

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

03/31/2024

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	22.45	19.05	16.92	18.19	19.20	20.78	20.18	20.23	21.17	20.04	20.72	19.22	15.23	15.31	8.57	9.05	11.55	14.78	18.80	22.26	21.59	23.46	21.66	19.87
24138	0.96	0.72	0.61	0.67	0.64	0.70	0.74	0.84	0.86	0.93	0.98	0.98	0.86	0.85	0.46	0.54	0.73	0.98	1.10	1.19	1.20	1.19	0.99	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	22.41	19.03	16.90	18.16	19.18	20.76	20.15	20.20	21.14	20.01	20.68	19.19	15.20	15.28	8.55	9.03	11.53	14.75	18.78	22.24	21.58	23.46	21.65	19.87
24260	0.92	0.70	0.59	0.65	0.62	0.67	0.72	0.80	0.83	0.89	0.95	0.94	0.82	0.82	0.45	0.52	0.71	0.95	1.07	1.18	1.18	1.18	0.98	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	22.41	19.03	16.90	18.16	19.18	20.76	20.15	20.20	21.14	20.01	20.68	19.19	15.20	15.28	8.55	9.03	11.53	14.75	18.78	22.24	21.58	23.46	21.65	19.87
24261	0.92	0.70	0.59	0.65	0.62	0.67	0.72	0.80	0.83	0.89	0.95	0.94	0.82	0.82	0.45	0.52	0.71	0.95	1.07	1.18	1.18	1.18	0.98	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	22.22	18.89	16.77	18.03	19.06	20.56	19.95	20.00	20.91	19.71	20.32	18.75	14.74	14.78	8.22	8.66	11.06	14.25	18.35	21.93	21.18	23.00	21.31	19.57
24011	0.73	0.56	0.46	0.51	0.50	0.47	0.52	0.61	0.60	0.59	0.59	0.51	0.37	0.31	0.12	0.15	0.25	0.45	0.64	0.87	0.79	0.73	0.64	0.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	22.38	19.02	16.88	18.13	19.17	20.67	20.05	20.12	21.02	19.81	20.40	18.82	14.80	14.83	8.25	8.69	11.10	14.33	18.46	22.11	21.32	23.15	21.42	19.66
23798	0.89	0.68	0.57	0.62	0.62	0.59	0.62	0.73	0.72	0.70	0.67	0.58	0.43	0.37	0.14	0.17	0.28	0.53	0.75	1.05	0.93	0.87	0.75	0.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	22.22	18.89	16.77	18.03	19.06	20.56	19.95	20.00	20.91	19.71	20.32	18.75	14.74	14.78	8.22	8.66	11.06	14.25	18.35	21.93	21.18	23.00	21.31	19.57
24028	0.73	0.56	0.46	0.51	0.50	0.47	0.52	0.61	0.60	0.59	0.59	0.51	0.37	0.31	0.12	0.15	0.25	0.45	0.64	0.87	0.79	0.73	0.64	0.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.93	18.70	16.62	17.83	18.84	20.33	19.67	19.68	20.58	19.38	20.04	18.47	14.57	14.65	8.18	8.61	10.98	14.11	18.11	21.53	20.83	22.69	21.12	19.46
23527	0.45	0.36	0.32	0.31	0.29	0.25	0.24	0.29	0.27	0.27	0.31	0.23	0.20	0.18	0.07	0.10	0.16	0.31	0.40	0.46	0.43	0.41	0.46	0.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.96	18.71	16.65	17.88	18.91	20.42	19.78	19.75	20.67	19.51	20.18	18.65	14.69	14.77	8.26	8.69	11.08	14.15	17.98	21.20	20.55	22.49	20.86	19.24
24190	0.47	0.37	0.34	0.36	0.35	0.34	0.35	0.36	0.36	0.40	0.45	0.41	0.32	0.31	0.16	0.18	0.26	0.34	0.28	0.13	0.15	0.22	0.19	0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.44	18.39	16.34	17.53	18.62	20.19	19.49	19.41	20.30	19.00	19.59	18.11	14.25	14.37	8.06	8.45	10.72	13.69	17.60	21.01	20.27	22.35	20.80	19.18
355683	-0.05	0.05	0.04	0.02	0.06	0.10	0.05	0.02	0.00	-0.11	-0.14	-0.13	-0.13	-0.09	-0.05	-0.06	-0.10	-0.11	-0.11	-0.06	-0.12	0.07	0.13	0.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.17	18.89	16.82	18.06	19.09	20.61	19.97	19.94	20.87	19.71	20.38	18.81	14.80	14.87	8.32	8.74	11.15	14.24	18.20	21.55	20.87	22.80	21.15	19.50
323833	0.68	0.56	0.51	0.54	0.53	0.52	0.53	0.54	0.56	0.60	0.65	0.57	0.43	0.41	0.22	0.23	0.33	0.43	0.49	0.48	0.48	0.53	0.48	0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.16	18.89	16.81	18.05	19.08	20.60	19.96	19.93	20.86	19.70	20.38	18.81	14.80	14.87	8.32	8.74	11.15	14.24	18.19	21.54	20.87	22.80	21.15	19.49
323834	0.67	0.55	0.50	0.54	0.53	0.52	0.52	0.54	0.56	0.59	0.65	0.56	0.43	0.40	0.22	0.23	0.33	0.43	0.48	0.48	0.47	0.53	0.48	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	21.96	18.71	16.65	17.88	18.91	20.42	19.78	19.75	20.67	19.51	20.18	18.65	14.69	14.77	8.26	8.69	11.08	14.15	17.98	21.20	20.55	22.49	20.86	19.24
23571	0.47	0.37	0.34	0.36	0.35	0.34	0.35	0.36	0.36	0.40	0.45	0.41	0.32	0.31	0.16	0.18	0.26	0.34	0.28	0.13	0.15	0.22	0.19	0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.96 0.47 0.00	18.71 0.37 0.00	16.65 0.34 0.00	17.88 0.36 0.00	18.91 0.35 0.00	20.42 0.34 0.00	19.78 0.35 0.00	19.75 0.36 0.00	20.67 0.36 0.00	19.51 0.40 0.00	20.18 0.45 0.00	18.65 0.41 0.00	14.69 0.32 0.00	14.77 0.31 0.00	8.26 0.16 0.00	8.69 0.18 0.00	11.08 0.26 0.00	14.15 0.34 0.00	17.98 0.28 0.00	21.20 0.13 0.00	20.55 0.15 0.00	22.49 0.22 0.00	20.86 0.19 0.00	19.24 0.20 0.00
ALBANY___3 23573	21.96 0.47 0.00	18.71 0.37 0.00	16.65 0.34 0.00	17.88 0.36 0.00	18.91 0.35 0.00	20.42 0.34 0.00	19.78 0.35 0.00	19.75 0.36 0.00	20.67 0.36 0.00	19.51 0.40 0.00	20.18 0.45 0.00	18.65 0.41 0.00	14.69 0.32 0.00	14.77 0.31 0.00	8.26 0.16 0.00	8.69 0.18 0.00	11.08 0.26 0.00	14.15 0.34 0.00	17.98 0.28 0.00	21.20 0.13 0.00	20.55 0.15 0.00	22.49 0.22 0.00	20.86 0.19 0.00	19.24 0.20 0.00
ALBANY___4 23574	21.96 0.47 0.00	18.71 0.37 0.00	16.65 0.34 0.00	17.88 0.36 0.00	18.91 0.35 0.00	20.42 0.34 0.00	19.78 0.35 0.00	19.75 0.36 0.00	20.67 0.36 0.00	19.51 0.40 0.00	20.18 0.45 0.00	18.65 0.41 0.00	14.69 0.32 0.00	14.77 0.31 0.00	8.26 0.16 0.00	8.69 0.18 0.00	11.08 0.26 0.00	14.15 0.34 0.00	17.98 0.28 0.00	21.20 0.13 0.00	20.55 0.15 0.00	22.49 0.22 0.00	20.86 0.19 0.00	19.24 0.20 0.00
ALBANY___LFGE 323615	22.08 0.59 0.00	18.81 0.47 0.00	16.73 0.43 0.00	17.97 0.45 0.00	19.00 0.44 0.00	20.52 0.43 0.00	19.88 0.45 0.00	19.85 0.46 0.00	20.78 0.47 0.00	19.61 0.50 0.00	20.30 0.57 0.00	18.75 0.51 0.00	14.77 0.40 0.00	14.85 0.39 0.00	8.30 0.20 0.00	8.73 0.22 0.00	11.14 0.32 0.00	14.23 0.43 0.00	18.12 0.41 0.00	21.38 0.32 0.00	20.72 0.33 0.00	22.67 0.40 0.00	21.03 0.35 0.00	19.39 0.34 0.00
ALCOA_PA_115KV_PL-6C 55860	21.48 -0.01 0.00	18.42 0.08 0.00	16.37 0.06 0.00	17.56 0.05 0.00	18.66 0.10 0.00	20.24 0.15 0.00	19.53 0.09 0.00	19.45 0.06 0.00	20.34 0.03 0.00	19.01 -0.10 0.00	19.58 -0.15 0.00	18.11 -0.13 0.00	14.24 -0.13 0.00	14.36 -0.11 0.00	8.05 -0.06 0.00	8.44 -0.07 0.00	10.71 -0.11 0.00	13.69 -0.12 0.00	17.60 -0.10 0.00	21.04 -0.02 0.00	20.31 -0.09 0.00	22.39 0.11 0.00	20.85 0.18 0.00	19.23 0.19 0.00
ALCOA_RYNLDS___DRP 24188	21.48 -0.01 0.00	18.42 0.08 0.00	16.37 0.06 0.00	17.56 0.05 0.00	18.66 0.10 0.00	20.24 0.15 0.00	19.53 0.09 0.00	19.45 0.06 0.00	20.34 0.03 0.00	19.01 -0.10 0.00	19.58 -0.15 0.00	18.11 -0.13 0.00	14.24 -0.13 0.00	14.36 -0.11 0.00	8.05 -0.06 0.00	8.44 -0.07 0.00	10.71 -0.11 0.00	13.69 -0.12 0.00	17.60 -0.10 0.00	21.04 -0.02 0.00	20.31 -0.09 0.00	22.39 0.11 0.00	20.85 0.18 0.00	19.23 0.19 0.00
ALCOA___DSASP 323711	21.48 -0.01 0.00	18.42 0.08 0.00	16.37 0.06 0.00	17.56 0.05 0.00	18.66 0.10 0.00	20.24 0.15 0.00	19.53 0.09 0.00	19.45 0.06 0.00	20.34 0.03 0.00	19.02 -0.10 0.00	19.59 -0.15 0.00	18.11 -0.13 0.00	14.24 -0.13 0.00	14.36 -0.10 0.00	8.05 -0.06 0.00	8.44 -0.07 0.00	10.71 -0.11 0.00	13.69 -0.12 0.00	17.60 -0.10 0.00	21.04 -0.02 0.00	20.31 -0.09 0.00	22.39 0.12 0.00	20.85 0.18 0.00	19.23 0.19 0.00
ALLEGHENY___COGEN 23514	22.53 1.05 0.00	19.14 0.80 0.00	16.92 0.61 0.00	18.20 0.69 0.00	19.32 0.76 0.00	20.95 0.87 0.00	20.26 0.82 0.00	20.28 0.88 0.00	21.36 1.05 0.00	20.05 0.94 0.00	20.60 0.87 0.00	18.86 0.62 0.00	14.72 0.35 0.00	14.69 0.22 0.00	8.21 0.11 0.00	8.57 0.06 0.00	10.84 0.02 0.00	13.91 0.11 0.00	18.22 0.51 0.00	21.99 0.93 0.00	21.53 1.14 0.00	23.36 1.09 0.00	21.56 0.89 0.00	19.83 0.79 0.00
ALTAMONT_115KV_TB 2 55880	21.87 0.39 0.00	18.64 0.30 0.00	16.58 0.28 0.00	17.82 0.30 0.00	18.84 0.28 0.00	20.35 0.27 0.00	19.71 0.28 0.00	19.69 0.30 0.00	20.62 0.31 0.00	19.44 0.33 0.00	20.10 0.37 0.00	18.58 0.34 0.00	14.64 0.27 0.00	14.73 0.27 0.00	8.25 0.15 0.00	8.68 0.17 0.00	11.06 0.24 0.00	14.11 0.30 0.00	18.04 0.33 0.00	21.40 0.33 0.00	20.73 0.34 0.00	22.62 0.34 0.00	20.97 0.30 0.00	19.31 0.27 0.00
ALTONA_WT_PWR 323606	21.74 0.25 0.00	18.67 0.34 0.00	16.54 0.23 0.00	17.79 0.27 0.00	18.92 0.36 0.00	20.42 0.33 0.00	19.62 0.18 0.00	19.54 0.15 0.00	20.36 0.05 0.00	18.83 -0.28 0.00	19.04 -0.69 0.00	17.66 -0.58 0.00	13.82 -0.55 0.00	13.95 -0.51 0.00	7.80 -0.31 0.00	8.20 -0.31 0.00	10.38 -0.43 0.00	13.40 -0.40 0.00	17.41 -0.30 0.00	21.14 0.08 0.00	20.42 0.02 0.00	22.50 0.22 0.00	20.94 0.27 0.00	19.44 0.40 0.00
AMERICAN_REF_FUEL 24010	21.21 -0.27 0.00	18.21 -0.12 0.00	16.17 -0.13 0.00	17.37 -0.15 0.00	18.55 -0.01 0.00	20.13 0.05 0.00	19.27 -0.16 0.00	18.94 -0.46 0.00	19.97 -0.34 0.00	18.73 -0.39 0.00	19.36 -0.37 0.00	17.75 -0.49 0.00	14.04 -0.33 0.00	14.12 -0.34 0.00	7.96 -0.14 0.00	8.28 -0.24 0.00	10.33 -0.49 0.00	13.20 -0.60 0.00	17.02 -0.69 0.00	20.10 -0.96 0.00	19.53 -0.86 0.00	20.99 -1.28 0.00	19.52 -1.15 0.00	18.36 -0.68 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.11 0.63 0.00	18.79 0.46 0.00	16.56 0.26 0.00	17.80 0.29 0.00	19.02 0.46 0.00	20.82 0.74 0.00	20.13 0.70 0.00	19.97 0.58 0.00	21.09 0.78 0.00	19.87 0.76 0.00	20.53 0.80 0.00	18.85 0.60 0.00	14.88 0.51 0.00	14.93 0.47 0.00	8.39 0.29 0.00	8.74 0.23 0.00	10.97 0.16 0.00	14.01 0.21 0.00	18.13 0.42 0.00	21.46 0.39 0.00	20.85 0.45 0.00	22.50 0.22 0.00	20.85 0.18 0.00	19.29 0.25 0.00
ARTHUR KILL_GT_1 23520	22.42 0.93 0.00	19.05 0.71 0.00	16.91 0.60 0.00	18.17 0.66 0.00	19.21 0.65 0.00	20.81 0.73 0.00	20.22 0.78 0.00	20.23 0.83 0.00	21.17 0.86 0.00	20.02 0.90 0.00	20.65 0.92 0.00	19.13 0.89 0.00	15.16 0.78 0.00	15.22 0.76 0.00	8.52 0.42 0.00	9.01 0.50 0.00	11.50 0.68 0.00	14.74 0.94 0.00	18.79 1.09 0.00	22.27 1.20 0.00	21.62 1.22 0.00	23.51 1.23 0.00	21.70 1.03 0.00	19.93 0.89 0.00
ARTHUR_KILL_2 23512	22.36 0.87 0.00	19.00 0.66 0.00	16.86 0.56 0.00	18.13 0.61 0.00	19.16 0.60 0.00	20.75 0.67 0.00	20.16 0.72 0.00	20.18 0.78 0.00	21.11 0.81 0.00	19.97 0.86 0.00	20.60 0.87 0.00	19.10 0.85 0.00	15.12 0.75 0.00	15.19 0.73 0.00	8.50 0.40 0.00	8.99 0.48 0.00	11.47 0.65 0.00	14.70 0.90 0.00	18.75 1.04 0.00	22.21 1.15 0.00	21.56 1.16 0.00	23.44 1.17 0.00	21.65 0.97 0.00	19.88 0.84 0.00
ARTHUR_KILL_3 23513	22.18 0.69 0.00	18.84 0.50 0.00	16.73 0.42 0.00	17.98 0.47 0.00	19.00 0.44 0.00	20.56 0.48 0.00	19.97 0.53 0.00	20.01 0.62 0.00	20.94 0.63 0.00	19.81 0.70 0.00	20.47 0.74 0.00	18.99 0.75 0.00	15.04 0.67 0.00	15.13 0.67 0.00	8.47 0.37 0.00	8.95 0.43 0.00	11.42 0.60 0.00	14.61 0.81 0.00	18.60 0.90 0.00	22.03 0.96 0.00	21.37 0.98 0.00	23.24 0.96 0.00	21.45 0.78 0.00	19.68 0.64 0.00

ARTHUR_KILL_COGEN 323718	22.42 0.93 0.00	19.05 0.71 0.00	16.91 0.60 0.00	18.17 0.66 0.00	19.21 0.65 0.00	20.81 0.73 0.00	20.22 0.78 0.00	20.23 0.83 0.00	21.17 0.86 0.00	20.02 0.90 0.00	20.65 0.92 0.00	19.13 0.89 0.00	15.16 0.78 0.00	15.22 0.76 0.00	8.52 0.42 0.00	9.01 0.50 0.00	11.50 0.68 0.00	14.74 0.94 0.00	18.79 1.09 0.00	22.27 1.20 0.00	21.62 1.22 0.00	23.51 1.23 0.00	21.70 1.03 0.00	19.93 0.89 0.00
ASHOKAN____ 23654	22.16 0.67 0.00	18.87 0.53 0.00	16.78 0.48 0.00	18.00 0.48 0.00	19.03 0.47 0.00	20.58 0.49 0.00	19.98 0.54 0.00	19.99 0.60 0.00	20.88 0.57 0.00	19.69 0.58 0.00	20.38 0.65 0.00	18.72 0.48 0.00	14.70 0.33 0.00	14.74 0.27 0.00	8.23 0.13 0.00	8.69 0.17 0.00	11.09 0.27 0.00	14.22 0.42 0.00	18.25 0.54 0.00	21.77 0.70 0.00	21.12 0.73 0.00	23.04 0.76 0.00	21.30 0.63 0.00	19.57 0.53 0.00
ASTORIA_EAST_ENERGY_CC1 323581	22.26 0.77 0.00	18.99 0.65 0.00	16.83 0.53 0.00	18.08 0.57 0.00	19.10 0.55 0.00	20.62 0.53 0.00	20.10 0.66 0.00	20.09 0.70 0.00	21.01 0.71 0.00	19.92 0.80 0.00	20.55 0.82 0.00	19.10 0.85 0.00	15.11 0.74 0.00	15.20 0.73 0.00	8.50 0.40 0.00	8.99 0.48 0.00	11.47 0.65 0.00	14.69 0.88 0.00	18.70 0.99 0.00	22.10 1.04 0.00	21.48 1.09 0.00	23.33 1.06 0.00	21.56 0.89 0.00	19.83 0.80 0.00
ASTORIA_EAST_ENERGY_CC2 323582	22.26 0.77 0.00	18.99 0.65 0.00	16.83 0.52 0.00	18.08 0.57 0.00	19.10 0.54 0.00	20.62 0.53 0.00	20.10 0.66 0.00	20.09 0.70 0.00	21.01 0.71 0.00	19.92 0.80 0.00	20.56 0.82 0.00	19.10 0.85 0.00	15.11 0.74 0.00	15.19 0.73 0.00	8.50 0.40 0.00	8.99 0.48 0.00	11.47 0.65 0.00	14.69 0.88 0.00	18.69 0.99 0.00	22.10 1.04 0.00	21.48 1.09 0.00	23.33 1.06 0.00	21.56 0.88 0.00	19.83 0.80 0.00
ASTORIA_GT2_1 24094	22.27 0.78 0.00	18.99 0.65 0.00	16.83 0.53 0.00	18.08 0.57 0.00	19.11 0.55 0.00	20.63 0.54 0.00	20.09 0.66 0.00	20.11 0.71 0.00	21.02 0.71 0.00	19.92 0.81 0.00	20.56 0.83 0.00	19.10 0.86 0.00	15.11 0.74 0.00	15.20 0.74 0.00	8.50 0.40 0.00	8.99 0.48 0.00	11.47 0.66 0.00	14.69 0.89 0.00	18.70 0.99 0.00	22.11 1.05 0.00	21.50 1.10 0.00	23.34 1.07 0.00	21.57 0.89 0.00	19.85 0.81 0.00
ASTORIA_GT2_2 24095	22.27 0.78 0.00	18.99 0.65 0.00	16.83 0.53 0.00	18.08 0.57 0.00	19.11 0.55 0.00	20.63 0.54 0.00	20.09 0.66 0.00	20.11 0.71 0.00	21.02 0.71 0.00	19.92 0.81 0.00	20.56 0.83 0.00	19.10 0.86 0.00	15.11 0.74 0.00	15.20 0.74 0.00	8.50 0.40 0.00	8.99 0.48 0.00	11.47 0.66 0.00	14.69 0.89 0.00	18.70 0.99 0.00	22.11 1.05 0.00	21.50 1.10 0.00	23.34 1.07 0.00	21.57 0.89 0.00	19.85 0.81 0.00
ASTORIA_GT2_3 24096	22.27 0.78 0.00	18.99 0.65 0.00	16.83 0.53 0.00	18.08 0.57 0.00	19.11 0.55 0.00	20.63 0.54 0.00	20.09 0.66 0.00	20.11 0.71 0.00	21.02 0.71 0.00	19.92 0.81 0.00	20.56 0.83 0.00	19.10 0.86 0.00	15.11 0.74 0.00	15.20 0.74 0.00	8.50 0.40 0.00	8.99 0.48 0.00	11.47 0.66 0.00	14.69 0.89 0.00	18.70 0.99 0.00	22.11 1.05 0.00	21.50 1.10 0.00	23.34 1.07 0.00	21.57 0.89 0.00	19.85 0.81 0.00
ASTORIA_GT2_4 24097	22.27 0.78 0.00	18.99 0.65 0.00	16.83 0.53 0.00	18.08 0.57 0.00	19.11 0.55 0.00	20.63 0.54 0.00	20.09 0.66 0.00	20.11 0.71 0.00	21.02 0.71 0.00	19.92 0.81 0.00	20.56 0.83 0.00	19.10 0.86 0.00	15.11 0.74 0.00	15.20 0.74 0.00	8.50 0.40 0.00	8.99 0.48 0.00	11.47 0.66 0.00	14.69 0.89 0.00	18.70 0.99 0.00	22.11 1.05 0.00	21.50 1.10 0.00	23.34 1.07 0.00	21.57 0.89 0.00	19.85 0.81 0.00
ASTORIA_GT3_1 24098	22.27 0.78 0.00	18.99 0.65 0.00	16.83 0.53 0.00	18.08 0.57 0.00	19.11 0.55 0.00	20.63 0.54 0.00	20.09 0.66 0.00	20.11 0.71 0.00	21.02 0.71 0.00	19.92 0.81 0.00	20.56 0.83 0.00	19.10 0.86 0.00	15.11 0.74 0.00	15.20 0.74 0.00	8.50 0.40 0.00	8.99 0.48 0.00	11.47 0.66 0.00	14.69 0.89 0.00	18.70 0.99 0.00	22.11 1.05 0.00	21.50 1.10 0.00	23.34 1.07 0.00	21.57 0.89 0.00	19.85 0.81 0.00
ASTORIA_GT3_2 24099	22.27 0.78 0.00	18.99 0.65 0.00	16.83 0.53 0.00	18.08 0.57 0.00	19.11 0.55 0.00	20.63 0.54 0.00	20.09 0.66 0.00	20.11 0.71 0.00	21.02 0.71 0.00	19.92 0.81 0.00	20.56 0.83 0.00	19.10 0.86 0.00	15.11 0.74 0.00	15.20 0.74 0.00	8.50 0.40 0.00	8.99 0.48 0.00	11.47 0.66 0.00	14.69 0.89 0.00	18.70 0.99 0.00	22.11 1.05 0.00	21.50 1.10 0.00	23.34 1.07 0.00	21.57 0.89 0.00	19.85 0.81 0.00
ASTORIA_GT3_3 24100	22.27 0.78 0.00	18.99 0.65 0.00	16.83 0.53 0.00	18.08 0.57 0.00	19.11 0.55 0.00	20.63 0.54 0.00	20.09 0.66 0.00	20.11 0.71 0.00	21.02 0.71 0.00	19.92 0.81 0.00	20.56 0.83 0.00	19.10 0.86 0.00	15.11 0.74 0.00	15.20 0.74 0.00	8.50 0.40 0.00	8.99 0.48 0.00	11.47 0.66 0.00	14.69 0.89 0.00	18.70 0.99 0.00	22.11 1.05 0.00	21.50 1.10 0.00	23.34 1.07 0.00	21.57 0.89 0.00	19.85 0.81 0.00
ASTORIA_GT3_4 24101	22.27 0.78 0.00	18.99 0.65 0.00	16.83 0.53 0.00	18.08 0.57 0.00	19.11 0.55 0.00	20.63 0.54 0.00	20.09 0.66 0.00	20.11 0.71 0.00	21.02 0.71 0.00	19.92 0.81 0.00	20.56 0.83 0.00	19.10 0.86 0.00	15.11 0.74 0.00	15.20 0.74 0.00	8.50 0.40 0.00	8.99 0.48 0.00	11.47 0.66 0.00	14.69 0.89 0.00	18.70 0.99 0.00	22.11 1.05 0.00	21.50 1.10 0.00	23.34 1.07 0.00	21.57 0.89 0.00	19.85 0.81 0.00
ASTORIA_GT4_1 24102	22.27 0.78 0.00	18.99 0.65 0.00	16.83 0.53 0.00	18.08 0.57 0.00	19.11 0.55 0.00	20.63 0.54 0.00	20.09 0.66 0.00	20.11 0.71 0.00	21.02 0.71 0.00	19.92 0.81 0.00	20.56 0.83 0.00	19.10 0.86 0.00	15.11 0.74 0.00	15.20 0.74 0.00	8.50 0.40 0.00	8.99 0.48 0.00	11.47 0.66 0.00	14.69 0.89 0.00	18.70 0.99 0.00	22.11 1.05 0.00	21.50 1.10 0.00	23.34 1.07 0.00	21.57 0.89 0.00	19.85 0.81 0.00
ASTORIA_GT4_2 24103	22.27 0.78 0.00	18.99 0.65 0.00	16.83 0.53 0.00	18.08 0.57 0.00	19.11 0.55 0.00	20.63 0.54 0.00	20.09 0.66 0.00	20.11 0.71 0.00	21.02 0.71 0.00	19.92 0.81 0.00	20.56 0.83 0.00	19.10 0.86 0.00	15.11 0.74 0.00	15.20 0.74 0.00	8.50 0.40 0.00	8.99 0.48 0.00	11.47 0.66 0.00	14.69 0.89 0.00	18.70 0.99 0.00	22.11 1.05 0.00	21.50 1.10 0.00	23.34 1.07 0.00	21.57 0.89 0.00	19.85 0.81 0.00
ASTORIA_GT4_3 24104	22.27 0.78 0.00	18.99 0.65 0.00	16.83 0.53 0.00	18.08 0.57 0.00	19.11 0.55 0.00	20.63 0.54 0.00	20.09 0.66 0.00	20.11 0.71 0.00	21.02 0.71 0.00	19.92 0.81 0.00	20.56 0.83 0.00	19.10 0.86 0.00	15.11 0.74 0.00	15.20 0.74 0.00	8.50 0.40 0.00	8.99 0.48 0.00	11.47 0.66 0.00	14.69 0.89 0.00	18.70 0.99 0.00	22.11 1.05 0.00	21.50 1.10 0.00	23.34 1.07 0.00	21.57 0.89 0.00	19.85 0.81 0.00

