.00	10.78 0.29 0.00	10.67 0.27 0.00	14.95 0.49 0.00	21.02 1.22 0.00	24.72 1.53 0.00	24.61 1.71 0.00	22.59 1.65 0.00	24.21 1.77 0.00	24.67 1.73 0.00	20.14 1.46 0.00
N SALMON___HYD 24042	16.66 0.26 0.00	17.22 0.21 0.00	17.66 0.13 0.00	14.23 0.04 0.00	17.64 -0.02 0.00	16.56 0.05 0.00	18.52 0.13 0.00	17.70 0.14 0.00	17.89 0.28 0.00	15.92 0.24 0.00	15.55 0.28 0.00	13.43 0.22 0.00	10.85 0.21 0.00	9.46 0.21 0.00	10.62 0.13 0.00	10.55 0.15 0.00	14.40 -0.07 0.00	19.62 -0.18 0.00	22.98 -0.20 0.00	22.55 -0.35 0.00	20.54 -0.40 0.00	22.11 -0.33 0.00	22.66 -0.29 0.00	18.28 -0.40 0.00
N.AKRON__115KV_KNAPP 355671	15.65 -0.76 0.00	16.45 -0.56 0.00	16.98 -0.56 0.00	13.68 -0.51 0.00	16.91 -0.75 0.00	15.93 -0.58 0.00	17.59 -0.81 0.00	16.66 -0.90 0.00	16.55 -1.06 0.00	14.45 -1.23 0.00	13.95 -1.33 0.00	11.93 -1.28 0.00	9.76 -0.88 0.00	8.58 -0.67 0.00	9.71 -0.78 0.00	10.00 -0.40 0.00	13.67 -0.80 0.00	18.54 -1.27 0.00	21.61 -1.58 0.00	21.22 -1.68 0.00	19.57 -1.37 0.00	21.05 -1.39 0.00	21.76 -1.19 0.00	18.38 -0.31 0.00
N.BELMOR_69_KV_BK1 55787	17.25 0.84 0.00	17.82 0.81 0.00	18.31 0.77 0.00	14.82 0.63 0.00	18.46 0.80 0.00	17.22 0.71 0.00	19.24 0.85 0.00	18.46 0.90 0.00	18.43 0.83 0.00	16.43 0.74 0.00	16.06 0.78 0.00	13.84 0.63 0.00	11.11 0.46 0.00	9.62 0.37 0.00	10.98 0.49 0.00	10.95 0.56 0.00	15.27 0.81 0.00	20.95 1.15 0.00	24.61 1.42 0.00	24.31 1.42 0.00	22.29 1.35 0.00	23.82 1.37 0.00	24.25 1.30 0.00	19.62 0.94 0.00
N.E_GEN_SANDY PD 24062	16.69 0.28 0.00	17.28 0.27 0.00	17.85 0.31 0.00	14.46 0.28 0.00	17.93 0.37 0.09	16.83 0.33 0.00	18.77 0.38 0.00	17.94 0.38 0.00	17.84 0.41 0.17	16.17 0.49 0.00	15.72 0.46 0.02	13.70 0.40 -0.08	9.28 0.27 1.63	9.43 0.18 0.00	10.75 0.26 0.00	10.69 0.27 -0.03	14.82 0.36 0.00	20.32 0.51 0.00	23.26 0.60 0.52	23.54 0.64 0.00	21.44 0.51 0.00	22.94 0.49 0.00	23.67 0.42 -0.30	18.94 0.25 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	16.97 0.57 0.00	17.54 0.53 0.00	18.05 0.52 0.00	14.62 0.43 0.00	18.23 0.57 0.00	17.02 0.51 0.00	19.06 0.67 0.00	18.26 0.70 0.00	18.26 0.66 0.00	16.31 0.63 0.00	15.90 0.62 0.00	13.73 0.52 0.00	11.04 0.39 0.00	9.56 0.31 0.00	10.90 0.41 0.00	10.84 0.45 0.00	15.09 0.62 0.00	20.71 0.91 0.00	24.29 1.11 0.00	24.05 1.15 0.00	22.00 1.06 0.00	23.46 1.01 0.00	23.92 0.97 0.00	19.36 0.68 0.00
N.QUEENS_27_KV_LOAD 356247	17.05 0.64 0.00	17.62 0.61 0.00	18.13 0.59 0.00	14.68 0.49 0.00	18.30 0.64 0.00	17.05 0.55 0.01	19.10 0.71 0.01	18.33 0.77 0.00	18.34 0.73 0.00	16.40 0.72 0.00	16.06 0.78 0.00	13.85 0.64 0.00	11.14 0.49 0.00	9.65 0.40 0.00	11.00 0.51 0.00	10.94 0.54 0.00	15.20 0.74 0.00	20.80 0.99 0.00	24.42 1.23 0.00	24.24 1.34 0.00	22.19 1.25 0.00	23.57 1.13 0.00	23.99 1.05 0.00	19.43 0.75 0.00
N.TROY___115KV_TB1 355778	16.68 0.28 0.00	17.28 0.27 0.00	17.84 0.31 0.00	14.45 0.27 0.00	18.02 0.36 0.00	16.82 0.31 0.00	18.75 0.35 0.00	17.91 0.35 0.00	18.01 0.40 0.00	16.12 0.44 0.00	15.67 0.39 0.00	13.56 0.35 0.00	10.88 0.23 0.00	9.42 0.17 0.00	10.71 0.21 0.00	10.61 0.21 0.00	14.76 0.28 0.00	20.25 0.44 0.00	23.74 0.55 0.00	23.47 0.57 0.00	21.37 0.43 0.00	22.89 0.44 0.00	23.33 0.39 0.00	18.92 0.24 0.00
NARROWS_GT1_1 24228	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
NARROWS_GT1_2 24229	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
NARROWS_GT1_3 24230	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
NARROWS_GT1_4 24231	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
NARROWS_GT1_5 24232	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
NARROWS_GT1_6 24233	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
NARROWS_GT1_7 24234	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00

NARROWS_GT1_8 24235	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
NARROWS_GT2_1 24236	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
NARROWS_GT2_2 24237	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
NARROWS_GT2_3 24238	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
NARROWS_GT2_4 24239	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
NARROWS_GT2_5 24240	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
NARROWS_GT2_6 24241	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
NARROWS_GT2_7 24242	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
NARROWS_GT2_8 24243	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	17.10 0.70 0.00	17.70 0.69 0.00	18.28 0.74 0.00	14.80 0.61 0.00	18.44 0.78 0.00	17.22 0.72 0.00	19.20 0.81 0.00	18.35 0.80 0.00	18.46 0.86 0.00	16.31 0.63 0.00	15.87 0.59 0.00	13.74 0.53 0.00	11.04 0.39 0.00	9.63 0.38 0.00	10.91 0.41 0.00	10.79 0.40 0.00	15.06 0.59 0.00	20.75 0.94 0.00	24.29 1.11 0.00	24.16 1.26 0.00	22.00 1.05 0.00	23.54 1.09 0.00	23.98 1.04 0.00	19.45 0.77 0.00
NCHELSEA_115KV_TR2 355582	17.03 0.63 0.00	17.62 0.61 0.00	18.15 0.61 0.00	14.70 0.51 0.00	18.32 0.66 0.00	17.10 0.60 0.00	19.13 0.74 0.00	18.33 0.77 0.00	18.35 0.74 0.00	16.38 0.70 0.00	15.97 0.69 0.00	13.81 0.59 0.00	11.10 0.45 0.00	9.61 0.36 0.00	10.95 0.46 0.00	10.88 0.48 0.00	15.16 0.70 0.00	20.80 1.00 0.00	24.39 1.21 0.00	24.16 1.26 0.00	22.08 1.13 0.00	23.55 1.11 0.00	23.98 1.04 0.00	19.42 0.74 0.00
NEG CAPITAL___MECHNVIL 23645	16.87 0.47 0.00	17.47 0.46 0.00	18.03 0.50 0.00	14.60 0.41 0.00	18.20 0.55 0.00	17.00 0.50 0.00	18.94 0.55 0.00	18.12 0.56 0.00	18.22 0.61 0.00	16.27 0.60 0.00	15.83 0.55 0.00	13.70 0.48 0.00	10.99 0.34 0.00	9.52 0.27 0.00	10.80 0.31 0.00	10.70 0.31 0.00	14.90 0.43 0.00	20.48 0.67 0.00	24.07 0.89 0.00	23.82 0.92 0.00	21.69 0.75 0.00	23.22 0.77 0.00	23.64 0.69 0.00	19.15 0.47 0.00
NEG CENTRAL_HIGH_ACRES 23767	15.65 -0.75 0.00	16.33 -0.68 0.00	16.85 -0.68 0.00	13.60 -0.58 0.00	16.88 -0.78 0.00	15.85 -0.66 0.00	17.61 -0.78 0.00	16.77 -0.79 0.00	16.74 -0.87 0.00	14.77 -0.91 0.00	14.34 -0.94 0.00	12.34 -0.88 0.00	10.01 -0.63 0.00	8.76 -0.49 0.00	9.91 -0.58 0.00	9.84 -0.55 0.00	13.83 -0.64 0.00	18.81 -0.99 0.00	21.97 -1.22 0.00	21.66 -1.24 0.00	19.88 -1.06 0.00	21.31 -1.14 0.00	21.88 -1.07 0.00	18.10 -0.58 0.00
NEG CENTRAL___DRP 24199	16.29 -0.10 0.00	17.05 0.04 0.00	17.62 0.08 0.00	14.24 0.05 0.00	17.71 0.06 0.00	16.57 0.06 0.00	18.47 0.07 0.00	17.61 0.05 0.00	17.56 -0.04 0.00	15.58 -0.09 0.00	15.04 -0.24 0.00	12.91 -0.30 0.00	10.47 -0.18 0.00	9.14 -0.11 0.00	10.38 -0.11 0.00	10.30 -0.10 0.00	14.51 0.04 0.00	19.84 0.03 0.00	23.24 0.06 0.00	22.98 0.08 0.00	21.13 0.19 0.00	22.60 0.15 0.00	23.13 0.18 0.00	18.96 0.27 0.00
NEG CENTRAL___INDECK 23768	16.03 -0.37 0.00	16.91 -0.10 0.00	17.54 0.01 0.00	14.14 -0.05 0.00	17.57 -0.09 0.00	16.40 -0.11 0.00	18.22 -0.17 0.00	17.39 -0.17 0.00	17.27 -0.33 0.00	15.15 -0.53 0.00	14.59 -0.69 0.00	12.48 -0.74 0.00	10.12 -0.52 0.00	8.84 -0.41 0.00	10.08 -0.41 0.00	10.02 -0.38 0.00	14.22 -0.25 0.00	19.29 -0.51 0.00	22.88 -0.31 0.00	22.71 -0.19 0.00	21.07 0.13 0.00	22.60 0.15 0.00	23.09 0.15 0.00	19.10 0.42 0.00

NEG CENTRAL___SENECA 23627	16.27 -0.13 0.00	17.09 0.08 0.00	17.67 0.13 0.00	14.26 0.08 0.00	17.75 0.09 0.00	16.60 0.09 0.00	18.50 0.10 0.00	17.63 0.07 0.00	17.54 -0.07 0.00	15.55 -0.13 0.00	14.95 -0.33 0.00	12.83 -0.39 0.00	10.42 -0.22 0.00	9.11 -0.14 0.00	10.36 -0.13 0.00	10.29 -0.11 0.00	14.56 0.09 0.00	19.93 0.13 0.00	23.35 0.17 0.00	23.09 0.19 0.00	21.28 0.34 0.00	22.77 0.33 0.00	23.30 0.36 0.00	19.11 0.43 0.00
NEG CENTRAL___STATE_STREET 24147	16.40 0.00 0.00	17.12 0.10 0.00	17.68 0.14 0.00	14.30 0.11 0.00	17.77 0.12 0.00	16.64 0.13 0.00	18.57 0.18 0.00	17.67 0.11 0.00	17.71 0.11 0.00	15.72 0.04 0.00	15.26 -0.02 0.00	13.09 -0.13 0.00	10.58 -0.06 0.00	9.25 0.00 0.00	10.46 -0.04 0.00	10.36 -0.04 0.00	14.55 0.07 0.00	19.88 0.07 0.00	23.25 0.07 0.00	23.01 0.11 0.00	21.08 0.14 0.00	22.49 0.04 0.00	23.06 0.11 0.00	18.92 0.23 0.00
NEG MILLWOOD___DRP 24198	17.08 0.68 0.00	17.67 0.66 0.00	18.20 0.66 0.00	14.74 0.55 0.00	18.37 0.71 0.00	17.15 0.64 0.00	19.17 0.78 0.00	18.38 0.82 0.00	18.42 0.81 0.00	16.45 0.77 0.00	16.03 0.76 0.00	13.86 0.64 0.00	11.14 0.50 0.00	9.65 0.39 0.00	10.99 0.50 0.00	10.92 0.53 0.00	15.22 0.75 0.00	20.87 1.07 0.00	24.48 1.30 0.00	24.25 1.35 0.00	22.17 1.23 0.00	23.64 1.20 0.00	24.06 1.12 0.00	19.47 0.79 0.00
NEG NORTH_FLCN_SEA 23793	16.54 0.14 0.00	17.15 0.13 0.00	17.66 0.12 0.00	14.32 0.13 0.00	17.86 0.20 0.00	16.67 0.16 0.00	18.54 0.14 0.00	17.38 -0.18 0.00	17.56 -0.05 0.00	15.61 -0.07 0.00	15.18 -0.10 0.00	13.21 -0.01 0.00	10.65 0.00 0.00	9.29 0.04 0.00	10.39 -0.10 0.00	10.21 -0.19 0.00	14.31 -0.15 0.00	19.68 -0.13 0.00	23.04 -0.14 0.00	22.51 -0.39 0.00	20.47 -0.47 0.00	22.06 -0.39 0.00	22.60 -0.34 0.00	18.23 -0.45 0.00
NEG NORTH_KES_CHATEGAY 23792	16.34 -0.06 0.00	16.97 -0.04 0.00	17.50 -0.03 0.00	14.17 -0.01 0.00	17.65 -0.01 0.00	16.45 -0.06 0.00	18.30 -0.10 0.00	17.17 -0.39 0.00	17.32 -0.29 0.00	15.40 -0.28 0.00	15.02 -0.26 0.00	13.08 -0.13 0.00	10.57 -0.08 0.00	9.21 -0.04 0.00	10.28 -0.21 0.00	10.13 -0.27 0.00	14.18 -0.29 0.00	19.54 -0.27 0.00	22.84 -0.34 0.00	22.36 -0.53 0.00	20.36 -0.58 0.00	21.91 -0.54 0.00	22.49 -0.45 0.00	18.15 -0.54 0.00
NEG NORTH___ALICE_FALLS 23915	16.56 0.16 0.00	17.17 0.16 0.00	17.68 0.14 0.00	14.33 0.15 0.00	17.87 0.21 0.00	16.68 0.17 0.00	18.55 0.16 0.00	17.41 -0.15 0.00	17.59 -0.02 0.00	15.64 -0.04 0.00	15.22 -0.06 0.00	13.26 0.04 0.00	10.69 0.04 0.00	9.32 0.07 0.00	10.42 -0.07 0.00	10.24 -0.15 0.00	14.36 -0.11 0.00	19.74 -0.06 0.00	23.13 -0.05 0.00	22.61 -0.29 0.00	20.56 -0.38 0.00	22.14 -0.30 0.00	22.67 -0.27 0.00	18.29 -0.39 0.00
NEG NORTH___LWR_SARANAC 23913	16.56 0.16 0.00	17.17 0.16 0.00	17.68 0.14 0.00	14.33 0.15 0.00	17.87 0.21 0.00	16.68 0.17 0.00	18.55 0.16 0.00	17.41 -0.15 0.00	17.59 -0.02 0.00	15.64 -0.04 0.00	15.22 -0.06 0.00	13.26 0.04 0.00	10.69 0.04 0.00	9.32 0.07 0.00	10.42 -0.07 0.00	10.24 -0.15 0.00	14.36 -0.11 0.00	19.74 -0.06 0.00	23.13 -0.05 0.00	22.61 -0.29 0.00	20.56 -0.38 0.00	22.14 -0.30 0.00	22.67 -0.27 0.00	18.29 -0.39 0.00
NEG NORTH___PLATTSBURG 23628	16.56 0.16 0.00	17.17 0.16 0.00	17.68 0.14 0.00	14.33 0.15 0.00	17.87 0.21 0.00	16.68 0.17 0.00	18.55 0.16 0.00	17.41 -0.15 0.00	17.59 -0.02 0.00	15.64 -0.04 0.00	15.22 -0.06 0.00	13.26 0.04 0.00	10.69 0.04 0.00	9.32 0.07 0.00	10.42 -0.07 0.00	10.24 -0.15 0.00	14.36 -0.11 0.00	19.74 -0.06 0.00	23.13 -0.05 0.00	22.61 -0.29 0.00	20.56 -0.38 0.00	22.15 -0.30 0.00	22.67 -0.27 0.00	18.30 -0.39 0.00
NEG WEST_LEA_LOCKPORT 23791	15.36 -1.04 0.00	16.17 -0.84 0.00	16.69 -0.84 0.00	13.45 -0.74 0.00	16.61 -1.05 0.00	15.64 -0.87 0.00	17.25 -1.15 0.00	16.30 -1.26 0.00	16.18 -1.42 0.00	14.14 -1.54 0.00	13.66 -1.61 0.00	11.68 -1.53 0.00	9.53 -1.11 0.00	8.39 -0.85 0.00	9.49 -1.00 0.00	9.57 -0.82 0.00	13.38 -1.09 0.00	18.10 -1.70 0.00	21.04 -2.14 0.00	20.63 -2.26 0.00	19.05 -1.89 0.00	20.53 -1.92 0.00	21.27 -1.68 0.00	18.04 -0.64 0.00
NEG WEST___LANCASTR 23811	16.11 -0.29 0.00	16.94 -0.07 0.00	17.50 -0.04 0.00	14.11 -0.08 0.00	17.45 -0.20 0.00	16.41 -0.10 0.00	18.16 -0.23 0.00	17.25 -0.31 0.00	17.10 -0.50 0.00	15.01 -0.67 0.00	14.41 -0.87 0.00	12.32 -0.90 0.00	10.05 -0.60 0.00	8.85 -0.39 0.00	10.04 -0.45 0.00	10.07 -0.33 0.00	14.13 -0.34 0.00	19.12 -0.68 0.00	22.21 -0.97 0.00	21.75 -1.15 0.00	20.07 -0.87 0.00	21.64 -0.80 0.00	22.39 -0.55 0.00	18.84 0.16 0.00
NEG_PENN_ALLEGHNY 23528	16.25 -0.15 0.00	16.90 -0.11 0.00	17.46 -0.08 0.00	14.11 -0.07 0.00	17.59 -0.07 0.00	16.46 -0.05 0.00	18.32 -0.07 0.00	17.54 -0.02 0.00	17.49 -0.12 0.00	15.54 -0.14 0.00	15.10 -0.18 0.00	13.01 -0.20 0.00	10.53 -0.12 0.00	9.16 -0.09 0.00	10.41 -0.08 0.00	10.33 -0.06 0.00	14.45 -0.02 0.00	19.76 -0.04 0.00	23.09 -0.09 0.00	22.81 -0.09 0.00	20.94 0.01 0.00	22.44 0.00 0.00	22.97 0.03 0.00	18.77 0.09 0.00
NEG___GEN_MONROE 24207	15.92 -0.48 0.00	16.67 -0.34 0.00	17.20 -0.34 0.00	13.88 -0.31 0.00	17.19 -0.46 0.00	16.16 -0.35 0.00	17.92 -0.47 0.00	17.04 -0.52 0.00	16.97 -0.63 0.00	14.90 -0.78 0.00	14.42 -0.86 0.00	12.40 -0.81 0.00	10.09 -0.55 0.00	8.84 -0.41 0.00	10.01 -0.48 0.00	9.98 -0.41 0.00	14.00 -0.47 0.00	19.04 -0.77 0.00	22.23 -0.95 0.00	21.90 -0.99 0.00	20.14 -0.81 0.00	21.61 -0.83 0.00	22.24 -0.70 0.00	18.55 -0.14 0.00
NEPA___ENERGY 23901	15.58 -0.82 0.00	16.38 -0.63 0.00	16.91 -0.63 0.00	13.67 -0.51 0.00	16.92 -0.74 0.00	15.89 -0.61 0.00	17.67 -0.72 0.00	16.84 -0.72 0.00	16.63 -0.97 0.00	14.61 -1.07 0.00	14.09 -1.19 0.00	12.02 -1.19 0.00	9.81 -0.83 0.00	8.66 -0.59 0.00	9.84 -0.66 0.00	9.84 -0.56 0.00	13.79 -0.68 0.00	18.68 -1.12 0.00	21.68 -1.50 0.00	21.26 -1.64 0.00	19.68 -1.25 0.00	21.29 -1.16 0.00	22.07 -0.87 0.00	18.39 -0.29 0.00
NEVERSink___HYD 23608	17.19 0.79 0.00	17.82 0.81 0.00	18.36 0.82 0.00	14.87 0.68 0.00	18.53 0.88 0.00	17.31 0.81 0.00	19.37 0.98 0.00	18.56 1.00 0.00	18.57 0.97 0.00	16.50 0.82 0.00	16.07 0.79 0.00	13.90 0.68 0.00	11.22 0.58 0.00	9.70 0.45 0.00	11.02 0.53 0.00	10.96 0.56 0.00	15.34 0.87 0.00	21.03 1.23 0.00	24.62 1.44 0.00	24.42 1.52 0.00	22.36 1.42 0.00	23.85 1.41 0.00	24.30 1.36 0.00	19.68 1.00 0.00
NEWKRMKL_115KV_TB1 55635	16.80 0.40 0.00	17.40 0.39 0.00	17.95 0.42 0.00	14.54 0.36 0.00	18.12 0.47 0.00	16.92 0.42 0.00	18.86 0.47 0.00	18.02 0.46 0.00	18.09 0.48 0.00	16.17 0.49 0.00	15.74 0.46 0.00	13.64 0.42 0.00	10.96 0.31 0.00	9.50 0.25 0.00	10.80 0.30 0.00	10.70 0.30 0.00	14.88 0.41 0.00	20.40 0.59 0.00	23.89 0.71 0.00	23.64 0.74 0.00	21.54 0.60 0.00	23.05 0.61 0.00	23.52 0.58 0.00	19.10 0.42 0.00