ASTORIA_GT4_4 24105	22.27 0.78 0.00	18.99 0.65 0.00	16.83 0.53 0.00	18.08 0.57 0.00	19.11 0.55 0.00	20.63 0.54 0.00	20.09 0.66 0.00	20.11 0.71 0.00	21.02 0.71 0.00	19.92 0.81 0.00	20.56 0.83 0.00	19.10 0.86 0.00	15.11 0.74 0.00	15.20 0.74 0.00	8.50 0.40 0.00	8.99 0.48 0.00	11.47 0.66 0.00	14.69 0.89 0.00	18.70 0.99 0.00	22.11 1.05 0.00	21.50 1.10 0.00	23.34 1.07 0.00	21.57 0.89 0.00	19.85 0.81 0.00
ASTORIA_GT_1 23523	22.31 0.82 0.00	19.02 0.68 0.00	16.86 0.55 0.00	18.11 0.59 0.00	19.13 0.58 0.00	20.66 0.57 0.00	20.13 0.70 0.00	20.13 0.74 0.00	21.06 0.75 0.00	19.96 0.84 0.00	20.60 0.86 0.00	19.13 0.89 0.00	15.13 0.76 0.00	15.22 0.76 0.00	8.52 0.41 0.00	9.00 0.49 0.00	11.49 0.67 0.00	14.71 0.91 0.00	18.73 1.02 0.00	22.15 1.09 0.00	21.53 1.13 0.00	23.38 1.11 0.00	21.60 0.93 0.00	19.87 0.83 0.00
ASTORIA_GT_10 24110	22.33 0.84 0.00	18.98 0.64 0.00	16.84 0.53 0.00	18.09 0.58 0.00	19.11 0.55 0.00	20.66 0.57 0.00	20.08 0.64 0.00	20.12 0.72 0.00	21.05 0.74 0.00	19.93 0.81 0.00	20.59 0.85 0.00	19.11 0.86 0.00	15.14 0.77 0.00	15.24 0.77 0.00	8.53 0.42 0.00	9.01 0.49 0.00	11.48 0.67 0.00	14.69 0.89 0.00	18.68 0.97 0.00	22.10 1.04 0.00	21.45 1.06 0.00	23.32 1.05 0.00	21.53 0.86 0.00	19.77 0.73 0.00
ASTORIA_GT_11 24225	22.33 0.84 0.00	18.98 0.64 0.00	16.84 0.53 0.00	18.09 0.58 0.00	19.11 0.55 0.00	20.66 0.57 0.00	20.08 0.64 0.00	20.12 0.72 0.00	21.05 0.74 0.00	19.93 0.81 0.00	20.59 0.85 0.00	19.11 0.86 0.00	15.14 0.77 0.00	15.24 0.77 0.00	8.53 0.42 0.00	9.01 0.49 0.00	11.48 0.67 0.00	14.69 0.89 0.00	18.68 0.97 0.00	22.10 1.04 0.00	21.45 1.06 0.00	23.32 1.05 0.00	21.53 0.86 0.00	19.77 0.73 0.00
ASTORIA_GT_12 24226	22.33 0.84 0.00	18.98 0.64 0.00	16.84 0.53 0.00	18.09 0.58 0.00	19.11 0.55 0.00	20.66 0.57 0.00	20.08 0.64 0.00	20.12 0.72 0.00	21.05 0.74 0.00	19.93 0.81 0.00	20.59 0.85 0.00	19.11 0.86 0.00	15.14 0.77 0.00	15.24 0.77 0.00	8.53 0.42 0.00	9.01 0.49 0.00	11.48 0.67 0.00	14.69 0.89 0.00	18.68 0.97 0.00	22.10 1.04 0.00	21.45 1.06 0.00	23.32 1.05 0.00	21.53 0.86 0.00	19.77 0.73 0.00
ASTORIA_GT_13 24227	22.33 0.84 0.00	18.98 0.64 0.00	16.84 0.53 0.00	18.09 0.58 0.00	19.11 0.55 0.00	20.66 0.57 0.00	20.08 0.64 0.00	20.12 0.72 0.00	21.05 0.74 0.00	19.93 0.81 0.00	20.59 0.85 0.00	19.11 0.86 0.00	15.14 0.77 0.00	15.24 0.77 0.00	8.53 0.42 0.00	9.01 0.49 0.00	11.48 0.67 0.00	14.69 0.89 0.00	18.68 0.97 0.00	22.10 1.04 0.00	21.45 1.06 0.00	23.32 1.05 0.00	21.53 0.86 0.00	19.77 0.73 0.00
ASTORIA_GT_5 24106	22.31 0.82 0.00	19.02 0.68 0.00	16.86 0.55 0.00	18.11 0.60 0.00	19.13 0.58 0.00	20.66 0.57 0.00	20.13 0.69 0.00	20.14 0.74 0.00	21.05 0.75 0.00	19.96 0.84 0.00	20.60 0.87 0.00	19.13 0.89 0.00	15.14 0.77 0.00	15.23 0.76 0.00	8.52 0.41 0.00	9.00 0.49 0.00	11.49 0.67 0.00	14.71 0.91 0.00	18.73 1.02 0.00	22.15 1.09 0.00	21.53 1.13 0.00	23.38 1.11 0.00	21.60 0.93 0.00	19.88 0.83 0.00
ASTORIA_GT_7 24107	22.31 0.82 0.00	19.02 0.68 0.00	16.86 0.55 0.00	18.11 0.60 0.00	19.13 0.58 0.00	20.66 0.57 0.00	20.13 0.69 0.00	20.14 0.74 0.00	21.05 0.75 0.00	19.96 0.84 0.00	20.60 0.87 0.00	19.13 0.89 0.00	15.14 0.77 0.00	15.23 0.76 0.00	8.52 0.41 0.00	9.00 0.49 0.00	11.49 0.67 0.00	14.71 0.91 0.00	18.73 1.02 0.00	22.15 1.09 0.00	21.53 1.13 0.00	23.38 1.11 0.00	21.60 0.93 0.00	19.88 0.83 0.00
ASTORIA_GT_8 24108	22.31 0.82 0.00	19.02 0.68 0.00	16.86 0.55 0.00	18.11 0.60 0.00	19.13 0.58 0.00	20.66 0.57 0.00	20.13 0.69 0.00	20.14 0.74 0.00	21.05 0.75 0.00	19.96 0.84 0.00	20.60 0.87 0.00	19.13 0.89 0.00	15.14 0.77 0.00	15.23 0.76 0.00	8.52 0.41 0.00	9.00 0.49 0.00	11.49 0.67 0.00	14.71 0.91 0.00	18.73 1.02 0.00	22.15 1.09 0.00	21.53 1.13 0.00	23.38 1.11 0.00	21.60 0.93 0.00	19.88 0.83 0.00
ASTORIA___2 24149	22.27 0.78 0.00	18.99 0.65 0.00	16.83 0.53 0.00	18.09 0.57 0.00	19.11 0.55 0.00	20.63 0.55 0.00	20.10 0.66 0.00	20.10 0.71 0.00	21.02 0.71 0.00	19.92 0.81 0.00	20.56 0.83 0.00	19.11 0.86 0.00	15.11 0.74 0.00	15.20 0.74 0.00	8.50 0.40 0.00	8.99 0.48 0.00	11.47 0.66 0.00	14.69 0.89 0.00	18.70 0.99 0.00	22.11 1.05 0.00	21.50 1.10 0.00	23.34 1.07 0.00	21.57 0.89 0.00	19.84 0.80 0.00
ASTORIA___3 23516	22.33 0.84 0.00	18.98 0.64 0.00	16.84 0.53 0.00	18.10 0.58 0.00	19.11 0.55 0.00	20.66 0.58 0.00	20.08 0.64 0.00	20.12 0.72 0.00	21.05 0.74 0.00	19.93 0.81 0.00	20.59 0.85 0.00	19.11 0.87 0.00	15.14 0.77 0.00	15.24 0.77 0.00	8.53 0.42 0.00	9.00 0.49 0.00	11.48 0.67 0.00	14.69 0.89 0.00	18.68 0.97 0.00	22.10 1.03 0.00	21.45 1.06 0.00	23.32 1.05 0.00	21.53 0.85 0.00	19.77 0.73 0.00
ASTORIA___4 23517	22.33 0.84 0.00	18.98 0.64 0.00	16.84 0.53 0.00	18.09 0.58 0.00	19.11 0.55 0.00	20.66 0.57 0.00	20.08 0.64 0.00	20.12 0.72 0.00	21.05 0.74 0.00	19.93 0.81 0.00	20.59 0.85 0.00	19.11 0.86 0.00	15.14 0.77 0.00	15.24 0.77 0.00	8.53 0.42 0.00	9.00 0.49 0.00	11.48 0.67 0.00	14.69 0.89 0.00	18.68 0.97 0.00	22.10 1.04 0.00	21.45 1.05 0.00	23.32 1.05 0.00	21.53 0.86 0.00	19.77 0.73 0.00
ASTORIA___5 23518	22.33 0.84 0.00	18.98 0.64 0.00	16.84 0.53 0.00	18.10 0.58 0.00	19.11 0.55 0.00	20.66 0.58 0.00	20.08 0.65 0.00	20.12 0.72 0.00	21.05 0.74 0.00	19.93 0.81 0.00	20.59 0.85 0.00	19.11 0.87 0.00	15.14 0.77 0.00	15.24 0.77 0.00	8.53 0.42 0.00	9.01 0.49 0.00	11.48 0.67 0.00	14.69 0.89 0.00	18.68 0.97 0.00	22.10 1.04 0.00	21.45 1.06 0.00	23.32 1.05 0.00	21.53 0.85 0.00	19.77 0.73 0.00
AST_ENERGY_2_CC3 323677	22.23 0.75 0.00	18.89 0.55 0.00	16.79 0.49 0.00	18.05 0.53 0.00	19.05 0.50 0.00	20.61 0.53 0.00	20.00 0.56 0.00	20.05 0.66 0.00	20.97 0.66 0.00	19.85 0.73 0.00	20.51 0.78 0.00	19.04 0.80 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.50 0.39 0.00	8.97 0.46 0.00	11.45 0.63 0.00	14.66 0.85 0.00	18.65 0.94 0.00	22.06 1.00 0.00	21.40 1.01 0.00	23.26 0.99 0.00	21.48 0.81 0.00	19.71 0.68 0.00
AST_ENERGY_2_CC4 323678	22.23 0.75 0.00	18.89 0.55 0.00	16.79 0.49 0.00	18.05 0.53 0.00	19.05 0.50 0.00	20.61 0.53 0.00	20.00 0.56 0.00	20.05 0.66 0.00	20.97 0.66 0.00	19.85 0.73 0.00	20.51 0.78 0.00	19.04 0.80 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.50 0.39 0.00	8.97 0.46 0.00	11.45 0.63 0.00	14.66 0.85 0.00	18.65 0.94 0.00	22.06 1.00 0.00	21.40 1.01 0.00	23.26 0.99 0.00	21.48 0.81 0.00	19.71 0.68 0.00

ATHENS_STG_1 23668	21.85 0.36 0.00	18.60 0.26 0.00	16.55 0.24 0.00	17.78 0.27 0.00	18.79 0.24 0.00	20.30 0.22 0.00	19.67 0.24 0.00	19.67 0.27 0.00	20.58 0.28 0.00	19.43 0.32 0.00	20.09 0.36 0.00	18.61 0.36 0.00	14.69 0.31 0.00	14.78 0.32 0.00	8.30 0.19 0.00	8.74 0.22 0.00	11.14 0.32 0.00	14.19 0.38 0.00	18.11 0.40 0.00	21.51 0.44 0.00	20.84 0.45 0.00	22.71 0.44 0.00	21.03 0.36 0.00	19.35 0.30 0.00
ATHENS_STG_2 23670	21.85 0.36 0.00	18.60 0.26 0.00	16.55 0.24 0.00	17.78 0.27 0.00	18.79 0.24 0.00	20.30 0.22 0.00	19.67 0.24 0.00	19.67 0.27 0.00	20.58 0.28 0.00	19.43 0.32 0.00	20.09 0.36 0.00	18.61 0.36 0.00	14.69 0.31 0.00	14.78 0.32 0.00	8.30 0.19 0.00	8.74 0.22 0.00	11.14 0.32 0.00	14.19 0.38 0.00	18.11 0.40 0.00	21.51 0.44 0.00	20.84 0.45 0.00	22.71 0.44 0.00	21.03 0.36 0.00	19.35 0.30 0.00
ATHENS_STG_3 23677	21.85 0.36 0.00	18.60 0.26 0.00	16.55 0.24 0.00	17.78 0.27 0.00	18.79 0.24 0.00	20.30 0.22 0.00	19.67 0.24 0.00	19.67 0.27 0.00	20.58 0.28 0.00	19.43 0.32 0.00	20.09 0.36 0.00	18.61 0.36 0.00	14.69 0.31 0.00	14.78 0.32 0.00	8.30 0.19 0.00	8.74 0.22 0.00	11.14 0.32 0.00	14.19 0.38 0.00	18.11 0.40 0.00	21.51 0.44 0.00	20.84 0.45 0.00	22.71 0.44 0.00	21.03 0.36 0.00	19.35 0.30 0.00
AUBURN___LFGE 323710	21.59 0.10 0.00	18.35 0.01 0.00	16.31 0.00 0.00	17.51 -0.01 0.00	18.59 0.04 0.00	20.12 0.03 0.00	19.48 0.05 0.00	19.46 0.07 0.00	20.43 0.12 0.00	19.22 0.11 0.00	19.82 0.09 0.00	18.28 0.03 0.00	14.39 0.02 0.00	14.42 -0.04 0.00	8.06 -0.04 0.00	8.46 -0.05 0.00	10.73 -0.09 0.00	13.72 -0.08 0.00	17.72 0.01 0.00	21.09 0.03 0.00	20.46 0.07 0.00	22.23 -0.04 0.00	20.60 -0.07 0.00	18.96 -0.08 0.00
BABYLON_RES_REC 323704	22.49 1.00 0.00	19.16 0.82 0.00	16.95 0.64 0.00	18.20 0.68 0.00	19.23 0.68 0.00	20.75 0.67 0.00	20.13 0.69 0.00	20.08 0.68 0.00	20.87 0.56 0.00	19.75 0.64 0.00	20.49 0.76 0.00	18.93 0.69 0.00	14.91 0.54 0.00	14.98 0.52 0.00	8.40 0.30 0.00	8.89 0.38 0.00	11.42 0.61 0.00	14.68 0.88 0.00	18.65 0.94 0.00	22.20 1.14 0.00	21.51 1.12 0.00	23.48 1.21 0.00	21.72 1.04 0.00	19.87 0.83 0.00
BABYLON__69_KV_BK2 356345	22.70 1.21 0.00	19.36 1.02 0.00	17.12 0.81 0.00	18.38 0.86 0.00	19.42 0.86 0.00	20.95 0.86 0.00	20.33 0.90 0.00	20.27 0.88 0.00	21.07 0.76 0.00	19.93 0.82 0.00	20.67 0.93 0.00	19.09 0.85 0.00	15.03 0.66 0.00	15.09 0.63 0.00	8.46 0.36 0.00	8.95 0.44 0.00	11.52 0.70 0.00	14.82 1.02 0.00	18.84 1.13 0.00	22.44 1.38 0.00	21.74 1.35 0.00	23.73 1.45 0.00	21.95 1.28 0.00	20.07 1.03 0.00
BALL_HILL_WT_PWR 323825	21.81 0.32 0.00	18.59 0.25 0.00	16.44 0.13 0.00	17.69 0.18 0.00	18.90 0.34 0.00	20.61 0.53 0.00	19.85 0.42 0.00	19.66 0.27 0.00	20.73 0.42 0.00	19.52 0.41 0.00	20.17 0.44 0.00	18.51 0.27 0.00	14.62 0.25 0.00	14.68 0.22 0.00	8.25 0.15 0.00	8.59 0.08 0.00	10.79 -0.03 0.00	13.78 -0.03 0.00	17.80 0.09 0.00	21.06 -0.01 0.00	20.45 0.05 0.00	22.05 -0.22 0.00	20.45 -0.22 0.00	18.98 -0.06 0.00
BARON_WINDS___WT_PWR 323822	21.72 0.23 0.00	18.34 0.00 0.00	16.16 -0.15 0.00	17.42 -0.10 0.00	18.41 -0.14 0.00	19.93 -0.15 0.00	19.29 -0.14 0.00	19.44 0.04 0.00	20.54 0.23 0.00	19.46 0.35 0.00	20.08 0.35 0.00	18.56 0.31 0.00	14.62 0.25 0.00	14.64 0.17 0.00	8.18 0.07 0.00	8.54 0.03 0.00	10.83 0.02 0.00	13.88 0.08 0.00	18.05 0.34 0.00	21.49 0.42 0.00	20.87 0.48 0.00	22.74 0.46 0.00	21.02 0.35 0.00	19.20 0.16 0.00
BARRETT_IC_1 23704	22.32 0.83 0.00	19.00 0.67 0.00	16.82 0.52 0.00	18.07 0.56 0.00	19.09 0.54 0.00	20.59 0.51 0.00	19.96 0.52 0.00	19.90 0.51 0.00	20.70 0.39 0.00	19.65 0.53 0.00	20.44 0.71 0.00	18.92 0.67 0.00	14.91 0.54 0.00	14.99 0.53 0.00	8.41 0.30 0.00	8.90 0.38 0.00	11.42 0.58 -0.02	14.61 0.81 0.00	18.54 0.83 0.00	21.99 0.93 0.00	21.29 0.90 0.00	23.26 0.98 0.00	21.52 0.85 0.00	19.71 0.67 0.00
BARRETT_IC_10 23701	22.32 0.83 0.00	19.00 0.67 0.00	16.82 0.52 0.00	18.07 0.56 0.00	19.09 0.54 0.00	20.59 0.51 0.00	19.96 0.52 0.00	19.90 0.51 0.00	20.70 0.39 0.00	19.65 0.53 0.00	20.44 0.71 0.00	18.92 0.67 0.00	14.91 0.54 0.00	14.99 0.53 0.00	8.41 0.30 0.00	8.90 0.38 0.00	11.42 0.58 -0.02	14.61 0.81 0.00	18.54 0.83 0.00	21.99 0.93 0.00	21.29 0.90 0.00	23.26 0.98 0.00	21.52 0.85 0.00	19.71 0.67 0.00
BARRETT_IC_11 23702	22.32 0.83 0.00	19.00 0.67 0.00	16.82 0.52 0.00	18.07 0.56 0.00	19.09 0.54 0.00	20.59 0.51 0.00	19.96 0.52 0.00	19.90 0.51 0.00	20.70 0.39 0.00	19.65 0.53 0.00	20.44 0.71 0.00	18.92 0.67 0.00	14.91 0.54 0.00	14.99 0.53 0.00	8.41 0.30 0.00	8.90 0.38 0.00	11.42 0.58 -0.02	14.61 0.81 0.00	18.54 0.83 0.00	21.99 0.93 0.00	21.29 0.90 0.00	23.26 0.98 0.00	21.52 0.85 0.00	19.71 0.67 0.00
BARRETT_IC_12 23703	22.32 0.83 0.00	19.00 0.67 0.00	16.82 0.52 0.00	18.07 0.56 0.00	19.09 0.54 0.00	20.59 0.51 0.00	19.96 0.52 0.00	19.90 0.51 0.00	20.70 0.39 0.00	19.65 0.53 0.00	20.44 0.71 0.00	18.92 0.67 0.00	14.91 0.54 0.00	14.99 0.53 0.00	8.41 0.30 0.00	8.90 0.38 0.00	11.42 0.58 -0.02	14.61 0.81 0.00	18.54 0.83 0.00	21.99 0.93 0.00	21.29 0.90 0.00	23.26 0.98 0.00	21.52 0.85 0.00	19.71 0.67 0.00
BARRETT_IC_2 23705	22.32 0.83 0.00	19.00 0.67 0.00	16.82 0.52 0.00	18.07 0.56 0.00	19.09 0.54 0.00	20.59 0.51 0.00	19.96 0.52 0.00	19.90 0.51 0.00	20.70 0.39 0.00	19.65 0.53 0.00	20.44 0.71 0.00	18.92 0.67 0.00	14.91 0.54 0.00	14.99 0.53 0.00	8.41 0.30 0.00	8.90 0.38 0.00	11.42 0.58 -0.02	14.61 0.81 0.00	18.54 0.83 0.00	21.99 0.93 0.00	21.29 0.90 0.00	23.26 0.98 0.00	21.52 0.85 0.00	19.71 0.67 0.00
BARRETT_IC_3 23706	22.32 0.83 0.00	19.00 0.67 0.00	16.82 0.52 0.00	18.07 0.56 0.00	19.09 0.54 0.00	20.59 0.51 0.00	19.96 0.52 0.00	19.90 0.51 0.00	20.70 0.39 0.00	19.65 0.53 0.00	20.44 0.71 0.00	18.92 0.67 0.00	14.91 0.54 0.00	14.99 0.53 0.00	8.41 0.30 0.00	8.90 0.38 0.00	11.42 0.58 -0.02	14.61 0.81 0.00	18.54 0.83 0.00	21.99 0.93 0.00	21.29 0.90 0.00	23.26 0.98 0.00	21.52 0.85 0.00	19.71 0.67 0.00
BARRETT_IC_4 23707	22.32 0.83 0.00	19.00 0.67 0.00	16.82 0.52 0.00	18.07 0.56 0.00	19.09 0.54 0.00	20.59 0.51 0.00	19.96 0.52 0.00	19.90 0.51 0.00	20.70 0.39 0.00	19.65 0.53 0.00	20.44 0.71 0.00	18.92 0.67 0.00	14.91 0.54 0.00	14.99 0.53 0.00	8.41 0.30 0.00	8.90 0.38 0.00	11.42 0.58 -0.02	14.61 0.81 0.00	18.54 0.83 0.00	21.99 0.93 0.00	21.29 0.90 0.00	23.26 0.98 0.00	21.52 0.85 0.00	19.71 0.67 0.00

BARRETT_IC_5 23708	22.32 0.83 0.00	19.00 0.67 0.00	16.82 0.52 0.00	18.07 0.56 0.00	19.09 0.54 0.00	20.59 0.51 0.00	19.96 0.52 0.00	19.90 0.51 0.00	20.70 0.39 0.00	19.65 0.53 0.00	20.44 0.71 0.00	18.92 0.67 0.00	14.91 0.54 0.00	14.99 0.53 0.00	8.41 0.30 0.00	8.90 0.38 0.00	11.42 0.58 -0.02	14.61 0.81 0.00	18.54 0.83 0.00	21.99 0.93 0.00	21.29 0.90 0.00	23.26 0.98 0.00	21.52 0.85 0.00	19.71 0.67 0.00
BARRETT_IC_6 23709	22.32 0.83 0.00	19.00 0.67 0.00	16.82 0.52 0.00	18.07 0.56 0.00	19.09 0.54 0.00	20.59 0.51 0.00	19.96 0.52 0.00	19.90 0.51 0.00	20.70 0.39 0.00	19.65 0.53 0.00	20.44 0.71 0.00	18.92 0.67 0.00	14.91 0.54 0.00	14.99 0.53 0.00	8.41 0.30 0.00	8.90 0.38 0.00	11.42 0.58 -0.02	14.61 0.81 0.00	18.54 0.83 0.00	21.99 0.93 0.00	21.29 0.90 0.00	23.26 0.98 0.00	21.52 0.85 0.00	19.71 0.67 0.00
BARRETT_IC_7 23710	22.32 0.83 0.00	19.01 0.67 0.00	16.82 0.52 0.00	18.07 0.56 0.00	19.09 0.54 0.00	20.59 0.51 0.00	19.96 0.53 0.00	19.90 0.51 0.00	20.71 0.40 0.00	19.65 0.53 0.00	20.44 0.71 0.00	18.92 0.67 0.00	14.91 0.54 0.00	14.99 0.53 0.00	8.41 0.30 0.00	8.90 0.38 0.00	11.42 0.58 -0.02	14.61 0.81 0.00	18.54 0.83 0.00	21.99 0.93 0.00	21.29 0.90 0.00	23.26 0.98 0.00	21.52 0.85 0.00	19.71 0.67 0.00
BARRETT_IC_8 23711	22.32 0.83 0.00	19.00 0.67 0.00	16.82 0.52 0.00	18.07 0.56 0.00	19.09 0.54 0.00	20.59 0.51 0.00	19.96 0.52 0.00	19.90 0.51 0.00	20.70 0.39 0.00	19.65 0.53 0.00	20.44 0.71 0.00	18.92 0.67 0.00	14.91 0.54 0.00	14.99 0.53 0.00	8.41 0.30 0.00	8.90 0.38 0.00	11.42 0.58 -0.02	14.61 0.81 0.00	18.54 0.83 0.00	21.99 0.93 0.00	21.29 0.90 0.00	23.26 0.98 0.00	21.52 0.85 0.00	19.71 0.67 0.00
BARRETT_IC_9 23700	22.32 0.83 0.00	19.00 0.67 0.00	16.82 0.52 0.00	18.07 0.56 0.00	19.09 0.54 0.00	20.59 0.51 0.00	19.96 0.52 0.00	19.90 0.51 0.00	20.70 0.39 0.00	19.65 0.53 0.00	20.44 0.71 0.00	18.92 0.67 0.00	14.91 0.54 0.00	14.99 0.53 0.00	8.41 0.30 0.00	8.90 0.38 0.00	11.42 0.58 -0.02	14.61 0.81 0.00	18.54 0.83 0.00	21.99 0.93 0.00	21.29 0.90 0.00	23.26 0.98 0.00	21.52 0.85 0.00	19.71 0.67 0.00
BARRETT___1 23545	22.32 0.83 0.00	19.00 0.67 0.00	16.82 0.52 0.00	18.07 0.56 0.00	19.09 0.54 0.00	20.59 0.51 0.00	19.96 0.52 0.00	19.90 0.51 0.00	20.70 0.39 0.00	19.65 0.53 0.00	20.44 0.71 0.00	18.92 0.67 0.00	14.91 0.54 0.00	14.99 0.53 0.00	8.41 0.30 0.00	8.90 0.38 0.00	11.42 0.58 -0.02	14.61 0.81 0.00	18.54 0.83 0.00	21.99 0.93 0.00	21.29 0.90 0.00	23.26 0.98 0.00	21.52 0.85 0.00	19.71 0.67 0.00
BARRETT___2 23546	22.32 0.83 0.00	19.00 0.67 0.00	16.82 0.52 0.00	18.07 0.56 0.00	19.09 0.54 0.00	20.59 0.51 0.00	19.96 0.52 0.00	19.90 0.51 0.00	20.70 0.39 0.00	19.65 0.53 0.00	20.44 0.71 0.00	18.92 0.67 0.00	14.91 0.54 0.00	14.99 0.53 0.00	8.41 0.30 0.00	8.90 0.38 0.00	11.42 0.58 -0.02	14.61 0.81 0.00	18.54 0.83 0.00	21.99 0.93 0.00	21.29 0.90 0.00	23.26 0.98 0.00	21.52 0.85 0.00	19.71 0.67 0.00
BATAVIA___115KV_TB1 55881	21.88 0.40 0.00	18.74 0.40 0.00	16.62 0.32 0.00	17.88 0.36 0.00	19.08 0.52 0.00	20.73 0.65 0.00	19.93 0.49 0.00	19.64 0.25 0.00	20.70 0.39 0.00	19.42 0.30 0.00	20.07 0.34 0.00	18.37 0.13 0.00	14.46 0.09 0.00	14.48 0.02 0.00	8.13 0.02 0.00	8.44 -0.07 0.00	10.58 -0.23 0.00	13.55 -0.26 0.00	17.62 -0.09 0.00	20.94 -0.13 0.00	20.37 -0.02 0.00	21.92 -0.35 0.00	20.34 -0.33 0.00	19.00 -0.04 0.00
BAYONEEC___CTG1 323682	22.26 0.77 0.00	18.91 0.57 0.00	16.80 0.49 0.00	18.05 0.54 0.00	19.07 0.51 0.00	20.62 0.54 0.00	20.03 0.59 0.00	20.08 0.68 0.00	21.00 0.69 0.00	19.87 0.76 0.00	20.54 0.81 0.00	19.06 0.82 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.50 0.39 0.00	8.98 0.47 0.00	11.45 0.63 0.00	14.66 0.86 0.00	18.66 0.96 0.00	22.09 1.03 0.00	21.43 1.04 0.00	23.30 1.03 0.00	21.51 0.84 0.00	19.74 0.70 0.00
BAYONEEC___CTG10 323750	22.26 0.77 0.00	18.91 0.57 0.00	16.80 0.49 0.00	18.05 0.54 0.00	19.07 0.51 0.00	20.62 0.54 0.00	20.03 0.59 0.00	20.08 0.68 0.00	21.00 0.69 0.00	19.87 0.76 0.00	20.54 0.81 0.00	19.06 0.82 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.50 0.39 0.00	8.98 0.47 0.00	11.45 0.63 0.00	14.66 0.86 0.00	18.66 0.96 0.00	22.09 1.03 0.00	21.43 1.04 0.00	23.30 1.03 0.00	21.51 0.84 0.00	19.74 0.70 0.00
BAYONEEC___CTG2 323683	22.26 0.77 0.00	18.91 0.57 0.00	16.80 0.49 0.00	18.05 0.54 0.00	19.07 0.51 0.00	20.62 0.54 0.00	20.03 0.59 0.00	20.08 0.68 0.00	21.00 0.69 0.00	19.87 0.76 0.00	20.54 0.81 0.00	19.06 0.82 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.50 0.39 0.00	8.98 0.47 0.00	11.45 0.63 0.00	14.66 0.86 0.00	18.66 0.96 0.00	22.09 1.03 0.00	21.43 1.04 0.00	23.30 1.03 0.00	21.51 0.84 0.00	19.74 0.70 0.00
BAYONEEC___CTG3 323684	22.26 0.77 0.00	18.91 0.57 0.00	16.80 0.49 0.00	18.05 0.54 0.00	19.07 0.51 0.00	20.62 0.54 0.00	20.03 0.59 0.00	20.08 0.68 0.00	21.00 0.69 0.00	19.87 0.76 0.00	20.54 0.81 0.00	19.06 0.82 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.50 0.39 0.00	8.98 0.47 0.00	11.45 0.63 0.00	14.66 0.86 0.00	18.66 0.96 0.00	22.09 1.03 0.00	21.43 1.04 0.00	23.30 1.03 0.00	21.51 0.84 0.00	19.74 0.70 0.00
BAYONEEC___CTG4 323685	22.26 0.77 0.00	18.91 0.57 0.00	16.80 0.49 0.00	18.05 0.54 0.00	19.07 0.51 0.00	20.62 0.54 0.00	20.03 0.59 0.00	20.08 0.68 0.00	21.00 0.69 0.00	19.87 0.76 0.00	20.54 0.81 0.00	19.06 0.82 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.50 0.39 0.00	8.98 0.47 0.00	11.45 0.63 0.00	14.66 0.86 0.00	18.66 0.96 0.00	22.09 1.03 0.00	21.43 1.04 0.00	23.30 1.03 0.00	21.51 0.84 0.00	19.74 0.70 0.00
BAYONEEC___CTG5 323686	22.26 0.77 0.00	18.91 0.57 0.00	16.80 0.49 0.00	18.05 0.54 0.00	19.07 0.51 0.00	20.62 0.54 0.00	20.03 0.59 0.00	20.08 0.68 0.00	21.00 0.69 0.00	19.87 0.76 0.00	20.54 0.81 0.00	19.06 0.82 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.50 0.39 0.00	8.98 0.47 0.00	11.45 0.63 0.00	14.66 0.86 0.00	18.66 0.96 0.00	22.09 1.03 0.00	21.43 1.04 0.00	23.30 1.03 0.00	21.51 0.84 0.00	19.74 0.70 0.00
BAYONEEC___CTG6 323687	22.26 0.77 0.00	18.91 0.57 0.00	16.80 0.49 0.00	18.05 0.54 0.00	19.07 0.51 0.00	20.62 0.54 0.00	20.03 0.59 0.00	20.08 0.68 0.00	21.00 0.69 0.00	19.87 0.76 0.00	20.54 0.81 0.00	19.06 0.82 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.50 0.39 0.00	8.98 0.47 0.00	11.45 0.63 0.00	14.66 0.86 0.00	18.66 0.96 0.00	22.09 1.03 0.00	21.43 1.04 0.00	23.30 1.03 0.00	21.51 0.84 0.00	19.74 0.70 0.00

BAYONEEC___CTG7 323688	22.26 0.77 0.00	18.91 0.57 0.00	16.80 0.49 0.00	18.05 0.54 0.00	19.07 0.51 0.00	20.62 0.54 0.00	20.03 0.59 0.00	20.08 0.68 0.00	21.00 0.69 0.00	19.87 0.76 0.00	20.54 0.81 0.00	19.06 0.82 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.50 0.39 0.00	8.98 0.47 0.00	11.45 0.63 0.00	14.66 0.86 0.00	18.66 0.96 0.00	22.09 1.03 0.00	21.43 1.04 0.00	23.30 1.03 0.00	21.51 0.84 0.00	19.74 0.70 0.00
BAYONEEC___CTG8 323689	22.26 0.77 0.00	18.91 0.57 0.00	16.80 0.49 0.00	18.05 0.54 0.00	19.07 0.51 0.00	20.62 0.54 0.00	20.03 0.59 0.00	20.08 0.68 0.00	21.00 0.69 0.00	19.87 0.76 0.00	20.54 0.81 0.00	19.06 0.82 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.50 0.39 0.00	8.98 0.47 0.00	11.45 0.63 0.00	14.66 0.86 0.00	18.66 0.96 0.00	22.09 1.03 0.00	21.43 1.04 0.00	23.30 1.03 0.00	21.51 0.84 0.00	19.74 0.70 0.00
BAYONEEC___CTG9 323749	22.26 0.77 0.00	18.91 0.57 0.00	16.80 0.49 0.00	18.05 0.54 0.00	19.07 0.51 0.00	20.62 0.54 0.00	20.03 0.59 0.00	20.08 0.68 0.00	21.00 0.69 0.00	19.87 0.76 0.00	20.54 0.81 0.00	19.06 0.82 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.50 0.39 0.00	8.98 0.47 0.00	11.45 0.63 0.00	14.66 0.86 0.00	18.66 0.96 0.00	22.09 1.03 0.00	21.43 1.04 0.00	23.30 1.03 0.00	21.51 0.84 0.00	19.74 0.70 0.00
BEACON___LESR 323632	22.17 0.68 0.00	18.84 0.51 0.00	16.77 0.46 0.00	18.00 0.49 0.00	19.09 0.54 0.00	20.58 0.49 0.00	19.96 0.53 0.00	19.96 0.57 0.00	20.88 0.57 0.00	19.71 0.59 0.00	20.38 0.65 0.00	18.82 0.58 0.00	14.81 0.44 0.00	14.89 0.43 0.00	8.32 0.21 0.00	8.75 0.24 0.00	11.16 0.34 0.00	14.30 0.50 0.00	18.25 0.54 0.00	21.58 0.52 0.00	20.87 0.48 0.00	22.84 0.57 0.00	21.14 0.47 0.00	19.45 0.41 0.00
BEAVER RIVER___HYD 24048	21.24 -0.24 0.00	18.00 -0.34 0.00	16.09 -0.21 0.00	17.41 -0.11 0.00	18.56 0.00 0.00	20.15 0.07 0.00	19.46 0.03 0.00	19.40 0.01 0.00	20.32 0.02 0.00	18.92 -0.20 0.00	19.33 -0.41 0.00	17.73 -0.52 0.00	13.81 -0.56 0.00	13.83 -0.63 0.00	7.67 -0.44 0.00	8.00 -0.51 0.00	10.20 -0.61 0.00	13.14 -0.66 0.00	17.22 -0.49 0.00	20.94 -0.13 0.00	20.26 -0.14 0.00	22.01 -0.26 0.00	20.49 -0.18 0.00	18.86 -0.18 0.00
BEEBEE_GT_13 23619	21.49 0.00 0.00	18.37 0.03 0.00	16.31 0.00 0.00	17.54 0.02 0.00	18.67 0.12 0.00	20.28 0.20 0.00	19.55 0.12 0.00	19.37 -0.03 0.00	20.37 0.05 0.00	19.15 0.03 0.00	19.79 0.06 0.00	18.17 -0.08 0.00	14.30 -0.07 0.00	14.37 -0.09 0.00	8.07 -0.04 0.00	8.42 -0.10 0.00	10.60 -0.22 0.00	13.56 -0.25 0.00	17.50 -0.21 0.00	20.76 -0.30 0.00	20.16 -0.23 0.00	21.78 -0.49 0.00	20.20 -0.47 0.00	18.75 -0.30 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.49 1.01 0.00	19.11 0.77 0.00	16.95 0.64 0.00	18.21 0.69 0.00	19.24 0.68 0.00	20.82 0.74 0.00	20.23 0.80 0.00	20.27 0.87 0.00	21.22 0.91 0.00	20.08 0.97 0.00	20.75 1.02 0.00	19.25 1.01 0.00	15.25 0.88 0.00	15.33 0.87 0.00	8.58 0.48 0.00	9.07 0.55 0.00	11.56 0.75 0.00	14.81 1.01 0.00	18.86 1.15 0.00	22.34 1.28 0.00	21.70 1.30 0.00	23.57 1.30 0.00	21.76 1.09 0.00	19.97 0.93 0.00
BETHLEHEM___GRP 23843	21.96 0.47 0.00	18.71 0.37 0.00	16.65 0.34 0.00	17.88 0.36 0.00	18.91 0.35 0.00	20.42 0.34 0.00	19.78 0.35 0.00	19.75 0.36 0.00	20.67 0.36 0.00	19.51 0.40 0.00	20.18 0.45 0.00	18.65 0.41 0.00	14.69 0.32 0.00	14.77 0.31 0.00	8.26 0.16 0.00	8.69 0.18 0.00	11.08 0.26 0.00	14.15 0.34 0.00	17.98 0.28 0.00	21.20 0.13 0.00	20.55 0.15 0.00	22.49 0.22 0.00	20.86 0.19 0.00	19.24 0.20 0.00
BETHLEHEM___GS1 323560	21.96 0.47 0.00	18.71 0.37 0.00	16.65 0.34 0.00	17.88 0.36 0.00	18.91 0.35 0.00	20.42 0.34 0.00	19.78 0.35 0.00	19.75 0.35 0.00	20.67 0.36 0.00	19.51 0.40 0.00	20.18 0.45 0.00	18.65 0.41 0.00	14.69 0.32 0.00	14.77 0.31 0.00	8.26 0.16 0.00	8.69 0.18 0.00	11.08 0.26 0.00	14.15 0.34 0.00	17.99 0.28 0.00	21.20 0.13 0.00	20.55 0.15 0.00	22.49 0.22 0.00	20.86 0.19 0.00	19.24 0.20 0.00
BETHLEHEM___GS2 323561	21.96 0.47 0.00	18.71 0.37 0.00	16.65 0.34 0.00	17.88 0.36 0.00	18.91 0.35 0.00	20.42 0.34 0.00	19.78 0.35 0.00	19.75 0.35 0.00	20.67 0.36 0.00	19.51 0.40 0.00	20.18 0.45 0.00	18.65 0.41 0.00	14.69 0.32 0.00	14.77 0.31 0.00	8.26 0.16 0.00	8.69 0.18 0.00	11.08 0.26 0.00	14.15 0.34 0.00	17.99 0.28 0.00	21.20 0.13 0.00	20.55 0.15 0.00	22.49 0.22 0.00	20.86 0.19 0.00	19.24 0.20 0.00
BETHLEHEM___GS3 323562	21.96 0.47 0.00	18.71 0.37 0.00	16.65 0.34 0.00	17.88 0.36 0.00	18.91 0.35 0.00	20.42 0.34 0.00	19.78 0.35 0.00	19.75 0.35 0.00	20.67 0.36 0.00	19.51 0.40 0.00	20.18 0.45 0.00	18.65 0.41 0.00	14.69 0.32 0.00	14.77 0.31 0.00	8.26 0.16 0.00	8.69 0.18 0.00	11.08 0.26 0.00	14.15 0.34 0.00	17.99 0.28 0.00	21.20 0.13 0.00	20.55 0.15 0.00	22.49 0.22 0.00	20.86 0.19 0.00	19.24 0.20 0.00
BETHLEHEM___STEEL 23779	21.78 0.30 0.00	18.63 0.29 0.00	16.51 0.21 0.00	17.77 0.25 0.00	18.98 0.42 0.00	20.66 0.58 0.00	19.86 0.42 0.00	19.61 0.21 0.00	20.66 0.35 0.00	19.42 0.31 0.00	20.07 0.33 0.00	18.41 0.16 0.00	14.53 0.16 0.00	14.60 0.14 0.00	8.22 0.11 0.00	8.55 0.04 0.00	10.70 -0.11 0.00	13.70 -0.11 0.00	17.68 -0.02 0.00	20.90 -0.17 0.00	20.29 -0.11 0.00	21.85 -0.42 0.00	20.29 -0.38 0.00	18.92 -0.12 0.00
BETHLHEM_115KV_TB1 79974	21.94 0.45 0.00	18.69 0.36 0.00	16.63 0.33 0.00	17.86 0.35 0.00	18.89 0.34 0.00	20.40 0.32 0.00	19.77 0.33 0.00	19.73 0.34 0.00	20.65 0.35 0.00	19.49 0.38 0.00	20.16 0.43 0.00	18.63 0.39 0.00	14.69 0.31 0.00	14.77 0.31 0.00	8.26 0.16 0.00	8.69 0.18 0.00	11.08 0.26 0.00	14.14 0.33 0.00	17.99 0.29 0.00	21.23 0.17 0.00	20.58 0.19 0.00	22.52 0.25 0.00	20.88 0.21 0.00	19.26 0.22 0.00
BETHPAGE_CC_5 323564	22.45 0.96 0.00	19.11 0.77 0.00	16.92 0.61 0.00	18.17 0.65 0.00	19.20 0.64 0.00	20.72 0.63 0.00	20.10 0.66 0.00	20.06 0.66 0.00	20.86 0.55 0.00	19.77 0.65 0.00	20.51 0.78 0.00	18.96 0.72 0.00	14.94 0.57 0.00	15.02 0.56 0.00	8.42 0.32 0.00	8.91 0.40 0.00	11.43 0.62 0.00	14.68 0.87 0.00	18.64 0.93 0.00	22.17 1.11 0.00	21.48 1.08 0.00	23.44 1.17 0.00	21.67 0.99 0.00	19.83 0.79 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.87 0.38 0.00	18.70 0.36 0.00	16.57 0.27 0.00	17.83 0.31 0.00	19.05 0.49 0.00	20.74 0.66 0.00	19.94 0.51 0.00	19.70 0.31 0.00	20.76 0.45 0.00	19.52 0.41 0.00	20.17 0.44 0.00	18.50 0.26 0.00	14.60 0.23 0.00	14.67 0.21 0.00	8.25 0.15 0.00	8.58 0.07 0.00	10.76 -0.06 0.00	13.76 -0.04 0.00	17.77 0.07 0.00	21.00 -0.06 0.00	20.39 0.00 0.00	21.97 -0.30 0.00	20.40 -0.27 0.00	19.01 -0.04 0.00