NEWTON___FALLS_HYD 23847	15.84 -0.56 0.00	16.29 -0.72 0.00	16.86 -0.68 0.00	13.51 -0.68 0.00	16.66 -1.00 0.00	15.61 -0.89 0.00	17.42 -0.97 0.00	16.67 -0.88 0.00	16.87 -0.74 0.00	14.85 -0.83 0.00	14.51 -0.77 0.00	12.49 -0.72 0.00	10.05 -0.60 0.00	8.72 -0.53 0.00	9.85 -0.64 0.00	9.72 -0.67 0.00	13.51 -0.96 0.00	18.65 -1.15 0.00	22.02 -1.16 0.00	21.92 -0.98 0.00	20.06 -0.88 0.00	21.65 -0.79 0.00	22.12 -0.82 0.00	17.99 -0.70 0.00
NGRID_A1_DSASP 323792	15.14 -1.26 0.00	15.95 -1.06 0.00	16.47 -1.06 0.00	13.26 -0.92 0.00	16.37 -1.28 0.00	15.42 -1.08 0.00	16.99 -1.40 0.00	16.04 -1.52 0.00	15.94 -1.67 0.00	13.94 -1.74 0.00	13.49 -1.79 0.00	11.55 -1.67 0.00	9.41 -1.24 0.00	8.29 -0.96 0.00	9.36 -1.13 0.00	9.40 -1.00 0.00	13.19 -1.28 0.00	17.82 -1.98 0.00	20.70 -2.48 0.00	20.26 -2.64 0.00	18.70 -2.25 0.00	20.16 -2.29 0.00	20.90 -2.04 0.00	17.76 -0.93 0.00
NGRID_A2_DSASP 323793	15.14 -1.26 0.00	15.95 -1.06 0.00	16.47 -1.06 0.00	13.26 -0.92 0.00	16.37 -1.28 0.00	15.42 -1.08 0.00	16.99 -1.40 0.00	16.04 -1.52 0.00	15.94 -1.67 0.00	13.94 -1.74 0.00	13.49 -1.79 0.00	11.55 -1.67 0.00	9.41 -1.24 0.00	8.29 -0.96 0.00	9.36 -1.13 0.00	9.40 -1.00 0.00	13.19 -1.28 0.00	17.82 -1.98 0.00	20.70 -2.48 0.00	20.26 -2.64 0.00	18.70 -2.25 0.00	20.16 -2.29 0.00	20.90 -2.04 0.00	17.76 -0.93 0.00
NGRID_A4_DSASP 323807	15.14 -1.26 0.00	15.95 -1.06 0.00	16.47 -1.06 0.00	13.26 -0.92 0.00	16.37 -1.28 0.00	15.42 -1.08 0.00	16.99 -1.40 0.00	16.04 -1.52 0.00	15.94 -1.67 0.00	13.94 -1.74 0.00	13.49 -1.79 0.00	11.55 -1.67 0.00	9.41 -1.24 0.00	8.29 -0.96 0.00	9.36 -1.13 0.00	9.40 -1.00 0.00	13.19 -1.28 0.00	17.82 -1.98 0.00	20.70 -2.48 0.00	20.26 -2.64 0.00	18.70 -2.25 0.00	20.16 -2.29 0.00	20.90 -2.04 0.00	17.76 -0.93 0.00
NIAGARA_115E_LBMP 323715	15.11 -1.29 0.00	15.92 -1.09 0.00	16.44 -1.10 0.00	13.24 -0.95 0.00	16.34 -1.31 0.00	15.40 -1.11 0.00	16.96 -1.44 0.00	16.01 -1.55 0.00	15.90 -1.70 0.00	13.89 -1.79 0.00	13.43 -1.85 0.00	11.49 -1.73 0.00	9.36 -1.28 0.00	8.25 -0.99 0.00	9.32 -1.17 0.00	9.38 -1.02 0.00	13.15 -1.32 0.00	17.77 -2.04 0.00	20.64 -2.54 0.00	20.22 -2.68 0.00	18.66 -2.28 0.00	20.12 -2.32 0.00	20.87 -2.08 0.00	17.72 -0.96 0.00
NIAGARA_115W_LBMP 323714	15.11 -1.29 0.00	15.92 -1.09 0.00	16.44 -1.10 0.00	13.24 -0.94 0.00	16.34 -1.31 0.00	15.40 -1.11 0.00	16.96 -1.43 0.00	16.01 -1.55 0.00	15.91 -1.70 0.00	13.91 -1.77 0.00	13.46 -1.82 0.00	11.52 -1.69 0.00	9.39 -1.25 0.00	8.27 -0.97 0.00	9.34 -1.15 0.00	9.38 -1.01 0.00	13.16 -1.31 0.00	17.79 -2.02 0.00	20.66 -2.52 0.00	20.22 -2.68 0.00	18.65 -2.28 0.00	20.12 -2.33 0.00	20.86 -2.09 0.00	17.72 -0.96 0.00
NIAGARA_230_LBMP 323716	15.24 -1.16 0.00	16.05 -0.96 0.00	16.58 -0.96 0.00	13.35 -0.83 0.00	16.49 -1.17 0.00	15.52 -0.98 0.00	17.13 -1.26 0.00	16.19 -1.37 0.00	16.09 -1.52 0.00	14.08 -1.60 0.00	13.62 -1.66 0.00	11.66 -1.55 0.00	9.51 -1.14 0.00	8.37 -0.88 0.00	9.46 -1.04 0.00	9.49 -0.91 0.00	13.31 -1.16 0.00	18.00 -1.81 0.00	20.90 -2.28 0.00	20.47 -2.43 0.00	18.88 -2.06 0.00	20.35 -2.09 0.00	21.10 -1.84 0.00	17.86 -0.82 0.00
NIAGARA___115KV_198_GIBSON 55903	15.11 -1.29 0.00	15.92 -1.09 0.00	16.44 -1.10 0.00	13.24 -0.94 0.00	16.34 -1.31 0.00	15.40 -1.11 0.00	16.96 -1.43 0.00	16.00 -1.56 0.00	15.91 -1.70 0.00	13.91 -1.77 0.00	13.46 -1.82 0.00	11.52 -1.69 0.00	9.39 -1.25 0.00	8.27 -0.97 0.00	9.34 -1.15 0.00	9.38 -1.02 0.00	13.17 -1.30 0.00	17.79 -2.02 0.00	20.66 -2.52 0.00	20.22 -2.68 0.00	18.66 -2.28 0.00	20.12 -2.33 0.00	20.86 -2.08 0.00	17.74 -0.94 0.00
NIAGARA____ 23760	15.24 -1.16 0.00	16.05 -0.96 0.00	16.58 -0.96 0.00	13.35 -0.83 0.00	16.49 -1.17 0.00	15.52 -0.98 0.00	17.13 -1.26 0.00	16.19 -1.37 0.00	16.09 -1.52 0.00	14.08 -1.60 0.00	13.62 -1.66 0.00	11.66 -1.55 0.00	9.51 -1.14 0.00	8.37 -0.88 0.00	9.46 -1.04 0.00	9.49 -0.91 0.00	13.31 -1.16 0.00	18.00 -1.81 0.00	20.90 -2.28 0.00	20.47 -2.43 0.00	18.88 -2.06 0.00	20.35 -2.09 0.00	21.10 -1.84 0.00	17.86 -0.82 0.00
NINE_MILE_1 23575	16.07 -0.33 0.00	16.70 -0.31 0.00	17.22 -0.31 0.00	13.93 -0.26 0.00	17.32 -0.33 0.00	16.21 -0.29 0.00	18.05 -0.34 0.00	17.24 -0.32 0.00	17.26 -0.34 0.00	15.35 -0.33 0.00	14.93 -0.34 0.00	12.89 -0.32 0.00	10.40 -0.24 0.00	9.05 -0.20 0.00	10.26 -0.23 0.00	10.16 -0.23 0.00	14.14 -0.33 0.00	19.28 -0.52 0.00	22.54 -0.64 0.00	22.27 -0.63 0.00	20.40 -0.54 0.00	21.85 -0.60 0.00	22.34 -0.60 0.00	18.29 -0.40 0.00
NINE_MILE_2 23744	16.07 -0.32 0.00	16.70 -0.31 0.00	17.22 -0.31 0.00	13.93 -0.25 0.00	17.33 -0.33 0.00	16.21 -0.29 0.00	18.06 -0.34 0.00	17.24 -0.32 0.00	17.27 -0.34 0.00	15.35 -0.33 0.00	14.94 -0.34 0.00	12.90 -0.32 0.00	10.40 -0.24 0.00	9.05 -0.20 0.00	10.26 -0.23 0.00	10.16 -0.23 0.00	14.15 -0.33 0.00	19.28 -0.52 0.00	22.54 -0.64 0.00	22.27 -0.63 0.00	20.40 -0.54 0.00	21.85 -0.60 0.00	22.34 -0.60 0.00	18.29 -0.39 0.00
NM_CAPITAL___DRP 24208	16.75 0.34 0.00	17.34 0.33 0.00	17.90 0.37 0.00	14.50 0.31 0.00	18.07 0.42 0.00	16.87 0.37 0.00	18.80 0.41 0.00	17.95 0.40 0.00	18.04 0.43 0.00	16.13 0.45 0.00	15.71 0.43 0.00	13.60 0.39 0.00	10.92 0.28 0.00	9.46 0.21 0.00	10.76 0.27 0.00	10.66 0.27 0.00	14.83 0.36 0.00	20.33 0.52 0.00	23.79 0.61 0.00	23.54 0.64 0.00	21.45 0.51 0.00	22.96 0.52 0.00	23.43 0.49 0.00	19.02 0.34 0.00
NM_CENTRAL___DRP 24181	16.29 -0.11 0.00	16.92 -0.09 0.00	17.46 -0.08 0.00	14.11 -0.07 0.00	17.56 -0.10 0.00	16.43 -0.08 0.00	18.30 -0.09 0.00	17.49 -0.07 0.00	17.50 -0.10 0.00	15.56 -0.12 0.00	15.13 -0.15 0.00	13.05 -0.16 0.00	10.54 -0.10 0.00	9.16 -0.09 0.00	10.40 -0.10 0.00	10.30 -0.09 0.00	14.36 -0.11 0.00	19.60 -0.21 0.00	22.91 -0.27 0.00	22.66 -0.24 0.00	20.76 -0.18 0.00	22.22 -0.23 0.00	22.72 -0.22 0.00	18.60 -0.08 0.00
NM_FRONTIER___DRP 24179	15.11 -1.29 0.00	15.92 -1.09 0.00	16.44 -1.10 0.00	13.24 -0.94 0.00	16.34 -1.31 0.00	15.40 -1.11 0.00	16.96 -1.43 0.00	16.00 -1.56 0.00	15.91 -1.70 0.00	13.91 -1.77 0.00	13.46 -1.82 0.00	11.52 -1.69 0.00	9.39 -1.25 0.00	8.27 -0.97 0.00	9.34 -1.15 0.00	9.38 -1.02 0.00	13.17 -1.30 0.00	17.79 -2.02 0.00	20.66 -2.52 0.00	20.22 -2.68 0.00	18.66 -2.28 0.00	20.12 -2.33 0.00	20.86 -2.08 0.00	17.74 -0.94 0.00
NM_ST_REGIS___HYD 24053	16.12 -0.28 0.00	16.67 -0.35 0.00	17.13 -0.40 0.00	13.80 -0.38 0.00	17.10 -0.55 0.00	16.04 -0.47 0.00	17.90 -0.50 0.00	17.07 -0.49 0.00	17.23 -0.38 0.00	15.28 -0.40 0.00	14.94 -0.33 0.00	12.93 -0.28 0.00	10.43 -0.21 0.00	9.08 -0.17 0.00	10.23 -0.26 0.00	10.13 -0.27 0.00	14.01 -0.46 0.00	19.21 -0.59 0.00	22.54 -0.64 0.00	22.21 -0.68 0.00	20.27 -0.67 0.00	21.84 -0.60 0.00	22.36 -0.59 0.00	18.09 -0.59 0.00

NORTHPORT___1 23551	17.22 0.82 0.00	17.81 0.80 0.00	18.30 0.76 0.00	14.81 0.63 0.00	18.45 0.79 0.00	17.17 0.66 0.00	19.16 0.77 0.00	18.36 0.80 0.00	18.29 0.68 0.00	16.31 0.63 0.00	16.00 0.72 0.00	13.77 0.56 0.00	11.07 0.42 0.00	9.58 0.33 0.00	10.93 0.44 0.00	10.91 0.52 0.00	15.23 0.76 0.00	20.81 1.01 0.00	24.43 1.25 0.00	24.05 1.15 0.00	22.08 1.14 0.00	23.63 1.19 0.00	24.09 1.14 0.00	19.53 0.85 0.00
NORTHPORT___2 23552	17.22 0.82 0.00	17.81 0.80 0.00	18.30 0.76 0.00	14.81 0.63 0.00	18.45 0.79 0.00	17.17 0.66 0.00	19.16 0.77 0.00	18.36 0.80 0.00	18.29 0.68 0.00	16.31 0.63 0.00	16.00 0.72 0.00	13.77 0.56 0.00	11.07 0.42 0.00	9.58 0.33 0.00	10.93 0.44 0.00	10.91 0.52 0.00	15.23 0.76 0.00	20.81 1.01 0.00	24.43 1.25 0.00	24.05 1.15 0.00	22.08 1.14 0.00	23.63 1.19 0.00	24.09 1.14 0.00	19.53 0.85 0.00
NORTHPORT___3 23553	17.15 0.74 0.00	17.73 0.72 0.00	18.22 0.68 0.00	14.74 0.56 0.00	18.36 0.71 0.00	17.11 0.61 0.00	19.12 0.72 0.00	18.32 0.75 0.00	18.27 0.67 0.00	16.28 0.59 0.00	15.94 0.66 0.00	13.74 0.53 0.00	11.02 0.38 0.00	9.54 0.30 0.00	10.90 0.41 0.00	10.87 0.48 0.00	15.18 0.71 0.00	20.78 0.98 0.00	24.41 1.22 0.00	24.06 1.16 0.00	22.06 1.12 0.00	23.59 1.15 0.00	24.03 1.09 0.00	19.46 0.78 0.00
NORTHPORT___4 23650	17.15 0.74 0.00	17.73 0.72 0.00	18.22 0.68 0.00	14.74 0.56 0.00	18.36 0.71 0.00	17.11 0.61 0.00	19.12 0.72 0.00	18.32 0.75 0.00	18.27 0.67 0.00	16.28 0.59 0.00	15.94 0.66 0.00	13.74 0.53 0.00	11.02 0.38 0.00	9.54 0.30 0.00	10.90 0.41 0.00	10.87 0.48 0.00	15.18 0.71 0.00	20.78 0.98 0.00	24.41 1.22 0.00	24.06 1.16 0.00	22.06 1.12 0.00	23.59 1.15 0.00	24.03 1.09 0.00	19.46 0.78 0.00
NORTHPORT___IC 23718	17.22 0.82 0.00	17.81 0.80 0.00	18.30 0.76 0.00	14.81 0.63 0.00	18.45 0.79 0.00	17.17 0.66 0.00	19.16 0.77 0.00	18.37 0.80 0.00	18.29 0.68 0.00	16.31 0.63 0.00	16.00 0.72 0.00	13.77 0.56 0.00	11.07 0.42 0.00	9.58 0.33 0.00	10.93 0.44 0.00	10.91 0.52 0.00	15.23 0.76 0.00	20.81 1.01 0.00	24.43 1.25 0.00	24.05 1.15 0.00	22.08 1.14 0.00	23.63 1.19 0.00	24.09 1.15 0.00	19.53 0.85 0.00
NORTH___COUNTRY_ESR 323785	16.29 -0.11 0.00	16.91 -0.10 0.00	17.44 -0.09 0.00	14.13 -0.05 0.00	17.60 -0.05 0.00	16.41 -0.10 0.00	18.24 -0.15 0.00	17.12 -0.44 0.00	17.27 -0.34 0.00	15.35 -0.33 0.00	14.97 -0.31 0.00	13.04 -0.17 0.00	10.53 -0.11 0.00	9.17 -0.07 0.00	10.25 -0.24 0.00	10.10 -0.30 0.00	14.13 -0.34 0.00	19.45 -0.36 0.00	22.73 -0.45 0.00	22.27 -0.63 0.00	20.26 -0.68 0.00	21.80 -0.64 0.00	22.37 -0.57 0.00	18.06 -0.63 0.00
NPX_GEN_1385_PROXY 323591	17.16 0.76 0.00	17.81 0.80 0.00	18.30 0.76 0.00	14.81 0.63 0.00	18.44 0.79 0.00	17.11 0.61 0.00	19.10 0.70 0.00	18.30 0.74 0.00	18.22 0.62 0.00	16.22 0.54 0.00	15.88 0.61 0.00	13.65 0.44 0.00	11.01 0.37 0.00	9.53 0.28 0.00	10.87 0.38 0.00	10.84 0.45 0.00	15.22 0.75 0.00	20.67 0.86 0.00	24.26 1.07 0.00	23.81 0.91 0.00	21.85 0.91 0.00	23.32 0.88 0.00	23.86 0.92 0.00	19.38 0.70 0.00
NPX_GEN_CSC 323557	17.30 0.90 0.00	17.87 0.86 0.00	18.35 0.81 0.00	14.85 0.67 0.00	18.49 0.83 0.00	17.23 0.73 0.00	19.26 0.87 0.00	18.44 0.88 0.00	18.31 0.70 0.00	16.21 0.53 0.00	15.85 0.57 0.00	13.61 0.39 0.00	10.94 0.29 0.00	9.45 0.21 0.00	10.79 0.30 0.00	10.83 0.44 0.00	15.12 0.65 0.00	20.74 0.93 0.00	24.41 1.23 0.00	23.94 1.04 0.00	21.95 1.02 0.00	23.67 1.22 0.00	24.02 1.07 0.00	19.48 0.80 0.00
NSINS_S_GLNS_FALLS 23858	16.95 0.55 0.00	17.55 0.54 0.00	18.11 0.58 0.00	14.68 0.49 0.00	18.30 0.64 0.00	17.11 0.60 0.00	19.02 0.62 0.00	18.21 0.65 0.00	18.34 0.74 0.00	16.40 0.72 0.00	15.92 0.64 0.00	13.74 0.53 0.00	10.99 0.35 0.00	9.53 0.28 0.00	10.85 0.36 0.00	10.74 0.34 0.00	14.95 0.48 0.00	20.57 0.76 0.00	24.22 1.04 0.00	23.98 1.08 0.00	21.82 0.88 0.00	23.36 0.92 0.00	23.73 0.78 0.00	19.20 0.51 0.00
NUCOR_STEEL___DRP 24197	16.40 0.00 0.00	17.11 0.10 0.00	17.67 0.13 0.00	14.30 0.11 0.00	17.77 0.11 0.00	16.64 0.13 0.00	18.57 0.18 0.00	17.66 0.10 0.00	17.72 0.11 0.00	15.73 0.05 0.00	15.29 0.01 0.00	13.10 -0.11 0.00	10.59 -0.05 0.00	9.26 0.01 0.00	10.46 -0.03 0.00	10.36 -0.04 0.00	14.54 0.07 0.00	19.86 0.06 0.00	23.23 0.05 0.00	22.99 0.09 0.00	21.05 0.11 0.00	22.45 0.01 0.00	23.03 0.08 0.00	18.90 0.21 0.00
NUMBER_THREE_WT_PWR 323818	16.10 -0.30 0.00	16.48 -0.54 0.00	17.14 -0.40 0.00	13.67 -0.52 0.00	16.75 -0.91 0.00	15.71 -0.79 0.00	17.53 -0.86 0.00	16.85 -0.71 0.00	17.12 -0.49 0.00	14.98 -0.69 0.00	14.62 -0.65 0.00	12.54 -0.67 0.00	10.04 -0.61 0.00	8.70 -0.55 0.00	9.82 -0.67 0.00	9.70 -0.70 0.00	13.49 -0.98 0.00	18.66 -1.14 0.00	22.15 -1.04 0.00	22.23 -0.67 0.00	20.39 -0.55 0.00	22.08 -0.36 0.00	22.52 -0.42 0.00	18.39 -0.29 0.00
NYISO_LBMP_REFERENCE 24008	16.40 0.00 0.00	17.01 0.00 0.00	17.54 0.00 0.00	14.18 0.00 0.00	17.66 0.00 0.00	16.50 0.00 0.00	18.39 0.00 0.00	17.56 0.00 0.00	17.61 0.00 0.00	15.68 0.00 0.00	15.28 0.00 0.00	13.21 0.00 0.00	10.64 0.00 0.00	9.25 0.00 0.00	10.49 0.00 0.00	10.40 0.00 0.00	14.47 0.00 0.00	19.80 0.00 0.00	23.18 0.00 0.00	22.90 0.00 0.00	20.94 0.00 0.00	22.45 0.00 0.00	22.94 0.00 0.00	18.68 0.00 0.00
NYPA_BRENTWD___GT 24164	17.38 0.98 0.00	17.96 0.95 0.00	18.45 0.92 0.00	14.93 0.75 0.00	18.59 0.94 0.00	17.33 0.82 0.00	19.35 0.95 0.00	18.55 0.99 0.00	18.47 0.87 0.00	16.44 0.76 0.00	16.10 0.82 0.00	13.86 0.65 0.00	11.13 0.48 0.00	9.63 0.38 0.00	11.00 0.50 0.00	10.99 0.59 0.00	15.33 0.86 0.00	21.02 1.21 0.00	24.71 1.53 0.00	24.36 1.46 0.00	22.34 1.40 0.00	23.91 1.47 0.00	24.34 1.39 0.00	19.71 1.03 0.00
NYPA_GOWANUS___GT5 24156	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00
NYPA_GOWANUS___GT6 24157	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.71 0.00	14.79 0.61 0.00	18.44 0.79 0.00	17.20 0.70 0.00	19.22 0.83 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.24 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.86 0.00

NYPA_HARLEM__RVR__GT1 24160	17.04 0.64 0.00	17.62 0.60 0.00	18.12 0.60 0.01	14.67 0.49 0.00	18.30 0.64 0.00	17.04 0.55 0.02	19.09 0.70 0.01	18.32 0.76 0.00	18.33 0.72 0.00	16.38 0.70 0.00	16.04 0.76 0.00	13.84 0.62 0.00	11.12 0.48 0.00	9.63 0.39 0.00	10.99 0.50 0.00	10.92 0.53 0.00	15.18 0.71 0.00	20.77 0.97 0.00	24.39 1.21 0.00	24.21 1.32 0.00	22.15 1.21 0.00	23.55 1.11 0.00	23.99 1.05 0.00	19.43 0.75 0.01
NYPA_HARLEM__RVR__GT2 24161	17.04 0.64 0.00	17.62 0.60 0.00	18.12 0.60 0.01	14.67 0.49 0.00	18.30 0.64 0.00	17.04 0.55 0.02	19.09 0.70 0.01	18.32 0.76 0.00	18.33 0.72 0.00	16.38 0.70 0.00	16.04 0.76 0.00	13.84 0.62 0.00	11.12 0.48 0.00	9.63 0.39 0.00	10.99 0.50 0.00	10.92 0.53 0.00	15.18 0.71 0.00	20.77 0.97 0.00	24.39 1.21 0.00	24.21 1.32 0.00	22.15 1.21 0.00	23.55 1.11 0.00	23.99 1.05 0.00	19.43 0.75 0.01
NYPA_KENT____GT 24152	17.17 0.77 0.00	17.75 0.73 0.00	18.24 0.70 0.00	14.78 0.59 0.00	18.43 0.77 0.00	17.18 0.68 0.00	19.21 0.82 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.25 0.78 0.00	20.90 1.10 0.00	24.54 1.35 0.00	24.34 1.44 0.00	22.26 1.32 0.00	23.69 1.25 0.00	24.15 1.21 0.00	19.54 0.86 0.00
NYPA_POUCH1____GT 24155	17.25 0.85 0.00	17.83 0.82 0.00	18.32 0.79 0.00	14.85 0.67 0.00	18.53 0.87 0.00	17.28 0.78 0.00	19.22 0.83 0.00	18.39 0.83 0.00	18.39 0.79 0.00	16.44 0.76 0.00	16.02 0.74 0.00	13.83 0.62 0.00	11.12 0.48 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.92 0.53 0.00	15.18 0.71 0.00	20.83 1.02 0.00	24.46 1.28 0.00	24.26 1.36 0.00	22.19 1.25 0.00	23.62 1.18 0.00	24.09 1.14 0.00	19.49 0.80 0.00
NYPA_VERNON____GT2 24162	17.15 0.75 0.00	17.73 0.72 0.00	18.23 0.69 0.00	14.77 0.58 0.00	18.41 0.75 0.00	17.17 0.66 0.00	19.20 0.81 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.04 0.55 0.00	10.97 0.58 0.00	15.25 0.78 0.00	20.90 1.09 0.00	24.54 1.35 0.00	24.34 1.44 0.00	22.25 1.32 0.00	23.69 1.24 0.00	24.14 1.19 0.00	19.54 0.86 0.00
NYPA_VERNON____GT3 24163	17.15 0.75 0.00	17.73 0.72 0.00	18.23 0.69 0.00	14.77 0.58 0.00	18.41 0.75 0.00	17.17 0.66 0.00	19.20 0.81 0.00	18.43 0.87 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.07 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.04 0.55 0.00	10.97 0.58 0.00	15.25 0.78 0.00	20.90 1.09 0.00	24.54 1.35 0.00	24.34 1.44 0.00	22.25 1.32 0.00	23.69 1.24 0.00	24.14 1.19 0.00	19.54 0.86 0.00
NYPA__ASTORIA_CC1 323568	17.14 0.74 0.00	17.71 0.70 0.00	18.22 0.68 0.00	14.76 0.57 0.00	18.39 0.73 0.00	17.15 0.65 0.00	19.19 0.80 0.00	18.42 0.86 0.00	18.42 0.82 0.00	16.45 0.77 0.00	16.07 0.79 0.00	13.87 0.66 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.96 0.57 0.00	15.24 0.77 0.00	20.88 1.08 0.00	24.51 1.33 0.00	24.31 1.42 0.00	22.24 1.30 0.00	23.67 1.22 0.00	24.12 1.18 0.00	19.52 0.84 0.00
NYPA__ASTORIA_CC2 323569	17.14 0.74 0.00	17.71 0.70 0.00	18.22 0.68 0.00	14.76 0.57 0.00	18.39 0.73 0.00	17.15 0.65 0.00	19.19 0.80 0.00	18.42 0.86 0.00	18.42 0.82 0.00	16.45 0.77 0.00	16.07 0.79 0.00	13.87 0.66 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.96 0.57 0.00	15.24 0.77 0.00	20.88 1.08 0.00	24.51 1.33 0.00	24.31 1.42 0.00	22.24 1.30 0.00	23.67 1.22 0.00	24.12 1.18 0.00	19.52 0.84 0.00
NYPA__HOLTSVILL 23794	17.29 0.89 0.00	17.87 0.86 0.00	18.35 0.82 0.00	14.86 0.67 0.00	18.50 0.84 0.00	17.24 0.73 0.00	19.25 0.86 0.00	18.45 0.89 0.00	18.37 0.76 0.00	16.32 0.64 0.00	15.97 0.70 0.00	13.74 0.53 0.00	11.03 0.39 0.00	9.55 0.30 0.00	10.90 0.41 0.00	10.91 0.51 0.00	15.22 0.75 0.00	20.86 1.06 0.00	24.54 1.36 0.00	24.15 1.25 0.00	22.14 1.20 0.00	23.74 1.30 0.00	24.15 1.21 0.00	19.58 0.90 0.00
NYPA__HELLGATE_GT1 24158	17.05 0.64 0.00	17.62 0.60 0.00	18.13 0.60 0.00	14.67 0.49 0.00	18.30 0.64 0.00	17.05 0.55 0.00	19.10 0.70 0.00	18.32 0.76 0.00	18.33 0.72 0.00	16.38 0.70 0.00	16.04 0.76 0.00	13.84 0.62 0.00	11.12 0.48 0.00	9.63 0.39 0.00	10.99 0.50 0.00	10.92 0.53 0.00	15.18 0.71 0.00	20.77 0.97 0.00	24.39 1.21 0.00	24.21 1.32 0.00	22.15 1.21 0.00	23.55 1.11 0.00	23.99 1.05 0.00	19.44 0.75 0.00
NYPA__HELLGATE_GT2 24159	17.05 0.64 0.00	17.62 0.60 0.00	18.13 0.60 0.00	14.67 0.49 0.00	18.30 0.64 0.00	17.05 0.55 0.00	19.10 0.70 0.00	18.32 0.76 0.00	18.33 0.72 0.00	16.38 0.70 0.00	16.04 0.76 0.00	13.84 0.62 0.00	11.12 0.48 0.00	9.63 0.39 0.00	10.99 0.50 0.00	10.92 0.53 0.00	15.18 0.71 0.00	20.77 0.97 0.00	24.39 1.21 0.00	24.21 1.32 0.00	22.15 1.21 0.00	23.55 1.11 0.00	23.99 1.05 0.00	19.44 0.75 0.00
NYS_BARGE__HYD 23848	15.37 -1.03 0.00	16.18 -0.83 0.00	16.70 -0.84 0.00	13.45 -0.73 0.00	16.61 -1.04 0.00	15.65 -0.86 0.00	17.26 -1.14 0.00	16.31 -1.25 0.00	16.20 -1.41 0.00	14.14 -1.54 0.00	13.67 -1.61 0.00	11.68 -1.53 0.00	9.54 -1.11 0.00	8.40 -0.85 0.00	9.50 -0.99 0.00	9.59 -0.81 0.00	13.39 -1.08 0.00	18.12 -1.69 0.00	21.07 -2.11 0.00	20.66 -2.24 0.00	19.07 -1.87 0.00	20.54 -1.91 0.00	21.28 -1.66 0.00	18.04 -0.65 0.00
OAK_ORCHARD__HYD 24046	15.86 -0.54 0.00	16.59 -0.42 0.00	17.12 -0.42 0.00	13.81 -0.37 0.00	17.12 -0.54 0.00	16.08 -0.43 0.00	17.85 -0.54 0.00	16.98 -0.58 0.00	16.92 -0.68 0.00	14.89 -0.79 0.00	14.44 -0.84 0.00	12.42 -0.79 0.00	10.09 -0.55 0.00	8.84 -0.41 0.00	10.01 -0.48 0.00	9.95 -0.44 0.00	13.98 -0.49 0.00	18.99 -0.81 0.00	22.17 -1.01 0.00	21.83 -1.07 0.00	20.06 -0.87 0.00	21.53 -0.91 0.00	22.15 -0.79 0.00	18.42 -0.26 0.00
OAKDALE__35_KV_LOAD 356122	16.27 -0.14 0.00	16.92 -0.09 0.00	17.47 -0.06 0.00	14.12 -0.06 0.00	17.60 -0.06 0.00	16.47 -0.04 0.00	18.34 -0.06 0.00	17.54 -0.02 0.00	17.50 -0.11 0.00	15.55 -0.13 0.00	15.11 -0.17 0.00	13.02 -0.19 0.00	10.54 -0.11 0.00	9.17 -0.08 0.00	10.42 -0.08 0.00	10.33 -0.06 0.00	14.45 -0.02 0.00	19.76 -0.04 0.00	23.09 -0.10 0.00	22.81 -0.09 0.00	20.94 0.00 0.00	22.44 0.00 0.00	22.98 0.03 0.00	18.78 0.10 0.00
OCC_CHEM__DRP 24175	15.14 -1.26 0.00	15.95 -1.06 0.00	16.47 -1.07 0.00	13.26 -0.92 0.00	16.37 -1.28 0.00	15.42 -1.08 0.00	16.99 -1.40 0.00	16.03 -1.52 0.00	15.94 -1.67 0.00	13.94 -1.74 0.00	13.49 -1.79 0.00	11.55 -1.67 0.00	9.41 -1.23 0.00	8.29 -0.96 0.00	9.36 -1.13 0.00	9.40 -1.00 0.00	13.20 -1.27 0.00	17.82 -1.98 0.00	20.70 -2.48 0.00	20.27 -2.63 0.00	18.70 -2.25 0.00	20.16 -2.28 0.00	20.91 -2.04 0.00	17.77 -0.91 0.00