BINGHAMTON___COGEN 23790	21.57 0.08 0.00	18.31 -0.03 0.00	16.25 -0.05 0.00	17.51 0.00 0.00	18.55 0.00 0.00	20.13 0.05 0.00	19.47 0.04 0.00	19.48 0.08 0.00	20.45 0.14 0.00	19.31 0.19 0.00	19.91 0.18 0.00	18.40 0.16 0.00	14.50 0.13 0.00	14.57 0.11 0.00	8.17 0.06 0.00	8.56 0.06 0.00	10.88 0.07 0.00	13.88 0.08 0.00	17.90 0.19 0.00	21.27 0.20 0.00	20.61 0.22 0.00	22.42 0.15 0.00	20.76 0.09 0.00	19.04 0.00 0.00
BIXINCNT_115KV_LOAD 355685	22.14 0.65 0.00	18.83 0.49 0.00	16.67 0.36 0.00	17.86 0.35 0.00	19.12 0.56 0.00	20.91 0.83 0.00	20.23 0.79 0.00	20.09 0.70 0.00	21.17 0.86 0.00	19.98 0.87 0.00	20.66 0.93 0.00	18.95 0.70 0.00	14.94 0.57 0.00	14.98 0.51 0.00	8.40 0.29 0.00	8.71 0.19 0.00	10.92 0.10 0.00	14.00 0.20 0.00	18.12 0.41 0.00	21.47 0.41 0.00	20.85 0.46 0.00	22.49 0.22 0.00	20.86 0.19 0.00	19.33 0.29 0.00
BLACK RIVER___HYD 24047	21.19 -0.29 0.00	17.91 -0.43 0.00	16.03 -0.28 0.00	17.37 -0.14 0.00	18.54 -0.02 0.00	20.14 0.05 0.00	19.44 0.01 0.00	19.38 -0.01 0.00	20.31 0.00 0.00	18.86 -0.26 0.00	19.15 -0.59 0.00	17.49 -0.75 0.00	13.62 -0.75 0.00	13.62 -0.84 0.00	7.55 -0.56 0.00	7.87 -0.64 0.00	10.06 -0.76 0.00	12.95 -0.85 0.00	17.03 -0.68 0.00	20.81 -0.25 0.00	20.22 -0.17 0.00	21.91 -0.36 0.00	20.39 -0.28 0.00	18.75 -0.29 0.00
BLACKRVR_115KV_TB2 79977	21.19 -0.29 0.00	17.91 -0.43 0.00	16.03 -0.28 0.00	17.37 -0.14 0.00	18.54 -0.02 0.00	20.14 0.05 0.00	19.44 0.01 0.00	19.38 -0.01 0.00	20.31 0.00 0.00	18.86 -0.26 0.00	19.15 -0.59 0.00	17.49 -0.75 0.00	13.62 -0.75 0.00	13.62 -0.84 0.00	7.55 -0.56 0.00	7.87 -0.64 0.00	10.06 -0.76 0.00	12.95 -0.85 0.00	17.03 -0.68 0.00	20.81 -0.25 0.00	20.22 -0.17 0.00	21.91 -0.36 0.00	20.39 -0.28 0.00	18.75 -0.29 0.00
BLISS_WT_PWR 323608	22.15 0.66 0.00	18.83 0.49 0.00	16.66 0.36 0.00	17.82 0.30 0.00	19.09 0.53 0.00	20.91 0.83 0.00	20.24 0.80 0.00	20.11 0.72 0.00	21.20 0.89 0.00	20.01 0.90 0.00	20.69 0.96 0.00	18.97 0.73 0.00	14.96 0.59 0.00	14.99 0.52 0.00	8.39 0.29 0.00	8.70 0.19 0.00	10.91 0.09 0.00	14.00 0.20 0.00	18.12 0.41 0.00	21.50 0.43 0.00	20.88 0.48 0.00	22.51 0.24 0.00	20.88 0.21 0.00	19.34 0.30 0.00
BLUESTONE___WT_PWR 323821	22.42 0.94 0.00	18.54 0.20 0.00	16.92 0.61 0.00	17.98 0.46 0.00	19.00 0.44 0.00	20.87 0.78 0.00	19.73 0.29 0.00	19.69 0.30 0.00	20.50 0.19 0.00	19.18 0.06 0.00	19.82 0.09 0.00	18.34 0.09 0.00	14.61 0.23 0.00	14.71 0.24 0.00	8.26 0.16 0.00	8.65 0.14 0.00	11.00 0.18 0.00	14.24 0.43 0.00	18.64 0.94 0.00	22.36 1.29 0.00	21.69 1.29 0.00	23.57 1.30 0.00	21.81 1.14 0.00	20.00 0.96 0.00
BLUE_CIRC_CHEM_DRP 24182	22.02 0.53 0.00	18.77 0.43 0.00	16.70 0.40 0.00	17.95 0.43 0.00	18.97 0.42 0.00	20.48 0.40 0.00	19.84 0.40 0.00	19.80 0.41 0.00	20.74 0.43 0.00	19.57 0.46 0.00	20.24 0.51 0.00	18.69 0.45 0.00	14.72 0.35 0.00	14.80 0.34 0.00	8.29 0.18 0.00	8.71 0.20 0.00	11.10 0.28 0.00	14.17 0.36 0.00	18.08 0.38 0.00	21.41 0.34 0.00	20.73 0.34 0.00	22.65 0.38 0.00	21.02 0.34 0.00	19.38 0.33 0.00
BOC_GAS_DRP 24189	21.82 0.33 0.00	18.60 0.26 0.00	16.55 0.24 0.00	17.78 0.26 0.00	18.80 0.24 0.00	20.30 0.22 0.00	19.67 0.23 0.00	19.64 0.25 0.00	20.56 0.25 0.00	19.40 0.28 0.00	20.06 0.33 0.00	18.55 0.31 0.00	14.63 0.26 0.00	14.72 0.26 0.00	8.25 0.15 0.00	8.68 0.17 0.00	11.06 0.24 0.00	14.09 0.29 0.00	18.00 0.29 0.00	21.33 0.26 0.00	20.66 0.27 0.00	22.55 0.28 0.00	20.91 0.24 0.00	19.26 0.22 0.00
BOONVILLE_115KV_TB1 79983	21.73 0.24 0.00	18.45 0.11 0.00	16.45 0.14 0.00	17.72 0.20 0.00	18.83 0.28 0.00	20.42 0.34 0.00	19.76 0.32 0.00	19.72 0.33 0.00	20.67 0.37 0.00	19.39 0.28 0.00	19.95 0.22 0.00	18.39 0.14 0.00	14.40 0.03 0.00	14.41 -0.05 0.00	8.03 -0.08 0.00	8.39 -0.12 0.00	10.69 -0.13 0.00	13.72 -0.09 0.00	17.80 0.09 0.00	21.42 0.35 0.00	20.73 0.33 0.00	22.54 0.27 0.00	20.93 0.26 0.00	19.26 0.21 0.00
BORALEX_4TH_BRANCH 23824	21.93 0.45 0.00	18.70 0.36 0.00	16.62 0.32 0.00	17.83 0.31 0.00	18.84 0.28 0.00	20.33 0.25 0.00	19.68 0.24 0.00	19.68 0.29 0.00	20.58 0.27 0.00	19.38 0.27 0.00	20.04 0.31 0.00	18.47 0.23 0.00	14.57 0.20 0.00	14.65 0.18 0.00	8.18 0.07 0.00	8.61 0.10 0.00	10.98 0.16 0.00	14.11 0.31 0.00	18.11 0.40 0.00	21.53 0.46 0.00	20.83 0.43 0.00	22.69 0.41 0.00	21.13 0.46 0.00	19.46 0.42 0.00
BOWLINE___1 23526	22.13 0.64 0.00	18.77 0.44 0.00	16.66 0.36 0.00	17.92 0.41 0.00	18.94 0.39 0.00	20.52 0.44 0.00	19.92 0.49 0.00	19.94 0.55 0.00	20.85 0.54 0.00	19.71 0.59 0.00	20.36 0.63 0.00	18.87 0.63 0.00	14.92 0.54 0.00	15.02 0.56 0.00	8.41 0.30 0.00	8.88 0.37 0.00	11.33 0.51 0.00	14.49 0.69 0.00	18.48 0.78 0.00	21.93 0.87 0.00	21.28 0.89 0.00	23.16 0.88 0.00	21.39 0.72 0.00	19.62 0.58 0.00
BOWLINE___2 23595	22.13 0.64 0.00	18.77 0.44 0.00	16.66 0.36 0.00	17.92 0.41 0.00	18.94 0.39 0.00	20.52 0.44 0.00	19.92 0.49 0.00	19.94 0.55 0.00	20.85 0.54 0.00	19.71 0.59 0.00	20.36 0.63 0.00	18.87 0.63 0.00	14.92 0.54 0.00	15.02 0.56 0.00	8.41 0.30 0.00	8.88 0.37 0.00	11.33 0.51 0.00	14.49 0.69 0.00	18.48 0.78 0.00	21.93 0.87 0.00	21.28 0.89 0.00	23.16 0.88 0.00	21.39 0.72 0.00	19.62 0.58 0.00
BRADY___115KV_TB2 356060	21.54 0.05 0.00	18.47 0.13 0.00	16.41 0.11 0.00	17.61 0.10 0.00	18.72 0.16 0.00	20.32 0.23 0.00	19.61 0.18 0.00	19.53 0.14 0.00	20.41 0.10 0.00	18.97 -0.15 0.00	19.49 -0.25 0.00	18.01 -0.23 0.00	14.15 -0.22 0.00	14.27 -0.20 0.00	8.00 -0.11 0.00	8.38 -0.13 0.00	10.64 -0.18 0.00	13.62 -0.19 0.00	17.56 -0.15 0.00	21.14 0.07 0.00	20.41 0.01 0.00	22.50 0.23 0.00	20.94 0.27 0.00	19.31 0.26 0.00
BRANSCOMB___SOLAR 323811	22.08 0.59 0.00	18.79 0.45 0.00	16.70 0.40 0.00	17.94 0.42 0.00	18.97 0.42 0.00	20.48 0.39 0.00	19.86 0.43 0.00	19.87 0.48 0.00	20.79 0.48 0.00	19.59 0.47 0.00	20.22 0.49 0.00	18.67 0.43 0.00	14.68 0.31 0.00	14.73 0.27 0.00	8.22 0.11 0.00	8.65 0.14 0.00	11.03 0.22 0.00	14.18 0.38 0.00	18.24 0.53 0.00	21.73 0.67 0.00	21.02 0.63 0.00	22.87 0.59 0.00	21.20 0.53 0.00	19.50 0.45 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	22.64 1.15 0.00	19.30 0.97 0.00	17.08 0.77 0.00	18.34 0.82 0.00	19.37 0.81 0.00	20.89 0.81 0.00	20.28 0.84 0.00	20.21 0.82 0.00	21.00 0.70 0.00	19.88 0.77 0.00	20.62 0.89 0.00	19.05 0.81 0.00	15.00 0.62 0.00	15.06 0.60 0.00	8.44 0.34 0.00	8.93 0.42 0.00	11.48 0.66 0.00	14.78 0.98 0.00	18.77 1.06 0.00	22.35 1.29 0.00	21.64 1.25 0.00	23.63 1.36 0.00	21.85 1.18 0.00	20.00 0.96 0.00



BRISTLHL_115KV_TB1 79998	21.10 -0.39 0.00	17.99 -0.35 0.00	15.99 -0.32 0.00	17.19 -0.33 0.00	18.22 -0.34 0.00	19.73 -0.35 0.00	19.10 -0.34 0.00	19.06 -0.34 0.00	19.99 -0.32 0.00	18.83 -0.29 0.00	19.45 -0.29 0.00	17.94 -0.31 0.00	14.12 -0.25 0.00	14.16 -0.30 0.00	7.93 -0.18 0.00	8.31 -0.20 0.00	10.53 -0.29 0.00	13.45 -0.36 0.00	17.32 -0.39 0.00	20.62 -0.44 0.00	20.00 -0.39 0.00	21.74 -0.53 0.00	20.16 -0.51 0.00	18.57 -0.47 0.00
BROOKHAVEN___DRP 24191	22.60 1.11 0.00	19.32 0.98 0.00	17.10 0.79 0.00	18.35 0.84 0.00	19.39 0.83 0.00	20.88 0.80 0.00	20.31 0.87 0.00	20.24 0.85 0.00	21.00 0.69 0.00	19.86 0.75 0.00	20.57 0.84 0.00	19.00 0.76 0.00	14.94 0.57 0.00	14.97 0.51 0.00	8.38 0.28 0.00	8.87 0.36 0.00	11.41 0.59 0.00	14.75 0.95 0.00	18.71 1.00 0.00	22.28 1.21 0.00	21.58 1.19 0.00	23.55 1.28 0.00	21.86 1.18 0.00	19.98 0.94 0.00
BROOKLYN_NAVY_YARD 23515	22.24 0.75 0.00	18.90 0.57 0.00	16.79 0.49 0.00	18.04 0.53 0.00	19.05 0.50 0.00	20.61 0.53 0.00	20.02 0.58 0.00	20.07 0.68 0.00	20.98 0.67 0.00	19.86 0.75 0.00	20.52 0.79 0.00	19.05 0.81 0.00	15.08 0.71 0.00	15.17 0.71 0.00	8.49 0.39 0.00	8.97 0.46 0.00	11.44 0.62 0.00	14.64 0.84 0.00	18.64 0.94 0.00	22.07 1.00 0.00	21.41 1.01 0.00	23.27 0.99 0.00	21.48 0.81 0.00	19.72 0.68 0.00
BROOKLYN___ARMY_DRP 323595	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.74 0.94 0.00	18.77 1.06 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
BROOKVLE_69_KV_TB1 55790	22.45 0.97 0.00	19.09 0.75 0.00	16.92 0.62 0.00	18.18 0.67 0.00	19.21 0.65 0.00	20.75 0.67 0.00	20.14 0.70 0.00	20.12 0.73 0.00	20.99 0.69 0.00	19.87 0.76 0.00	20.59 0.86 0.00	19.06 0.82 0.00	15.05 0.68 0.00	15.14 0.67 0.00	8.48 0.38 0.00	8.97 0.45 0.00	11.48 0.66 0.00	14.71 0.90 0.00	18.71 1.00 0.00	22.23 1.16 0.00	21.54 1.14 0.00	23.46 1.19 0.00	21.67 1.00 0.00	19.86 0.82 0.00
BROOME_2_LFGE 323671	21.57 0.09 0.00	18.31 -0.03 0.00	16.25 -0.05 0.00	17.51 0.00 0.00	18.55 0.00 0.00	20.13 0.05 0.00	19.47 0.03 0.00	19.48 0.08 0.00	20.45 0.14 0.00	19.31 0.19 0.00	19.92 0.18 0.00	18.40 0.16 0.00	14.50 0.13 0.00	14.57 0.11 0.00	8.17 0.06 0.00	8.57 0.06 0.00	10.88 0.07 0.00	13.88 0.08 0.00	17.90 0.19 0.00	21.27 0.20 0.00	20.61 0.22 0.00	22.42 0.15 0.00	20.76 0.09 0.00	19.04 0.00 0.00
BROOME___LFGE 323600	21.57 0.09 0.00	18.31 -0.03 0.00	16.25 -0.05 0.00	17.51 0.00 0.00	18.55 0.00 0.00	20.13 0.05 0.00	19.47 0.03 0.00	19.48 0.08 0.00	20.45 0.14 0.00	19.31 0.19 0.00	19.92 0.18 0.00	18.40 0.16 0.00	14.50 0.13 0.00	14.57 0.11 0.00	8.17 0.06 0.00	8.57 0.06 0.00	10.88 0.07 0.00	13.88 0.08 0.00	17.90 0.19 0.00	21.27 0.20 0.00	20.61 0.22 0.00	22.42 0.15 0.00	20.76 0.09 0.00	19.04 0.00 0.00
BROWNFLS_115KV_TB 3_5 80003	21.07 -0.42 0.00	17.94 -0.40 0.00	16.00 -0.30 0.00	17.26 -0.26 0.00	18.38 -0.18 0.00	19.95 -0.13 0.00	19.23 -0.20 0.00	19.17 -0.23 0.00	20.05 -0.26 0.00	18.67 -0.45 0.00	19.11 -0.62 0.00	17.58 -0.67 0.00	13.74 -0.63 0.00	13.79 -0.67 0.00	7.68 -0.42 0.00	8.03 -0.49 0.00	10.22 -0.60 0.00	13.14 -0.66 0.00	17.11 -0.60 0.00	20.71 -0.35 0.00	20.01 -0.38 0.00	21.91 -0.36 0.00	20.39 -0.28 0.00	18.79 -0.26 0.00
BROWNSV1_27_KV_LOAD 356125	22.47 0.98 0.00	19.08 0.74 0.00	16.94 0.64 0.00	18.21 0.69 0.00	19.22 0.67 0.00	20.80 0.72 0.00	20.19 0.76 0.00	20.25 0.85 0.00	21.19 0.88 0.00	20.05 0.94 0.00	20.73 0.99 0.00	19.23 0.99 0.00	15.24 0.86 0.00	15.33 0.86 0.00	8.58 0.47 0.00	9.06 0.55 0.00	11.56 0.74 0.00	14.79 0.99 0.00	18.84 1.13 0.00	22.31 1.25 0.00	21.65 1.26 0.00	23.54 1.26 0.00	21.72 1.05 0.00	19.92 0.88 0.00
BURROWS___LYONSDAL 23803	21.61 0.12 0.00	18.33 0.00 0.00	16.36 0.05 0.00	17.65 0.13 0.00	18.78 0.22 0.00	20.37 0.28 0.00	19.70 0.26 0.00	19.66 0.26 0.00	20.60 0.29 0.00	19.29 0.18 0.00	19.82 0.09 0.00	18.24 0.00 0.00	14.27 -0.11 0.00	14.27 -0.19 0.00	7.94 -0.17 0.00	8.29 -0.22 0.00	10.57 -0.25 0.00	13.57 -0.23 0.00	17.65 -0.05 0.00	21.31 0.24 0.00	20.61 0.22 0.00	22.40 0.13 0.00	20.82 0.14 0.00	19.15 0.12 0.00
CAITHNESS_CC_1 323624	22.55 1.06 0.00	19.27 0.94 0.00	17.06 0.75 0.00	18.31 0.79 0.00	19.35 0.79 0.00	20.84 0.76 0.00	20.25 0.81 0.00	20.21 0.82 0.00	20.94 0.64 0.00	19.82 0.71 0.00	20.54 0.81 0.00	18.97 0.73 0.00	14.92 0.55 0.00	14.96 0.50 0.00	8.38 0.28 0.00	8.87 0.36 0.00	11.40 0.58 0.00	14.72 0.92 0.00	18.67 0.96 0.00	22.23 1.16 0.00	21.53 1.13 0.00	23.50 1.23 0.00	21.81 1.14 0.00	19.94 0.90 0.00
CALPINE BETH_PAGE_GT4 24209	22.42 0.93 0.00	19.09 0.75 0.00	16.90 0.59 0.00	18.15 0.64 0.00	19.17 0.62 0.00	20.69 0.61 0.00	20.08 0.64 0.00	20.03 0.64 0.00	20.85 0.54 0.00	19.75 0.64 0.00	20.49 0.76 0.00	18.94 0.70 0.00	14.93 0.56 0.00	15.01 0.55 0.00	8.42 0.31 0.00	8.91 0.39 0.00	11.43 0.61 0.00	14.66 0.85 0.00	18.62 0.91 0.00	22.15 1.08 0.00	21.46 1.06 0.00	23.41 1.15 0.00	21.64 0.97 0.00	19.81 0.77 0.00
CALPINE_BETH_PAGE_GT_4 323586	22.42 0.93 0.00	19.09 0.75 0.00	16.90 0.59 0.00	18.15 0.64 0.00	19.17 0.62 0.00	20.69 0.61 0.00	20.08 0.64 0.00	20.04 0.64 0.00	20.84 0.53 0.00	19.75 0.64 0.00	20.49 0.76 0.00	18.94 0.70 0.00	14.93 0.56 0.00	15.01 0.55 0.00	8.42 0.31 0.00	8.90 0.39 0.00	11.43 0.61 0.00	14.66 0.85 0.00	18.62 0.92 0.00	22.15 1.08 0.00	21.46 1.06 0.00	23.41 1.14 0.00	21.64 0.97 0.00	19.81 0.77 0.00
CALPINE_BP_GT1 23823	22.42 0.93 0.00	19.09 0.75 0.00	16.90 0.59 0.00	18.15 0.64 0.00	19.17 0.62 0.00	20.69 0.61 0.00	20.08 0.64 0.00	20.04 0.64 0.00	20.84 0.53 0.00	19.75 0.64 0.00	20.49 0.76 0.00	18.94 0.70 0.00	14.93 0.56 0.00	15.01 0.55 0.00	8.42 0.31 0.00	8.90 0.39 0.00	11.43 0.61 0.00	14.66 0.85 0.00	18.62 0.92 0.00	22.15 1.08 0.00	21.46 1.06 0.00	23.41 1.14 0.00	21.64 0.97 0.00	19.81 0.77 0.00
CALSPAN___DRP 24200	21.78 0.30 0.00	18.63 0.29 0.00	16.51 0.21 0.00	17.77 0.25 0.00	18.98 0.42 0.00	20.66 0.58 0.00	19.86 0.42 0.00	19.61 0.21 0.00	20.66 0.35 0.00	19.42 0.31 0.00	20.07 0.33 0.00	18.41 0.16 0.00	14.53 0.16 0.00	14.60 0.14 0.00	8.22 0.11 0.00	8.55 0.04 0.00	10.70 -0.11 0.00	13.70 -0.11 0.00	17.68 -0.02 0.00	20.90 -0.17 0.00	20.29 -0.11 0.00	21.85 -0.42 0.00	20.29 -0.38 0.00	18.92 -0.12 0.00

CALVERTON___SOLAR 323806	22.65 1.17 0.00	19.38 1.04 0.00	17.15 0.84 0.00	18.41 0.89 0.00	19.45 0.89 0.00	20.96 0.88 0.00	20.37 0.93 0.00	20.33 0.93 0.00	21.05 0.74 0.00	19.91 0.79 0.00	20.61 0.88 0.00	19.03 0.79 0.00	14.95 0.58 0.00	14.98 0.52 0.00	8.38 0.28 0.00	8.87 0.36 0.00	11.41 0.59 0.00	14.77 0.97 0.00	18.74 1.03 0.00	22.32 1.26 0.00	21.63 1.23 0.00	23.61 1.33 0.00	21.93 1.26 0.00	20.03 0.99 0.00
CANDIGU_WT_PWR 323617	21.72 0.23 0.00	18.34 0.00 0.00	16.16 -0.15 0.00	17.42 -0.10 0.00	18.41 -0.14 0.00	19.93 -0.15 0.00	19.29 -0.14 0.00	19.44 0.04 0.00	20.54 0.23 0.00	19.46 0.35 0.00	20.08 0.35 0.00	18.56 0.31 0.00	14.62 0.25 0.00	14.64 0.17 0.00	8.18 0.07 0.00	8.54 0.03 0.00	10.83 0.02 0.00	13.88 0.08 0.00	18.05 0.34 0.00	21.49 0.42 0.00	20.87 0.48 0.00	22.74 0.46 0.00	21.02 0.35 0.00	19.20 0.16 0.00
CARR STREET_E_SYR 24060	21.24 -0.25 0.00	18.10 -0.23 0.00	16.08 -0.22 0.00	17.29 -0.23 0.00	18.33 -0.23 0.00	19.86 -0.22 0.00	19.22 -0.21 0.00	19.18 -0.21 0.00	20.12 -0.19 0.00	18.96 -0.16 0.00	19.57 -0.16 0.00	18.06 -0.18 0.00	14.22 -0.14 0.00	14.28 -0.19 0.00	7.99 -0.12 0.00	8.38 -0.13 0.00	10.64 -0.18 0.00	13.58 -0.22 0.00	17.48 -0.23 0.00	20.79 -0.27 0.00	20.17 -0.23 0.00	21.91 -0.36 0.00	20.32 -0.36 0.00	18.72 -0.33 0.00
CARTHAGE___PAPER 23857	21.37 -0.11 0.00	18.09 -0.25 0.00	16.18 -0.12 0.00	17.52 0.00 0.00	18.69 0.13 0.00	20.30 0.22 0.00	19.61 0.17 0.00	19.55 0.15 0.00	20.47 0.16 0.00	19.03 -0.09 0.00	19.37 -0.37 0.00	17.71 -0.53 0.00	13.79 -0.58 0.00	13.80 -0.66 0.00	7.65 -0.45 0.00	7.98 -0.53 0.00	10.19 -0.63 0.00	13.13 -0.67 0.00	17.26 -0.45 0.00	21.05 -0.01 0.00	20.41 0.01 0.00	22.15 -0.12 0.00	20.62 -0.05 0.00	18.96 -0.08 0.00
CASSADAGA_WT_PWR 323784	22.33 0.84 0.00	18.95 0.61 0.00	16.69 0.38 0.00	17.94 0.42 0.00	19.16 0.60 0.00	20.98 0.89 0.00	20.32 0.88 0.00	20.19 0.79 0.00	21.32 1.02 0.00	20.12 1.01 0.00	20.80 1.06 0.00	19.09 0.85 0.00	15.07 0.70 0.00	15.11 0.65 0.00	8.49 0.39 0.00	8.84 0.33 0.00	11.10 0.29 0.00	14.18 0.37 0.00	18.34 0.63 0.00	21.71 0.65 0.00	21.10 0.70 0.00	22.76 0.49 0.00	21.09 0.41 0.00	19.49 0.45 0.00
CE_DUNWOOD___DRP 24194	22.21 0.72 0.00	18.86 0.52 0.00	16.75 0.44 0.00	18.00 0.48 0.00	19.02 0.46 0.00	20.58 0.49 0.00	19.98 0.54 0.00	20.00 0.61 0.00	20.91 0.61 0.00	19.78 0.66 0.00	20.44 0.71 0.00	18.95 0.70 0.00	14.98 0.61 0.00	15.08 0.62 0.00	8.44 0.34 0.00	8.92 0.40 0.00	11.38 0.56 0.00	14.56 0.76 0.00	18.55 0.85 0.00	22.01 0.95 0.00	21.35 0.96 0.00	23.23 0.96 0.00	21.46 0.79 0.00	19.69 0.65 0.00
CE_MILLWOOD___DRP 24193	22.17 0.68 0.00	18.82 0.49 0.00	16.71 0.41 0.00	17.96 0.45 0.00	18.99 0.43 0.00	20.55 0.46 0.00	19.95 0.51 0.00	19.97 0.58 0.00	20.88 0.58 0.00	19.74 0.63 0.00	20.40 0.67 0.00	18.90 0.66 0.00	14.95 0.58 0.00	15.05 0.58 0.00	8.43 0.32 0.00	8.89 0.38 0.00	11.35 0.53 0.00	14.53 0.73 0.00	18.52 0.81 0.00	21.97 0.91 0.00	21.31 0.92 0.00	23.18 0.91 0.00	21.42 0.75 0.00	19.66 0.62 0.00
CE_NYC2_DRP 24202	22.33 0.84 0.00	18.98 0.64 0.00	16.84 0.53 0.00	18.10 0.58 0.00	19.11 0.55 0.00	20.67 0.58 0.00	20.08 0.65 0.00	20.12 0.73 0.00	21.05 0.74 0.00	19.93 0.81 0.00	20.59 0.86 0.00	19.11 0.87 0.00	15.14 0.77 0.00	15.24 0.77 0.00	8.53 0.42 0.00	9.01 0.49 0.00	11.49 0.67 0.00	14.70 0.89 0.00	18.69 0.98 0.00	22.12 1.05 0.00	21.46 1.07 0.00	23.34 1.06 0.00	21.55 0.87 0.00	19.78 0.74 0.00
CE_NYC_DRP 24195	22.28 0.79 0.00	18.92 0.58 0.00	16.81 0.50 0.00	18.07 0.55 0.00	19.07 0.51 0.00	20.64 0.55 0.00	20.04 0.60 0.00	20.09 0.69 0.00	21.01 0.70 0.00	19.89 0.77 0.00	20.55 0.82 0.00	19.08 0.83 0.00	15.11 0.73 0.00	15.20 0.73 0.00	8.50 0.40 0.00	8.98 0.47 0.00	11.46 0.64 0.00	14.67 0.87 0.00	18.67 0.97 0.00	22.11 1.05 0.00	21.45 1.06 0.00	23.32 1.05 0.00	21.52 0.85 0.00	19.75 0.71 0.00
CHAFFEE___LFGE 323603	21.93 0.45 0.00	18.74 0.40 0.00	16.60 0.29 0.00	17.87 0.36 0.00	19.09 0.53 0.00	20.79 0.70 0.00	19.98 0.54 0.00	19.76 0.36 0.00	20.85 0.54 0.00	19.60 0.49 0.00	20.26 0.53 0.00	18.58 0.34 0.00	14.67 0.30 0.00	14.74 0.27 0.00	8.29 0.18 0.00	8.62 0.10 0.00	10.80 -0.01 0.00	13.82 0.02 0.00	17.83 0.13 0.00	21.10 0.03 0.00	20.50 0.11 0.00	22.10 -0.18 0.00	20.50 -0.18 0.00	19.08 0.04 0.00
CHATEAUG_35_KV_LOAD 355732	21.66 0.18 0.00	18.61 0.27 0.00	16.49 0.19 0.00	17.74 0.22 0.00	18.87 0.32 0.00	20.40 0.32 0.00	19.60 0.16 0.00	19.52 0.12 0.00	20.35 0.04 0.00	18.81 -0.30 0.00	19.08 -0.65 0.00	17.67 -0.57 0.00	13.83 -0.54 0.00	13.97 -0.49 0.00	7.82 -0.29 0.00	8.21 -0.30 0.00	10.39 -0.43 0.00	13.38 -0.42 0.00	17.38 -0.33 0.00	21.11 0.04 0.00	20.38 -0.01 0.00	22.47 0.20 0.00	20.92 0.25 0.00	19.40 0.36 0.00
CHATEAUG_WT_PWR 323614	21.64 0.15 0.00	18.59 0.25 0.00	16.47 0.16 0.00	17.72 0.20 0.00	18.85 0.29 0.00	20.36 0.27 0.00	19.55 0.11 0.00	19.46 0.07 0.00	20.29 -0.02 0.00	18.77 -0.34 0.00	19.01 -0.73 0.00	17.62 -0.62 0.00	13.79 -0.58 0.00	13.93 -0.53 0.00	7.79 -0.32 0.00	8.19 -0.32 0.00	10.36 -0.45 0.00	13.36 -0.44 0.00	17.35 -0.36 0.00	21.06 0.00 0.00	20.33 -0.06 0.00	22.40 0.13 0.00	20.85 0.18 0.00	19.36 0.32 0.00
CHAT_HIGH_FALL_HYD 323578	21.66 0.18 0.00	18.61 0.27 0.00	16.49 0.19 0.00	17.74 0.22 0.00	18.87 0.32 0.00	20.40 0.32 0.00	19.60 0.16 0.00	19.52 0.12 0.00	20.35 0.04 0.00	18.81 -0.30 0.00	19.08 -0.65 0.00	17.67 -0.57 0.00	13.83 -0.54 0.00	13.97 -0.49 0.00	7.82 -0.29 0.00	8.21 -0.30 0.00	10.39 -0.43 0.00	13.38 -0.42 0.00	17.38 -0.33 0.00	21.11 0.04 0.00	20.38 -0.01 0.00	22.47 0.20 0.00	20.92 0.25 0.00	19.40 0.36 0.00
CHAUTAUQUA___LFGE 323629	22.00 0.51 0.00	18.70 0.36 0.00	16.51 0.20 0.00	17.77 0.25 0.00	18.97 0.42 0.00	20.74 0.66 0.00	20.02 0.58 0.00	19.86 0.47 0.00	20.97 0.66 0.00	19.75 0.64 0.00	20.41 0.68 0.00	18.74 0.50 0.00	14.80 0.42 0.00	14.84 0.38 0.00	8.34 0.24 0.00	8.69 0.18 0.00	10.92 0.10 0.00	13.94 0.13 0.00	18.03 0.32 0.00	21.34 0.28 0.00	20.73 0.33 0.00	22.37 0.10 0.00	20.74 0.07 0.00	19.19 0.15 0.00
CHERRYST_13_KV_LD 356241	22.33 0.84 0.00	18.97 0.63 0.00	16.85 0.54 0.00	18.11 0.59 0.00	19.12 0.57 0.00	20.69 0.61 0.00	20.09 0.65 0.00	20.14 0.74 0.00	21.06 0.76 0.00	19.94 0.83 0.00	20.61 0.88 0.00	19.12 0.88 0.00	15.15 0.77 0.00	15.24 0.77 0.00	8.53 0.42 0.00	9.01 0.49 0.00	11.49 0.68 0.00	14.71 0.91 0.00	18.72 1.02 0.00	22.17 1.11 0.00	21.51 1.11 0.00	23.37 1.10 0.00	21.58 0.91 0.00	19.80 0.76 0.00

CHESTROR_138KV_BK263 355645	22.04 0.55 0.00	18.71 0.37 0.00	16.62 0.31 0.00	17.87 0.35 0.00	18.89 0.33 0.00	20.45 0.37 0.00	19.85 0.41 0.00	19.86 0.47 0.00	20.77 0.46 0.00	19.61 0.50 0.00	20.25 0.52 0.00	18.75 0.51 0.00	14.82 0.44 0.00	14.92 0.45 0.00	8.35 0.25 0.00	8.81 0.30 0.00	11.24 0.42 0.00	14.38 0.58 0.00	18.36 0.65 0.00	21.81 0.74 0.00	21.15 0.76 0.00	23.03 0.75 0.00	21.28 0.61 0.00	19.53 0.49 0.00
CH_MIDHUDSON___DRP 24192	22.41 0.92 0.00	19.04 0.70 0.00	16.91 0.60 0.00	18.17 0.65 0.00	19.21 0.65 0.00	20.79 0.71 0.00	20.19 0.75 0.00	20.21 0.81 0.00	21.13 0.82 0.00	19.94 0.83 0.00	20.58 0.85 0.00	19.05 0.81 0.00	15.03 0.66 0.00	15.12 0.66 0.00	8.47 0.36 0.00	8.93 0.42 0.00	11.42 0.60 0.00	14.63 0.82 0.00	18.69 0.99 0.00	22.23 1.17 0.00	21.56 1.17 0.00	23.45 1.18 0.00	21.66 0.99 0.00	19.88 0.83 0.00
CH_MISC_IPPS 23765	22.39 0.90 0.00	19.02 0.68 0.00	16.89 0.58 0.00	18.15 0.64 0.00	19.19 0.64 0.00	20.78 0.70 0.00	20.17 0.73 0.00	20.19 0.80 0.00	21.11 0.81 0.00	19.93 0.81 0.00	20.57 0.84 0.00	19.05 0.80 0.00	15.03 0.66 0.00	15.12 0.65 0.00	8.47 0.36 0.00	8.93 0.42 0.00	11.42 0.60 0.00	14.62 0.82 0.00	18.69 0.98 0.00	22.22 1.15 0.00	21.55 1.16 0.00	23.44 1.17 0.00	21.65 0.98 0.00	19.87 0.82 0.00
CH_RES_BVR_FALLS 23983	21.36 -0.13 0.00	18.23 -0.11 0.00	16.24 -0.06 0.00	17.46 -0.05 0.00	18.55 0.00 0.00	20.10 0.01 0.00	19.42 -0.02 0.00	19.36 -0.04 0.00	20.25 -0.05 0.00	18.97 -0.14 0.00	19.57 -0.16 0.00	18.07 -0.17 0.00	14.20 -0.17 0.00	14.31 -0.15 0.00	8.01 -0.10 0.00	8.38 -0.13 0.00	10.64 -0.17 0.00	13.59 -0.22 0.00	17.49 -0.22 0.00	20.91 -0.16 0.00	20.16 -0.24 0.00	22.12 -0.15 0.00	20.60 -0.07 0.00	19.02 -0.02 0.00
CH_RES_NIAGARA 23895	21.13 -0.35 0.00	18.14 -0.20 0.00	16.10 -0.20 0.00	17.31 -0.20 0.00	18.49 -0.06 0.00	20.13 0.05 0.00	19.29 -0.15 0.00	18.86 -0.54 0.00	19.85 -0.46 0.00	18.61 -0.50 0.00	19.25 -0.48 0.00	17.65 -0.60 0.00	13.96 -0.41 0.00	14.05 -0.41 0.00	7.92 -0.18 0.00	8.23 -0.28 0.00	10.28 -0.54 0.00	13.14 -0.66 0.00	16.94 -0.76 0.00	19.99 -1.07 0.00	19.41 -0.98 0.00	20.87 -1.41 0.00	19.41 -1.26 0.00	18.19 -0.85 0.00
CH_RES_SYRACUSE 23985	21.37 -0.11 0.00	18.21 -0.13 0.00	16.18 -0.13 0.00	17.39 -0.13 0.00	18.44 -0.12 0.00	19.97 -0.11 0.00	19.33 -0.10 0.00	19.30 -0.09 0.00	20.25 -0.06 0.00	19.08 -0.04 0.00	19.69 -0.05 0.00	18.17 -0.07 0.00	14.31 -0.06 0.00	14.35 -0.11 0.00	8.03 -0.07 0.00	8.42 -0.09 0.00	10.69 -0.12 0.00	13.66 -0.14 0.00	17.59 -0.11 0.00	20.93 -0.14 0.00	20.29 -0.10 0.00	22.07 -0.21 0.00	20.45 -0.23 0.00	18.83 -0.21 0.00
CLINTON_WT_PWR 323605	21.64 0.15 0.00	18.59 0.25 0.00	16.47 0.16 0.00	17.72 0.20 0.00	18.85 0.29 0.00	20.36 0.27 0.00	19.55 0.11 0.00	19.46 0.07 0.00	20.29 -0.02 0.00	18.77 -0.34 0.00	19.01 -0.73 0.00	17.62 -0.62 0.00	13.79 -0.58 0.00	13.93 -0.53 0.00	7.79 -0.32 0.00	8.19 -0.32 0.00	10.36 -0.45 0.00	13.36 -0.44 0.00	17.35 -0.36 0.00	21.06 0.00 0.00	20.33 -0.06 0.00	22.40 0.13 0.00	20.85 0.18 0.00	19.36 0.32 0.00
CLINTON___LFGE 323618	21.95 0.46 0.00	18.85 0.52 0.00	16.70 0.39 0.00	17.96 0.44 0.00	19.08 0.53 0.00	20.58 0.50 0.00	19.76 0.32 0.00	19.71 0.31 0.00	20.53 0.23 0.00	19.00 -0.12 0.00	19.18 -0.55 0.00	17.81 -0.43 0.00	13.93 -0.44 0.00	14.05 -0.42 0.00	7.85 -0.26 0.00	8.25 -0.26 0.00	10.46 -0.36 0.00	13.51 -0.30 0.00	17.54 -0.17 0.00	21.32 0.26 0.00	20.58 0.19 0.00	22.69 0.42 0.00	21.14 0.47 0.00	19.63 0.59 0.00
COBBLENY_34_KV_TB1 80064	21.93 0.45 0.00	18.74 0.40 0.00	16.60 0.29 0.00	17.87 0.36 0.00	19.09 0.53 0.00	20.79 0.70 0.00	19.99 0.55 0.00	19.76 0.36 0.00	20.85 0.54 0.00	19.60 0.49 0.00	20.26 0.53 0.00	18.58 0.34 0.00	14.67 0.30 0.00	14.74 0.27 0.00	8.29 0.18 0.00	8.62 0.10 0.00	10.80 -0.01 0.00	13.82 0.02 0.00	17.85 0.14 0.00	21.10 0.03 0.00	20.50 0.11 0.00	22.09 -0.18 0.00	20.50 -0.17 0.00	19.08 0.04 0.00
COFFEEN___115KV_TB3 355620	21.29 -0.19 0.00	17.99 -0.35 0.00	16.10 -0.21 0.00	17.43 -0.08 0.00	18.61 0.05 0.00	20.21 0.12 0.00	19.52 0.09 0.00	19.47 0.07 0.00	20.40 0.09 0.00	18.91 -0.20 0.00	19.15 -0.58 0.00	17.48 -0.76 0.00	13.62 -0.76 0.00	13.62 -0.85 0.00	7.55 -0.56 0.00	7.87 -0.64 0.00	10.06 -0.76 0.00	12.95 -0.85 0.00	17.03 -0.67 0.00	20.87 -0.19 0.00	20.35 -0.05 0.00	22.05 -0.23 0.00	20.51 -0.16 0.00	18.84 -0.20 0.00
COLDSPRG_115KV_BK1 355956	22.55 1.06 0.00	19.11 0.77 0.00	16.87 0.57 0.00	18.20 0.68 0.00	19.43 0.87 0.00	21.22 1.13 0.00	20.53 1.09 0.00	20.44 1.04 0.00	21.56 1.25 0.00	20.39 1.27 0.00	21.10 1.36 0.00	19.36 1.12 0.00	15.27 0.89 0.00	15.32 0.86 0.00	8.60 0.49 0.00	8.95 0.44 0.00	11.25 0.43 0.00	14.35 0.55 0.00	18.57 0.86 0.00	21.99 0.92 0.00	21.34 0.95 0.00	23.03 0.75 0.00	21.32 0.65 0.00	19.67 0.63 0.00
COLONIE_LFGE___ 323577	21.91 0.43 0.00	18.67 0.33 0.00	16.60 0.30 0.00	17.83 0.31 0.00	18.85 0.29 0.00	20.35 0.27 0.00	19.72 0.28 0.00	19.71 0.31 0.00	20.62 0.31 0.00	19.44 0.33 0.00	20.10 0.37 0.00	18.56 0.31 0.00	14.62 0.25 0.00	14.69 0.23 0.00	8.21 0.11 0.00	8.64 0.13 0.00	11.02 0.20 0.00	14.12 0.32 0.00	18.08 0.38 0.00	21.48 0.42 0.00	20.79 0.40 0.00	22.66 0.38 0.00	21.03 0.36 0.00	19.37 0.33 0.00
COOPERNY_115KV_TB1 80082	21.88 0.40 0.00	18.60 0.26 0.00	16.52 0.22 0.00	17.77 0.25 0.00	18.79 0.23 0.00	20.35 0.26 0.00	19.73 0.30 0.00	19.73 0.34 0.00	20.64 0.34 0.00	19.48 0.37 0.00	20.12 0.39 0.00	18.63 0.38 0.00	14.70 0.33 0.00	14.81 0.35 0.00	8.30 0.20 0.00	8.75 0.24 0.00	11.14 0.33 0.00	14.23 0.43 0.00	18.20 0.49 0.00	21.62 0.55 0.00	20.96 0.57 0.00	22.83 0.56 0.00	21.11 0.44 0.00	19.39 0.35 0.00
COPENHAGEN_WT_PWR 323753	21.10 -0.39 0.00	17.80 -0.54 0.00	15.95 -0.36 0.00	17.31 -0.21 0.00	18.49 -0.06 0.00	20.08 0.00 0.00	19.38 -0.06 0.00	19.31 -0.08 0.00	20.24 -0.06 0.00	18.81 -0.31 0.00	19.11 -0.63 0.00	17.45 -0.79 0.00	13.59 -0.78 0.00	13.58 -0.88 0.00	7.51 -0.59 0.00	7.83 -0.68 0.00	10.02 -0.80 0.00	12.91 -0.90 0.00	16.96 -0.75 0.00	20.71 -0.36 0.00	20.07 -0.32 0.00	21.73 -0.54 0.00	20.25 -0.42 0.00	18.63 -0.41 0.00
CORNELL_____ 23752	21.77 0.28 0.00	18.49 0.15 0.00	16.43 0.12 0.00	17.66 0.14 0.00	18.73 0.18 0.00	20.32 0.23 0.00	19.67 0.23 0.00	19.66 0.27 0.00	20.64 0.33 0.00	19.42 0.31 0.00	19.98 0.25 0.00	18.42 0.18 0.00	14.51 0.14 0.00	14.54 0.07 0.00	8.12 0.02 0.00	8.51 0.00 0.00	10.82 0.00 0.00	13.86 0.05 0.00	17.96 0.25 0.00	21.42 0.36 0.00	20.79 0.39 0.00	22.59 0.32 0.00	20.92 0.25 0.00	19.21 0.17 0.00