OH_GEN_PROXY 24063	15.27 -1.13 0.00	16.08 -0.93 0.00	16.61 -0.93 0.00	13.38 -0.81 0.00	16.52 -1.13 0.00	15.56 -0.95 0.00	17.18 -1.21 0.00	16.26 -1.30 0.00	16.15 -1.46 0.00	14.14 -1.54 0.00	13.68 -1.60 0.00	11.73 -1.49 0.00	9.56 -1.09 0.00	8.41 -0.84 0.00	9.51 -0.98 0.00	9.53 -0.86 0.00	13.38 -1.09 0.00	18.08 -1.72 0.00	21.01 -2.17 0.00	20.57 -2.33 0.00	18.97 -1.97 0.00	20.45 -2.00 0.00	21.19 -1.75 0.00	17.90 -0.78 0.00
OLIN_CORP_DRP 24177	15.15 -1.25 0.00	15.95 -1.06 0.00	16.47 -1.06 0.00	13.27 -0.92 0.00	16.37 -1.28 0.00	15.43 -1.08 0.00	16.99 -1.40 0.00	16.04 -1.52 0.00	15.94 -1.67 0.00	13.94 -1.75 0.00	13.48 -1.80 0.00	11.53 -1.69 0.00	9.40 -1.25 0.00	8.28 -0.97 0.00	9.35 -1.14 0.00	9.40 -0.99 0.00	13.18 -1.29 0.00	17.81 -1.99 0.00	20.70 -2.48 0.00	20.28 -2.62 0.00	18.71 -2.23 0.00	20.17 -2.28 0.00	20.91 -2.03 0.00	17.78 -0.91 0.00
OLIN_CORP_DSASP 323712	15.14 -1.26 0.00	15.95 -1.06 0.00	16.47 -1.06 0.00	13.26 -0.92 0.00	16.37 -1.28 0.00	15.42 -1.08 0.00	16.99 -1.40 0.00	16.04 -1.52 0.00	15.94 -1.67 0.00	13.94 -1.74 0.00	13.49 -1.79 0.00	11.55 -1.67 0.00	9.41 -1.24 0.00	8.29 -0.96 0.00	9.36 -1.13 0.00	9.40 -1.00 0.00	13.19 -1.28 0.00	17.82 -1.98 0.00	20.70 -2.48 0.00	20.26 -2.64 0.00	18.70 -2.25 0.00	20.16 -2.29 0.00	20.90 -2.04 0.00	17.76 -0.93 0.00
ONEIDA_HERK_LFGE 323681	16.46 0.06 0.00	16.97 -0.04 0.00	17.55 0.01 0.00	14.12 -0.07 0.00	17.47 -0.18 0.00	16.36 -0.14 0.00	18.25 -0.14 0.00	17.50 -0.07 0.00	17.64 0.03 0.00	15.60 -0.08 0.00	15.21 -0.07 0.00	13.10 -0.11 0.00	10.51 -0.13 0.00	9.13 -0.12 0.00	10.33 -0.17 0.00	10.22 -0.18 0.00	14.22 -0.25 0.00	19.62 -0.19 0.00	23.10 -0.08 0.00	22.99 0.09 0.00	21.05 0.11 0.00	22.62 0.18 0.00	23.09 0.14 0.00	18.82 0.13 0.00
ONEIDA___115KV_TB4 55905	16.67 0.27 0.00	17.26 0.25 0.00	17.80 0.27 0.00	14.39 0.20 0.00	17.88 0.22 0.00	16.73 0.23 0.00	18.67 0.28 0.00	17.88 0.31 0.00	17.94 0.33 0.00	15.95 0.27 0.00	15.54 0.26 0.00	13.37 0.16 0.00	10.75 0.10 0.00	9.35 0.11 0.00	10.60 0.11 0.00	10.49 0.10 0.00	14.61 0.15 0.00	20.15 0.34 0.00	23.64 0.46 0.00	23.43 0.53 0.00	21.44 0.50 0.00	22.95 0.51 0.00	23.42 0.48 0.00	19.11 0.42 0.00
ONONDAGA_REF_OCCRA 23987	16.37 -0.03 0.00	17.00 -0.01 0.00	17.54 0.00 0.00	14.18 0.00 0.00	17.64 -0.01 0.00	16.52 0.01 0.00	18.40 0.01 0.00	17.59 0.03 0.00	17.60 -0.01 0.00	15.65 -0.03 0.00	15.22 -0.06 0.00	13.12 -0.10 0.00	10.59 -0.05 0.00	9.21 -0.04 0.00	10.45 -0.04 0.00	10.36 -0.04 0.00	14.44 -0.03 0.00	19.74 -0.07 0.00	23.08 -0.10 0.00	22.83 -0.07 0.00	20.91 -0.03 0.00	22.38 -0.07 0.00	22.88 -0.06 0.00	18.72 0.04 0.00
ONONDAGA___COGEN 23986	16.37 -0.03 0.00	17.02 0.01 0.00	17.55 0.02 0.00	14.20 0.01 0.00	17.66 0.00 0.00	16.53 0.03 0.00	18.42 0.03 0.00	17.60 0.04 0.00	17.61 0.00 0.00	15.66 -0.02 0.00	15.22 -0.06 0.00	13.12 -0.09 0.00	10.60 -0.04 0.00	9.22 -0.03 0.00	10.45 -0.04 0.00	10.36 -0.04 0.00	14.46 -0.01 0.00	19.73 -0.07 0.00	23.07 -0.11 0.00	22.82 -0.08 0.00	20.90 -0.04 0.00	22.35 -0.09 0.00	22.87 -0.07 0.00	18.72 0.04 0.00
ONTARIO___LFGE 23819	16.27 -0.13 0.00	17.09 0.08 0.00	17.67 0.13 0.00	14.27 0.08 0.00	17.75 0.09 0.00	16.60 0.09 0.00	18.50 0.10 0.00	17.63 0.07 0.00	17.54 -0.07 0.00	15.55 -0.13 0.00	14.95 -0.32 0.00	12.83 -0.39 0.00	10.42 -0.22 0.00	9.11 -0.14 0.00	10.36 -0.13 0.00	10.29 -0.11 0.00	14.56 0.09 0.00	19.93 0.13 0.00	23.35 0.17 0.00	23.09 0.19 0.00	21.28 0.34 0.00	22.77 0.33 0.00	23.30 0.36 0.00	19.10 0.42 0.00
ORANGEVILLE_WT_PWR 323706	15.36 -1.04 0.00	16.15 -0.86 0.00	16.67 -0.87 0.00	13.44 -0.75 0.00	16.60 -1.06 0.00	15.58 -0.92 0.00	17.23 -1.16 0.00	16.39 -1.17 0.00	16.18 -1.43 0.00	14.16 -1.52 0.00	13.59 -1.69 0.00	11.58 -1.64 0.00	9.41 -1.24 0.00	8.29 -0.96 0.00	9.43 -1.06 0.00	9.50 -0.90 0.00	13.31 -1.16 0.00	18.02 -1.78 0.00	20.98 -2.21 0.00	20.66 -2.24 0.00	19.15 -1.79 0.00	20.67 -1.78 0.00	21.43 -1.52 0.00	18.05 -0.63 0.00
ORANGEVILLE___ESR 323794	15.36 -1.04 0.00	16.15 -0.86 0.00	16.67 -0.87 0.00	13.44 -0.75 0.00	16.60 -1.06 0.00	15.58 -0.92 0.00	17.23 -1.16 0.00	16.39 -1.17 0.00	16.18 -1.43 0.00	14.16 -1.52 0.00	13.59 -1.69 0.00	11.58 -1.64 0.00	9.41 -1.24 0.00	8.29 -0.96 0.00	9.43 -1.06 0.00	9.50 -0.90 0.00	13.31 -1.16 0.00	18.02 -1.78 0.00	20.98 -2.21 0.00	20.66 -2.24 0.00	19.15 -1.79 0.00	20.67 -1.78 0.00	21.43 -1.52 0.00	18.05 -0.63 0.00
OSWEGATCHIE___HYD 24044	15.84 -0.56 0.00	16.29 -0.72 0.00	16.86 -0.68 0.00	13.51 -0.68 0.00	16.66 -1.00 0.00	15.61 -0.89 0.00	17.42 -0.97 0.00	16.67 -0.88 0.00	16.87 -0.74 0.00	14.85 -0.83 0.00	14.51 -0.77 0.00	12.49 -0.72 0.00	10.05 -0.60 0.00	8.72 -0.53 0.00	9.85 -0.64 0.00	9.72 -0.67 0.00	13.51 -0.96 0.00	18.65 -1.15 0.00	22.02 -1.16 0.00	21.92 -0.98 0.00	20.06 -0.88 0.00	21.65 -0.79 0.00	22.12 -0.82 0.00	17.99 -0.69 0.00
OSWEGO___5 23606	16.14 -0.26 0.00	16.77 -0.24 0.00	17.29 -0.24 0.00	13.98 -0.20 0.00	17.40 -0.26 0.00	16.28 -0.22 0.00	18.13 -0.26 0.00	17.31 -0.25 0.00	17.33 -0.27 0.00	15.41 -0.27 0.00	14.99 -0.29 0.00	12.94 -0.27 0.00	10.44 -0.20 0.00	9.09 -0.17 0.00	10.30 -0.19 0.00	10.20 -0.19 0.00	14.21 -0.26 0.00	19.38 -0.42 0.00	22.66 -0.52 0.00	22.40 -0.50 0.00	20.52 -0.42 0.00	21.97 -0.47 0.00	22.47 -0.47 0.00	18.40 -0.29 0.00
OSWEGO___6 23613	16.14 -0.26 0.00	16.77 -0.24 0.00	17.29 -0.24 0.00	13.98 -0.20 0.00	17.40 -0.26 0.00	16.28 -0.22 0.00	18.13 -0.26 0.00	17.31 -0.25 0.00	17.33 -0.27 0.00	15.41 -0.27 0.00	14.99 -0.29 0.00	12.94 -0.27 0.00	10.44 -0.20 0.00	9.09 -0.17 0.00	10.30 -0.19 0.00	10.20 -0.19 0.00	14.21 -0.26 0.00	19.38 -0.42 0.00	22.66 -0.52 0.00	22.40 -0.50 0.00	20.52 -0.42 0.00	21.97 -0.47 0.00	22.47 -0.47 0.00	18.40 -0.29 0.00
OUTOKUMPU-AB___DRP 24206	15.48 -0.92 0.00	16.30 -0.71 0.00	16.83 -0.71 0.00	13.56 -0.63 0.00	16.74 -0.92 0.00	15.76 -0.75 0.00	17.39 -1.00 0.00	16.44 -1.12 0.00	16.34 -1.27 0.00	14.28 -1.40 0.00	13.80 -1.48 0.00	11.80 -1.42 0.00	9.63 -1.02 0.00	8.48 -0.77 0.00	9.59 -0.90 0.00	9.64 -0.75 0.00	13.51 -0.96 0.00	18.28 -1.52 0.00	21.25 -1.94 0.00	20.83 -2.07 0.00	19.23 -1.71 0.00	20.73 -1.71 0.00	21.48 -1.47 0.00	18.19 -0.49 0.00
OXBOW___BTM 323836	15.31 -1.09 0.00	16.13 -0.88 0.00	16.65 -0.88 0.00	13.41 -0.77 0.00	16.56 -1.10 0.00	15.59 -0.91 0.00	17.20 -1.20 0.00	16.25 -1.31 0.00	16.14 -1.47 0.00	14.11 -1.57 0.00	13.65 -1.63 0.00	11.68 -1.54 0.00	9.52 -1.12 0.00	8.39 -0.86 0.00	9.48 -1.01 0.00	9.53 -0.87 0.00	13.36 -1.11 0.00	18.06 -1.74 0.00	20.99 -2.19 0.00	20.56 -2.34 0.00	18.98 -1.96 0.00	20.46 -1.98 0.00	21.21 -1.74 0.00	17.97 -0.71 0.00

OXBOW____ 24026	15.32 -1.08 0.00	16.13 -0.88 0.00	16.65 -0.88 0.00	13.41 -0.77 0.00	16.56 -1.10 0.00	15.59 -0.91 0.00	17.20 -1.20 0.00	16.25 -1.31 0.00	16.14 -1.46 0.00	14.11 -1.57 0.00	13.65 -1.63 0.00	11.68 -1.54 0.00	9.52 -1.12 0.00	8.39 -0.86 0.00	9.48 -1.01 0.00	9.52 -0.87 0.00	13.36 -1.11 0.00	18.06 -1.74 0.00	20.99 -2.19 0.00	20.56 -2.33 0.00	18.98 -1.96 0.00	20.46 -1.98 0.00	21.20 -1.74 0.00	17.99 -0.69 0.00
OXY_CHEM_DSASP 323612	15.14 -1.26 0.00	15.95 -1.06 0.00	16.47 -1.07 0.00	13.26 -0.92 0.00	16.37 -1.28 0.00	15.42 -1.08 0.00	16.99 -1.40 0.00	16.03 -1.52 0.00	15.94 -1.67 0.00	13.94 -1.74 0.00	13.49 -1.79 0.00	11.55 -1.67 0.00	9.41 -1.23 0.00	8.29 -0.96 0.00	9.36 -1.13 0.00	9.40 -1.00 0.00	13.20 -1.27 0.00	17.82 -1.98 0.00	20.70 -2.48 0.00	20.27 -2.63 0.00	18.70 -2.25 0.00	20.16 -2.28 0.00	20.91 -2.04 0.00	17.77 -0.91 0.00
OZONE_PARK_ESR 323760	17.23 0.83 0.00	17.81 0.80 0.00	18.30 0.77 0.00	14.83 0.65 0.00	18.47 0.82 0.00	17.23 0.72 0.00	19.28 0.89 0.00	18.53 0.97 0.00	18.54 0.93 0.00	16.55 0.86 0.00	16.15 0.87 0.00	13.94 0.73 0.00	11.21 0.56 0.00	9.71 0.46 0.00	11.09 0.60 0.00	11.03 0.63 0.00	15.34 0.87 0.00	21.01 1.21 0.00	24.67 1.49 0.00	24.47 1.58 0.00	22.39 1.45 0.00	23.84 1.39 0.00	24.28 1.34 0.00	19.64 0.95 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	15.14 -1.26 0.00	15.95 -1.06 0.00	16.47 -1.07 0.00	13.26 -0.92 0.00	16.37 -1.28 0.00	15.42 -1.08 0.00	16.99 -1.40 0.00	16.03 -1.52 0.00	15.94 -1.67 0.00	13.94 -1.74 0.00	13.49 -1.79 0.00	11.55 -1.67 0.00	9.41 -1.23 0.00	8.29 -0.96 0.00	9.36 -1.13 0.00	9.40 -1.00 0.00	13.20 -1.27 0.00	17.82 -1.98 0.00	20.70 -2.48 0.00	20.27 -2.63 0.00	18.70 -2.25 0.00	20.16 -2.28 0.00	20.91 -2.04 0.00	17.77 -0.91 0.00
PACKARD__115KV_DUPONT_184 80571	15.14 -1.26 0.00	15.95 -1.06 0.00	16.47 -1.07 0.00	13.26 -0.92 0.00	16.37 -1.28 0.00	15.42 -1.08 0.00	16.99 -1.40 0.00	16.03 -1.52 0.00	15.94 -1.67 0.00	13.94 -1.74 0.00	13.49 -1.79 0.00	11.55 -1.67 0.00	9.41 -1.23 0.00	8.29 -0.96 0.00	9.36 -1.13 0.00	9.40 -1.00 0.00	13.20 -1.27 0.00	17.82 -1.98 0.00	20.70 -2.48 0.00	20.27 -2.63 0.00	18.70 -2.25 0.00	20.16 -2.28 0.00	20.91 -2.04 0.00	17.77 -0.91 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	17.09 0.69 0.00	17.66 0.65 0.00	18.17 0.64 0.00	14.71 0.52 0.00	18.34 0.69 0.00	17.10 0.60 0.00	19.15 0.75 0.00	18.36 0.80 0.00	18.36 0.76 0.00	16.40 0.72 0.00	16.04 0.76 0.00	13.84 0.62 0.00	11.12 0.48 0.00	9.63 0.39 0.00	10.99 0.50 0.00	10.92 0.53 0.00	15.19 0.72 0.00	20.79 0.99 0.00	24.42 1.24 0.00	24.24 1.34 0.00	22.17 1.23 0.00	23.58 1.13 0.00	24.05 1.10 0.00	19.47 0.79 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	17.09 0.69 0.00	17.67 0.66 0.00	18.18 0.64 0.00	14.72 0.54 0.00	18.34 0.69 0.00	17.10 0.60 0.00	19.15 0.75 0.00	18.37 0.81 0.00	18.36 0.76 0.00	16.40 0.72 0.00	16.04 0.76 0.00	13.84 0.62 0.00	11.12 0.48 0.00	9.64 0.39 0.00	10.99 0.50 0.00	10.92 0.53 0.00	15.19 0.72 0.00	20.80 0.99 0.00	24.42 1.24 0.00	24.24 1.34 0.00	22.17 1.23 0.00	23.58 1.13 0.00	24.05 1.10 0.00	19.47 0.79 0.00
PATROON__115KV_TB1 80586	16.82 0.42 0.00	17.42 0.41 0.00	17.98 0.44 0.00	14.56 0.37 0.00	18.15 0.49 0.00	16.94 0.44 0.00	18.88 0.49 0.00	18.04 0.48 0.00	18.12 0.51 0.00	16.19 0.51 0.00	15.77 0.49 0.00	13.66 0.44 0.00	10.98 0.33 0.00	9.51 0.26 0.00	10.81 0.32 0.00	10.72 0.32 0.00	14.91 0.44 0.00	20.43 0.63 0.00	23.93 0.75 0.00	23.67 0.77 0.00	21.58 0.64 0.00	23.09 0.64 0.00	23.56 0.62 0.00	19.12 0.44 0.00
PATTRSNVILLE__SOLAR 323815	16.83 0.43 0.00	17.44 0.43 0.00	17.97 0.44 0.00	14.54 0.36 0.00	18.14 0.48 0.00	16.94 0.43 0.00	18.88 0.49 0.00	18.04 0.48 0.00	18.10 0.49 0.00	16.10 0.42 0.00	15.68 0.40 0.00	13.59 0.38 0.00	10.88 0.24 0.00	9.44 0.20 0.00	10.72 0.23 0.00	10.63 0.23 0.00	14.79 0.32 0.00	20.28 0.48 0.00	23.89 0.71 0.00	23.67 0.78 0.00	21.62 0.68 0.00	23.15 0.70 0.00	23.61 0.67 0.00	19.19 0.51 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	15.97 -0.43 0.00	16.79 -0.22 0.00	17.34 -0.19 0.00	13.98 -0.20 0.00	17.29 -0.36 0.00	16.26 -0.25 0.00	17.99 -0.41 0.00	17.07 -0.49 0.00	16.93 -0.68 0.00	14.84 -0.84 0.00	14.27 -1.01 0.00	12.19 -1.03 0.00	9.94 -0.71 0.00	8.76 -0.49 0.00	9.93 -0.56 0.00	9.97 -0.43 0.00	13.98 -0.48 0.00	18.93 -0.88 0.00	22.00 -1.18 0.00	21.56 -1.34 0.00	19.91 -1.02 0.00	21.47 -0.97 0.00	22.22 -0.72 0.00	18.72 0.04 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	17.08 0.68 0.00	17.67 0.66 0.00	18.20 0.66 0.00	14.74 0.55 0.00	18.37 0.71 0.00	17.15 0.64 0.00	19.17 0.78 0.00	18.38 0.82 0.00	18.42 0.81 0.00	16.45 0.77 0.00	16.03 0.76 0.00	13.86 0.64 0.00	11.14 0.50 0.00	9.65 0.39 0.00	10.99 0.50 0.00	10.92 0.53 0.00	15.22 0.75 0.00	20.87 1.07 0.00	24.48 1.30 0.00	24.25 1.35 0.00	22.17 1.23 0.00	23.64 1.20 0.00	24.06 1.12 0.00	19.47 0.79 0.00
PEEKSKILL____ 23653	16.96 0.56 0.00	17.53 0.52 0.00	18.05 0.51 0.00	14.62 0.43 0.00	18.22 0.56 0.00	17.01 0.50 0.00	19.03 0.64 0.00	18.24 0.68 0.00	18.25 0.64 0.00	16.30 0.62 0.00	15.90 0.62 0.00	13.73 0.52 0.00	11.03 0.39 0.00	9.56 0.31 0.00	10.91 0.41 0.00	10.83 0.44 0.00	15.08 0.61 0.00	20.69 0.89 0.00	24.27 1.09 0.00	24.03 1.14 0.00	21.98 1.04 0.00	23.44 0.99 0.00	23.89 0.94 0.00	19.33 0.65 0.00
PGE MADISON__WINDPWR 24146	17.02 0.63 0.00	17.38 0.37 0.00	18.23 0.69 0.00	14.75 0.56 0.00	18.59 0.94 0.00	17.49 0.98 0.00	19.40 1.00 0.00	18.54 0.98 0.00	18.60 0.99 0.00	16.53 0.85 0.00	16.02 0.74 0.00	13.70 0.49 0.00	11.07 0.43 0.00	9.56 0.31 0.00	10.78 0.29 0.00	10.67 0.27 0.00	14.95 0.49 0.00	21.02 1.22 0.00	24.72 1.53 0.00	24.61 1.71 0.00	22.59 1.65 0.00	24.21 1.77 0.00	24.67 1.73 0.00	20.14 1.46 0.00
PIERCEFIELD__HYD 23852	15.93 -0.47 0.00	16.47 -0.54 0.00	16.95 -0.58 0.00	13.65 -0.53 0.00	16.92 -0.74 0.00	15.85 -0.65 0.00	17.68 -0.72 0.00	16.85 -0.71 0.00	16.99 -0.62 0.00	15.06 -0.62 0.00	14.73 -0.55 0.00	12.75 -0.46 0.00	10.28 -0.36 0.00	8.95 -0.30 0.00	10.10 -0.39 0.00	9.97 -0.42 0.00	13.86 -0.61 0.00	19.06 -0.75 0.00	22.37 -0.81 0.00	22.08 -0.82 0.00	20.16 -0.78 0.00	21.73 -0.71 0.00	22.24 -0.70 0.00	18.01 -0.67 0.00
PINELAWN_CC_1 323563	17.28 0.88 0.00	17.85 0.84 0.00	18.34 0.80 0.00	14.84 0.66 0.00	18.48 0.82 0.00	17.22 0.72 0.00	19.25 0.86 0.00	18.45 0.90 0.00	18.40 0.79 0.00	16.38 0.70 0.00	16.03 0.75 0.00	13.80 0.58 0.00	11.07 0.43 0.00	9.58 0.33 0.00	10.94 0.45 0.00	10.93 0.54 0.00	15.26 0.79 0.00	20.93 1.13 0.00	24.60 1.42 0.00	24.28 1.39 0.00	22.27 1.33 0.00	23.81 1.37 0.00	24.23 1.29 0.00	19.62 0.94 0.00