CORONA_69_KV_TB1 355595	22.45 0.97 0.00	19.11 0.77 0.00	16.91 0.61 0.00	18.17 0.66 0.00	19.20 0.64 0.00	20.72 0.64 0.00	20.10 0.66 0.00	20.05 0.66 0.00	20.88 0.57 0.00	19.80 0.69 0.00	20.57 0.84 0.00	19.03 0.79 0.00	15.01 0.64 0.00	15.09 0.63 0.00	8.46 0.36 0.00	8.95 0.44 0.00	11.48 0.65 -0.01	14.70 0.90 0.00	18.67 0.97 0.00	22.18 1.12 0.00	21.48 1.09 0.00	23.44 1.17 0.00	21.67 1.00 0.00	19.84 0.80 0.00
CORTLAND_115KV_TB3 80093	21.89 0.41 0.00	18.65 0.32 0.00	16.56 0.25 0.00	17.78 0.26 0.00	18.86 0.30 0.00	20.46 0.37 0.00	19.82 0.39 0.00	19.78 0.39 0.00	20.77 0.46 0.00	19.55 0.44 0.00	20.09 0.36 0.00	18.56 0.31 0.00	14.57 0.20 0.00	14.57 0.11 0.00	8.13 0.02 0.00	8.51 0.00 0.00	10.81 0.00 0.00	13.85 0.04 0.00	17.94 0.24 0.00	21.55 0.49 0.00	20.93 0.54 0.00	22.75 0.48 0.00	21.07 0.39 0.00	19.38 0.34 0.00
COXSACKIE___GT 23611	23.00 1.52 0.00	19.57 1.23 0.00	17.41 1.10 0.00	18.71 1.19 0.00	19.78 1.22 0.00	21.39 1.31 0.00	20.75 1.31 0.00	20.73 1.34 0.00	21.71 1.40 0.00	20.50 1.38 0.00	21.18 1.45 0.00	19.43 1.19 0.00	15.10 0.72 0.00	15.11 0.65 0.00	8.41 0.30 0.00	8.81 0.30 0.00	11.26 0.44 0.00	14.47 0.67 0.00	18.71 1.00 0.00	22.38 1.31 0.00	21.69 1.29 0.00	23.68 1.41 0.00	21.93 1.25 0.00	20.18 1.14 0.00
CPV_VALLEY___CC1 323721	21.90 0.41 0.00	18.60 0.26 0.00	16.52 0.21 0.00	17.76 0.25 0.00	18.78 0.22 0.00	20.33 0.24 0.00	19.72 0.29 0.00	19.73 0.34 0.00	20.64 0.33 0.00	19.49 0.38 0.00	20.13 0.40 0.00	18.65 0.40 0.00	14.73 0.36 0.00	14.85 0.38 0.00	8.32 0.21 0.00	8.77 0.26 0.00	11.18 0.36 0.00	14.29 0.48 0.00	18.24 0.53 0.00	21.65 0.58 0.00	21.00 0.61 0.00	22.86 0.59 0.00	21.14 0.47 0.00	19.41 0.36 0.00
CPV_VALLEY___CC2 323722	21.90 0.41 0.00	18.60 0.26 0.00	16.52 0.21 0.00	17.76 0.25 0.00	18.78 0.22 0.00	20.33 0.24 0.00	19.72 0.29 0.00	19.73 0.34 0.00	20.64 0.33 0.00	19.49 0.38 0.00	20.13 0.40 0.00	18.65 0.40 0.00	14.73 0.36 0.00	14.85 0.38 0.00	8.32 0.21 0.00	8.77 0.26 0.00	11.18 0.36 0.00	14.29 0.48 0.00	18.24 0.53 0.00	21.65 0.58 0.00	21.00 0.61 0.00	22.86 0.59 0.00	21.14 0.47 0.00	19.41 0.36 0.00
CRESCENT___HYD 24018	21.91 0.43 0.00	18.67 0.33 0.00	16.60 0.30 0.00	17.83 0.31 0.00	18.85 0.29 0.00	20.35 0.27 0.00	19.72 0.28 0.00	19.71 0.31 0.00	20.62 0.31 0.00	19.44 0.33 0.00	20.10 0.37 0.00	18.56 0.31 0.00	14.62 0.25 0.00	14.69 0.23 0.00	8.21 0.11 0.00	8.64 0.13 0.00	11.02 0.20 0.00	14.12 0.32 0.00	18.08 0.38 0.00	21.48 0.42 0.00	20.79 0.40 0.00	22.66 0.38 0.00	21.03 0.36 0.00	19.37 0.33 0.00
CRICKET___VALLEY_CC1 323756	21.85 0.36 0.00	18.62 0.28 0.00	16.55 0.24 0.00	17.77 0.25 0.00	18.76 0.20 0.00	20.24 0.15 0.00	19.61 0.18 0.00	19.63 0.23 0.00	20.56 0.25 0.00	19.46 0.34 0.00	20.10 0.37 0.00	18.61 0.36 0.00	14.70 0.33 0.00	14.80 0.33 0.00	8.28 0.17 0.00	8.73 0.22 0.00	11.14 0.32 0.00	14.27 0.47 0.00	18.16 0.45 0.00	21.58 0.52 0.00	20.94 0.55 0.00	22.79 0.52 0.00	21.07 0.40 0.00	19.39 0.35 0.00
CRICKET___VALLEY_CC2 323757	21.85 0.36 0.00	18.62 0.28 0.00	16.55 0.24 0.00	17.77 0.25 0.00	18.76 0.20 0.00	20.24 0.15 0.00	19.61 0.18 0.00	19.63 0.23 0.00	20.56 0.25 0.00	19.46 0.34 0.00	20.10 0.37 0.00	18.61 0.36 0.00	14.70 0.33 0.00	14.80 0.33 0.00	8.28 0.17 0.00	8.73 0.22 0.00	11.14 0.32 0.00	14.27 0.47 0.00	18.16 0.45 0.00	21.58 0.52 0.00	20.94 0.55 0.00	22.79 0.52 0.00	21.07 0.40 0.00	19.39 0.35 0.00
CRICKET___VALLEY_CC3 323758	21.85 0.36 0.00	18.62 0.28 0.00	16.55 0.24 0.00	17.77 0.25 0.00	18.76 0.20 0.00	20.24 0.15 0.00	19.61 0.18 0.00	19.63 0.23 0.00	20.56 0.25 0.00	19.46 0.34 0.00	20.10 0.37 0.00	18.61 0.36 0.00	14.70 0.33 0.00	14.80 0.33 0.00	8.28 0.17 0.00	8.73 0.22 0.00	11.14 0.32 0.00	14.27 0.47 0.00	18.16 0.45 0.00	21.58 0.52 0.00	20.94 0.55 0.00	22.79 0.52 0.00	21.07 0.40 0.00	19.39 0.35 0.00
CRUCIBLE_METL_DRP 24180	21.37 -0.12 0.00	18.21 -0.12 0.00	16.18 -0.13 0.00	17.39 -0.13 0.00	18.44 -0.12 0.00	19.97 -0.11 0.00	19.33 -0.10 0.00	19.30 -0.09 0.00	20.25 -0.06 0.00	19.07 -0.04 0.00	19.68 -0.05 0.00	18.17 -0.07 0.00	14.31 -0.06 0.00	14.35 -0.11 0.00	8.03 -0.07 0.00	8.42 -0.09 0.00	10.69 -0.12 0.00	13.66 -0.14 0.00	17.59 -0.11 0.00	20.93 -0.14 0.00	20.29 -0.10 0.00	22.07 -0.21 0.00	20.45 -0.23 0.00	18.83 -0.21 0.00
DAHOWA___HYDRO 323763	22.09 0.61 0.00	18.80 0.47 0.00	16.70 0.40 0.00	17.94 0.43 0.00	18.98 0.42 0.00	20.48 0.40 0.00	19.87 0.44 0.00	19.89 0.50 0.00	20.81 0.50 0.00	19.60 0.49 0.00	20.23 0.49 0.00	18.67 0.43 0.00	14.68 0.31 0.00	14.72 0.26 0.00	8.21 0.10 0.00	8.64 0.13 0.00	11.03 0.21 0.00	14.18 0.38 0.00	18.25 0.54 0.00	21.77 0.70 0.00	21.04 0.65 0.00	22.89 0.62 0.00	21.21 0.53 0.00	19.50 0.46 0.00
DANC___LFGE 323619	21.05 -0.44 0.00	17.84 -0.50 0.00	15.93 -0.38 0.00	17.22 -0.29 0.00	18.35 -0.21 0.00	19.88 -0.20 0.00	19.20 -0.23 0.00	19.15 -0.25 0.00	20.08 -0.23 0.00	18.75 -0.37 0.00	19.17 -0.56 0.00	17.57 -0.67 0.00	13.74 -0.63 0.00	13.76 -0.71 0.00	7.64 -0.46 0.00	7.99 -0.52 0.00	10.18 -0.64 0.00	13.07 -0.73 0.00	17.04 -0.67 0.00	20.61 -0.45 0.00	20.00 -0.40 0.00	21.68 -0.60 0.00	20.19 -0.48 0.00	18.57 -0.47 0.00
DANSKAMMER___1 23586	22.39 0.90 0.00	19.02 0.68 0.00	16.89 0.58 0.00	18.15 0.64 0.00	19.19 0.64 0.00	20.78 0.70 0.00	20.17 0.73 0.00	20.19 0.80 0.00	21.11 0.81 0.00	19.93 0.81 0.00	20.57 0.84 0.00	19.05 0.80 0.00	15.03 0.66 0.00	15.12 0.65 0.00	8.47 0.36 0.00	8.93 0.42 0.00	11.42 0.60 0.00	14.62 0.82 0.00	18.69 0.98 0.00	22.22 1.15 0.00	21.55 1.16 0.00	23.44 1.17 0.00	21.65 0.98 0.00	19.87 0.82 0.00
DANSKAMMER___2 23589	22.39 0.90 0.00	19.02 0.68 0.00	16.89 0.58 0.00	18.15 0.64 0.00	19.19 0.64 0.00	20.78 0.70 0.00	20.17 0.73 0.00	20.19 0.80 0.00	21.11 0.81 0.00	19.93 0.81 0.00	20.57 0.84 0.00	19.05 0.80 0.00	15.03 0.66 0.00	15.12 0.65 0.00	8.47 0.36 0.00	8.93 0.42 0.00	11.42 0.60 0.00	14.62 0.82 0.00	18.69 0.98 0.00	22.22 1.15 0.00	21.55 1.16 0.00	23.44 1.17 0.00	21.65 0.98 0.00	19.87 0.82 0.00
DANSKAMMER___3 23590	22.39 0.90 0.00	19.02 0.68 0.00	16.89 0.58 0.00	18.15 0.64 0.00	19.19 0.64 0.00	20.78 0.70 0.00	20.17 0.73 0.00	20.19 0.80 0.00	21.11 0.81 0.00	19.93 0.81 0.00	20.57 0.84 0.00	19.05 0.80 0.00	15.03 0.66 0.00	15.12 0.65 0.00	8.47 0.36 0.00	8.93 0.42 0.00	11.42 0.60 0.00	14.62 0.82 0.00	18.69 0.98 0.00	22.22 1.15 0.00	21.55 1.16 0.00	23.44 1.17 0.00	21.65 0.98 0.00	19.87 0.82 0.00

DANSKAMMER___4 23591	22.39 0.90 0.00	19.02 0.68 0.00	16.89 0.58 0.00	18.15 0.64 0.00	19.19 0.64 0.00	20.78 0.70 0.00	20.17 0.73 0.00	20.19 0.80 0.00	21.11 0.81 0.00	19.93 0.81 0.00	20.57 0.84 0.00	19.05 0.80 0.00	15.03 0.66 0.00	15.12 0.65 0.00	8.47 0.36 0.00	8.93 0.42 0.00	11.42 0.60 0.00	14.62 0.82 0.00	18.69 0.98 0.00	22.22 1.15 0.00	21.55 1.16 0.00	23.44 1.17 0.00	21.65 0.98 0.00	19.87 0.82 0.00
DANSKAMMER___DIESEL 23592	22.39 0.90 0.00	19.02 0.68 0.00	16.89 0.58 0.00	18.15 0.64 0.00	19.19 0.63 0.00	20.78 0.70 0.00	20.17 0.73 0.00	20.19 0.80 0.00	21.12 0.81 0.00	19.93 0.82 0.00	20.57 0.84 0.00	19.04 0.80 0.00	15.03 0.66 0.00	15.12 0.65 0.00	8.47 0.36 0.00	8.93 0.42 0.00	11.42 0.60 0.00	14.63 0.82 0.00	18.69 0.98 0.00	22.22 1.15 0.00	21.55 1.16 0.00	23.44 1.17 0.00	21.65 0.98 0.00	19.87 0.82 0.00
DARBY___SOLAR 323810	22.10 0.61 0.00	18.81 0.47 0.00	16.72 0.41 0.00	17.95 0.44 0.00	18.99 0.43 0.00	20.49 0.41 0.00	19.88 0.44 0.00	19.89 0.50 0.00	20.81 0.50 0.00	19.58 0.47 0.00	20.22 0.49 0.00	18.67 0.43 0.00	14.68 0.30 0.00	14.73 0.27 0.00	8.21 0.11 0.00	8.64 0.13 0.00	11.03 0.22 0.00	14.19 0.38 0.00	18.25 0.54 0.00	21.75 0.69 0.00	21.04 0.65 0.00	22.89 0.62 0.00	21.22 0.54 0.00	19.51 0.47 0.00
DASHVILLE___HYD 23610	21.95 0.47 0.00	18.66 0.32 0.00	16.58 0.27 0.00	17.81 0.29 0.00	18.82 0.27 0.00	20.36 0.27 0.00	19.76 0.33 0.00	19.78 0.39 0.00	20.68 0.38 0.00	19.54 0.43 0.00	20.17 0.44 0.00	18.70 0.46 0.00	14.79 0.42 0.00	14.90 0.43 0.00	8.36 0.25 0.00	8.83 0.32 0.00	11.27 0.46 0.00	14.41 0.61 0.00	18.37 0.67 0.00	21.86 0.80 0.00	21.21 0.82 0.00	23.06 0.79 0.00	21.29 0.62 0.00	19.53 0.49 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	22.87 1.39 0.00	19.69 1.35 0.00	17.43 1.13 0.00	18.70 1.18 0.00	19.77 1.21 0.00	21.31 1.23 0.00	20.75 1.32 0.00	20.69 1.29 0.00	21.43 1.12 0.00	20.23 1.12 0.00	20.95 1.22 0.00	19.31 1.07 0.00	15.15 0.78 0.00	15.08 0.62 0.00	8.40 0.30 0.00	8.88 0.37 0.00	11.41 0.60 0.00	14.82 1.01 0.00	18.83 1.12 0.00	22.46 1.40 0.00	21.79 1.39 0.00	23.93 1.65 0.00	22.27 1.60 0.00	20.37 1.33 0.00
DELAWARE___LFGE 323621	21.98 0.49 0.00	18.68 0.34 0.00	16.64 0.33 0.00	17.88 0.36 0.00	18.91 0.36 0.00	20.49 0.40 0.00	19.83 0.39 0.00	19.81 0.42 0.00	20.75 0.44 0.00	19.57 0.45 0.00	20.21 0.48 0.00	18.71 0.47 0.00	14.76 0.38 0.00	14.85 0.38 0.00	8.34 0.23 0.00	8.76 0.25 0.00	11.15 0.33 0.00	14.18 0.37 0.00	18.21 0.50 0.00	21.68 0.62 0.00	21.02 0.62 0.00	22.88 0.61 0.00	21.19 0.51 0.00	19.47 0.43 0.00
DERFIELD_115KV_TB7 355931	21.53 0.04 0.00	18.35 0.01 0.00	16.32 0.02 0.00	17.53 0.02 0.00	18.57 0.01 0.00	20.09 0.00 0.00	19.45 0.02 0.00	19.41 0.02 0.00	20.33 0.02 0.00	19.16 0.04 0.00	19.78 0.05 0.00	18.30 0.05 0.00	14.41 0.04 0.00	14.50 0.03 0.00	8.12 0.01 0.00	8.53 0.02 0.00	10.86 0.04 0.00	13.85 0.04 0.00	17.76 0.05 0.00	21.12 0.06 0.00	20.45 0.06 0.00	22.32 0.05 0.00	20.70 0.02 0.00	19.06 0.02 0.00
DOGLEVILLE___HYD 23807	21.25 -0.23 0.00	18.00 -0.33 0.00	16.00 -0.31 0.00	17.15 -0.36 0.00	18.11 -0.45 0.00	19.60 -0.48 0.00	19.03 -0.40 0.00	19.04 -0.35 0.00	19.90 -0.40 0.00	18.83 -0.29 0.00	19.33 -0.40 0.00	17.90 -0.35 0.00	14.08 -0.29 0.00	14.14 -0.32 0.00	7.91 -0.20 0.00	8.30 -0.21 0.00	10.62 -0.20 0.00	13.58 -0.23 0.00	17.47 -0.24 0.00	20.83 -0.24 0.00	20.32 -0.08 0.00	22.12 -0.16 0.00	20.49 -0.19 0.00	18.78 -0.27 0.00
DUNKIRK___115KV_TB_200 55889	21.96 0.47 0.00	18.66 0.33 0.00	16.48 0.18 0.00	17.75 0.24 0.00	18.95 0.39 0.00	20.71 0.63 0.00	19.99 0.55 0.00	19.82 0.43 0.00	20.92 0.62 0.00	19.71 0.60 0.00	20.37 0.64 0.00	18.71 0.46 0.00	14.77 0.40 0.00	14.82 0.35 0.00	8.33 0.22 0.00	8.68 0.17 0.00	10.90 0.08 0.00	13.91 0.11 0.00	18.00 0.30 0.00	21.29 0.23 0.00	20.69 0.29 0.00	22.33 0.05 0.00	20.70 0.03 0.00	19.15 0.11 0.00
DUNKIRK___1 23563	21.96 0.47 0.00	18.66 0.33 0.00	16.48 0.18 0.00	17.75 0.24 0.00	18.95 0.39 0.00	20.71 0.63 0.00	19.99 0.55 0.00	19.82 0.43 0.00	20.92 0.62 0.00	19.71 0.60 0.00	20.37 0.64 0.00	18.71 0.46 0.00	14.77 0.40 0.00	14.82 0.35 0.00	8.33 0.22 0.00	8.68 0.17 0.00	10.90 0.08 0.00	13.91 0.11 0.00	18.00 0.30 0.00	21.29 0.23 0.00	20.69 0.29 0.00	22.33 0.05 0.00	20.70 0.03 0.00	19.15 0.11 0.00
DUNKIRK___2 23564	21.96 0.47 0.00	18.66 0.33 0.00	16.48 0.18 0.00	17.75 0.24 0.00	18.95 0.39 0.00	20.71 0.63 0.00	19.99 0.55 0.00	19.82 0.43 0.00	20.92 0.62 0.00	19.71 0.60 0.00	20.37 0.64 0.00	18.71 0.46 0.00	14.77 0.40 0.00	14.82 0.35 0.00	8.33 0.22 0.00	8.68 0.17 0.00	10.90 0.08 0.00	13.91 0.11 0.00	18.00 0.30 0.00	21.29 0.23 0.00	20.69 0.29 0.00	22.33 0.05 0.00	20.70 0.03 0.00	19.15 0.11 0.00
DUNKIRK___3 23565	21.85 0.36 0.00	18.59 0.25 0.00	16.43 0.13 0.00	17.70 0.19 0.00	18.90 0.35 0.00	20.63 0.55 0.00	19.89 0.45 0.00	19.71 0.32 0.00	20.79 0.48 0.00	19.58 0.47 0.00	20.24 0.50 0.00	18.58 0.34 0.00	14.67 0.30 0.00	14.73 0.26 0.00	8.28 0.17 0.00	8.62 0.11 0.00	10.82 0.01 0.00	13.83 0.02 0.00	17.89 0.18 0.00	21.14 0.08 0.00	20.53 0.14 0.00	22.16 -0.12 0.00	20.54 -0.13 0.00	19.03 -0.01 0.00
DUNKIRK___4 23566	21.85 0.36 0.00	18.59 0.25 0.00	16.43 0.13 0.00	17.70 0.19 0.00	18.90 0.35 0.00	20.63 0.55 0.00	19.89 0.45 0.00	19.71 0.32 0.00	20.79 0.48 0.00	19.58 0.47 0.00	20.24 0.50 0.00	18.58 0.34 0.00	14.67 0.30 0.00	14.73 0.26 0.00	8.28 0.17 0.00	8.62 0.11 0.00	10.82 0.01 0.00	13.83 0.02 0.00	17.89 0.18 0.00	21.14 0.08 0.00	20.53 0.14 0.00	22.16 -0.12 0.00	20.54 -0.13 0.00	19.03 -0.01 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.23 0.74 0.00	18.88 0.54 0.00	16.76 0.46 0.00	18.02 0.50 0.00	19.03 0.48 0.00	20.59 0.51 0.00	19.99 0.55 0.00	20.02 0.62 0.00	20.93 0.63 0.00	19.80 0.68 0.00	20.47 0.74 0.00	18.97 0.73 0.00	15.00 0.63 0.00	15.10 0.64 0.00	8.46 0.35 0.00	8.93 0.42 0.00	11.40 0.58 0.00	14.59 0.78 0.00	18.58 0.88 0.00	22.04 0.98 0.00	21.37 0.98 0.00	23.26 0.98 0.00	21.48 0.81 0.00	19.71 0.67 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.19 0.70 0.00	18.84 0.50 0.00	16.73 0.42 0.00	17.99 0.47 0.00	19.02 0.46 0.00	20.59 0.50 0.00	19.99 0.55 0.00	20.00 0.61 0.00	20.91 0.61 0.00	19.74 0.63 0.00	20.37 0.64 0.00	18.87 0.63 0.00	14.90 0.53 0.00	15.00 0.54 0.00	8.40 0.30 0.00	8.86 0.35 0.00	11.32 0.50 0.00	14.49 0.69 0.00	18.51 0.80 0.00	21.99 0.93 0.00	21.34 0.94 0.00	23.22 0.95 0.00	21.45 0.77 0.00	19.68 0.64 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	22.34 0.85 0.00	19.02 0.68 0.00	16.87 0.56 0.00	18.12 0.60 0.00	19.14 0.58 0.00	20.69 0.60 0.00	20.13 0.69 0.00	20.15 0.75 0.00	21.08 0.77 0.00	19.96 0.84 0.00	20.61 0.87 0.00	19.13 0.89 0.00	15.14 0.77 0.00	15.23 0.77 0.00	8.52 0.41 0.00	8.99 0.48 0.00	11.48 0.66 0.00	14.68 0.88 0.00	18.68 0.97 0.00	22.12 1.05 0.00	21.49 1.10 0.00	23.35 1.08 0.00	21.57 0.89 0.00	19.82 0.78 0.00
E179THST_13_KV_LOAD 356214	22.42 0.94 0.00	19.09 0.75 0.00	16.93 0.62 0.00	18.18 0.66 0.00	19.21 0.65 0.00	20.76 0.68 0.00	20.20 0.76 0.00	20.22 0.82 0.00	21.16 0.85 0.00	20.03 0.92 0.00	20.69 0.96 0.00	19.20 0.96 0.00	15.20 0.83 0.00	15.29 0.83 0.00	8.55 0.45 0.00	9.03 0.52 0.00	11.52 0.71 0.00	14.74 0.94 0.00	18.76 1.05 0.00	22.22 1.15 0.00	21.58 1.18 0.00	23.44 1.17 0.00	21.65 0.98 0.00	19.91 0.86 0.00
EAST HAMPTON___GT 23717	22.89 1.40 0.00	19.78 1.44 0.00	17.51 1.21 0.00	18.78 1.26 0.00	19.86 1.31 0.00	21.42 1.34 0.00	20.85 1.42 0.00	20.81 1.41 0.00	21.52 1.21 0.00	20.31 1.20 0.00	21.03 1.30 0.00	19.38 1.14 0.00	15.19 0.82 0.00	15.04 0.57 0.00	8.36 0.25 0.00	8.83 0.32 0.00	11.33 0.51 0.00	14.69 0.89 0.00	18.74 1.04 0.00	22.38 1.32 0.00	21.72 1.33 0.00	23.98 1.71 0.00	22.36 1.69 0.00	20.47 1.43 0.00
EAST RIVER___6 23660	22.28 0.79 0.00	18.92 0.58 0.00	16.80 0.50 0.00	18.06 0.54 0.00	19.07 0.51 0.00	20.63 0.55 0.00	20.03 0.60 0.00	20.08 0.69 0.00	21.01 0.70 0.00	19.89 0.78 0.00	20.56 0.83 0.00	19.08 0.84 0.00	15.11 0.74 0.00	15.20 0.74 0.00	8.51 0.40 0.00	8.99 0.48 0.00	11.47 0.65 0.00	14.68 0.88 0.00	18.69 0.98 0.00	22.13 1.06 0.00	21.46 1.07 0.00	23.32 1.05 0.00	21.53 0.86 0.00	19.75 0.71 0.00
EAST RIVER___7 23524	22.28 0.79 0.00	18.92 0.58 0.00	16.80 0.50 0.00	18.06 0.54 0.00	19.07 0.51 0.00	20.63 0.55 0.00	20.03 0.60 0.00	20.08 0.69 0.00	21.01 0.70 0.00	19.89 0.78 0.00	20.56 0.83 0.00	19.08 0.84 0.00	15.11 0.74 0.00	15.20 0.74 0.00	8.51 0.40 0.00	8.99 0.48 0.00	11.47 0.65 0.00	14.68 0.88 0.00	18.69 0.98 0.00	22.13 1.06 0.00	21.46 1.07 0.00	23.32 1.05 0.00	21.53 0.86 0.00	19.75 0.71 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.21 0.72 0.00	18.86 0.52 0.00	16.75 0.44 0.00	18.00 0.48 0.00	19.02 0.46 0.00	20.58 0.49 0.00	19.98 0.54 0.00	20.00 0.61 0.00	20.91 0.61 0.00	19.78 0.66 0.00	20.44 0.71 0.00	18.95 0.70 0.00	14.98 0.61 0.00	15.08 0.62 0.00	8.44 0.34 0.00	8.92 0.40 0.00	11.38 0.56 0.00	14.56 0.76 0.00	18.55 0.85 0.00	22.01 0.95 0.00	21.35 0.96 0.00	23.23 0.96 0.00	21.46 0.79 0.00	19.69 0.65 0.00
EAST_HAMPTON___DIESEL 23722	22.86 1.38 0.00	19.78 1.44 0.00	17.51 1.21 0.00	18.78 1.26 0.00	19.86 1.31 0.00	21.42 1.34 0.00	20.86 1.42 0.00	20.81 1.41 0.00	21.52 1.21 0.00	20.31 1.20 0.00	21.03 1.30 0.00	19.38 1.14 0.00	15.19 0.82 0.00	15.02 0.56 0.00	8.35 0.24 0.00	8.81 0.30 0.00	11.30 0.49 0.00	14.67 0.87 0.00	18.71 1.00 0.00	22.34 1.27 0.00	21.69 1.30 0.00	23.97 1.69 0.00	22.35 1.68 0.00	20.48 1.43 0.00
EAST_POINT___SOLAR 323840	22.75 1.27 0.00	19.43 1.09 0.00	17.24 0.93 0.00	18.53 1.02 0.00	19.63 1.08 0.00	21.34 1.25 0.00	20.65 1.22 0.00	20.56 1.17 0.00	21.57 1.26 0.00	20.23 1.11 0.00	20.87 1.14 0.00	19.28 1.04 0.00	15.15 0.78 0.00	15.26 0.79 0.00	8.53 0.42 0.00	8.91 0.40 0.00	11.28 0.46 0.00	14.37 0.57 0.00	18.60 0.89 0.00	22.39 1.32 0.00	21.77 1.38 0.00	23.76 1.49 0.00	22.00 1.33 0.00	20.26 1.22 0.00
EAST_PULASKI___ESR 323781	21.06 -0.43 0.00	17.92 -0.42 0.00	15.95 -0.36 0.00	17.18 -0.33 0.00	18.25 -0.31 0.00	19.76 -0.32 0.00	19.10 -0.33 0.00	19.06 -0.34 0.00	19.99 -0.32 0.00	18.76 -0.35 0.00	19.29 -0.44 0.00	17.74 -0.50 0.00	13.94 -0.43 0.00	13.97 -0.49 0.00	7.80 -0.31 0.00	8.17 -0.35 0.00	10.37 -0.45 0.00	13.28 -0.53 0.00	17.18 -0.53 0.00	20.59 -0.47 0.00	19.98 -0.41 0.00	21.70 -0.57 0.00	20.17 -0.50 0.00	18.57 -0.47 0.00
EAST_RIVER___1 323558	22.28 0.79 0.00	18.92 0.58 0.00	16.81 0.50 0.00	18.07 0.55 0.00	19.07 0.52 0.00	20.64 0.56 0.00	20.04 0.60 0.00	20.09 0.69 0.00	21.01 0.70 0.00	19.89 0.77 0.00	20.55 0.82 0.00	19.08 0.83 0.00	15.11 0.73 0.00	15.20 0.73 0.00	8.50 0.40 0.00	8.98 0.47 0.00	11.46 0.64 0.00	14.67 0.87 0.00	18.68 0.97 0.00	22.11 1.05 0.00	21.45 1.06 0.00	23.32 1.05 0.00	21.53 0.85 0.00	19.75 0.71 0.00
EAST_RIVER___2 323559	22.28 0.79 0.00	18.92 0.58 0.00	16.80 0.50 0.00	18.06 0.54 0.00	19.07 0.51 0.00	20.63 0.55 0.00	20.03 0.60 0.00	20.08 0.69 0.00	21.01 0.70 0.00	19.89 0.78 0.00	20.56 0.83 0.00	19.08 0.84 0.00	15.11 0.74 0.00	15.20 0.74 0.00	8.51 0.40 0.00	8.99 0.48 0.00	11.47 0.65 0.00	14.68 0.88 0.00	18.69 0.98 0.00	22.13 1.06 0.00	21.46 1.07 0.00	23.32 1.05 0.00	21.53 0.86 0.00	19.75 0.71 0.00
EAST___DELAWARE_HYD 23607	22.15 0.66 0.00	18.79 0.46 0.00	16.69 0.38 0.00	17.94 0.43 0.00	18.98 0.42 0.00	20.57 0.48 0.00	19.97 0.53 0.00	19.99 0.60 0.00	20.89 0.59 0.00	19.65 0.54 0.00	20.23 0.50 0.00	18.75 0.51 0.00	14.77 0.40 0.00	14.87 0.41 0.00	8.33 0.23 0.00	8.79 0.28 0.00	11.23 0.41 0.00	14.38 0.58 0.00	18.42 0.72 0.00	21.99 0.92 0.00	21.36 0.96 0.00	23.22 0.95 0.00	21.43 0.76 0.00	19.64 0.60 0.00
EIGHT_POINT___WT_PWR 323820	21.94 0.45 0.00	18.55 0.21 0.00	16.32 0.02 0.00	17.53 0.01 0.00	18.56 0.00 0.00	19.97 -0.11 0.00	19.29 -0.14 0.00	19.54 0.15 0.00	20.66 0.35 0.00	19.57 0.45 0.00	20.22 0.49 0.00	18.72 0.47 0.00	14.74 0.37 0.00	14.70 0.23 0.00	8.19 0.08 0.00	8.52 0.01 0.00	10.84 0.03 0.00	13.97 0.17 0.00	18.24 0.53 0.00	21.76 0.70 0.00	21.16 0.76 0.00	23.10 0.83 0.00	21.34 0.67 0.00	19.47 0.43 0.00
ELBRIDGE_115KV_TB2 80188	21.28 -0.21 0.00	18.13 -0.21 0.00	16.11 -0.20 0.00	17.31 -0.21 0.00	18.36 -0.20 0.00	19.88 -0.21 0.00	19.24 -0.19 0.00	19.21 -0.19 0.00	20.15 -0.15 0.00	18.98 -0.13 0.00	19.58 -0.15 0.00	18.07 -0.17 0.00	14.24 -0.14 0.00	14.29 -0.18 0.00	8.00 -0.11 0.00	8.39 -0.12 0.00	10.65 -0.17 0.00	13.60 -0.21 0.00	17.51 -0.20 0.00	20.82 -0.25 0.00	20.19 -0.21 0.00	21.95 -0.33 0.00	20.34 -0.33 0.00	18.74 -0.31 0.00
ELEC_TRO_TEK 24086	22.34 0.85 0.00	19.01 0.67 0.00	16.83 0.53 0.00	18.08 0.57 0.00	19.10 0.55 0.00	20.63 0.54 0.00	20.01 0.57 0.00	19.97 0.58 0.00	20.81 0.50 0.00	19.72 0.61 0.00	20.47 0.74 0.00	18.93 0.69 0.00	14.93 0.56 0.00	15.02 0.56 0.00	8.42 0.32 0.00	8.90 0.39 0.00	11.41 0.59 0.00	14.63 0.82 0.00	18.57 0.87 0.00	22.07 1.00 0.00	21.38 0.98 0.00	23.32 1.05 0.00	21.55 0.88 0.00	19.74 0.70 0.00

ELLENBURG_WT_PWR 323604	21.64 0.15 0.00	18.59 0.25 0.00	16.47 0.16 0.00	17.72 0.20 0.00	18.85 0.29 0.00	20.36 0.27 0.00	19.55 0.11 0.00	19.46 0.07 0.00	20.29 -0.02 0.00	18.77 -0.34 0.00	19.01 -0.73 0.00	17.62 -0.62 0.00	13.79 -0.58 0.00	13.93 -0.53 0.00	7.79 -0.32 0.00	8.19 -0.32 0.00	10.36 -0.45 0.00	13.36 -0.44 0.00	17.35 -0.36 0.00	21.06 0.00 0.00	20.33 -0.06 0.00	22.40 0.13 0.00	20.85 0.18 0.00	19.36 0.32 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.66 0.17 0.00	18.53 0.19 0.00	16.42 0.11 0.00	17.67 0.15 0.00	18.88 0.32 0.00	20.55 0.46 0.00	19.74 0.30 0.00	19.47 0.07 0.00	20.52 0.21 0.00	19.27 0.16 0.00	19.92 0.19 0.00	18.27 0.03 0.00	14.43 0.06 0.00	14.51 0.05 0.00	8.17 0.06 0.00	8.49 -0.02 0.00	10.64 -0.18 0.00	13.60 -0.20 0.00	17.56 -0.15 0.00	20.74 -0.33 0.00	20.13 -0.26 0.00	21.68 -0.59 0.00	20.14 -0.53 0.00	18.79 -0.25 0.00
EMPIRE_CC_1 323656	21.75 0.27 0.00	18.56 0.22 0.00	16.50 0.19 0.00	17.72 0.20 0.00	18.73 0.17 0.00	20.22 0.14 0.00	19.58 0.14 0.00	19.49 0.09 0.00	20.38 0.07 0.00	19.27 0.15 0.00	19.98 0.25 0.00	18.44 0.20 0.00	14.55 0.17 0.00	14.64 0.18 0.00	8.19 0.08 0.00	8.62 0.11 0.00	10.99 0.17 0.00	14.05 0.25 0.00	17.95 0.25 0.00	21.21 0.14 0.00	20.53 0.14 0.00	22.39 0.12 0.00	20.84 0.17 0.00	19.25 0.20 0.00
EMPIRE_CC_2 323658	21.75 0.27 0.00	18.56 0.22 0.00	16.50 0.19 0.00	17.72 0.20 0.00	18.73 0.17 0.00	20.22 0.14 0.00	19.58 0.14 0.00	19.49 0.09 0.00	20.38 0.07 0.00	19.27 0.15 0.00	19.98 0.25 0.00	18.44 0.20 0.00	14.55 0.17 0.00	14.64 0.18 0.00	8.19 0.08 0.00	8.62 0.11 0.00	10.99 0.17 0.00	14.05 0.25 0.00	17.95 0.25 0.00	21.21 0.14 0.00	20.53 0.14 0.00	22.39 0.12 0.00	20.84 0.17 0.00	19.25 0.20 0.00
ENORWICH_115KV_TB1 80156	22.93 1.44 0.00	19.32 0.98 0.00	17.29 0.98 0.00	18.41 0.90 0.00	19.55 0.99 0.00	21.40 1.31 0.00	20.58 1.14 0.00	20.47 1.07 0.00	21.44 1.13 0.00	20.10 0.98 0.00	20.59 0.86 0.00	18.95 0.71 0.00	14.97 0.60 0.00	14.97 0.51 0.00	8.34 0.24 0.00	8.72 0.21 0.00	11.09 0.28 0.00	14.34 0.53 0.00	18.91 1.21 0.00	22.82 1.75 0.00	22.15 1.76 0.00	24.03 1.76 0.00	22.22 1.55 0.00	20.38 1.34 0.00
ERIE_ST__34_KV_TB1-2 80199	22.02 0.53 0.00	18.82 0.48 0.00	16.68 0.38 0.00	17.97 0.45 0.00	19.18 0.63 0.00	20.88 0.80 0.00	20.07 0.64 0.00	19.86 0.47 0.00	20.91 0.60 0.00	19.68 0.57 0.00	20.33 0.60 0.00	18.64 0.40 0.00	14.70 0.33 0.00	14.77 0.30 0.00	8.30 0.20 0.00	8.64 0.13 0.00	10.84 0.02 0.00	13.86 0.06 0.00	17.92 0.21 0.00	21.18 0.12 0.00	20.58 0.19 0.00	22.17 -0.10 0.00	20.58 -0.09 0.00	19.14 0.10 0.00
ERIE_WT_PWR 323693	21.80 0.32 0.00	18.64 0.30 0.00	16.53 0.22 0.00	17.77 0.26 0.00	18.99 0.44 0.00	20.68 0.59 0.00	19.87 0.43 0.00	19.63 0.23 0.00	20.67 0.37 0.00	19.43 0.32 0.00	20.08 0.34 0.00	18.42 0.17 0.00	14.54 0.17 0.00	14.61 0.14 0.00	8.22 0.12 0.00	8.55 0.04 0.00	10.71 -0.11 0.00	13.71 -0.10 0.00	17.69 -0.02 0.00	20.92 -0.15 0.00	20.31 -0.09 0.00	21.88 -0.39 0.00	20.30 -0.37 0.00	18.93 -0.11 0.00
ESPRGFLD_115KV_TB1 80157	22.56 1.08 0.00	19.22 0.88 0.00	17.08 0.77 0.00	18.36 0.84 0.00	19.42 0.87 0.00	21.13 1.05 0.00	20.45 1.01 0.00	20.37 0.97 0.00	21.35 1.04 0.00	20.08 0.96 0.00	20.71 0.97 0.00	19.15 0.91 0.00	15.07 0.69 0.00	15.17 0.71 0.00	8.50 0.40 0.00	8.89 0.38 0.00	11.28 0.46 0.00	14.35 0.55 0.00	18.54 0.84 0.00	22.28 1.21 0.00	21.66 1.26 0.00	23.60 1.33 0.00	21.83 1.16 0.00	20.09 1.04 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.74 0.25 0.00	18.47 0.13 0.00	16.41 0.10 0.00	17.64 0.12 0.00	18.70 0.15 0.00	20.29 0.21 0.00	19.64 0.21 0.00	19.63 0.24 0.00	20.60 0.30 0.00	19.39 0.28 0.00	19.95 0.22 0.00	18.40 0.16 0.00	14.50 0.12 0.00	14.53 0.06 0.00	8.12 0.01 0.00	8.51 0.00 0.00	10.81 -0.01 0.00	13.84 0.04 0.00	17.94 0.23 0.00	21.39 0.33 0.00	20.76 0.36 0.00	22.56 0.29 0.00	20.88 0.21 0.00	19.19 0.15 0.00
ETNA____115KV_TB2 80207	21.74 0.25 0.00	18.47 0.13 0.00	16.41 0.10 0.00	17.64 0.12 0.00	18.70 0.15 0.00	20.29 0.21 0.00	19.64 0.21 0.00	19.63 0.24 0.00	20.60 0.30 0.00	19.39 0.28 0.00	19.95 0.22 0.00	18.40 0.16 0.00	14.50 0.12 0.00	14.53 0.06 0.00	8.12 0.01 0.00	8.51 0.00 0.00	10.81 -0.01 0.00	13.84 0.04 0.00	17.94 0.23 0.00	21.39 0.33 0.00	20.76 0.36 0.00	22.56 0.29 0.00	20.88 0.21 0.00	19.19 0.15 0.00
EUCLID__115KV_TB2 356179	21.13 -0.36 0.00	18.02 -0.32 0.00	16.02 -0.29 0.00	17.21 -0.30 0.00	18.25 -0.31 0.00	19.76 -0.32 0.00	19.13 -0.31 0.00	19.08 -0.32 0.00	20.01 -0.30 0.00	18.85 -0.26 0.00	19.46 -0.27 0.00	17.97 -0.28 0.00	14.15 -0.23 0.00	14.21 -0.26 0.00	7.95 -0.15 0.00	8.34 -0.17 0.00	10.58 -0.23 0.00	13.51 -0.30 0.00	17.38 -0.33 0.00	20.67 -0.40 0.00	20.04 -0.35 0.00	21.79 -0.49 0.00	20.20 -0.47 0.00	18.62 -0.42 0.00
E_CANADA_CAP_HY 24051	22.72 1.24 0.00	19.41 1.07 0.00	17.22 0.92 0.00	18.51 0.99 0.00	19.61 1.06 0.00	21.32 1.23 0.00	20.63 1.20 0.00	20.53 1.14 0.00	21.54 1.23 0.00	20.19 1.08 0.00	20.84 1.10 0.00	19.24 1.00 0.00	15.13 0.76 0.00	15.24 0.77 0.00	8.52 0.42 0.00	8.90 0.39 0.00	11.27 0.45 0.00	14.36 0.55 0.00	18.56 0.85 0.00	22.34 1.28 0.00	21.74 1.34 0.00	23.73 1.45 0.00	21.98 1.30 0.00	20.24 1.20 0.00
E_CANADA_MHWK_HY 24050	21.25 -0.23 0.00	18.00 -0.33 0.00	16.00 -0.31 0.00	17.15 -0.36 0.00	18.11 -0.45 0.00	19.60 -0.48 0.00	19.03 -0.40 0.00	19.04 -0.35 0.00	19.90 -0.40 0.00	18.83 -0.29 0.00	19.33 -0.40 0.00	17.90 -0.35 0.00	14.08 -0.29 0.00	14.14 -0.32 0.00	7.91 -0.20 0.00	8.30 -0.21 0.00	10.62 -0.20 0.00	13.58 -0.23 0.00	17.47 -0.24 0.00	20.83 -0.24 0.00	20.32 -0.08 0.00	22.12 -0.16 0.00	20.49 -0.19 0.00	18.78 -0.27 0.00
E_FISHKILL__LBMP 23776	22.03 0.55 0.00	18.74 0.40 0.00	16.65 0.34 0.00	17.89 0.38 0.00	18.90 0.34 0.00	20.43 0.35 0.00	19.82 0.38 0.00	19.83 0.44 0.00	20.75 0.44 0.00	19.62 0.51 0.00	20.28 0.54 0.00	18.78 0.54 0.00	14.84 0.47 0.00	14.94 0.47 0.00	8.37 0.26 0.00	8.83 0.32 0.00	11.26 0.44 0.00	14.40 0.60 0.00	18.36 0.65 0.00	21.80 0.73 0.00	21.13 0.74 0.00	23.01 0.73 0.00	21.27 0.59 0.00	19.54 0.50 0.00
FALCON___SEABRD_CC1 323796	21.88 0.39 0.00	18.80 0.46 0.00	16.65 0.34 0.00	17.89 0.38 0.00	19.00 0.44 0.00	20.48 0.39 0.00	19.67 0.24 0.00	19.61 0.22 0.00	20.43 0.12 0.00	18.91 -0.21 0.00	19.09 -0.64 0.00	17.72 -0.52 0.00	13.87 -0.51 0.00	13.98 -0.48 0.00	7.82 -0.29 0.00	8.22 -0.29 0.00	10.41 -0.40 0.00	13.44 -0.36 0.00	17.46 -0.24 0.00	21.22 0.15 0.00	20.49 0.09 0.00	22.63 0.36 0.00	21.08 0.40 0.00	19.57 0.53 0.00