PJM_GEN_HTP_PROXY 323702	17.08 0.68 0.00	17.66 0.65 0.00	18.15 0.62 0.00	14.71 0.53 0.00	18.33 0.68 0.00	17.09 0.58 0.00	19.12 0.73 0.00	18.37 0.81 0.00	18.39 0.78 0.00	16.40 0.72 0.00	16.01 0.73 0.00	13.83 0.61 0.00	11.12 0.48 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.93 0.54 0.00	15.19 0.72 0.00	20.82 1.01 0.00	24.46 1.28 0.00	24.26 1.36 0.00	22.18 1.24 0.00	23.61 1.16 0.00	24.35 1.11 -0.30	19.45 0.77 0.00
PJM_GEN_KEystone 24065	16.31 -0.09 0.00	16.97 -0.05 0.00	17.49 -0.04 0.00	14.15 -0.04 0.00	17.59 -0.07 0.00	16.47 -0.04 0.00	18.38 -0.01 0.00	17.66 0.00 -0.10	17.48 -0.12 0.00	15.50 -0.18 0.00	15.04 -0.23 0.00	12.96 -0.25 0.00	10.48 -0.16 0.00	9.14 -0.11 0.00	10.41 -0.08 0.00	10.38 -0.02 0.00	14.48 0.01 0.00	19.77 -0.03 0.00	23.07 -0.11 0.00	23.20 -0.16 -0.46	20.88 -0.06 0.00	22.35 -0.09 0.00	23.26 0.02 -0.30	18.84 0.16 0.00
PJM_GEN_NEPTUNE_PROXY 323594	17.12 0.72 0.00	17.69 0.68 0.00	18.18 0.65 0.00	14.72 0.53 0.00	18.33 0.68 0.00	17.10 0.59 0.00	19.11 0.71 0.00	18.33 0.76 0.00	18.29 0.69 0.00	16.31 0.63 0.00	15.95 0.67 0.00	13.76 0.54 0.00	11.04 0.40 0.00	9.56 0.31 0.00	10.92 0.42 0.00	10.88 0.49 0.00	15.16 0.70 0.00	20.79 0.98 0.00	24.41 1.23 0.00	24.11 1.21 0.00	22.09 1.15 0.00	23.60 1.16 0.00	24.33 1.09 -0.30	19.45 0.77 0.00
PJM_GEN_VFT_PROXY 323633	16.98 0.58 0.00	17.54 0.53 0.00	18.03 0.50 0.00	14.61 0.43 0.00	18.21 0.56 0.00	16.99 0.48 0.00	19.02 0.63 0.00	18.27 0.71 0.00	18.29 0.68 0.00	16.32 0.64 0.00	15.92 0.64 0.00	13.75 0.54 0.00	11.06 0.41 0.00	9.58 0.33 0.00	10.94 0.44 0.00	10.87 0.47 0.00	15.11 0.64 0.00	20.71 0.90 0.00	24.32 1.14 0.00	24.11 1.21 0.00	22.05 1.11 0.00	23.47 1.03 0.00	24.22 0.98 -0.30	19.34 0.66 0.00
PLATSBURG_115KV_PMLD1 355749	16.52 0.12 0.00	17.13 0.12 0.00	17.65 0.11 0.00	14.31 0.12 0.00	17.85 0.19 0.00	16.66 0.16 0.00	18.53 0.13 0.00	17.37 -0.19 0.00	17.55 -0.06 0.00	15.60 -0.08 0.00	15.17 -0.11 0.00	13.20 -0.02 0.00	10.64 0.00 0.00	9.29 0.04 0.00	10.38 -0.11 0.00	10.20 -0.20 0.00	14.30 -0.17 0.00	19.67 -0.14 0.00	23.03 -0.15 0.00	22.49 -0.41 0.00	20.46 -0.48 0.00	22.04 -0.40 0.00	22.58 -0.36 0.00	18.22 -0.46 0.00
PLEASANTVLY__LBMP 24000	16.84 0.44 0.00	17.43 0.42 0.00	17.96 0.43 0.00	14.55 0.37 0.00	18.14 0.48 0.00	16.93 0.42 0.00	18.92 0.53 0.00	18.12 0.56 0.00	18.14 0.54 0.00	16.23 0.55 0.00	15.83 0.55 0.00	13.68 0.47 0.00	10.99 0.35 0.00	9.51 0.26 0.00	10.84 0.35 0.00	10.77 0.37 0.00	14.98 0.52 0.00	20.54 0.73 0.00	24.07 0.89 0.00	23.84 0.94 0.00	21.78 0.84 0.00	23.25 0.80 0.00	23.68 0.73 0.00	19.18 0.49 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	17.00 0.60 0.00	17.58 0.57 0.00	18.09 0.56 0.00	14.65 0.47 0.00	18.26 0.60 0.00	17.05 0.54 0.00	19.06 0.67 0.00	18.27 0.71 0.00	18.29 0.68 0.00	16.34 0.66 0.00	15.94 0.66 0.00	13.76 0.55 0.00	11.06 0.42 0.00	9.58 0.33 0.00	10.93 0.43 0.00	10.85 0.46 0.00	15.11 0.64 0.00	20.71 0.91 0.00	24.30 1.11 0.00	24.06 1.16 0.00	22.00 1.06 0.00	23.47 1.02 0.00	23.90 0.95 0.00	19.34 0.66 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	17.00 0.60 0.00	17.58 0.57 0.00	18.09 0.56 0.00	14.65 0.47 0.00	18.26 0.60 0.00	17.05 0.54 0.00	19.06 0.67 0.00	18.27 0.71 0.00	18.29 0.68 0.00	16.34 0.66 0.00	15.94 0.66 0.00	13.76 0.55 0.00	11.06 0.42 0.00	9.58 0.33 0.00	10.93 0.43 0.00	10.85 0.46 0.00	15.11 0.64 0.00	20.71 0.91 0.00	24.30 1.11 0.00	24.06 1.16 0.00	22.00 1.06 0.00	23.47 1.02 0.00	23.90 0.95 0.00	19.34 0.66 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	16.98 0.58 0.00	17.57 0.56 0.00	18.11 0.57 0.00	14.67 0.48 0.00	18.28 0.62 0.00	17.06 0.56 0.00	19.07 0.68 0.00	18.28 0.71 0.00	18.31 0.70 0.00	16.36 0.68 0.00	15.94 0.66 0.00	13.78 0.57 0.00	11.06 0.42 0.00	9.57 0.33 0.00	10.93 0.43 0.00	10.84 0.45 0.00	15.12 0.65 0.00	20.74 0.94 0.00	24.33 1.15 0.00	24.09 1.19 0.00	22.01 1.07 0.00	23.49 1.05 0.00	23.91 0.96 0.00	19.36 0.67 0.00
POLETTI____ 23519	17.10 0.70 0.00	17.67 0.66 0.00	18.16 0.63 0.00	14.72 0.54 0.00	18.34 0.69 0.00	17.11 0.60 0.00	19.13 0.74 0.00	18.39 0.83 0.00	18.39 0.79 0.00	16.41 0.73 0.00	16.02 0.74 0.00	13.84 0.62 0.00	11.13 0.48 0.00	9.64 0.39 0.00	11.00 0.51 0.00	10.94 0.55 0.00	15.21 0.74 0.00	20.84 1.04 0.00	24.47 1.29 0.00	24.27 1.37 0.00	22.19 1.25 0.00	23.63 1.18 0.00	24.07 1.13 0.00	19.47 0.78 0.00
POMONA____ESR 323819	16.97 0.57 0.00	17.54 0.53 0.00	18.05 0.52 0.00	14.62 0.43 0.00	18.22 0.57 0.00	17.02 0.51 0.00	19.06 0.67 0.00	18.26 0.70 0.00	18.26 0.66 0.00	16.31 0.63 0.00	15.90 0.62 0.00	13.73 0.52 0.00	11.04 0.39 0.00	9.56 0.31 0.00	10.90 0.41 0.00	10.84 0.45 0.00	15.09 0.61 0.00	20.72 0.91 0.00	24.29 1.11 0.00	24.05 1.15 0.00	21.99 1.05 0.00	23.45 1.01 0.00	23.92 0.97 0.00	19.37 0.68 0.00
PORT_JEFF_3 23555	17.34 0.94 0.00	17.92 0.91 0.00	18.40 0.87 0.00	14.89 0.71 0.00	18.55 0.89 0.00	17.29 0.78 0.00	19.31 0.91 0.00	18.50 0.94 0.00	18.42 0.81 0.00	16.36 0.68 0.00	16.01 0.73 0.00	13.78 0.56 0.00	11.05 0.41 0.00	9.57 0.32 0.00	10.93 0.43 0.00	10.93 0.54 0.00	15.26 0.79 0.00	20.92 1.12 0.00	24.62 1.44 0.00	24.23 1.33 0.00	22.22 1.28 0.00	23.82 1.38 0.00	24.23 1.28 0.00	19.64 0.95 0.00
PORT_JEFF_4 23616	17.34 0.94 0.00	17.92 0.91 0.00	18.40 0.87 0.00	14.89 0.71 0.00	18.55 0.89 0.00	17.29 0.78 0.00	19.31 0.91 0.00	18.50 0.94 0.00	18.42 0.81 0.00	16.36 0.68 0.00	16.01 0.73 0.00	13.78 0.56 0.00	11.05 0.41 0.00	9.57 0.32 0.00	10.93 0.43 0.00	10.93 0.54 0.00	15.26 0.79 0.00	20.92 1.12 0.00	24.62 1.44 0.00	24.23 1.33 0.00	22.22 1.28 0.00	23.82 1.38 0.00	24.23 1.28 0.00	19.64 0.95 0.00
PORT_JEFF_IC 23713	17.35 0.95 0.00	17.93 0.92 0.00	18.40 0.87 0.00	14.90 0.71 0.00	18.55 0.89 0.00	17.29 0.78 0.00	19.31 0.92 0.00	18.51 0.95 0.00	18.42 0.82 0.00	16.36 0.68 0.00	16.02 0.73 0.00	13.78 0.57 0.00	11.05 0.41 0.00	9.56 0.31 0.00	10.92 0.43 0.00	10.93 0.54 0.00	15.26 0.79 0.00	20.93 1.12 0.00	24.63 1.45 0.00	24.23 1.34 0.00	22.22 1.28 0.00	23.83 1.39 0.00	24.23 1.29 0.00	19.64 0.95 0.00
PPL PILGRIM_ST_GT1 24216	17.38 0.98 0.00	17.96 0.95 0.00	18.45 0.92 0.00	14.93 0.75 0.00	18.59 0.94 0.00	17.33 0.82 0.00	19.35 0.95 0.00	18.55 0.99 0.00	18.47 0.87 0.00	16.44 0.76 0.00	16.10 0.82 0.00	13.86 0.65 0.00	11.13 0.48 0.00	9.63 0.38 0.00	11.00 0.50 0.00	10.99 0.59 0.00	15.33 0.86 0.00	21.02 1.21 0.00	24.71 1.53 0.00	24.36 1.46 0.00	22.34 1.40 0.00	23.91 1.47 0.00	24.34 1.39 0.00	19.71 1.03 0.00

PPL PILGRIM_ST_GT2 24217	17.38 0.98 0.00	17.96 0.95 0.00	18.45 0.92 0.00	14.93 0.75 0.00	18.59 0.94 0.00	17.33 0.82 0.00	19.35 0.95 0.00	18.55 0.99 0.00	18.47 0.87 0.00	16.44 0.76 0.00	16.10 0.82 0.00	13.86 0.65 0.00	11.13 0.48 0.00	9.63 0.38 0.00	11.00 0.50 0.00	10.99 0.59 0.00	15.33 0.86 0.00	21.02 1.21 0.00	24.71 1.53 0.00	24.36 1.46 0.00	22.34 1.40 0.00	23.91 1.47 0.00	24.34 1.39 0.00	19.71 1.03 0.00
PPL_SHRM_GT3 24213	17.32 0.92 0.00	17.89 0.88 0.00	18.37 0.83 0.00	14.86 0.68 0.00	18.50 0.85 0.00	17.25 0.74 0.00	19.28 0.88 0.00	18.46 0.90 0.00	18.33 0.72 0.00	16.22 0.54 0.00	15.86 0.58 0.00	13.62 0.41 0.00	10.94 0.30 0.00	9.46 0.21 0.00	10.80 0.31 0.00	10.83 0.44 0.00	15.13 0.66 0.00	20.75 0.95 0.00	24.43 1.25 0.00	23.97 1.07 0.00	21.98 1.04 0.00	23.69 1.24 0.00	24.04 1.10 0.00	19.50 0.82 0.00
PPL_SHRM_GT4 24214	17.32 0.92 0.00	17.89 0.88 0.00	18.37 0.83 0.00	14.86 0.68 0.00	18.50 0.85 0.00	17.25 0.74 0.00	19.28 0.88 0.00	18.46 0.90 0.00	18.33 0.72 0.00	16.22 0.54 0.00	15.86 0.58 0.00	13.62 0.41 0.00	10.94 0.30 0.00	9.46 0.21 0.00	10.80 0.31 0.00	10.83 0.44 0.00	15.13 0.66 0.00	20.75 0.95 0.00	24.43 1.25 0.00	23.97 1.07 0.00	21.98 1.04 0.00	23.69 1.24 0.00	24.04 1.10 0.00	19.50 0.82 0.00
PROJECT___ORANGE 1 24174	16.30 -0.10 0.00	16.93 -0.08 0.00	17.46 -0.07 0.00	14.12 -0.06 0.00	17.56 -0.09 0.00	16.44 -0.07 0.00	18.32 -0.08 0.00	17.50 -0.06 0.00	17.51 -0.10 0.00	15.57 -0.11 0.00	15.14 -0.14 0.00	13.06 -0.16 0.00	10.55 -0.10 0.00	9.17 -0.08 0.00	10.41 -0.09 0.00	10.31 -0.08 0.00	14.37 -0.10 0.00	19.61 -0.19 0.00	22.93 -0.25 0.00	22.67 -0.23 0.00	20.77 -0.16 0.00	22.23 -0.21 0.00	22.74 -0.21 0.00	18.62 -0.07 0.00
PROJECT___ORANGE 2 24166	16.30 -0.10 0.00	16.93 -0.08 0.00	17.46 -0.07 0.00	14.12 -0.06 0.00	17.56 -0.09 0.00	16.44 -0.07 0.00	18.32 -0.08 0.00	17.50 -0.06 0.00	17.51 -0.10 0.00	15.57 -0.11 0.00	15.14 -0.14 0.00	13.06 -0.16 0.00	10.55 -0.10 0.00	9.17 -0.08 0.00	10.41 -0.09 0.00	10.31 -0.08 0.00	14.37 -0.10 0.00	19.61 -0.19 0.00	22.93 -0.25 0.00	22.67 -0.23 0.00	20.77 -0.16 0.00	22.23 -0.21 0.00	22.74 -0.21 0.00	18.62 -0.07 0.00
PUCKETT___SOLAR 323809	16.46 0.06 0.00	16.97 -0.04 0.00	17.64 0.11 0.00	14.20 0.02 0.00	17.76 0.10 0.00	16.68 0.18 0.00	18.54 0.14 0.00	17.74 0.18 0.00	17.69 0.09 0.00	15.72 0.04 0.00	15.24 -0.04 0.00	13.10 -0.11 0.00	10.65 0.00 0.00	9.23 -0.02 0.00	10.45 -0.04 0.00	10.34 -0.05 0.00	14.56 0.09 0.00	20.06 0.25 0.00	23.41 0.23 0.00	23.19 0.29 0.00	21.31 0.36 0.00	22.87 0.42 0.00	23.38 0.43 0.00	19.09 0.41 0.00
PYRITES___HYD 24023	16.35 -0.05 0.00	16.92 -0.09 0.00	17.39 -0.14 0.00	14.02 -0.16 0.00	17.39 -0.27 0.00	16.30 -0.21 0.00	18.18 -0.22 0.00	17.31 -0.24 0.00	17.43 -0.17 0.00	15.42 -0.26 0.00	15.05 -0.22 0.00	13.04 -0.17 0.00	10.52 -0.12 0.00	9.16 -0.09 0.00	10.35 -0.15 0.00	10.22 -0.18 0.00	14.22 -0.25 0.00	19.61 -0.19 0.00	23.04 -0.14 0.00	22.76 -0.13 0.00	20.79 -0.15 0.00	22.38 -0.06 0.00	22.90 -0.04 0.00	18.54 -0.14 0.00
QUAKERRD_115KV_BK1 80622	15.59 -0.81 0.00	16.27 -0.74 0.00	16.79 -0.75 0.00	13.55 -0.63 0.00	16.82 -0.84 0.00	15.78 -0.72 0.00	17.54 -0.86 0.00	16.70 -0.86 0.00	16.67 -0.94 0.00	14.71 -0.97 0.00	14.28 -1.00 0.00	12.29 -0.92 0.00	9.97 -0.67 0.00	8.72 -0.53 0.00	9.88 -0.62 0.00	9.80 -0.60 0.00	13.75 -0.72 0.00	18.71 -1.09 0.00	21.84 -1.34 0.00	21.53 -1.37 0.00	19.76 -1.18 0.00	21.18 -1.26 0.00	21.75 -1.19 0.00	18.01 -0.67 0.00
QUENSBRY_115KV_TB8 356137	16.98 0.58 0.00	17.57 0.56 0.00	18.14 0.60 0.00	14.70 0.51 0.00	18.32 0.67 0.00	17.14 0.63 0.00	19.04 0.64 0.00	18.23 0.67 0.00	18.37 0.76 0.00	16.43 0.75 0.00	15.94 0.66 0.00	13.75 0.54 0.00	10.99 0.35 0.00	9.53 0.28 0.00	10.87 0.37 0.00	10.75 0.35 0.00	14.97 0.50 0.00	20.59 0.79 0.00	24.26 1.08 0.00	24.01 1.12 0.00	21.85 0.91 0.00	23.40 0.95 0.00	23.75 0.81 0.00	19.21 0.52 0.00
RAMAPO___LBMP 323565	16.91 0.51 0.00	17.48 0.47 0.00	17.99 0.46 0.00	14.58 0.39 0.00	18.17 0.51 0.00	16.97 0.46 0.00	19.00 0.61 0.00	18.20 0.64 0.00	18.20 0.60 0.00	16.25 0.57 0.00	15.84 0.56 0.00	13.68 0.47 0.00	11.00 0.35 0.00	9.53 0.28 0.00	10.87 0.37 0.00	10.80 0.41 0.00	15.02 0.56 0.00	20.64 0.83 0.00	24.20 1.02 0.00	23.95 1.05 0.00	21.90 0.96 0.00	23.36 0.92 0.00	23.83 0.88 0.00	19.29 0.61 0.00
RANKINE____ 23646	15.63 -0.77 0.00	16.45 -0.56 0.00	16.99 -0.54 0.00	13.70 -0.49 0.00	16.92 -0.73 0.00	15.91 -0.60 0.00	17.59 -0.81 0.00	16.68 -0.88 0.00	16.53 -1.08 0.00	14.48 -1.20 0.00	13.96 -1.32 0.00	11.92 -1.29 0.00	9.72 -0.93 0.00	8.57 -0.68 0.00	9.70 -0.79 0.00	9.74 -0.65 0.00	13.67 -0.80 0.00	18.48 -1.33 0.00	21.50 -1.68 0.00	21.09 -1.81 0.00	19.49 -1.45 0.00	21.03 -1.41 0.00	21.79 -1.15 0.00	18.38 -0.30 0.00
RAVENSWOOD_GT2_1 24244	17.10 0.70 0.00	17.66 0.66 0.00	18.17 0.63 0.00	14.72 0.54 0.00	18.34 0.69 0.00	17.11 0.60 0.00	19.14 0.75 0.00	18.38 0.82 0.00	18.38 0.78 0.00	16.41 0.73 0.00	16.01 0.73 0.00	13.83 0.62 0.00	11.12 0.48 0.00	9.63 0.39 0.00	11.00 0.51 0.00	10.93 0.54 0.00	15.20 0.73 0.00	20.83 1.03 0.00	24.46 1.28 0.00	24.25 1.35 0.00	22.17 1.23 0.00	23.61 1.17 0.00	24.06 1.11 0.00	19.46 0.78 0.00
RAVENSWOOD_GT2_2 24245	17.10 0.70 0.00	17.66 0.66 0.00	18.17 0.63 0.00	14.72 0.54 0.00	18.34 0.69 0.00	17.11 0.60 0.00	19.14 0.75 0.00	18.38 0.82 0.00	18.38 0.78 0.00	16.41 0.73 0.00	16.01 0.73 0.00	13.83 0.62 0.00	11.12 0.48 0.00	9.63 0.39 0.00	11.00 0.51 0.00	10.93 0.54 0.00	15.20 0.73 0.00	20.83 1.03 0.00	24.46 1.28 0.00	24.25 1.35 0.00	22.17 1.23 0.00	23.61 1.17 0.00	24.06 1.11 0.00	19.46 0.78 0.00
RAVENSWOOD_GT2_3 24246	17.10 0.70 0.00	17.67 0.66 0.00	18.17 0.64 0.00	14.73 0.54 0.00	18.35 0.70 0.00	17.11 0.61 0.00	19.14 0.75 0.00	18.38 0.83 0.00	18.39 0.78 0.00	16.41 0.73 0.00	16.02 0.74 0.00	13.84 0.62 0.00	11.13 0.48 0.00	9.64 0.39 0.00	11.00 0.51 0.00	10.94 0.54 0.00	15.20 0.74 0.00	20.84 1.03 0.00	24.46 1.28 0.00	24.26 1.36 0.00	22.18 1.24 0.00	23.62 1.18 0.00	24.07 1.13 0.00	19.47 0.79 0.00
RAVENSWOOD_GT2_4 24247	17.10 0.70 0.00	17.67 0.66 0.00	18.17 0.64 0.00	14.73 0.54 0.00	18.35 0.70 0.00	17.11 0.61 0.00	19.14 0.75 0.00	18.38 0.83 0.00	18.39 0.78 0.00	16.41 0.73 0.00	16.02 0.74 0.00	13.84 0.62 0.00	11.13 0.48 0.00	9.64 0.39 0.00	11.00 0.51 0.00	10.94 0.54 0.00	15.20 0.74 0.00	20.84 1.03 0.00	24.46 1.28 0.00	24.26 1.36 0.00	22.18 1.24 0.00	23.62 1.18 0.00	24.07 1.13 0.00	19.47 0.79 0.00

RAVENSWOOD_GT3_1 24248	17.10 0.70 0.00	17.66 0.66 0.00	18.17 0.63 0.00	14.72 0.54 0.00	18.34 0.69 0.00	17.11 0.60 0.00	19.14 0.75 0.00	18.38 0.82 0.00	18.38 0.78 0.00	16.41 0.73 0.00	16.01 0.74 0.00	13.83 0.62 0.00	11.12 0.48 0.00	9.64 0.39 0.00	11.00 0.51 0.00	10.93 0.54 0.00	15.20 0.73 0.00	20.83 1.03 0.00	24.46 1.28 0.00	24.25 1.35 0.00	22.17 1.23 0.00	23.61 1.17 0.00	24.06 1.12 0.00	19.46 0.78 0.00
RAVENSWOOD_GT3_2 24249	17.10 0.70 0.00	17.66 0.66 0.00	18.17 0.63 0.00	14.72 0.54 0.00	18.34 0.69 0.00	17.11 0.60 0.00	19.14 0.75 0.00	18.38 0.82 0.00	18.38 0.78 0.00	16.41 0.73 0.00	16.01 0.74 0.00	13.83 0.62 0.00	11.12 0.48 0.00	9.64 0.39 0.00	11.00 0.51 0.00	10.93 0.54 0.00	15.20 0.73 0.00	20.83 1.03 0.00	24.46 1.28 0.00	24.25 1.35 0.00	22.17 1.23 0.00	23.61 1.17 0.00	24.06 1.12 0.00	19.46 0.78 0.00
RAVENSWOOD_GT3_3 24250	17.12 0.72 0.00	17.69 0.68 0.00	18.19 0.66 0.00	14.74 0.55 0.00	18.36 0.71 0.00	17.12 0.62 0.00	19.16 0.77 0.00	18.40 0.84 0.00	18.41 0.80 0.00	16.43 0.75 0.00	16.04 0.76 0.00	13.85 0.63 0.00	11.14 0.49 0.00	9.65 0.40 0.00	11.01 0.52 0.00	10.95 0.55 0.00	15.22 0.75 0.00	20.86 1.06 0.00	24.49 1.31 0.00	24.28 1.38 0.00	22.20 1.26 0.00	23.64 1.20 0.00	24.09 1.15 0.00	19.49 0.80 0.00
RAVENSWOOD_GT3_4 24251	17.12 0.72 0.00	17.69 0.68 0.00	18.19 0.66 0.00	14.74 0.55 0.00	18.36 0.71 0.00	17.12 0.62 0.00	19.16 0.77 0.00	18.40 0.84 0.00	18.41 0.80 0.00	16.43 0.75 0.00	16.04 0.76 0.00	13.85 0.63 0.00	11.14 0.49 0.00	9.65 0.40 0.00	11.01 0.52 0.00	10.95 0.55 0.00	15.22 0.75 0.00	20.86 1.06 0.00	24.49 1.31 0.00	24.28 1.38 0.00	22.20 1.26 0.00	23.64 1.20 0.00	24.09 1.15 0.00	19.49 0.80 0.00
RAVENSWOOD_GT_1 23729	17.15 0.75 0.00	17.73 0.72 0.00	18.23 0.69 0.00	14.77 0.58 0.00	18.41 0.75 0.00	17.17 0.66 0.00	19.20 0.81 0.00	18.44 0.88 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.08 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.04 0.55 0.00	10.97 0.58 0.00	15.25 0.78 0.00	20.90 1.09 0.00	24.54 1.35 0.00	24.33 1.44 0.00	22.25 1.32 0.00	23.69 1.24 0.00	24.14 1.20 0.00	19.53 0.85 0.00
RAVENSWOOD_GT_10 24258	17.10 0.69 0.00	17.66 0.66 0.00	18.16 0.63 0.00	14.72 0.53 0.00	18.34 0.68 0.00	17.11 0.60 0.00	19.14 0.75 0.00	18.38 0.82 0.00	18.38 0.78 0.00	16.41 0.73 0.00	16.01 0.73 0.00	13.83 0.61 0.00	11.12 0.48 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.93 0.54 0.00	15.20 0.73 0.00	20.83 1.03 0.00	24.46 1.28 0.00	24.24 1.35 0.00	22.17 1.23 0.00	23.61 1.17 0.00	24.06 1.11 0.00	19.46 0.78 0.00
RAVENSWOOD_GT_11 24259	17.10 0.69 0.00	17.66 0.66 0.00	18.16 0.63 0.00	14.72 0.53 0.00	18.34 0.68 0.00	17.11 0.60 0.00	19.14 0.75 0.00	18.38 0.82 0.00	18.38 0.78 0.00	16.41 0.73 0.00	16.01 0.73 0.00	13.83 0.61 0.00	11.12 0.48 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.93 0.54 0.00	15.20 0.73 0.00	20.83 1.03 0.00	24.46 1.28 0.00	24.24 1.35 0.00	22.17 1.23 0.00	23.61 1.17 0.00	24.06 1.11 0.00	19.46 0.78 0.00
RAVENSWOOD_GT_4 24252	17.09 0.69 0.00	17.66 0.65 0.00	18.16 0.63 0.00	14.72 0.53 0.00	18.34 0.68 0.00	17.11 0.60 0.00	19.13 0.74 0.00	18.37 0.82 0.00	18.38 0.78 0.00	16.41 0.72 0.00	16.01 0.73 0.00	13.83 0.61 0.00	11.12 0.48 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.93 0.53 0.00	15.20 0.73 0.00	20.83 1.03 0.00	24.45 1.27 0.00	24.24 1.34 0.00	22.17 1.23 0.00	23.61 1.16 0.00	24.06 1.11 0.00	19.46 0.78 0.00
RAVENSWOOD_GT_5 24254	17.09 0.69 0.00	17.66 0.65 0.00	18.16 0.63 0.00	14.72 0.53 0.00	18.34 0.68 0.00	17.11 0.60 0.00	19.13 0.74 0.00	18.37 0.82 0.00	18.38 0.78 0.00	16.41 0.72 0.00	16.01 0.73 0.00	13.83 0.61 0.00	11.12 0.48 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.93 0.53 0.00	15.20 0.73 0.00	20.83 1.03 0.00	24.45 1.27 0.00	24.24 1.34 0.00	22.17 1.23 0.00	23.61 1.16 0.00	24.06 1.11 0.00	19.46 0.78 0.00
RAVENSWOOD_GT_6 24253	17.09 0.69 0.00	17.66 0.65 0.00	18.16 0.63 0.00	14.72 0.53 0.00	18.34 0.68 0.00	17.11 0.60 0.00	19.13 0.74 0.00	18.37 0.82 0.00	18.38 0.78 0.00	16.41 0.72 0.00	16.01 0.73 0.00	13.83 0.61 0.00	11.12 0.48 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.93 0.53 0.00	15.20 0.73 0.00	20.83 1.03 0.00	24.45 1.27 0.00	24.24 1.34 0.00	22.17 1.23 0.00	23.61 1.16 0.00	24.06 1.11 0.00	19.46 0.78 0.00
RAVENSWOOD_GT_7 24255	17.09 0.69 0.00	17.66 0.65 0.00	18.16 0.63 0.00	14.72 0.53 0.00	18.34 0.68 0.00	17.11 0.60 0.00	19.13 0.74 0.00	18.37 0.82 0.00	18.38 0.78 0.00	16.41 0.72 0.00	16.01 0.73 0.00	13.83 0.61 0.00	11.12 0.48 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.93 0.53 0.00	15.20 0.73 0.00	20.83 1.03 0.00	24.45 1.27 0.00	24.24 1.34 0.00	22.17 1.23 0.00	23.61 1.16 0.00	24.06 1.11 0.00	19.46 0.78 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	17.10 0.69 0.00	17.66 0.66 0.00	18.16 0.63 0.00	14.72 0.53 0.00	18.34 0.68 0.00	17.11 0.60 0.00	19.14 0.75 0.00	18.38 0.82 0.00	18.38 0.78 0.00	16.41 0.73 0.00	16.01 0.73 0.00	13.83 0.61 0.00	11.12 0.48 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.93 0.54 0.00	15.20 0.73 0.00	20.83 1.03 0.00	24.46 1.28 0.00	24.24 1.35 0.00	22.17 1.23 0.00	23.61 1.17 0.00	24.06 1.11 0.00	19.46 0.78 0.00
RAVENSWOOD_GT_9 24257	17.10 0.69 0.00	17.66 0.66 0.00	18.16 0.63 0.00	14.72 0.53 0.00	18.34 0.68 0.00	17.11 0.60 0.00	19.14 0.75 0.00	18.38 0.82 0.00	18.38 0.78 0.00	16.41 0.73 0.00	16.01 0.73 0.00	13.83 0.61 0.00	11.12 0.48 0.00	9.63 0.38 0.00	10.99 0.50 0.00	10.93 0.54 0.00	15.20 0.73 0.00	20.83 1.03 0.00	24.46 1.28 0.00	24.24 1.35 0.00	22.17 1.23 0.00	23.61 1.17 0.00	24.06 1.11 0.00	19.46 0.78 0.00
RAVENSWOOD___1 23533	17.12 0.72 0.00	17.69 0.68 0.00	18.20 0.66 0.00	14.74 0.55 0.00	18.37 0.71 0.00	17.13 0.62 0.00	19.16 0.77 0.00	18.39 0.83 0.00	18.40 0.79 0.00	16.43 0.75 0.00	16.05 0.77 0.00	13.86 0.64 0.00	11.15 0.51 0.00	9.65 0.41 0.00	11.02 0.53 0.00	10.95 0.56 0.00	15.22 0.76 0.00	20.85 1.05 0.00	24.49 1.30 0.00	24.28 1.39 0.00	22.21 1.27 0.00	23.64 1.19 0.00	24.09 1.15 0.00	19.49 0.81 0.00
RAVENSWOOD___2 23534	17.12 0.72 0.00	17.69 0.68 0.00	18.20 0.66 0.00	14.74 0.55 0.00	18.37 0.71 0.00	17.13 0.62 0.00	19.16 0.77 0.00	18.39 0.83 0.00	18.40 0.79 0.00	16.43 0.75 0.00	16.05 0.77 0.00	13.86 0.64 0.00	11.15 0.51 0.00	9.65 0.41 0.00	11.02 0.53 0.00	10.95 0.56 0.00	15.22 0.76 0.00	20.85 1.05 0.00	24.49 1.30 0.00	24.28 1.39 0.00	22.21 1.27 0.00	23.64 1.19 0.00	24.09 1.15 0.00	19.49 0.81 0.00

RAVENSWOOD___3 23535	17.10 0.70 0.00	17.66 0.66 0.00	18.17 0.63 0.00	14.72 0.54 0.00	18.34 0.69 0.00	17.11 0.60 0.00	19.14 0.74 0.00	18.37 0.81 0.00	18.39 0.78 0.00	16.41 0.73 0.00	16.02 0.74 0.00	13.83 0.62 0.00	11.12 0.48 0.00	9.64 0.39 0.00	11.00 0.51 0.00	10.93 0.54 0.00	15.20 0.73 0.00	20.83 1.03 0.00	24.46 1.28 0.00	24.25 1.35 0.00	22.17 1.23 0.00	23.61 1.17 0.00	24.06 1.12 0.00	19.46 0.78 0.00
RAVENSWOOD___4 23820	17.12 0.72 0.00	17.69 0.68 0.00	18.20 0.66 0.00	14.74 0.55 0.00	18.37 0.71 0.00	17.13 0.62 0.00	19.16 0.77 0.00	18.39 0.83 0.00	18.40 0.79 0.00	16.43 0.75 0.00	16.05 0.77 0.00	13.86 0.64 0.00	11.15 0.51 0.00	9.65 0.41 0.00	11.02 0.53 0.00	10.95 0.56 0.00	15.22 0.76 0.00	20.85 1.05 0.00	24.49 1.30 0.00	24.28 1.39 0.00	22.21 1.27 0.00	23.64 1.19 0.00	24.09 1.15 0.00	19.49 0.81 0.00
RCPL_TRUST___DRP 24196	17.10 0.70 0.00	17.67 0.66 0.00	18.17 0.64 0.00	14.73 0.54 0.00	18.35 0.70 0.00	17.11 0.60 0.00	19.14 0.75 0.00	18.40 0.84 0.00	18.41 0.80 0.00	16.42 0.74 0.00	16.02 0.74 0.00	13.84 0.62 0.00	11.13 0.49 0.00	9.64 0.39 0.00	11.01 0.52 0.00	10.95 0.55 0.00	15.21 0.74 0.00	20.85 1.04 0.00	24.48 1.30 0.00	24.28 1.39 0.00	22.21 1.27 0.00	23.63 1.19 0.00	24.09 1.14 0.00	19.49 0.80 0.00
RED___ROCHESTER 323720	15.93 -0.47 0.00	16.66 -0.35 0.00	17.19 -0.35 0.00	13.87 -0.32 0.00	17.18 -0.47 0.00	16.14 -0.36 0.00	17.93 -0.47 0.00	17.05 -0.50 0.00	17.00 -0.61 0.00	14.95 -0.73 0.00	14.50 -0.77 0.00	12.48 -0.73 0.00	10.14 -0.51 0.00	8.88 -0.36 0.00	10.06 -0.43 0.00	9.99 -0.40 0.00	14.05 -0.42 0.00	19.10 -0.70 0.00	22.31 -0.88 0.00	21.97 -0.93 0.00	20.19 -0.75 0.00	21.66 -0.79 0.00	22.28 -0.66 0.00	18.52 -0.16 0.00
REGAN___SOLAR 323812	17.76 1.36 0.00	18.38 1.37 0.00	18.90 1.37 0.00	15.28 1.09 0.00	19.08 1.42 0.00	17.87 1.36 0.00	19.92 1.52 0.00	19.05 1.49 0.00	19.19 1.58 0.00	16.92 1.24 0.00	16.32 1.04 0.00	14.29 1.08 0.00	11.30 0.66 0.00	9.86 0.62 0.00	11.10 0.61 0.00	10.94 0.54 0.00	15.46 0.99 0.00	21.23 1.43 0.00	25.36 2.18 0.00	25.28 2.38 0.00	23.11 2.17 0.00	24.74 2.29 0.00	25.20 2.26 0.00	20.45 1.77 0.00
RENSSELAER___COGEN 23796	16.74 0.34 0.00	17.34 0.33 0.00	17.90 0.36 0.00	14.49 0.31 0.00	18.07 0.41 0.00	16.86 0.36 0.00	18.80 0.40 0.00	17.95 0.39 0.00	18.03 0.42 0.00	16.11 0.43 0.00	15.69 0.41 0.00	13.59 0.37 0.00	10.91 0.27 0.00	9.46 0.21 0.00	10.76 0.26 0.00	10.66 0.27 0.00	14.82 0.35 0.00	20.32 0.51 0.00	23.79 0.61 0.00	23.54 0.64 0.00	21.46 0.52 0.00	22.97 0.52 0.00	23.44 0.49 0.00	19.03 0.35 0.00
REPUBLIC_115KV_BARTNBRK 55605	17.53 1.13 0.00	18.14 1.13 0.00	18.75 1.21 0.00	15.22 1.04 0.00	18.98 1.32 0.00	17.80 1.30 0.00	19.63 1.24 0.00	18.80 1.24 0.00	19.01 1.41 0.00	17.05 1.37 0.00	16.46 1.18 0.00	14.07 0.85 0.00	11.19 0.55 0.00	9.69 0.44 0.00	11.17 0.68 0.00	11.00 0.61 0.00	15.37 0.91 0.00	21.20 1.40 0.00	25.02 1.84 0.00	24.75 1.85 0.00	22.45 1.51 0.00	24.12 1.68 0.00	24.33 1.39 0.00	19.62 0.94 0.00
REVERE_CPPR_DRP 24186	16.76 0.36 0.00	17.33 0.32 0.00	17.88 0.34 0.00	14.42 0.24 0.00	17.90 0.24 0.00	16.76 0.25 0.00	18.70 0.31 0.00	17.92 0.36 0.00	18.01 0.40 0.00	15.98 0.30 0.00	15.58 0.30 0.00	13.41 0.19 0.00	10.76 0.12 0.00	9.37 0.12 0.00	10.59 0.09 0.00	10.48 0.09 0.00	14.61 0.14 0.00	20.19 0.39 0.00	23.73 0.55 0.00	23.56 0.66 0.00	21.57 0.63 0.00	23.11 0.66 0.00	23.57 0.62 0.00	19.22 0.53 0.00
REYNOLDS_115KV_TB3 80639	16.71 0.30 0.00	17.30 0.29 0.00	17.86 0.33 0.00	14.47 0.28 0.00	18.03 0.38 0.00	16.84 0.33 0.00	18.76 0.36 0.00	17.91 0.35 0.00	17.99 0.38 0.00	16.11 0.43 0.00	15.68 0.40 0.00	13.57 0.36 0.00	10.90 0.25 0.00	9.44 0.19 0.00	10.74 0.24 0.00	10.64 0.24 0.00	14.79 0.32 0.00	20.27 0.47 0.00	23.73 0.55 0.00	23.46 0.57 0.00	21.37 0.44 0.00	22.88 0.44 0.00	23.36 0.42 0.00	18.96 0.28 0.00
RIVERBAY____ 323610	17.09 0.69 0.00	17.67 0.66 0.00	18.18 0.64 0.00	14.72 0.54 0.00	18.34 0.69 0.00	17.10 0.60 0.00	19.15 0.75 0.00	18.37 0.81 0.00	18.36 0.76 0.00	16.40 0.72 0.00	16.04 0.76 0.00	13.84 0.62 0.00	11.12 0.48 0.00	9.64 0.39 0.00	10.99 0.50 0.00	10.92 0.53 0.00	15.19 0.72 0.00	20.80 0.99 0.00	24.42 1.24 0.00	24.24 1.34 0.00	22.17 1.23 0.00	23.58 1.13 0.00	24.05 1.10 0.00	19.47 0.79 0.00
RIVERSDE_115KV_TB3 55908	16.75 0.34 0.00	17.34 0.33 0.00	17.90 0.37 0.00	14.50 0.31 0.00	18.07 0.42 0.00	16.87 0.37 0.00	18.80 0.41 0.00	17.95 0.40 0.00	18.04 0.43 0.00	16.13 0.45 0.00	15.71 0.43 0.00	13.60 0.39 0.00	10.92 0.28 0.00	9.46 0.21 0.00	10.76 0.27 0.00	10.66 0.27 0.00	14.83 0.36 0.00	20.33 0.52 0.00	23.79 0.61 0.00	23.54 0.64 0.00	21.45 0.51 0.00	22.96 0.52 0.00	23.43 0.49 0.00	19.02 0.34 0.00
ROARING___BROOK_WT_PWR 323790	16.07 -0.33 0.00	16.64 -0.37 0.00	17.25 -0.28 0.00	13.89 -0.29 0.00	17.21 -0.45 0.00	16.15 -0.36 0.00	17.85 -0.54 0.00	17.07 -0.49 0.00	17.28 -0.33 0.00	15.34 -0.34 0.00	14.96 -0.32 0.00	12.91 -0.31 0.00	10.33 -0.31 0.00	8.97 -0.28 0.00	10.14 -0.35 0.00	10.04 -0.36 0.00	13.98 -0.49 0.00	19.17 -0.63 0.00	22.53 -0.65 0.00	22.39 -0.51 0.00	20.52 -0.42 0.00	22.09 -0.36 0.00	22.63 -0.31 0.00	18.44 -0.24 0.00
ROCHESRG_115KV_T4 355643	15.79 -0.61 0.00	16.52 -0.49 0.00	17.05 -0.49 0.00	13.76 -0.43 0.00	17.05 -0.61 0.00	16.01 -0.49 0.00	17.77 -0.62 0.00	16.90 -0.66 0.00	16.85 -0.76 0.00	14.83 -0.85 0.00	14.39 -0.89 0.00	12.38 -0.84 0.00	10.05 -0.60 0.00	8.80 -0.45 0.00	9.97 -0.52 0.00	9.92 -0.48 0.00	13.92 -0.55 0.00	18.91 -0.90 0.00	22.06 -1.13 0.00	21.71 -1.18 0.00	19.96 -0.98 0.00	21.42 -1.02 0.00	22.04 -0.90 0.00	18.35 -0.34 0.00
ROCHESTER_9_IC 23652	15.87 -0.53 0.00	16.60 -0.41 0.00	17.13 -0.41 0.00	13.82 -0.37 0.00	17.13 -0.53 0.00	16.09 -0.41 0.00	17.86 -0.53 0.00	16.98 -0.57 0.00	16.93 -0.67 0.00	14.90 -0.79 0.00	14.45 -0.83 0.00	12.43 -0.78 0.00	10.10 -0.55 0.00	8.85 -0.40 0.00	10.02 -0.47 0.00	9.96 -0.44 0.00	13.99 -0.48 0.00	19.02 -0.79 0.00	22.19 -0.99 0.00	21.86 -1.04 0.00	20.08 -0.85 0.00	21.55 -0.89 0.00	22.18 -0.77 0.00	18.45 -0.24 0.00
ROCKVIEW_13_KV_LD 356306	17.06 0.66 0.00	17.63 0.62 0.00	18.14 0.61 0.00	14.69 0.51 0.00	18.31 0.66 0.00	17.08 0.58 0.00	19.12 0.72 0.00	18.33 0.78 0.00	18.35 0.74 0.00	16.39 0.71 0.00	15.99 0.72 0.00	13.81 0.60 0.00	11.10 0.46 0.00	9.61 0.37 0.00	10.97 0.48 0.00	10.91 0.51 0.00	15.17 0.70 0.00	20.81 1.01 0.00	24.42 1.24 0.00	24.19 1.29 0.00	22.13 1.18 0.00	23.58 1.14 0.00	24.01 1.07 0.00	19.44 0.76 0.00

ROME____115KV_TB2 80656	16.76 0.36 0.00	17.33 0.32 0.00	17.88 0.34 0.00	14.42 0.24 0.00	17.90 0.24 0.00	16.76 0.25 0.00	18.70 0.31 0.00	17.92 0.36 0.00	18.01 0.40 0.00	15.98 0.30 0.00	15.58 0.30 0.00	13.41 0.19 0.00	10.76 0.12 0.00	9.37 0.12 0.00	10.59 0.09 0.00	10.48 0.09 0.00	14.61 0.14 0.00	20.19 0.39 0.00	23.73 0.55 0.00	23.56 0.66 0.00	21.57 0.63 0.00	23.11 0.66 0.00	23.57 0.62 0.00	19.22 0.53 0.00
ROSETON___1 23587	16.85 0.45 0.00	17.43 0.42 0.00	17.96 0.42 0.00	14.55 0.36 0.00	18.13 0.47 0.00	16.92 0.42 0.00	18.92 0.53 0.00	18.12 0.56 0.00	18.14 0.54 0.00	16.21 0.53 0.00	15.81 0.53 0.00	13.66 0.45 0.00	10.98 0.34 0.00	9.51 0.26 0.00	10.84 0.35 0.00	10.76 0.37 0.00	14.98 0.51 0.00	20.54 0.73 0.00	24.07 0.89 0.00	23.83 0.93 0.00	21.78 0.84 0.00	23.25 0.80 0.00	23.69 0.75 0.00	19.19 0.51 0.00
ROSETON___2 23588	16.85 0.45 0.00	17.43 0.42 0.00	17.96 0.42 0.00	14.55 0.36 0.00	18.13 0.47 0.00	16.92 0.42 0.00	18.92 0.53 0.00	18.12 0.56 0.00	18.14 0.54 0.00	16.21 0.53 0.00	15.81 0.53 0.00	13.66 0.45 0.00	10.98 0.34 0.00	9.51 0.26 0.00	10.84 0.35 0.00	10.76 0.37 0.00	14.98 0.51 0.00	20.54 0.73 0.00	24.07 0.89 0.00	23.83 0.93 0.00	21.78 0.84 0.00	23.25 0.80 0.00	23.69 0.75 0.00	19.19 0.51 0.00
ROTTRDAM_115KV_TB3 80664	16.71 0.30 0.00	17.31 0.30 0.00	17.85 0.32 0.00	14.45 0.27 0.00	18.01 0.36 0.00	16.82 0.31 0.00	18.75 0.35 0.00	17.92 0.36 0.00	17.99 0.38 0.00	16.05 0.37 0.00	15.62 0.34 0.00	13.52 0.31 0.00	10.86 0.21 0.00	9.42 0.17 0.00	10.70 0.21 0.00	10.60 0.21 0.00	14.75 0.28 0.00	20.22 0.42 0.00	23.74 0.56 0.00	23.49 0.59 0.00	21.44 0.50 0.00	22.95 0.50 0.00	23.41 0.46 0.00	19.01 0.33 0.00
RUSSELL___1 23602	15.93 -0.47 0.00	16.66 -0.35 0.00	17.19 -0.35 0.00	13.87 -0.32 0.00	17.18 -0.47 0.00	16.14 -0.36 0.00	17.92 -0.47 0.00	17.05 -0.51 0.00	17.00 -0.61 0.00	14.95 -0.73 0.00	14.50 -0.77 0.00	12.48 -0.74 0.00	10.14 -0.51 0.00	8.88 -0.36 0.00	10.06 -0.43 0.00	9.99 -0.41 0.00	14.05 -0.42 0.00	19.10 -0.70 0.00	22.30 -0.88 0.00	21.97 -0.93 0.00	20.19 -0.75 0.00	21.66 -0.78 0.00	22.28 -0.66 0.00	18.53 -0.15 0.00
RUSSELL___2 23532	15.93 -0.47 0.00	16.66 -0.35 0.00	17.19 -0.35 0.00	13.87 -0.32 0.00	17.18 -0.47 0.00	16.14 -0.36 0.00	17.92 -0.47 0.00	17.05 -0.51 0.00	17.00 -0.61 0.00	14.95 -0.73 0.00	14.50 -0.77 0.00	12.48 -0.74 0.00	10.14 -0.51 0.00	8.88 -0.36 0.00	10.06 -0.43 0.00	9.99 -0.41 0.00	14.05 -0.42 0.00	19.10 -0.70 0.00	22.30 -0.88 0.00	21.97 -0.93 0.00	20.19 -0.75 0.00	21.66 -0.78 0.00	22.28 -0.66 0.00	18.53 -0.15 0.00
RUSSELL___3 23549	15.93 -0.47 0.00	16.66 -0.35 0.00	17.19 -0.35 0.00	13.87 -0.32 0.00	17.18 -0.47 0.00	16.14 -0.36 0.00	17.92 -0.47 0.00	17.05 -0.51 0.00	17.00 -0.61 0.00	14.95 -0.73 0.00	14.50 -0.77 0.00	12.48 -0.74 0.00	10.14 -0.51 0.00	8.88 -0.36 0.00	10.06 -0.43 0.00	9.99 -0.41 0.00	14.05 -0.42 0.00	19.10 -0.70 0.00	22.30 -0.88 0.00	21.97 -0.93 0.00	20.19 -0.75 0.00	21.66 -0.78 0.00	22.28 -0.66 0.00	18.53 -0.15 0.00
RUSSELL___4 23556	15.93 -0.47 0.00	16.66 -0.35 0.00	17.19 -0.35 0.00	13.87 -0.32 0.00	17.18 -0.47 0.00	16.14 -0.36 0.00	17.92 -0.47 0.00	17.05 -0.51 0.00	17.00 -0.61 0.00	14.95 -0.73 0.00	14.50 -0.77 0.00	12.48 -0.74 0.00	10.14 -0.51 0.00	8.88 -0.36 0.00	10.06 -0.43 0.00	9.99 -0.41 0.00	14.05 -0.42 0.00	19.10 -0.70 0.00	22.30 -0.88 0.00	21.97 -0.93 0.00	20.19 -0.75 0.00	21.66 -0.78 0.00	22.28 -0.66 0.00	18.53 -0.15 0.00
RUSSELL___STATION 23914	15.93 -0.47 0.00	16.66 -0.35 0.00	17.19 -0.35 0.00	13.87 -0.32 0.00	17.18 -0.47 0.00	16.14 -0.36 0.00	17.92 -0.47 0.00	17.05 -0.51 0.00	17.00 -0.61 0.00	14.95 -0.73 0.00	14.50 -0.77 0.00	12.48 -0.74 0.00	10.14 -0.51 0.00	8.88 -0.36 0.00	10.06 -0.43 0.00	9.99 -0.41 0.00	14.05 -0.42 0.00	19.10 -0.70 0.00	22.30 -0.88 0.00	21.97 -0.93 0.00	20.19 -0.75 0.00	21.66 -0.78 0.00	22.28 -0.66 0.00	18.53 -0.15 0.00
S SALMON___HYD 24043	16.12 -0.28 0.00	16.65 -0.36 0.00	17.24 -0.30 0.00	13.87 -0.32 0.00	17.16 -0.49 0.00	16.07 -0.43 0.00	17.89 -0.50 0.00	17.13 -0.43 0.00	17.21 -0.39 0.00	15.20 -0.48 0.00	14.84 -0.44 0.00	12.73 -0.48 0.00	10.27 -0.37 0.00	8.91 -0.34 0.00	10.10 -0.39 0.00	9.98 -0.42 0.00	13.88 -0.58 0.00	19.03 -0.77 0.00	22.44 -0.74 0.00	22.33 -0.56 0.00	20.44 -0.50 0.00	21.98 -0.47 0.00	22.45 -0.50 0.00	18.37 -0.31 0.00
S.PERRY__115KV_TB1 80734	16.03 -0.37 0.00	16.91 -0.10 0.00	17.54 0.00 0.00	14.14 -0.05 0.00	17.57 -0.09 0.00	16.40 -0.11 0.00	18.22 -0.18 0.00	17.39 -0.17 0.00	17.27 -0.33 0.00	15.15 -0.53 0.00	14.59 -0.69 0.00	12.48 -0.74 0.00	10.12 -0.52 0.00	8.84 -0.41 0.00	10.08 -0.41 0.00	10.02 -0.38 0.00	14.22 -0.25 0.00	19.29 -0.51 0.00	22.88 -0.31 0.00	22.71 -0.19 0.00	21.07 0.13 0.00	22.60 0.15 0.00	23.09 0.15 0.00	19.11 0.43 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	15.47 -0.93 0.00	16.28 -0.73 0.00	16.81 -0.73 0.00	13.55 -0.64 0.00	16.73 -0.93 0.00	15.74 -0.77 0.00	17.39 -1.01 0.00	16.45 -1.11 0.00	16.34 -1.27 0.00	14.30 -1.38 0.00	13.81 -1.47 0.00	11.82 -1.40 0.00	9.63 -1.01 0.00	8.48 -0.76 0.00	9.60 -0.89 0.00	9.63 -0.76 0.00	13.52 -0.95 0.00	18.28 -1.53 0.00	21.25 -1.94 0.00	20.83 -2.07 0.00	19.23 -1.71 0.00	20.74 -1.70 0.00	21.49 -1.46 0.00	18.17 -0.52 0.00
SAWYER___23_KV_LOAD 55526	15.47 -0.93 0.00	16.28 -0.73 0.00	16.81 -0.73 0.00	13.55 -0.64 0.00	16.73 -0.93 0.00	15.74 -0.77 0.00	17.39 -1.01 0.00	16.45 -1.11 0.00	16.34 -1.27 0.00	14.30 -1.38 0.00	13.81 -1.47 0.00	11.82 -1.40 0.00	9.63 -1.01 0.00	8.48 -0.76 0.00	9.60 -0.89 0.00	9.63 -0.76 0.00	13.52 -0.95 0.00	18.28 -1.53 0.00	21.25 -1.94 0.00	20.83 -2.07 0.00	19.23 -1.71 0.00	20.74 -1.70 0.00	21.49 -1.46 0.00	18.17 -0.52 0.00
SELKIRK___I 23801	16.77 0.37 0.00	17.38 0.37 0.00	17.94 0.40 0.00	14.52 0.34 0.00	18.11 0.45 0.00	16.89 0.39 0.00	18.83 0.43 0.00	17.98 0.42 0.00	18.02 0.41 0.00	16.02 0.34 0.00	15.61 0.33 0.00	13.55 0.34 0.00	10.91 0.26 0.00	9.46 0.21 0.00	10.73 0.24 0.00	10.65 0.26 0.00	14.82 0.35 0.00	20.31 0.51 0.00	23.79 0.61 0.00	23.54 0.65 0.00	21.47 0.53 0.00	22.99 0.54 0.00	23.46 0.52 0.00	19.06 0.38 0.00
SELKIRK___II 23799	16.71 0.30 0.00	17.30 0.30 0.00	17.86 0.32 0.00	14.46 0.28 0.00	18.03 0.37 0.00	16.83 0.32 0.00	18.76 0.36 0.00	17.92 0.36 0.00	17.98 0.37 0.00	16.06 0.37 0.00	15.63 0.35 0.00	13.54 0.32 0.00	10.88 0.24 0.00	9.43 0.18 0.00	10.73 0.23 0.00	10.63 0.24 0.00	14.79 0.32 0.00	20.27 0.46 0.00	23.73 0.55 0.00	23.48 0.58 0.00	21.42 0.48 0.00	22.93 0.48 0.00	23.39 0.45 0.00	19.00 0.31 0.00

SENECA OSWGO___HYD 24041	16.17 -0.23 0.00	16.80 -0.21 0.00	17.33 -0.21 0.00	14.01 -0.18 0.00	17.42 -0.23 0.00	16.30 -0.20 0.00	18.16 -0.23 0.00	17.36 -0.20 0.00	17.37 -0.23 0.00	15.44 -0.24 0.00	15.02 -0.26 0.00	12.95 -0.27 0.00	10.47 -0.18 0.00	9.08 -0.17 0.00	10.30 -0.19 0.00	10.21 -0.19 0.00	14.23 -0.24 0.00	19.41 -0.40 0.00	22.71 -0.47 0.00	22.47 -0.43 0.00	20.58 -0.35 0.00	22.03 -0.41 0.00	22.52 -0.42 0.00	18.43 -0.26 0.00
SENECA___115KV_TB3 355854	15.66 -0.74 0.00	16.48 -0.53 0.00	17.01 -0.52 0.00	13.71 -0.47 0.00	16.95 -0.71 0.00	15.93 -0.58 0.00	17.62 -0.78 0.00	16.70 -0.86 0.00	16.56 -1.05 0.00	14.50 -1.18 0.00	13.98 -1.30 0.00	11.94 -1.27 0.00	9.73 -0.91 0.00	8.58 -0.67 0.00	9.72 -0.77 0.00	9.76 -0.63 0.00	13.69 -0.79 0.00	18.51 -1.29 0.00	21.53 -1.65 0.00	21.12 -1.78 0.00	19.52 -1.41 0.00	21.07 -1.37 0.00	21.82 -1.13 0.00	18.41 -0.27 0.00
SENECA___ENERGY 23797	16.23 -0.17 0.00	16.96 -0.05 0.00	17.53 -0.01 0.00	14.17 -0.02 0.00	17.63 -0.03 0.00	16.49 -0.02 0.00	18.38 -0.02 0.00	17.53 -0.03 0.00	17.50 -0.11 0.00	15.53 -0.15 0.00	14.99 -0.29 0.00	12.87 -0.34 0.00	10.42 -0.22 0.00	9.10 -0.15 0.00	10.33 -0.16 0.00	10.25 -0.14 0.00	14.45 -0.02 0.00	19.74 -0.06 0.00	23.13 -0.05 0.00	22.87 -0.02 0.00	21.03 0.09 0.00	22.49 0.05 0.00	23.01 0.06 0.00	18.86 0.18 0.00
SHOEMAKER___GT 23640	16.80 0.40 0.00	17.38 0.37 0.00	17.90 0.37 0.00	14.50 0.32 0.00	18.08 0.42 0.00	16.88 0.37 0.00	18.86 0.47 0.00	18.06 0.50 0.00	18.08 0.47 0.00	16.13 0.45 0.00	15.69 0.42 0.00	13.57 0.35 0.00	10.92 0.27 0.00	9.46 0.21 0.00	10.77 0.28 0.00	10.71 0.31 0.00	14.89 0.42 0.00	20.43 0.63 0.00	23.96 0.78 0.00	23.73 0.84 0.00	21.70 0.76 0.00	23.18 0.73 0.00	23.63 0.68 0.00	19.16 0.48 0.00
SHOEMAKR_138KV_BK 111 55601	16.80 0.40 0.00	17.38 0.37 0.00	17.90 0.37 0.00	14.50 0.31 0.00	18.07 0.42 0.00	16.88 0.37 0.00	18.87 0.47 0.00	18.06 0.50 0.00	18.08 0.47 0.00	16.13 0.45 0.00	15.70 0.42 0.00	13.58 0.36 0.00	10.92 0.28 0.00	9.46 0.21 0.00	10.78 0.29 0.00	10.71 0.32 0.00	14.89 0.42 0.00	20.44 0.64 0.00	23.97 0.78 0.00	23.74 0.84 0.00	21.71 0.77 0.00	23.18 0.73 0.00	23.63 0.68 0.00	19.16 0.47 0.00
SHOREHAM_IC_1 23715	17.32 0.92 0.00	17.89 0.88 0.00	18.37 0.83 0.00	14.86 0.68 0.00	18.50 0.85 0.00	17.25 0.74 0.00	19.28 0.88 0.00	18.46 0.90 0.00	18.33 0.72 0.00	16.22 0.54 0.00	15.86 0.58 0.00	13.62 0.41 0.00	10.94 0.30 0.00	9.46 0.21 0.00	10.80 0.31 0.00	10.83 0.44 0.00	15.13 0.66 0.00	20.75 0.95 0.00	24.43 1.25 0.00	23.97 1.07 0.00	21.98 1.04 0.00	23.69 1.24 0.00	24.04 1.10 0.00	19.50 0.82 0.00
SHOREHAM_IC_2 23716	17.32 0.92 0.00	17.89 0.88 0.00	18.37 0.83 0.00	14.86 0.68 0.00	18.50 0.85 0.00	17.25 0.74 0.00	19.28 0.88 0.00	18.46 0.90 0.00	18.33 0.72 0.00	16.22 0.54 0.00	15.86 0.58 0.00	13.62 0.41 0.00	10.94 0.30 0.00	9.46 0.21 0.00	10.80 0.31 0.00	10.83 0.44 0.00	15.13 0.66 0.00	20.75 0.95 0.00	24.43 1.25 0.00	23.97 1.07 0.00	21.98 1.04 0.00	23.69 1.24 0.00	24.04 1.10 0.00	19.50 0.82 0.00
SISSONVILLE___ 23735	15.93 -0.47 0.00	16.47 -0.54 0.00	16.95 -0.58 0.00	13.65 -0.53 0.00	16.92 -0.74 0.00	15.85 -0.65 0.00	17.68 -0.72 0.00	16.85 -0.71 0.00	16.99 -0.62 0.00	15.06 -0.62 0.00	14.73 -0.55 0.00	12.75 -0.46 0.00	10.28 -0.36 0.00	8.95 -0.30 0.00	10.10 -0.39 0.00	9.97 -0.42 0.00	13.86 -0.61 0.00	19.06 -0.75 0.00	22.37 -0.81 0.00	22.08 -0.82 0.00	20.16 -0.78 0.00	21.73 -0.71 0.00	22.24 -0.70 0.00	18.01 -0.67 0.00
SITHE_IND_GS1 24169	16.08 -0.32 0.00	16.70 -0.30 0.00	17.23 -0.31 0.00	13.93 -0.25 0.00	17.33 -0.33 0.00	16.22 -0.29 0.00	18.06 -0.34 0.00	17.24 -0.32 0.00	17.27 -0.34 0.00	15.35 -0.33 0.00	14.94 -0.34 0.00	12.90 -0.32 0.00	10.40 -0.24 0.00	9.05 -0.20 0.00	10.26 -0.23 0.00	10.16 -0.23 0.00	14.14 -0.33 0.00	19.26 -0.54 0.00	22.51 -0.68 0.00	22.24 -0.65 0.00	20.38 -0.56 0.00	21.82 -0.63 0.00	22.32 -0.63 0.00	18.28 -0.41 0.00
SITHE_IND_GS2 24170	16.08 -0.32 0.00	16.70 -0.30 0.00	17.23 -0.31 0.00	13.93 -0.25 0.00	17.33 -0.33 0.00	16.22 -0.29 0.00	18.06 -0.34 0.00	17.24 -0.32 0.00	17.27 -0.34 0.00	15.35 -0.33 0.00	14.94 -0.34 0.00	12.90 -0.32 0.00	10.40 -0.24 0.00	9.05 -0.20 0.00	10.26 -0.23 0.00	10.16 -0.23 0.00	14.14 -0.33 0.00	19.26 -0.54 0.00	22.51 -0.68 0.00	22.24 -0.65 0.00	20.38 -0.56 0.00	21.82 -0.63 0.00	22.32 -0.63 0.00	18.28 -0.41 0.00
SITHE_IND_GS3 24171	16.08 -0.32 0.00	16.70 -0.30 0.00	17.23 -0.31 0.00	13.93 -0.25 0.00	17.33 -0.33 0.00	16.22 -0.29 0.00	18.06 -0.34 0.00	17.24 -0.32 0.00	17.27 -0.34 0.00	15.35 -0.33 0.00	14.94 -0.34 0.00	12.90 -0.32 0.00	10.40 -0.24 0.00	9.05 -0.20 0.00	10.26 -0.23 0.00	10.16 -0.23 0.00	14.14 -0.33 0.00	19.26 -0.54 0.00	22.51 -0.68 0.00	22.24 -0.65 0.00	20.38 -0.56 0.00	21.82 -0.63 0.00	22.32 -0.63 0.00	18.28 -0.41 0.00
SITHE_IND_GS4 24172	16.08 -0.32 0.00	16.70 -0.30 0.00	17.23 -0.31 0.00	13.93 -0.25 0.00	17.33 -0.33 0.00	16.22 -0.29 0.00	18.06 -0.34 0.00	17.24 -0.32 0.00	17.27 -0.34 0.00	15.35 -0.33 0.00	14.94 -0.34 0.00	12.90 -0.32 0.00	10.40 -0.24 0.00	9.05 -0.20 0.00	10.26 -0.23 0.00	10.16 -0.23 0.00	14.14 -0.33 0.00	19.26 -0.54 0.00	22.51 -0.68 0.00	22.24 -0.65 0.00	20.38 -0.56 0.00	21.82 -0.63 0.00	22.32 -0.63 0.00	18.28 -0.41 0.00
SITHE___BATAVIA 24024	15.82 -0.58 0.00	16.61 -0.40 0.00	17.15 -0.39 0.00	13.82 -0.36 0.00	17.09 -0.57 0.00	16.10 -0.41 0.00	17.80 -0.60 0.00	16.88 -0.68 0.00	16.77 -0.83 0.00	14.65 -1.03 0.00	14.12 -1.16 0.00	12.09 -1.13 0.00	9.89 -0.75 0.00	8.68 -0.57 0.00	9.85 -0.65 0.00	10.00 -0.39 0.00	13.81 -0.66 0.00	18.80 -1.00 0.00	21.94 -1.24 0.00	21.60 -1.30 0.00	19.90 -1.04 0.00	21.38 -1.07 0.00	22.06 -0.88 0.00	18.55 -0.13 0.00
SITHE___INDEPEND 23800	16.08 -0.32 0.00	16.70 -0.31 0.00	17.23 -0.31 0.00	13.93 -0.25 0.00	17.33 -0.33 0.00	16.22 -0.29 0.00	18.06 -0.34 0.00	17.24 -0.32 0.00	17.27 -0.34 0.00	15.35 -0.33 0.00	14.94 -0.34 0.00	12.90 -0.32 0.00	10.40 -0.24 0.00	9.05 -0.20 0.00	10.26 -0.23 0.00	10.16 -0.23 0.00	14.14 -0.33 0.00	19.26 -0.54 0.00	22.51 -0.68 0.00	22.24 -0.65 0.00	20.38 -0.56 0.00	21.82 -0.63 0.00	22.32 -0.63 0.00	18.28 -0.41 0.00
SITHE___MASSENA 23902	16.37 -0.03 0.00	16.97 -0.04 0.00	17.46 -0.08 0.00	14.10 -0.09 0.00	17.50 -0.15 0.00	16.39 -0.12 0.00	18.26 -0.13 0.00	17.37 -0.19 0.00	17.46 -0.14 0.00	15.51 -0.17 0.00	15.17 -0.11 0.00	13.16 -0.06 0.00	10.61 -0.04 0.00	9.24 -0.01 0.00	10.44 -0.05 0.00	10.32 -0.07 0.00	14.39 -0.08 0.00	19.74 -0.07 0.00	23.11 -0.07 0.00	22.75 -0.15 0.00	20.78 -0.15 0.00	22.37 -0.07 0.00	22.93 -0.02 0.00	18.60 -0.08 0.00

SITHE___OGDNSBRG 24021	16.45 0.06 0.00	17.05 0.03 0.00	17.52 -0.01 0.00	14.13 -0.05 0.00	17.54 -0.12 0.00	16.43 -0.07 0.00	18.32 -0.07 0.00	17.44 -0.12 0.00	17.55 -0.06 0.00	15.53 -0.15 0.00	15.17 -0.11 0.00	13.14 -0.07 0.00	10.61 -0.04 0.00	9.23 -0.02 0.00	10.43 -0.07 0.00	10.31 -0.09 0.00	14.37 -0.10 0.00	19.76 -0.04 0.00	23.21 0.03 0.00	22.93 0.03 0.00	20.94 0.00 0.00	22.54 0.09 0.00	23.07 0.13 0.00	18.68 0.00 0.00
SITHE___STERLING 23777	16.67 0.27 0.00	17.26 0.25 0.00	17.80 0.27 0.00	14.39 0.20 0.00	17.88 0.22 0.00	16.73 0.23 0.00	18.67 0.28 0.00	17.88 0.31 0.00	17.94 0.33 0.00	15.95 0.27 0.00	15.54 0.26 0.00	13.37 0.16 0.00	10.75 0.10 0.00	9.35 0.11 0.00	10.60 0.11 0.00	10.49 0.10 0.00	14.61 0.14 0.00	20.15 0.34 0.00	23.64 0.46 0.00	23.43 0.53 0.00	21.44 0.50 0.00	22.95 0.51 0.00	23.42 0.48 0.00	19.10 0.42 0.00
SLEIGHT__34_KV_TB1 80719	15.98 -0.43 0.00	16.66 -0.35 0.00	17.19 -0.34 0.00	13.89 -0.29 0.00	17.24 -0.42 0.00	16.17 -0.33 0.00	18.00 -0.39 0.00	17.15 -0.41 0.00	17.15 -0.46 0.00	15.15 -0.54 0.00	14.70 -0.57 0.00	12.64 -0.57 0.00	10.25 -0.39 0.00	8.96 -0.29 0.00	10.14 -0.35 0.00	10.06 -0.34 0.00	14.14 -0.33 0.00	19.26 -0.54 0.00	22.51 -0.67 0.00	22.22 -0.68 0.00	20.38 -0.56 0.00	21.82 -0.63 0.00	22.38 -0.57 0.00	18.48 -0.21 0.00
SOUTH CAIRO___GT 23612	17.28 0.88 0.00	17.88 0.87 0.00	18.46 0.93 0.00	14.94 0.76 0.00	18.62 0.96 0.00	17.40 0.89 0.00	19.40 1.01 0.00	18.56 1.00 0.00	18.68 1.07 0.00	16.44 0.76 0.00	15.99 0.71 0.00	13.83 0.62 0.00	11.11 0.47 0.00	9.71 0.46 0.00	10.97 0.48 0.00	10.87 0.48 0.00	15.19 0.72 0.00	20.98 1.18 0.00	24.55 1.37 0.00	24.48 1.58 0.00	22.28 1.34 0.00	23.83 1.39 0.00	24.27 1.32 0.00	19.67 0.99 0.00
SOUTH HAMPTN___IC 23720	17.35 0.95 0.00	17.93 0.91 0.00	18.40 0.86 0.00	14.90 0.71 0.00	18.55 0.89 0.00	17.29 0.78 0.00	19.33 0.93 0.00	18.52 0.95 0.00	18.40 0.79 0.00	16.28 0.60 0.00	15.91 0.63 0.00	13.68 0.47 0.00	10.99 0.35 0.00	9.49 0.25 0.00	10.85 0.36 0.00	10.88 0.49 0.00	15.20 0.73 0.00	20.83 1.02 0.00	24.53 1.35 0.00	24.16 1.26 0.00	22.16 1.22 0.00	23.88 1.43 0.00	24.25 1.31 0.00	19.70 1.02 0.00
SOUTHDOW__115KV_TB1 355954	16.10 -0.30 0.00	16.89 -0.12 0.00	17.51 -0.03 0.00	14.14 -0.04 0.00	17.46 -0.20 0.00	16.36 -0.15 0.00	18.28 -0.11 0.00	17.38 -0.18 0.00	17.21 -0.40 0.00	15.07 -0.61 0.00	14.52 -0.76 0.00	12.31 -0.90 0.00	10.07 -0.57 0.00	8.93 -0.32 0.00	10.16 -0.33 0.00	10.21 -0.19 0.00	14.28 -0.19 0.00	19.17 -0.63 0.00	22.32 -0.86 0.00	21.90 -1.00 0.00	20.40 -0.54 0.00	22.14 -0.31 0.00	22.89 -0.06 0.00	19.18 0.50 0.00
SOUTHOLD_69_KV_BK 2 55809	17.35 0.95 0.00	17.92 0.91 0.00	18.39 0.85 0.00	14.89 0.71 0.00	18.54 0.88 0.00	17.29 0.78 0.00	19.34 0.94 0.00	18.54 0.98 0.00	18.42 0.82 0.00	16.30 0.62 0.00	15.91 0.63 0.00	13.73 0.52 0.00	11.03 0.39 0.00	9.51 0.26 0.00	10.88 0.39 0.00	10.91 0.51 0.00	15.25 0.78 0.00	20.84 1.04 0.00	24.57 1.39 0.00	24.35 1.45 0.00	22.35 1.41 0.00	24.12 1.67 0.00	24.51 1.56 0.00	19.95 1.27 0.00
SOUTHOLD___IC 23719	17.35 0.95 0.00	17.92 0.91 0.00	18.39 0.85 0.00	14.89 0.71 0.00	18.54 0.88 0.00	17.29 0.78 0.00	19.34 0.94 0.00	18.54 0.98 0.00	18.42 0.82 0.00	16.30 0.62 0.00	15.91 0.63 0.00	13.73 0.52 0.00	11.03 0.39 0.00	9.51 0.26 0.00	10.88 0.39 0.00	10.91 0.51 0.00	15.24 0.78 0.00	20.84 1.04 0.00	24.58 1.40 0.00	24.35 1.46 0.00	22.36 1.41 0.00	24.12 1.67 0.00	24.51 1.56 0.00	19.96 1.27 0.00
SOUTH_FORK_WT_PWR 323839	17.21 0.81 0.00	17.77 0.77 0.00	18.24 0.70 0.00	14.77 0.59 0.00	18.38 0.73 0.00	17.15 0.64 0.00	19.18 0.79 0.00	18.39 0.83 0.00	18.28 0.67 0.00	16.16 0.48 0.00	15.78 0.50 0.00	13.67 0.45 0.00	10.98 0.33 0.00	9.45 0.20 0.00	10.82 0.33 0.00	10.85 0.46 0.00	15.16 0.69 0.00	20.68 0.87 0.00	24.40 1.21 0.00	24.26 1.36 0.00	22.27 1.33 0.00	24.07 1.62 0.00	24.48 1.54 0.00	19.97 1.29 0.00
SPIERFLS_115KV_TB 1 80737	16.89 0.49 0.00	17.48 0.47 0.00	18.05 0.51 0.00	14.62 0.43 0.00	18.22 0.57 0.00	17.04 0.53 0.00	18.95 0.56 0.00	18.14 0.58 0.00	18.27 0.66 0.00	16.33 0.65 0.00	15.86 0.58 0.00	13.70 0.48 0.00	10.96 0.31 0.00	9.50 0.25 0.00	10.82 0.33 0.00	10.70 0.31 0.00	14.90 0.43 0.00	20.50 0.69 0.00	24.14 0.96 0.00	23.89 0.99 0.00	21.75 0.81 0.00	23.29 0.84 0.00	23.65 0.71 0.00	19.14 0.45 0.00
ST LAWRENCE____ 23600	16.26 -0.14 0.00	16.86 -0.15 0.00	17.35 -0.19 0.00	14.01 -0.17 0.00	17.41 -0.24 0.00	16.29 -0.21 0.00	18.15 -0.24 0.00	17.27 -0.29 0.00	17.34 -0.26 0.00	15.42 -0.26 0.00	15.09 -0.19 0.00	13.08 -0.13 0.00	10.55 -0.10 0.00	9.19 -0.06 0.00	10.38 -0.11 0.00	10.27 -0.12 0.00	14.31 -0.16 0.00	19.63 -0.18 0.00	22.97 -0.22 0.00	22.60 -0.30 0.00	20.66 -0.28 0.00	22.23 -0.22 0.00	22.77 -0.17 0.00	18.48 -0.21 0.00
STATE_CA_115KV_115_LB 55624	16.82 0.42 0.00	17.42 0.41 0.00	17.98 0.45 0.00	14.56 0.38 0.00	18.15 0.49 0.00	16.94 0.44 0.00	18.89 0.49 0.00	18.05 0.49 0.00	18.12 0.51 0.00	16.20 0.51 0.00	15.77 0.49 0.00	13.66 0.45 0.00	10.98 0.33 0.00	9.51 0.26 0.00	10.81 0.32 0.00	10.72 0.32 0.00	14.91 0.44 0.00	20.44 0.63 0.00	23.93 0.75 0.00	23.68 0.78 0.00	21.58 0.64 0.00	23.09 0.64 0.00	23.57 0.62 0.00	19.12 0.44 0.00
STATE_ST_34_KV_LOAD 55959	16.40 0.00 0.00	17.12 0.10 0.00	17.68 0.14 0.00	14.30 0.11 0.00	17.77 0.12 0.00	16.64 0.13 0.00	18.57 0.18 0.00	17.67 0.11 0.00	17.71 0.11 0.00	15.72 0.04 0.00	15.26 -0.02 0.00	13.09 -0.13 0.00	10.58 -0.06 0.00	9.25 0.00 0.00	10.46 -0.04 0.00	10.36 -0.04 0.00	14.55 0.07 0.00	19.88 0.07 0.00	23.25 0.07 0.00	23.01 0.11 0.00	21.08 0.14 0.00	22.49 0.04 0.00	23.06 0.11 0.00	18.92 0.23 0.00
STATION 5_MISC_HYD 23604	15.87 -0.53 0.00	16.60 -0.41 0.00	17.13 -0.41 0.00	13.82 -0.37 0.00	17.12 -0.53 0.00	16.09 -0.41 0.00	17.86 -0.53 0.00	16.99 -0.57 0.00	16.93 -0.68 0.00	14.90 -0.79 0.00	14.45 -0.83 0.00	12.43 -0.78 0.00	10.10 -0.55 0.00	8.85 -0.40 0.00	10.02 -0.47 0.00	9.96 -0.44 0.00	13.99 -0.48 0.00	19.01 -0.79 0.00	22.19 -0.99 0.00	21.85 -1.05 0.00	20.09 -0.85 0.00	21.55 -0.89 0.00	22.18 -0.77 0.00	18.44 -0.25 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	16.39 -0.01 0.00	17.18 0.16 0.00	17.74 0.20 0.00	14.32 0.14 0.00	17.80 0.14 0.00	16.69 0.18 0.00	18.59 0.20 0.00	17.79 0.23 0.00	17.77 0.17 0.00	15.66 -0.02 0.00	15.18 -0.10 0.00	12.94 -0.28 0.00	10.51 -0.14 0.00	9.19 -0.06 0.00	10.44 -0.05 0.00	10.33 -0.06 0.00	14.62 0.15 0.00	19.98 0.18 0.00	23.38 0.20 0.00	23.10 0.20 0.00	21.25 0.31 0.00	22.73 0.29 0.00	23.28 0.34 0.00	19.15 0.47 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	15.82 -0.58 0.00	16.53 -0.48 0.00	17.06 -0.48 0.00	13.76 -0.42 0.00	17.06 -0.59 0.00	16.03 -0.48 0.00	17.80 -0.60 0.00	16.93 -0.63 0.00	16.90 -0.71 0.00	14.87 -0.80 0.00	14.44 -0.84 0.00	12.43 -0.79 0.00	10.09 -0.56 0.00	8.84 -0.42 0.00	10.01 -0.49 0.00	9.93 -0.46 0.00	13.96 -0.51 0.00	18.97 -0.83 0.00	22.15 -1.03 0.00	21.82 -1.07 0.00	20.05 -0.89 0.00	21.50 -0.95 0.00	22.10 -0.84 0.00	18.35 -0.33 0.00
STA_56___34_KV_BUS2 355983	15.82 -0.58 0.00	16.53 -0.48 0.00	17.06 -0.48 0.00	13.76 -0.42 0.00	17.06 -0.59 0.00	16.03 -0.48 0.00	17.80 -0.60 0.00	16.93 -0.63 0.00	16.90 -0.71 0.00	14.87 -0.80 0.00	14.44 -0.84 0.00	12.43 -0.79 0.00	10.09 -0.56 0.00	8.84 -0.42 0.00	10.01 -0.49 0.00	9.93 -0.46 0.00	13.96 -0.51 0.00	18.97 -0.83 0.00	22.15 -1.03 0.00	21.82 -1.07 0.00	20.05 -0.89 0.00	21.50 -0.95 0.00	22.10 -0.84 0.00	18.35 -0.33 0.00
STA_67___115KV_BK2 355882	15.84 -0.56 0.00	16.57 -0.44 0.00	17.10 -0.44 0.00	13.80 -0.39 0.00	17.10 -0.56 0.00	16.06 -0.45 0.00	17.83 -0.57 0.00	16.95 -0.61 0.00	16.90 -0.71 0.00	14.87 -0.81 0.00	14.43 -0.85 0.00	12.41 -0.80 0.00	10.08 -0.56 0.00	8.83 -0.42 0.00	10.00 -0.49 0.00	9.94 -0.45 0.00	13.96 -0.51 0.00	18.97 -0.83 0.00	22.14 -1.04 0.00	21.80 -1.10 0.00	20.04 -0.90 0.00	21.50 -0.94 0.00	22.13 -0.82 0.00	18.41 -0.27 0.00
STA_7___115KV_9TRANS 80674	15.93 -0.47 0.00	16.66 -0.35 0.00	17.19 -0.35 0.00	13.87 -0.32 0.00	17.18 -0.47 0.00	16.14 -0.36 0.00	17.92 -0.47 0.00	17.05 -0.51 0.00	17.00 -0.61 0.00	14.95 -0.73 0.00	14.50 -0.77 0.00	12.48 -0.74 0.00	10.14 -0.51 0.00	8.88 -0.36 0.00	10.06 -0.43 0.00	9.99 -0.41 0.00	14.05 -0.42 0.00	19.10 -0.70 0.00	22.30 -0.88 0.00	21.97 -0.93 0.00	20.19 -0.75 0.00	21.66 -0.78 0.00	22.28 -0.66 0.00	18.53 -0.15 0.00
STA_82___115KV_TB1 80780	15.85 -0.55 0.00	16.58 -0.43 0.00	17.11 -0.42 0.00	13.80 -0.38 0.00	17.11 -0.55 0.00	16.07 -0.43 0.00	17.84 -0.55 0.00	16.97 -0.59 0.00	16.91 -0.69 0.00	14.88 -0.80 0.00	14.43 -0.85 0.00	12.42 -0.80 0.00	10.09 -0.56 0.00	8.84 -0.41 0.00	10.00 -0.49 0.00	9.95 -0.45 0.00	13.97 -0.50 0.00	18.98 -0.82 0.00	22.16 -1.02 0.00	21.82 -1.07 0.00	20.06 -0.88 0.00	21.52 -0.92 0.00	22.14 -0.80 0.00	18.42 -0.26 0.00
STEEL___WIND 323596	15.63 -0.77 0.00	16.45 -0.56 0.00	16.99 -0.54 0.00	13.69 -0.50 0.00	16.92 -0.73 0.00	15.91 -0.60 0.00	17.59 -0.80 0.00	16.69 -0.87 0.00	16.53 -1.08 0.00	14.48 -1.20 0.00	13.95 -1.32 0.00	11.92 -1.30 0.00	9.71 -0.93 0.00	8.56 -0.69 0.00	9.70 -0.79 0.00	9.74 -0.66 0.00	13.66 -0.81 0.00	18.48 -1.33 0.00	21.49 -1.69 0.00	21.09 -1.81 0.00	19.49 -1.45 0.00	21.05 -1.40 0.00	21.79 -1.16 0.00	18.35 -0.33 0.00
STEPHTWN_115KV_BK_2 55603	16.87 0.47 0.00	17.47 0.46 0.00	18.03 0.50 0.00	14.59 0.40 0.00	18.18 0.52 0.00	16.99 0.48 0.00	18.95 0.56 0.00	18.16 0.60 0.00	18.20 0.59 0.00	16.25 0.57 0.00	15.79 0.51 0.00	13.74 0.53 0.00	11.01 0.36 0.00	9.54 0.30 0.00	10.84 0.35 0.00	10.75 0.35 0.00	14.95 0.48 0.00	20.54 0.74 0.00	24.07 0.89 0.00	23.80 0.90 0.00	21.70 0.76 0.00	23.26 0.81 0.00	23.66 0.72 0.00	19.19 0.51 0.00
STEUBEN_REC_LFGE 323667	15.36 -1.04 0.00	16.55 -0.46 0.00	17.31 -0.23 0.00	13.95 -0.23 0.00	17.40 -0.26 0.00	15.99 -0.51 0.00	17.65 -0.74 0.00	16.85 -0.70 0.00	16.73 -0.87 0.00	14.90 -0.78 0.00	14.49 -0.79 0.00	12.17 -1.05 0.00	9.91 -0.73 0.00	8.65 -0.60 0.00	9.91 -0.58 0.00	9.92 -0.47 0.00	14.15 -0.32 0.00	19.37 -0.44 0.00	22.79 -0.40 0.00	22.42 -0.48 0.00	20.96 0.02 0.00	22.44 -0.01 0.00	22.96 0.02 0.00	18.90 0.22 0.00
STILLWATER___SOLAR 323814	16.86 0.46 0.00	17.47 0.46 0.00	18.03 0.49 0.00	14.60 0.41 0.00	18.20 0.54 0.00	17.00 0.49 0.00	18.93 0.54 0.00	18.11 0.55 0.00	18.21 0.60 0.00	16.26 0.58 0.00	15.81 0.53 0.00	13.67 0.46 0.00	10.96 0.31 0.00	9.50 0.25 0.00	10.78 0.29 0.00	10.68 0.29 0.00	14.87 0.40 0.00	20.44 0.64 0.00	24.04 0.86 0.00	23.79 0.89 0.00	21.66 0.72 0.00	23.19 0.75 0.00	23.61 0.66 0.00	19.13 0.45 0.00
STONY___BROOK 24151	17.33 0.93 0.00	17.90 0.89 0.00	18.38 0.85 0.00	14.88 0.69 0.00	18.52 0.87 0.00	17.26 0.76 0.00	19.29 0.90 0.00	18.50 0.94 0.00	18.42 0.82 0.00	16.37 0.69 0.00	16.03 0.75 0.00	13.79 0.58 0.00	11.06 0.41 0.00	9.57 0.32 0.00	10.93 0.44 0.00	10.94 0.54 0.00	15.26 0.80 0.00	20.95 1.14 0.00	24.64 1.46 0.00	24.24 1.35 0.00	22.23 1.29 0.00	23.82 1.38 0.00	24.22 1.28 0.00	19.63 0.94 0.00
STURGEON_POOL_HYD 23609	16.87 0.47 0.00	17.46 0.45 0.00	17.97 0.44 0.00	14.56 0.38 0.00	18.14 0.49 0.00	16.93 0.43 0.00	18.95 0.56 0.00	18.16 0.60 0.00	18.18 0.57 0.00	16.25 0.57 0.00	15.84 0.56 0.00	13.68 0.46 0.00	11.00 0.36 0.00	9.51 0.26 0.00	10.85 0.36 0.00	10.79 0.40 0.00	15.03 0.56 0.00	20.61 0.81 0.00	24.17 0.98 0.00	23.92 1.03 0.00	21.88 0.94 0.00	23.33 0.89 0.00	23.77 0.82 0.00	19.23 0.55 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	16.87 0.47 0.00	17.45 0.44 0.00	17.96 0.43 0.00	14.55 0.36 0.00	18.13 0.48 0.00	16.93 0.43 0.00	18.95 0.56 0.00	18.14 0.58 0.00	18.16 0.55 0.00	16.21 0.53 0.00	15.79 0.51 0.00	13.65 0.43 0.00	10.97 0.33 0.00	9.51 0.26 0.00	10.84 0.34 0.00	10.77 0.37 0.00	14.98 0.51 0.00	20.57 0.77 0.00	24.11 0.93 0.00	23.87 0.97 0.00	21.83 0.89 0.00	23.29 0.85 0.00	23.75 0.81 0.00	19.24 0.56 0.00
SWANROAD_115KV_TB1 355699	15.15 -1.25 0.00	15.95 -1.06 0.00	16.47 -1.06 0.00	13.27 -0.92 0.00	16.37 -1.28 0.00	15.43 -1.08 0.00	16.99 -1.40 0.00	16.04 -1.52 0.00	15.94 -1.67 0.00	13.92 -1.76 0.00	13.46 -1.82 0.00	11.51 -1.70 0.00	9.39 -1.26 0.00	8.27 -0.98 0.00	9.34 -1.15 0.00	9.40 -1.00 0.00	13.18 -1.29 0.00	17.81 -2.00 0.00	20.69 -2.49 0.00	20.28 -2.62 0.00	18.71 -2.23 0.00	20.17 -2.28 0.00	20.91 -2.03 0.00	17.79 -0.90 0.00
SYNERGY___BIOGAS 323694	15.82 -0.58 0.00	16.61 -0.40 0.00	17.15 -0.39 0.00	13.82 -0.36 0.00	17.09 -0.57 0.00	16.10 -0.41 0.00	17.80 -0.60 0.00	16.88 -0.68 0.00	16.77 -0.83 0.00	14.65 -1.03 0.00	14.12 -1.16 0.00	12.09 -1.13 0.00	9.89 -0.75 0.00	8.68 -0.57 0.00	9.85 -0.65 0.00	10.00 -0.39 0.00	13.81 -0.66 0.00	18.80 -1.00 0.00	21.94 -1.24 0.00	21.60 -1.30 0.00	19.90 -1.04 0.00	21.38 -1.07 0.00	22.06 -0.88 0.00	18.55 -0.13 0.00
SYRACUSE___ENERGY_ST1 323597	16.37 -0.03 0.00	17.02 0.01 0.00	17.55 0.02 0.00	14.20 0.01 0.00	17.66 0.00 0.00	16.53 0.03 0.00	18.42 0.03 0.00	17.60 0.04 0.00	17.61 0.00 0.00	15.66 -0.02 0.00	15.22 -0.06 0.00	13.12 -0.09 0.00	10.60 -0.04 0.00	9.22 -0.03 0.00	10.45 -0.04 0.00	10.36 -0.04 0.00	14.46 -0.01 0.00	19.73 -0.07 0.00	23.07 -0.11 0.00	22.82 -0.08 0.00	20.90 -0.04 0.00	22.35 -0.09 0.00	22.87 -0.07 0.00	18.72 0.04 0.00

SYRACUSE___ENERGY_ST2 323598	16.37 -0.03 0.00	17.02 0.01 0.00	17.55 0.02 0.00	14.20 0.01 0.00	17.66 0.00 0.00	16.53 0.03 0.00	18.42 0.03 0.00	17.60 0.04 0.00	17.61 0.00 0.00	15.66 -0.02 0.00	15.22 -0.06 0.00	13.12 -0.09 0.00	10.60 -0.04 0.00	9.22 -0.03 0.00	10.45 -0.04 0.00	10.36 -0.04 0.00	14.46 -0.01 0.00	19.73 -0.07 0.00	23.07 -0.11 0.00	22.82 -0.08 0.00	20.90 -0.04 0.00	22.35 -0.09 0.00	22.87 -0.07 0.00	18.72 0.04 0.00
SYRACUSE___POWER 24017	16.36 -0.05 0.00	16.99 -0.02 0.00	17.52 -0.01 0.00	14.17 -0.01 0.00	17.63 -0.03 0.00	16.50 -0.01 0.00	18.39 -0.01 0.00	17.58 0.02 0.00	17.59 -0.02 0.00	15.64 -0.04 0.00	15.21 -0.07 0.00	13.11 -0.10 0.00	10.59 -0.06 0.00	9.20 -0.05 0.00	10.45 -0.04 0.00	10.35 -0.04 0.00	14.43 -0.04 0.00	19.71 -0.09 0.00	23.05 -0.13 0.00	22.80 -0.10 0.00	20.88 -0.05 0.00	22.35 -0.09 0.00	22.86 -0.08 0.00	18.70 0.02 0.00
TALLMAN__138KV_BK151 55660	16.96 0.56 0.00	17.52 0.52 0.00	18.03 0.50 0.00	14.60 0.42 0.00	18.21 0.56 0.00	17.00 0.50 0.00	19.05 0.65 0.00	18.25 0.69 0.00	18.25 0.64 0.00	16.30 0.62 0.00	15.88 0.60 0.00	13.72 0.51 0.00	11.02 0.38 0.00	9.55 0.30 0.00	10.90 0.41 0.00	10.83 0.44 0.00	15.07 0.60 0.00	20.70 0.90 0.00	24.27 1.09 0.00	24.03 1.13 0.00	21.97 1.03 0.00	23.43 0.99 0.00	23.90 0.95 0.00	19.35 0.66 0.00
TEALLAVE_115KV_TB7 355573	16.29 -0.11 0.00	16.92 -0.09 0.00	17.46 -0.08 0.00	14.11 -0.07 0.00	17.56 -0.10 0.00	16.43 -0.08 0.00	18.30 -0.09 0.00	17.49 -0.07 0.00	17.50 -0.10 0.00	15.56 -0.12 0.00	15.13 -0.15 0.00	13.05 -0.16 0.00	10.54 -0.10 0.00	9.16 -0.09 0.00	10.40 -0.10 0.00	10.30 -0.09 0.00	14.36 -0.11 0.00	19.60 -0.21 0.00	22.91 -0.27 0.00	22.66 -0.24 0.00	20.76 -0.18 0.00	22.22 -0.23 0.00	22.72 -0.22 0.00	18.60 -0.08 0.00
TELGRAPH_34_KV_EAST 80808	15.56 -0.84 0.00	16.36 -0.65 0.00	16.88 -0.66 0.00	13.61 -0.58 0.00	16.82 -0.84 0.00	15.84 -0.66 0.00	17.48 -0.91 0.00	16.55 -1.01 0.00	16.45 -1.16 0.00	14.37 -1.31 0.00	13.89 -1.39 0.00	11.87 -1.35 0.00	9.70 -0.94 0.00	8.53 -0.72 0.00	9.65 -0.84 0.00	9.78 -0.61 0.00	13.59 -0.88 0.00	18.41 -1.39 0.00	21.44 -1.74 0.00	21.06 -1.84 0.00	19.42 -1.52 0.00	20.90 -1.55 0.00	21.61 -1.33 0.00	18.26 -0.42 0.00
TEMPLE___115KV_TB 2 55572	16.30 -0.10 0.00	16.93 -0.08 0.00	17.46 -0.07 0.00	14.12 -0.06 0.00	17.56 -0.09 0.00	16.44 -0.07 0.00	18.32 -0.08 0.00	17.50 -0.06 0.00	17.51 -0.10 0.00	15.57 -0.11 0.00	15.14 -0.14 0.00	13.06 -0.16 0.00	10.55 -0.10 0.00	9.17 -0.08 0.00	10.41 -0.09 0.00	10.31 -0.08 0.00	14.37 -0.10 0.00	19.61 -0.19 0.00	22.93 -0.25 0.00	22.67 -0.23 0.00	20.77 -0.16 0.00	22.23 -0.21 0.00	22.74 -0.21 0.00	18.62 -0.07 0.00
TIANA____69_KV_BK 1 55817	17.36 0.96 0.00	17.93 0.92 0.00	18.41 0.87 0.00	14.90 0.72 0.00	18.55 0.90 0.00	17.29 0.79 0.00	19.33 0.94 0.00	18.53 0.97 0.00	18.40 0.79 0.00	16.28 0.60 0.00	15.92 0.64 0.00	13.68 0.47 0.00	10.99 0.35 0.00	9.50 0.25 0.00	10.86 0.36 0.00	10.88 0.49 0.00	15.20 0.73 0.00	20.84 1.03 0.00	24.55 1.36 0.00	24.14 1.24 0.00	22.14 1.20 0.00	23.85 1.40 0.00	24.22 1.28 0.00	19.66 0.97 0.00
TILDEN___115KV_TB1 80814	16.36 -0.05 0.00	16.99 -0.02 0.00	17.52 -0.01 0.00	14.17 -0.01 0.00	17.63 -0.03 0.00	16.50 -0.01 0.00	18.39 -0.01 0.00	17.58 0.02 0.00	17.59 -0.02 0.00	15.64 -0.04 0.00	15.21 -0.07 0.00	13.11 -0.10 0.00	10.59 -0.06 0.00	9.20 -0.05 0.00	10.45 -0.04 0.00	10.35 -0.04 0.00	14.43 -0.04 0.00	19.71 -0.09 0.00	23.05 -0.13 0.00	22.80 -0.10 0.00	20.88 -0.05 0.00	22.35 -0.09 0.00	22.86 -0.08 0.00	18.70 0.02 0.00
TRIGEN___CC 323695	17.20 0.80 0.00	17.77 0.76 0.00	18.27 0.73 0.00	14.79 0.60 0.00	18.42 0.77 0.00	17.18 0.68 0.00	19.21 0.81 0.00	18.42 0.86 0.00	18.40 0.79 0.00	16.41 0.72 0.00	16.05 0.76 0.00	13.83 0.62 0.00	11.11 0.46 0.00	9.62 0.37 0.00	10.98 0.49 0.00	10.94 0.54 0.00	15.25 0.78 0.00	20.90 1.10 0.00	24.55 1.37 0.00	24.25 1.35 0.00	22.22 1.28 0.00	23.73 1.29 0.00	24.17 1.23 0.00	19.55 0.87 0.00
TRINITY__115KV__ 4 BK 55933	16.75 0.34 0.00	17.35 0.33 0.00	17.91 0.37 0.00	14.50 0.31 0.00	18.08 0.42 0.00	16.87 0.37 0.00	18.80 0.41 0.00	17.96 0.40 0.00	18.04 0.43 0.00	16.13 0.45 0.00	15.70 0.42 0.00	13.60 0.38 0.00	10.92 0.28 0.00	9.46 0.21 0.00	10.76 0.27 0.00	10.67 0.27 0.00	14.83 0.36 0.00	20.33 0.53 0.00	23.81 0.63 0.00	23.55 0.65 0.00	21.46 0.52 0.00	22.97 0.53 0.00	23.45 0.50 0.00	19.03 0.35 0.00
UNION___PROCESSING_DRP 323587	15.86 -0.54 0.00	16.59 -0.42 0.00	17.12 -0.42 0.00	13.81 -0.37 0.00	17.12 -0.54 0.00	16.08 -0.43 0.00	17.85 -0.54 0.00	16.97 -0.59 0.00	16.92 -0.69 0.00	14.89 -0.79 0.00	14.44 -0.84 0.00	12.42 -0.79 0.00	10.09 -0.56 0.00	8.84 -0.41 0.00	10.01 -0.48 0.00	9.95 -0.44 0.00	13.98 -0.49 0.00	18.99 -0.81 0.00	22.17 -1.01 0.00	21.83 -1.07 0.00	20.06 -0.87 0.00	21.53 -0.91 0.00	22.15 -0.79 0.00	18.43 -0.25 0.00
UPPER HUDSON___HYD 24058	16.89 0.49 0.00	17.48 0.47 0.00	18.05 0.51 0.00	14.62 0.43 0.00	18.22 0.57 0.00	17.04 0.53 0.00	18.95 0.56 0.00	18.14 0.58 0.00	18.27 0.66 0.00	16.33 0.65 0.00	15.86 0.58 0.00	13.70 0.48 0.00	10.96 0.31 0.00	9.50 0.25 0.00	10.82 0.33 0.00	10.70 0.31 0.00	14.91 0.43 0.00	20.49 0.69 0.00	24.14 0.96 0.00	23.89 0.99 0.00	21.75 0.81 0.00	23.29 0.84 0.00	23.65 0.71 0.00	19.14 0.46 0.00
UPPER RAQUET___HYD 24056	15.93 -0.47 0.00	16.47 -0.54 0.00	16.95 -0.58 0.00	13.65 -0.53 0.00	16.92 -0.74 0.00	15.85 -0.65 0.00	17.68 -0.72 0.00	16.85 -0.71 0.00	16.99 -0.62 0.00	15.06 -0.62 0.00	14.73 -0.55 0.00	12.75 -0.46 0.00	10.28 -0.36 0.00	8.95 -0.30 0.00	10.10 -0.39 0.00	9.97 -0.42 0.00	13.86 -0.61 0.00	19.06 -0.75 0.00	22.37 -0.81 0.00	22.08 -0.82 0.00	20.16 -0.78 0.00	21.73 -0.71 0.00	22.24 -0.70 0.00	18.01 -0.67 0.00
VALLEY44_115KV_TB2 355964	16.19 -0.21 0.00	16.99 -0.02 0.00	17.56 0.03 0.00	14.18 -0.01 0.00	17.56 -0.09 0.00	16.50 0.00 0.00	18.32 -0.07 0.00	17.47 -0.09 0.00	17.26 -0.35 0.00	15.12 -0.56 0.00	14.53 -0.76 0.00	12.45 -0.77 0.00	10.17 -0.47 0.00	8.97 -0.28 0.00	10.23 -0.27 0.00	10.25 -0.14 0.00	14.39 -0.08 0.00	19.42 -0.39 0.00	22.47 -0.71 0.00	21.99 -0.91 0.00	20.30 -0.63 0.00	21.87 -0.57 0.00	22.68 -0.26 0.00	19.05 0.36 0.00
VALLEY___115KV_TB 1-4 80826	16.21 -0.19 0.00	16.73 -0.28 0.00	17.17 -0.37 0.00	13.93 -0.25 0.00	17.56 -0.10 0.00	16.38 -0.13 0.00	18.23 -0.17 0.00	17.42 -0.14 0.00	17.43 -0.17 0.00	15.61 -0.07 0.00	15.19 -0.09 0.00	13.13 -0.08 0.00	10.51 -0.13 0.00	9.09 -0.16 0.00	10.37 -0.12 0.00	10.23 -0.16 0.00	14.25 -0.22 0.00	19.62 -0.18 0.00	23.05 -0.13 0.00	22.95 0.05 0.00	20.83 -0.11 0.00	22.41 -0.03 0.00	22.86 -0.08 0.00	18.52 -0.16 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	16.85 0.45 0.00	17.44 0.43 0.00	18.00 0.46 0.00	14.56 0.38 0.00	18.20 0.54 0.00	17.01 0.51 0.00	18.96 0.57 0.00	18.15 0.58 0.00	18.18 0.58 0.00	16.20 0.52 0.00	15.76 0.48 0.00	13.63 0.42 0.00	10.99 0.35 0.00	9.55 0.30 0.00	10.81 0.32 0.00	10.73 0.34 0.00	14.97 0.50 0.00	20.51 0.71 0.00	23.99 0.80 0.00	23.75 0.86 0.00	21.74 0.80 0.00	23.28 0.83 0.00	23.77 0.82 0.00	19.34 0.66 0.00
VISCHER___FERRY HYD 24020	16.68 0.28 0.00	17.28 0.27 0.00	17.84 0.31 0.00	14.45 0.27 0.00	18.02 0.36 0.00	16.82 0.31 0.00	18.74 0.35 0.00	17.91 0.35 0.00	18.01 0.40 0.00	16.12 0.44 0.00	15.67 0.39 0.00	13.56 0.35 0.00	10.88 0.23 0.00	9.42 0.17 0.00	10.71 0.21 0.00	10.61 0.21 0.00	14.75 0.29 0.00	20.25 0.45 0.00	23.74 0.55 0.00	23.47 0.57 0.00	21.37 0.43 0.00	22.89 0.44 0.00	23.33 0.39 0.00	18.93 0.24 0.00
V_A_10_SYNC_DSASP 323832	15.41 -0.99 0.00	16.18 -0.83 0.00	16.71 -0.82 0.00	13.47 -0.71 0.00	16.66 -0.99 0.00	15.67 -0.84 0.00	17.34 -1.05 0.00	16.44 -1.12 0.00	16.35 -1.26 0.00	14.34 -1.34 0.00	13.90 -1.38 0.00	11.93 -1.28 0.00	9.71 -0.93 0.00	8.54 -0.71 0.00	9.66 -0.83 0.00	9.66 -0.74 0.00	13.54 -0.93 0.00	18.34 -1.47 0.00	21.33 -1.85 0.00	20.92 -1.97 0.00	19.28 -1.66 0.00	20.74 -1.70 0.00	21.45 -1.49 0.00	18.02 -0.66 0.00
V_CMM_10_SYNC_DSASP 323787	16.33 -0.07 0.00	16.94 -0.07 0.00	17.43 -0.11 0.00	14.08 -0.11 0.00	17.49 -0.17 0.00	16.37 -0.14 0.00	18.24 -0.16 0.00	17.35 -0.21 0.00	17.43 -0.18 0.00	15.49 -0.19 0.00	15.15 -0.12 0.00	13.15 -0.07 0.00	10.60 -0.05 0.00	9.23 -0.02 0.00	10.43 -0.06 0.00	10.32 -0.08 0.00	14.38 -0.09 0.00	19.72 -0.08 0.00	23.08 -0.10 0.00	22.71 -0.19 0.00	20.75 -0.19 0.00	22.33 -0.11 0.00	22.88 -0.06 0.00	18.57 -0.12 0.00
V_CMP_10_SYNC_DSASP 323788	16.52 0.12 0.00	17.13 0.12 0.00	17.65 0.11 0.00	14.31 0.12 0.00	17.85 0.19 0.00	16.66 0.16 0.00	18.53 0.13 0.00	17.37 -0.19 0.00	17.55 -0.06 0.00	15.60 -0.08 0.00	15.17 -0.11 0.00	13.20 -0.02 0.00	10.64 0.00 0.00	9.29 0.04 0.00	10.38 -0.11 0.00	10.20 -0.20 0.00	14.30 -0.17 0.00	19.67 -0.14 0.00	23.03 -0.15 0.00	22.49 -0.41 0.00	20.46 -0.48 0.00	22.04 -0.40 0.00	22.58 -0.36 0.00	18.22 -0.46 0.00
V_D_10_SYNC_DSASP 323841	16.37 -0.03 0.00	16.98 -0.03 0.00	17.46 -0.07 0.00	14.10 -0.09 0.00	17.51 -0.15 0.00	16.39 -0.11 0.00	18.27 -0.13 0.00	17.38 -0.18 0.00	17.46 -0.14 0.00	15.51 -0.17 0.00	15.18 -0.10 0.00	13.16 -0.05 0.00	10.61 -0.03 0.00	9.25 0.00 0.00	10.45 -0.05 0.00	10.33 -0.07 0.00	14.39 -0.08 0.00	19.74 -0.06 0.00	23.11 -0.07 0.00	22.76 -0.14 0.00	20.79 -0.15 0.00	22.38 -0.06 0.00	22.93 -0.01 0.00	18.61 -0.08 0.00
V_E_10_SYNC_DSASP 323830	17.02 0.63 0.00	17.38 0.37 0.00	18.23 0.69 0.00	14.75 0.56 0.00	18.59 0.94 0.00	17.49 0.98 0.00	19.40 1.00 0.00	18.54 0.98 0.00	18.60 0.99 0.00	16.53 0.85 0.00	16.02 0.74 0.00	13.70 0.49 0.00	11.07 0.43 0.00	9.56 0.31 0.00	10.78 0.29 0.00	10.67 0.27 0.00	14.95 0.49 0.00	21.02 1.22 0.00	24.72 1.53 0.00	24.61 1.71 0.00	22.59 1.65 0.00	24.21 1.77 0.00	24.67 1.73 0.00	20.14 1.46 0.00
V_F_30_NSYNC___DSASP 323816	16.88 0.48 0.00	17.49 0.48 0.00	18.05 0.51 0.00	14.61 0.43 0.00	18.22 0.56 0.00	17.03 0.52 0.00	18.96 0.57 0.00	18.13 0.57 0.00	18.23 0.62 0.00	16.28 0.60 0.00	15.83 0.55 0.00	13.69 0.48 0.00	10.98 0.34 0.00	9.52 0.27 0.00	10.80 0.31 0.00	10.70 0.31 0.00	14.90 0.43 0.00	20.48 0.68 0.00	24.08 0.90 0.00	23.83 0.93 0.00	21.70 0.76 0.00	23.23 0.79 0.00	23.65 0.70 0.00	19.16 0.48 0.00
V_F_30_SYNC_DSASP 323786	16.82 0.42 0.00	17.42 0.41 0.00	17.98 0.44 0.00	14.56 0.37 0.00	18.15 0.49 0.00	16.94 0.44 0.00	18.88 0.49 0.00	18.04 0.48 0.00	18.12 0.51 0.00	16.19 0.51 0.00	15.77 0.49 0.00	13.66 0.44 0.00	10.98 0.33 0.00	9.51 0.26 0.00	10.81 0.32 0.00	10.72 0.32 0.00	14.91 0.44 0.00	20.43 0.63 0.00	23.93 0.75 0.00	23.67 0.77 0.00	21.58 0.64 0.00	23.09 0.64 0.00	23.56 0.62 0.00	19.12 0.44 0.00
V_XM_10_SYNC_DSASP 323789	16.52 0.12 0.00	17.13 0.12 0.00	17.65 0.11 0.00	14.31 0.12 0.00	17.85 0.19 0.00	16.66 0.16 0.00	18.53 0.13 0.00	17.37 -0.19 0.00	17.55 -0.06 0.00	15.60 -0.08 0.00	15.17 -0.11 0.00	13.20 -0.02 0.00	10.64 0.00 0.00	9.29 0.04 0.00	10.38 -0.11 0.00	10.20 -0.20 0.00	14.30 -0.17 0.00	19.67 -0.14 0.00	23.03 -0.15 0.00	22.49 -0.41 0.00	20.46 -0.48 0.00	22.04 -0.40 0.00	22.58 -0.36 0.00	18.22 -0.46 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	17.01 0.61 0.00	17.58 0.57 0.00	18.09 0.55 0.00	14.65 0.47 0.00	18.27 0.61 0.00	17.05 0.55 0.00	19.10 0.71 0.00	18.30 0.74 0.00	18.31 0.70 0.00	16.34 0.66 0.00	15.93 0.65 0.00	13.76 0.55 0.00	11.06 0.41 0.00	9.58 0.33 0.00	10.93 0.44 0.00	10.86 0.47 0.00	15.12 0.65 0.00	20.76 0.96 0.00	24.35 1.17 0.00	24.10 1.21 0.00	22.04 1.10 0.00	23.51 1.07 0.00	23.97 1.03 0.00	19.40 0.72 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	17.10 0.70 0.00	17.67 0.66 0.00	18.17 0.64 0.00	14.73 0.54 0.00	18.35 0.70 0.00	17.11 0.60 0.00	19.14 0.75 0.00	18.40 0.84 0.00	18.41 0.80 0.00	16.42 0.74 0.00	16.02 0.74 0.00	13.84 0.62 0.00	11.13 0.49 0.00	9.64 0.39 0.00	11.01 0.52 0.00	10.95 0.55 0.00	15.21 0.74 0.00	20.85 1.04 0.00	24.48 1.30 0.00	24.28 1.39 0.00	22.21 1.27 0.00	23.63 1.19 0.00	24.07 1.13 0.00	19.45 0.77 0.00
W50THST__13_KV_LOAD 356117	17.21 0.81 0.00	17.78 0.77 0.00	18.28 0.75 0.00	14.82 0.63 0.00	18.46 0.80 0.00	17.21 0.70 0.00	19.25 0.86 0.00	18.50 0.94 0.00	18.51 0.91 0.00	16.52 0.84 0.00	16.12 0.84 0.00	13.92 0.71 0.00	11.20 0.56 0.00	9.71 0.46 0.00	11.08 0.59 0.00	11.02 0.62 0.00	15.32 0.84 0.00	20.98 1.17 0.00	24.65 1.46 0.00	24.44 1.54 0.00	22.34 1.40 0.00	23.78 1.33 0.00	24.23 1.29 0.00	19.60 0.91 0.00
WADING RIVER_IC_1 23522	17.30 0.90 0.00	17.87 0.86 0.00	18.35 0.81 0.00	14.85 0.67 0.00	18.49 0.83 0.00	17.23 0.73 0.00	19.26 0.87 0.00	18.44 0.88 0.00	18.31 0.70 0.00	16.20 0.52 0.00	15.85 0.57 0.00	13.60 0.38 0.00	10.94 0.29 0.00	9.45 0.20 0.00	10.79 0.30 0.00	10.83 0.43 0.00	15.11 0.64 0.00	20.73 0.93 0.00	24.41 1.22 0.00	23.93 1.03 0.00	21.95 1.01 0.00	23.66 1.22 0.00	24.01 1.06 0.00	19.48 0.80 0.00
WADING RIVER_IC_2 23547	17.30 0.90 0.00	17.87 0.86 0.00	18.35 0.81 0.00	14.85 0.67 0.00	18.49 0.83 0.00	17.23 0.73 0.00	19.26 0.87 0.00	18.44 0.88 0.00	18.31 0.70 0.00	16.20 0.52 0.00	15.85 0.57 0.00	13.60 0.38 0.00	10.94 0.29 0.00	9.45 0.20 0.00	10.79 0.30 0.00	10.83 0.43 0.00	15.11 0.64 0.00	20.73 0.93 0.00	24.41 1.22 0.00	23.93 1.03 0.00	21.95 1.01 0.00	23.66 1.22 0.00	24.01 1.06 0.00	19.48 0.80 0.00

WADING RIVER_IC_3 23601	17.30 0.90 0.00	17.87 0.86 0.00	18.35 0.81 0.00	14.85 0.67 0.00	18.49 0.83 0.00	17.23 0.73 0.00	19.26 0.87 0.00	18.44 0.88 0.00	18.31 0.70 0.00	16.20 0.52 0.00	15.85 0.57 0.00	13.60 0.38 0.00	10.94 0.29 0.00	9.45 0.20 0.00	10.79 0.30 0.00	10.83 0.43 0.00	15.11 0.64 0.00	20.73 0.93 0.00	24.41 1.22 0.00	23.93 1.03 0.00	21.95 1.01 0.00	23.66 1.22 0.00	24.01 1.06 0.00	19.48 0.80 0.00
WALDENNY_I2_KV_BK2 80841	15.63 -0.77 0.00	16.45 -0.56 0.00	16.99 -0.55 0.00	13.69 -0.50 0.00	16.92 -0.74 0.00	15.90 -0.60 0.00	17.58 -0.81 0.00	16.66 -0.90 0.00	16.53 -1.08 0.00	14.46 -1.22 0.00	13.96 -1.32 0.00	11.92 -1.29 0.00	9.72 -0.92 0.00	8.56 -0.68 0.00	9.70 -0.79 0.00	9.74 -0.65 0.00	13.66 -0.81 0.00	18.48 -1.32 0.00	21.49 -1.69 0.00	21.09 -1.81 0.00	19.49 -1.45 0.00	21.03 -1.41 0.00	21.78 -1.17 0.00	18.39 -0.30 0.00
WALDEN___HYDRO 24148	16.99 0.59 0.00	17.57 0.56 0.00	18.09 0.55 0.00	14.64 0.46 0.00	18.26 0.60 0.00	17.05 0.55 0.00	19.08 0.69 0.00	18.28 0.72 0.00	18.30 0.69 0.00	16.30 0.62 0.00	15.85 0.57 0.00	13.70 0.48 0.00	11.02 0.38 0.00	9.54 0.29 0.00	10.87 0.38 0.00	10.81 0.41 0.00	15.05 0.58 0.00	20.72 0.92 0.00	24.31 1.12 0.00	24.10 1.20 0.00	22.04 1.10 0.00	23.51 1.07 0.00	23.95 1.01 0.00	19.39 0.71 0.00
WARRENSBURG____ 23737	16.89 0.49 0.00	17.48 0.47 0.00	18.05 0.51 0.00	14.62 0.43 0.00	18.22 0.57 0.00	17.04 0.53 0.00	18.95 0.56 0.00	18.14 0.58 0.00	18.27 0.66 0.00	16.33 0.65 0.00	15.86 0.58 0.00	13.70 0.48 0.00	10.96 0.31 0.00	9.50 0.25 0.00	10.82 0.33 0.00	10.70 0.31 0.00	14.91 0.43 0.00	20.49 0.69 0.00	24.14 0.96 0.00	23.89 0.99 0.00	21.75 0.81 0.00	23.29 0.84 0.00	23.65 0.71 0.00	19.14 0.46 0.00
WATERSIDE___6 8 9 23538	17.12 0.72 0.00	17.69 0.68 0.00	18.19 0.66 0.00	14.74 0.55 0.00	18.37 0.71 0.00	17.13 0.62 0.00	19.16 0.77 0.00	18.40 0.84 0.00	18.40 0.80 0.00	16.43 0.75 0.00	16.05 0.77 0.00	13.86 0.64 0.00	11.15 0.51 0.00	9.66 0.41 0.00	11.02 0.53 0.00	10.95 0.56 0.00	15.22 0.75 0.00	20.85 1.05 0.00	24.49 1.30 0.00	24.28 1.39 0.00	22.21 1.27 0.00	23.64 1.20 0.00	24.09 1.15 0.00	19.49 0.81 0.00
WATKINRD_115KV_LN8_ILLION 55919	16.32 -0.08 0.00	16.88 -0.13 0.00	17.38 -0.15 0.00	14.08 -0.11 0.00	17.62 -0.03 0.00	16.45 -0.05 0.00	18.33 -0.06 0.00	17.53 -0.03 0.00	17.58 -0.03 0.00	15.70 0.02 0.00	15.28 0.00 0.00	13.21 0.00 0.00	10.61 -0.04 0.00	9.19 -0.06 0.00	10.45 -0.04 0.00	10.34 -0.06 0.00	14.39 -0.08 0.00	19.76 -0.04 0.00	23.21 0.03 0.00	23.03 0.13 0.00	20.99 0.05 0.00	22.50 0.06 0.00	22.95 0.00 0.00	18.62 -0.06 0.00
WATSON___69_KV_BK 1 55734	17.46 1.06 0.00	18.04 1.03 0.00	18.52 0.99 0.00	14.99 0.80 0.00	18.67 1.01 0.00	17.40 0.89 0.00	19.44 1.05 0.00	18.64 1.08 0.00	18.56 0.95 0.00	16.51 0.82 0.00	16.15 0.87 0.00	13.89 0.68 0.00	11.14 0.50 0.00	9.65 0.40 0.00	11.02 0.52 0.00	11.02 0.63 0.00	15.38 0.91 0.00	21.10 1.30 0.00	24.83 1.65 0.00	24.47 1.57 0.00	22.45 1.51 0.00	24.04 1.59 0.00	24.45 1.51 0.00	19.80 1.11 0.00
WDELAWARE___HYD 323627	17.18 0.78 0.00	17.81 0.80 0.00	18.34 0.81 0.00	14.85 0.67 0.00	18.52 0.86 0.00	17.29 0.79 0.00	19.36 0.97 0.00	18.54 0.98 0.00	18.56 0.95 0.00	16.49 0.81 0.00	16.05 0.77 0.00	13.88 0.67 0.00	11.21 0.57 0.00	9.69 0.44 0.00	11.01 0.52 0.00	10.95 0.55 0.00	15.32 0.85 0.00	21.02 1.22 0.00	24.61 1.43 0.00	24.41 1.51 0.00	22.35 1.42 0.00	23.84 1.39 0.00	24.29 1.34 0.00	19.67 0.99 0.00
WEST BABYLON___IC 23714	17.41 1.01 0.00	17.99 0.98 0.00	18.47 0.94 0.00	14.95 0.76 0.00	18.61 0.95 0.00	17.35 0.84 0.00	19.39 0.99 0.00	18.59 1.03 0.00	18.53 0.92 0.00	16.49 0.81 0.00	16.13 0.85 0.00	13.88 0.67 0.00	11.14 0.49 0.00	9.64 0.39 0.00	11.01 0.52 0.00	11.01 0.61 0.00	15.36 0.89 0.00	21.08 1.28 0.00	24.78 1.60 0.00	24.45 1.55 0.00	22.43 1.49 0.00	23.99 1.55 0.00	24.41 1.47 0.00	19.76 1.07 0.00
WEST CANADA___HYD 24049	16.40 0.00 0.00	17.00 -0.01 0.00	17.54 0.00 0.00	14.18 0.00 0.00	17.67 0.01 0.00	16.51 0.00 0.00	18.39 0.00 0.00	17.58 0.02 0.00	17.63 0.02 0.00	15.71 0.03 0.00	15.30 0.02 0.00	13.23 0.01 0.00	10.65 0.00 0.00	9.24 -0.01 0.00	10.49 0.00 0.00	10.40 0.00 0.00	14.47 -0.01 0.00	19.80 0.00 0.00	23.19 0.01 0.00	22.94 0.05 0.00	20.98 0.04 0.00	22.47 0.02 0.00	22.95 0.00 0.00	18.68 0.00 0.00
WESTERN_NY_WIND 24143	15.79 -0.61 0.00	16.59 -0.42 0.00	17.12 -0.41 0.00	13.80 -0.38 0.00	17.06 -0.60 0.00	16.07 -0.44 0.00	17.76 -0.63 0.00	16.84 -0.72 0.00	16.74 -0.87 0.00	14.62 -1.06 0.00	14.09 -1.19 0.00	12.06 -1.16 0.00	9.87 -0.78 0.00	8.66 -0.59 0.00	9.83 -0.67 0.00	9.99 -0.40 0.00	13.78 -0.68 0.00	18.76 -1.04 0.00	21.89 -1.29 0.00	21.54 -1.36 0.00	19.85 -1.09 0.00	21.33 -1.12 0.00	22.02 -0.93 0.00	18.54 -0.14 0.00
WESTOVER___LESR 323668	16.28 -0.12 0.00	16.95 -0.07 0.00	17.50 -0.04 0.00	14.15 -0.04 0.00	17.63 -0.03 0.00	16.49 -0.01 0.00	18.37 -0.03 0.00	17.58 0.02 0.00	17.52 -0.09 0.00	15.57 -0.11 0.00	15.12 -0.16 0.00	13.03 -0.18 0.00	10.55 -0.10 0.00	9.18 -0.07 0.00	10.43 -0.06 0.00	10.35 -0.05 0.00	14.47 0.01 0.00	19.80 -0.01 0.00	23.12 -0.06 0.00	22.85 -0.05 0.00	20.98 0.04 0.00	22.49 0.05 0.00	23.03 0.08 0.00	18.82 0.14 0.00
WETHRSFD_WT_PWR 323626	15.35 -1.05 0.00	16.15 -0.87 0.00	16.66 -0.88 0.00	13.43 -0.75 0.00	16.59 -1.06 0.00	15.58 -0.93 0.00	17.22 -1.17 0.00	16.39 -1.17 0.00	16.17 -1.43 0.00	14.15 -1.53 0.00	13.58 -1.70 0.00	11.57 -1.65 0.00	9.40 -1.24 0.00	8.28 -0.96 0.00	9.43 -1.06 0.00	9.49 -0.90 0.00	13.30 -1.17 0.00	18.01 -1.79 0.00	20.96 -2.22 0.00	20.65 -2.25 0.00	19.14 -1.80 0.00	20.66 -1.78 0.00	21.42 -1.52 0.00	18.05 -0.63 0.00
WHAVSTOR_138KV_BK127 55557	16.94 0.54 0.00	17.52 0.51 0.00	18.02 0.49 0.00	14.60 0.42 0.00	18.20 0.54 0.00	16.99 0.49 0.00	19.03 0.63 0.00	18.23 0.67 0.00	18.24 0.63 0.00	16.29 0.61 0.00	15.87 0.59 0.00	13.71 0.50 0.00	11.02 0.37 0.00	9.54 0.30 0.00	10.89 0.40 0.00	10.82 0.43 0.00	15.06 0.59 0.00	20.68 0.87 0.00	24.25 1.06 0.00	24.00 1.10 0.00	21.95 1.01 0.00	23.41 0.97 0.00	23.87 0.93 0.00	19.33 0.64 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	16.94 0.54 0.00	17.52 0.51 0.00	18.02 0.49 0.00	14.60 0.42 0.00	18.20 0.54 0.00	16.99 0.49 0.00	19.03 0.63 0.00	18.23 0.67 0.00	18.24 0.63 0.00	16.29 0.61 0.00	15.87 0.59 0.00	13.71 0.50 0.00	11.02 0.37 0.00	9.54 0.30 0.00	10.89 0.40 0.00	10.82 0.43 0.00	15.06 0.59 0.00	20.68 0.87 0.00	24.25 1.06 0.00	24.00 1.10 0.00	21.95 1.01 0.00	23.41 0.97 0.00	23.87 0.93 0.00	19.33 0.64 0.00

WHITEHAL_115KV_TB1 80871	17.26 0.85 0.00	17.85 0.84 0.00	18.45 0.91 0.00	14.99 0.80 0.00	18.69 1.03 0.00	17.51 1.00 0.00	19.29 0.89 0.00	18.47 0.91 0.00	18.68 1.07 0.00	16.79 1.11 0.00	16.19 0.91 0.00	13.85 0.63 0.00	11.00 0.36 0.00	9.53 0.29 0.00	11.00 0.51 0.00	10.84 0.44 0.00	15.13 0.66 0.00	20.83 1.03 0.00	24.54 1.36 0.00	24.24 1.34 0.00	21.99 1.05 0.00	23.64 1.20 0.00	23.89 0.95 0.00	19.27 0.58 0.00
WHITEPLN_13_KV_LOAD 356215	17.12 0.72 0.00	17.70 0.69 0.00	18.21 0.67 0.00	14.75 0.56 0.00	18.38 0.72 0.00	17.15 0.64 0.00	19.19 0.80 0.00	18.41 0.85 0.00	18.43 0.82 0.00	16.47 0.79 0.00	16.06 0.78 0.00	13.87 0.65 0.00	11.15 0.50 0.00	9.65 0.40 0.00	11.01 0.52 0.00	10.95 0.56 0.00	15.24 0.77 0.00	20.91 1.10 0.00	24.54 1.36 0.00	24.30 1.41 0.00	22.23 1.29 0.00	23.70 1.25 0.00	24.14 1.20 0.00	19.52 0.83 0.00
WM_FLOYD_69_KV_BK2 356380	17.35 0.95 0.00	17.92 0.91 0.00	18.40 0.87 0.00	14.90 0.71 0.00	18.54 0.89 0.00	17.28 0.78 0.00	19.31 0.91 0.00	18.50 0.94 0.00	18.38 0.78 0.00	16.29 0.61 0.00	15.93 0.65 0.00	13.68 0.47 0.00	10.99 0.34 0.00	9.51 0.26 0.00	10.86 0.37 0.00	10.89 0.49 0.00	15.19 0.72 0.00	20.85 1.04 0.00	24.55 1.37 0.00	24.13 1.23 0.00	22.13 1.19 0.00	23.79 1.34 0.00	24.17 1.23 0.00	19.60 0.92 0.00
WOODARD__115KV_TB2 355635	16.26 -0.14 0.00	16.90 -0.11 0.00	17.43 -0.11 0.00	14.09 -0.09 0.00	17.52 -0.13 0.00	16.40 -0.10 0.00	18.27 -0.12 0.00	17.46 -0.10 0.00	17.47 -0.13 0.00	15.54 -0.14 0.00	15.12 -0.16 0.00	13.04 -0.17 0.00	10.53 -0.12 0.00	9.15 -0.09 0.00	10.38 -0.11 0.00	10.29 -0.11 0.00	14.34 -0.13 0.00	19.56 -0.24 0.00	22.87 -0.31 0.00	22.61 -0.28 0.00	20.72 -0.22 0.00	22.17 -0.27 0.00	22.68 -0.27 0.00	18.56 -0.12 0.00
YORK__WARBASSE 23770	17.18 0.78 0.00	17.76 0.75 0.00	18.25 0.72 0.00	14.79 0.61 0.00	18.44 0.78 0.00	17.20 0.69 0.00	19.22 0.83 0.00	18.44 0.88 0.00	18.44 0.83 0.00	16.47 0.79 0.00	16.08 0.79 0.00	13.88 0.67 0.00	11.16 0.52 0.00	9.67 0.42 0.00	11.03 0.54 0.00	10.97 0.57 0.00	15.25 0.78 0.00	20.90 1.09 0.00	24.54 1.36 0.00	24.35 1.45 0.00	22.27 1.33 0.00	23.70 1.25 0.00	24.16 1.21 0.00	19.54 0.85 0.00