FALCON___SEABRD_CC2 323797	21.88 0.39 0.00	18.80 0.46 0.00	16.65 0.34 0.00	17.89 0.38 0.00	19.00 0.44 0.00	20.48 0.39 0.00	19.67 0.24 0.00	19.61 0.22 0.00	20.43 0.12 0.00	18.91 -0.21 0.00	19.09 -0.64 0.00	17.72 -0.52 0.00	13.87 -0.51 0.00	13.98 -0.48 0.00	7.82 -0.29 0.00	8.22 -0.29 0.00	10.41 -0.40 0.00	13.44 -0.36 0.00	17.46 -0.24 0.00	21.22 0.15 0.00	20.49 0.09 0.00	22.63 0.36 0.00	21.08 0.40 0.00	19.57 0.53 0.00
FAR ROCKAWAY___4 23548	22.61 1.12 0.00	19.23 0.89 0.00	17.02 0.71 0.00	18.29 0.77 0.00	19.32 0.76 0.00	20.85 0.77 0.00	20.23 0.79 0.00	20.18 0.78 0.00	21.00 0.70 0.00	19.92 0.80 0.00	20.69 0.95 0.00	19.14 0.90 0.00	15.09 0.72 0.00	15.18 0.71 0.00	8.51 0.40 0.00	9.00 0.49 0.00	11.55 0.72 -0.01	14.80 1.00 0.00	18.80 1.10 0.00	22.35 1.28 0.00	21.64 1.25 0.00	23.61 1.34 0.00	21.82 1.14 0.00	19.98 0.94 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.30 0.81 0.00	18.94 0.60 0.00	16.82 0.51 0.00	18.08 0.56 0.00	19.09 0.53 0.00	20.65 0.57 0.00	20.05 0.62 0.00	20.10 0.71 0.00	21.03 0.72 0.00	19.90 0.79 0.00	20.57 0.84 0.00	19.09 0.84 0.00	15.11 0.74 0.00	15.21 0.74 0.00	8.51 0.40 0.00	8.99 0.48 0.00	11.47 0.65 0.00	14.68 0.88 0.00	18.69 0.98 0.00	22.12 1.06 0.00	21.46 1.07 0.00	23.33 1.06 0.00	21.54 0.87 0.00	19.77 0.73 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.31 0.82 0.00	18.95 0.61 0.00	16.83 0.52 0.00	18.09 0.57 0.00	19.10 0.55 0.00	20.66 0.58 0.00	20.06 0.63 0.00	20.11 0.72 0.00	21.04 0.73 0.00	19.91 0.80 0.00	20.58 0.85 0.00	19.09 0.85 0.00	15.13 0.76 0.00	15.21 0.75 0.00	8.52 0.41 0.00	8.99 0.49 0.00	11.48 0.66 0.00	14.69 0.88 0.00	18.70 0.99 0.00	22.14 1.07 0.00	21.48 1.09 0.00	23.35 1.08 0.00	21.56 0.88 0.00	19.78 0.74 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.29 0.80 0.00	18.93 0.60 0.00	16.82 0.51 0.00	18.07 0.56 0.00	19.09 0.53 0.00	20.65 0.56 0.00	20.05 0.61 0.00	20.10 0.70 0.00	21.02 0.71 0.00	19.89 0.78 0.00	20.56 0.83 0.00	19.08 0.83 0.00	15.11 0.74 0.00	15.20 0.73 0.00	8.51 0.40 0.00	8.98 0.48 0.00	11.46 0.65 0.00	14.67 0.87 0.00	18.68 0.97 0.00	22.12 1.05 0.00	21.45 1.06 0.00	23.32 1.05 0.00	21.53 0.86 0.00	19.76 0.72 0.00
FARRAGUT___LBMP 323566	22.28 0.79 0.00	18.92 0.58 0.00	16.81 0.50 0.00	18.06 0.54 0.00	19.07 0.51 0.00	20.64 0.55 0.00	20.03 0.60 0.00	20.08 0.69 0.00	21.01 0.70 0.00	19.88 0.77 0.00	20.55 0.81 0.00	19.07 0.82 0.00	15.10 0.73 0.00	15.19 0.73 0.00	8.50 0.40 0.00	8.98 0.47 0.00	11.46 0.64 0.00	14.67 0.86 0.00	18.67 0.96 0.00	22.10 1.04 0.00	21.44 1.05 0.00	23.31 1.03 0.00	21.52 0.85 0.00	19.75 0.71 0.00
FENNER___WINDPWR 24204	21.88 0.40 0.00	18.63 0.30 0.00	16.55 0.25 0.00	17.75 0.24 0.00	18.85 0.29 0.00	20.44 0.36 0.00	19.80 0.36 0.00	19.74 0.34 0.00	20.71 0.40 0.00	19.49 0.38 0.00	20.09 0.36 0.00	18.56 0.31 0.00	14.58 0.20 0.00	14.59 0.13 0.00	8.14 0.04 0.00	8.52 0.01 0.00	10.83 0.01 0.00	13.87 0.07 0.00	17.96 0.26 0.00	21.57 0.50 0.00	20.93 0.54 0.00	22.77 0.50 0.00	21.10 0.43 0.00	19.41 0.36 0.00
FIBERTEK___ENERGY 23856	21.37 -0.12 0.00	18.21 -0.12 0.00	16.18 -0.13 0.00	17.39 -0.13 0.00	18.44 -0.12 0.00	19.97 -0.11 0.00	19.33 -0.10 0.00	19.30 -0.09 0.00	20.25 -0.06 0.00	19.07 -0.04 0.00	19.68 -0.05 0.00	18.17 -0.07 0.00	14.31 -0.06 0.00	14.35 -0.11 0.00	8.03 -0.07 0.00	8.42 -0.09 0.00	10.69 -0.12 0.00	13.66 -0.14 0.00	17.59 -0.11 0.00	20.93 -0.14 0.00	20.29 -0.10 0.00	22.07 -0.21 0.00	20.45 -0.23 0.00	18.83 -0.21 0.00
FITZPATRICK____ 23598	20.87 -0.61 0.00	17.81 -0.53 0.00	15.83 -0.48 0.00	17.01 -0.51 0.00	18.03 -0.53 0.00	19.52 -0.56 0.00	18.89 -0.55 0.00	18.84 -0.56 0.00	19.75 -0.56 0.00	18.60 -0.52 0.00	19.20 -0.54 0.00	17.72 -0.52 0.00	13.96 -0.41 0.00	14.03 -0.43 0.00	7.86 -0.24 0.00	8.24 -0.27 0.00	10.46 -0.35 0.00	13.35 -0.46 0.00	17.15 -0.56 0.00	20.38 -0.68 0.00	19.76 -0.63 0.00	21.51 -0.77 0.00	19.95 -0.72 0.00	18.39 -0.65 0.00
FLOWRFLD_69_KV_BK1 356044	22.57 1.08 0.00	19.26 0.92 0.00	17.04 0.73 0.00	18.29 0.78 0.00	19.32 0.77 0.00	20.83 0.75 0.00	20.24 0.80 0.00	20.18 0.78 0.00	20.95 0.64 0.00	19.83 0.71 0.00	20.57 0.83 0.00	19.00 0.76 0.00	14.95 0.58 0.00	15.00 0.54 0.00	8.41 0.30 0.00	8.89 0.38 0.00	11.43 0.61 0.00	14.75 0.95 0.00	18.73 1.02 0.00	22.28 1.22 0.00	21.58 1.19 0.00	23.57 1.29 0.00	21.81 1.14 0.00	19.94 0.90 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.43 0.94 0.00	19.05 0.71 0.00	16.92 0.61 0.00	18.18 0.66 0.00	19.22 0.66 0.00	20.81 0.73 0.00	20.20 0.76 0.00	20.22 0.82 0.00	21.15 0.84 0.00	19.96 0.84 0.00	20.60 0.86 0.00	19.07 0.83 0.00	15.05 0.68 0.00	15.14 0.68 0.00	8.48 0.38 0.00	8.95 0.44 0.00	11.43 0.62 0.00	14.65 0.85 0.00	18.71 1.01 0.00	22.25 1.18 0.00	21.58 1.19 0.00	23.47 1.20 0.00	21.68 1.01 0.00	19.89 0.85 0.00
FORT ORANGE____ 23900	22.07 0.59 0.00	18.80 0.47 0.00	16.73 0.43 0.00	17.96 0.45 0.00	19.00 0.44 0.00	20.52 0.43 0.00	19.88 0.45 0.00	19.86 0.46 0.00	20.78 0.47 0.00	19.61 0.50 0.00	20.30 0.57 0.00	18.72 0.48 0.00	14.74 0.37 0.00	14.81 0.34 0.00	8.28 0.18 0.00	8.70 0.19 0.00	11.10 0.28 0.00	14.18 0.38 0.00	18.09 0.38 0.00	21.39 0.33 0.00	20.74 0.34 0.00	22.67 0.40 0.00	21.03 0.36 0.00	19.39 0.34 0.00
FORT_DRUM_COGEN 23780	21.20 -0.29 0.00	17.91 -0.42 0.00	16.03 -0.27 0.00	17.37 -0.14 0.00	18.54 -0.01 0.00	20.14 0.05 0.00	19.44 0.01 0.00	19.38 -0.01 0.00	20.31 0.00 0.00	18.86 -0.25 0.00	19.16 -0.57 0.00	17.51 -0.73 0.00	13.63 -0.74 0.00	13.64 -0.83 0.00	7.56 -0.55 0.00	7.88 -0.63 0.00	10.07 -0.75 0.00	12.97 -0.84 0.00	17.04 -0.66 0.00	20.82 -0.24 0.00	20.22 -0.17 0.00	21.91 -0.36 0.00	20.41 -0.27 0.00	18.76 -0.28 0.00
FOX_HILLS___ESR 323835	22.40 0.92 0.00	19.04 0.70 0.00	16.89 0.59 0.00	18.15 0.64 0.00	19.18 0.62 0.00	20.76 0.67 0.00	20.17 0.73 0.00	20.20 0.80 0.00	21.14 0.83 0.00	20.00 0.89 0.00	20.65 0.92 0.00	19.16 0.91 0.00	15.17 0.80 0.00	15.25 0.79 0.00	8.54 0.43 0.00	9.02 0.51 0.00	11.51 0.69 0.00	14.74 0.94 0.00	18.78 1.07 0.00	22.25 1.18 0.00	21.59 1.20 0.00	23.48 1.21 0.00	21.67 1.00 0.00	19.90 0.86 0.00
FPL FAR_ROCK_GT1 24212	22.60 1.12 0.00	19.23 0.89 0.00	17.02 0.71 0.00	18.29 0.78 0.00	19.32 0.76 0.00	20.85 0.77 0.00	20.22 0.79 0.00	20.19 0.79 0.00	21.00 0.70 0.00	19.92 0.80 0.00	20.69 0.95 0.00	19.14 0.90 0.00	15.09 0.72 0.00	15.18 0.71 0.00	8.51 0.40 0.00	9.00 0.49 0.00	11.55 0.72 -0.01	14.80 1.00 0.00	18.80 1.10 0.00	22.34 1.28 0.00	21.64 1.25 0.00	23.61 1.34 0.00	21.82 1.15 0.00	19.98 0.94 0.00



FPL FAR_ROCK_GT2 23815	22.60 1.12 0.00	19.23 0.89 0.00	17.02 0.71 0.00	18.29 0.78 0.00	19.32 0.76 0.00	20.85 0.77 0.00	20.22 0.79 0.00	20.19 0.79 0.00	21.00 0.70 0.00	19.92 0.80 0.00	20.69 0.95 0.00	19.14 0.90 0.00	15.09 0.72 0.00	15.18 0.71 0.00	8.51 0.40 0.00	9.00 0.49 0.00	11.55 0.72 -0.01	14.80 1.00 0.00	18.80 1.10 0.00	22.34 1.28 0.00	21.64 1.25 0.00	23.61 1.34 0.00	21.82 1.15 0.00	19.98 0.94 0.00
FRANKLIN_FALL_HYD 24054	21.69 0.20 0.00	18.61 0.27 0.00	16.50 0.20 0.00	17.75 0.23 0.00	18.89 0.34 0.00	20.45 0.37 0.00	19.67 0.23 0.00	19.60 0.20 0.00	20.46 0.15 0.00	18.95 -0.16 0.00	19.26 -0.48 0.00	17.80 -0.45 0.00	13.93 -0.45 0.00	14.06 -0.41 0.00	7.86 -0.24 0.00	8.25 -0.26 0.00	10.44 -0.37 0.00	13.45 -0.35 0.00	17.46 -0.25 0.00	21.17 0.10 0.00	20.45 0.05 0.00	22.55 0.27 0.00	20.98 0.31 0.00	19.42 0.38 0.00
FREEPORT_EQUS_GT1 23764	22.47 0.98 0.00	19.12 0.78 0.00	16.93 0.62 0.00	18.18 0.66 0.00	19.20 0.64 0.00	20.73 0.65 0.00	20.11 0.68 0.00	20.08 0.68 0.00	20.88 0.57 0.00	19.79 0.67 0.00	20.53 0.80 0.00	18.99 0.75 0.00	14.96 0.59 0.00	15.04 0.58 0.00	8.44 0.33 0.00	8.92 0.41 0.00	11.45 0.63 0.00	14.69 0.88 0.00	18.66 0.95 0.00	22.19 1.12 0.00	21.50 1.11 0.00	23.46 1.18 0.00	21.69 1.01 0.00	19.85 0.81 0.00
FREEPORT___CT2 23818	22.47 0.98 0.00	19.12 0.78 0.00	16.93 0.62 0.00	18.18 0.66 0.00	19.20 0.64 0.00	20.73 0.65 0.00	20.11 0.68 0.00	20.08 0.68 0.00	20.88 0.57 0.00	19.79 0.67 0.00	20.53 0.80 0.00	18.99 0.75 0.00	14.96 0.59 0.00	15.04 0.58 0.00	8.44 0.33 0.00	8.92 0.41 0.00	11.45 0.63 0.00	14.69 0.88 0.00	18.66 0.95 0.00	22.19 1.12 0.00	21.50 1.11 0.00	23.46 1.18 0.00	21.69 1.01 0.00	19.85 0.81 0.00
FRESHKLS_33_KV_LOAD 356253	22.42 0.93 0.00	19.05 0.71 0.00	16.91 0.60 0.00	18.17 0.66 0.00	19.20 0.65 0.00	20.81 0.72 0.00	20.21 0.78 0.00	20.23 0.83 0.00	21.17 0.86 0.00	20.02 0.91 0.00	20.65 0.92 0.00	19.13 0.89 0.00	15.16 0.78 0.00	15.22 0.76 0.00	8.52 0.42 0.00	9.01 0.50 0.00	11.50 0.68 0.00	14.74 0.94 0.00	18.79 1.09 0.00	22.27 1.20 0.00	21.62 1.22 0.00	23.51 1.23 0.00	21.70 1.03 0.00	19.93 0.89 0.00
FULTON COGEN____ 23766	21.10 -0.39 0.00	17.99 -0.35 0.00	15.99 -0.32 0.00	17.19 -0.33 0.00	18.22 -0.34 0.00	19.73 -0.35 0.00	19.10 -0.34 0.00	19.06 -0.34 0.00	19.99 -0.32 0.00	18.83 -0.29 0.00	19.45 -0.29 0.00	17.94 -0.31 0.00	14.12 -0.25 0.00	14.16 -0.30 0.00	7.93 -0.18 0.00	8.31 -0.20 0.00	10.53 -0.29 0.00	13.45 -0.36 0.00	17.32 -0.39 0.00	20.62 -0.44 0.00	20.00 -0.39 0.00	21.74 -0.53 0.00	20.16 -0.51 0.00	18.57 -0.47 0.00
FULTON___LFGE 323630	23.53 2.04 0.00	20.04 1.71 0.00	17.78 1.48 0.00	19.11 1.59 0.00	20.23 1.68 0.00	21.99 1.91 0.00	21.32 1.89 0.00	21.31 1.92 0.00	22.33 2.02 0.00	20.91 1.80 0.00	21.46 1.73 0.00	19.78 1.54 0.00	15.53 1.16 0.00	15.56 1.09 0.00	8.62 0.52 0.00	9.00 0.49 0.00	11.38 0.56 0.00	14.65 0.84 0.00	19.22 1.52 0.00	23.29 2.23 0.00	22.64 2.25 0.00	24.63 2.36 0.00	22.75 2.08 0.00	20.88 1.84 0.00
G.F.CEMENT___DRP 24184	22.22 0.73 0.00	18.89 0.56 0.00	16.77 0.46 0.00	18.03 0.51 0.00	19.06 0.50 0.00	20.56 0.47 0.00	19.95 0.52 0.00	20.00 0.61 0.00	20.91 0.60 0.00	19.71 0.59 0.00	20.32 0.59 0.00	18.75 0.51 0.00	14.74 0.37 0.00	14.78 0.31 0.00	8.22 0.12 0.00	8.66 0.15 0.00	11.06 0.25 0.00	14.25 0.45 0.00	18.35 0.64 0.00	21.93 0.87 0.00	21.18 0.79 0.00	23.00 0.73 0.00	21.31 0.64 0.00	19.57 0.53 0.00
GARDENVILLE___LBMP 24039	21.72 0.23 0.00	18.58 0.24 0.00	16.46 0.15 0.00	17.71 0.19 0.00	18.92 0.36 0.00	20.60 0.52 0.00	19.80 0.36 0.00	19.55 0.15 0.00	20.59 0.29 0.00	19.36 0.25 0.00	20.01 0.28 0.00	18.36 0.11 0.00	14.49 0.12 0.00	14.56 0.10 0.00	8.20 0.09 0.00	8.52 0.01 0.00	10.68 -0.14 0.00	13.66 -0.14 0.00	17.64 -0.07 0.00	20.84 -0.23 0.00	20.24 -0.16 0.00	21.80 -0.48 0.00	20.24 -0.44 0.00	18.86 -0.18 0.00
GARDNVLA_35_KV_LD 355827	21.81 0.32 0.00	18.66 0.32 0.00	16.54 0.23 0.00	17.79 0.28 0.00	19.00 0.45 0.00	20.69 0.61 0.00	19.89 0.45 0.00	19.63 0.24 0.00	20.70 0.39 0.00	19.45 0.33 0.00	20.10 0.36 0.00	18.44 0.19 0.00	14.56 0.19 0.00	14.62 0.16 0.00	8.23 0.13 0.00	8.56 0.05 0.00	10.72 -0.09 0.00	13.72 -0.08 0.00	17.71 0.01 0.00	20.92 -0.14 0.00	20.33 -0.07 0.00	21.89 -0.38 0.00	20.32 -0.35 0.00	18.94 -0.10 0.00
GELCKHM___115KV_LOAD 80723	21.22 -0.27 0.00	18.09 -0.24 0.00	16.07 -0.23 0.00	17.28 -0.24 0.00	18.32 -0.24 0.00	19.84 -0.24 0.00	19.20 -0.23 0.00	19.16 -0.23 0.00	20.10 -0.21 0.00	18.94 -0.18 0.00	19.55 -0.19 0.00	18.04 -0.20 0.00	14.21 -0.17 0.00	14.26 -0.20 0.00	7.98 -0.12 0.00	8.37 -0.14 0.00	10.62 -0.19 0.00	13.57 -0.24 0.00	17.46 -0.25 0.00	20.76 -0.30 0.00	20.14 -0.25 0.00	21.89 -0.38 0.00	20.29 -0.38 0.00	18.70 -0.34 0.00
GENERAL___MILLS 23808	21.78 0.30 0.00	18.63 0.29 0.00	16.51 0.21 0.00	17.77 0.25 0.00	18.98 0.42 0.00	20.66 0.58 0.00	19.86 0.42 0.00	19.61 0.21 0.00	20.66 0.35 0.00	19.42 0.31 0.00	20.07 0.33 0.00	18.41 0.16 0.00	14.53 0.16 0.00	14.60 0.14 0.00	8.22 0.11 0.00	8.55 0.04 0.00	10.70 -0.11 0.00	13.70 -0.11 0.00	17.68 -0.02 0.00	20.90 -0.17 0.00	20.29 -0.11 0.00	21.85 -0.42 0.00	20.29 -0.38 0.00	18.92 -0.12 0.00
GE_PLASTICS___DRP 24183	21.91 0.42 0.00	18.67 0.34 0.00	16.62 0.31 0.00	17.85 0.33 0.00	18.87 0.32 0.00	20.38 0.30 0.00	19.75 0.31 0.00	19.72 0.33 0.00	20.64 0.33 0.00	19.47 0.36 0.00	20.14 0.41 0.00	18.61 0.37 0.00	14.67 0.30 0.00	14.76 0.29 0.00	8.26 0.16 0.00	8.69 0.18 0.00	11.08 0.26 0.00	14.13 0.33 0.00	18.03 0.32 0.00	21.33 0.27 0.00	20.67 0.28 0.00	22.58 0.31 0.00	20.94 0.27 0.00	19.30 0.26 0.00
GILBOA___1 23756	21.80 0.31 0.00	18.56 0.22 0.00	16.56 0.25 0.00	17.79 0.28 0.00	18.79 0.24 0.00	20.28 0.19 0.00	19.65 0.21 0.00	19.63 0.23 0.00	20.56 0.25 0.00	19.39 0.28 0.00	20.04 0.31 0.00	18.60 0.36 0.00	14.68 0.30 0.00	14.79 0.32 0.00	8.33 0.23 0.00	8.77 0.26 0.00	11.18 0.36 0.00	14.11 0.30 0.00	18.05 0.34 0.00	21.43 0.37 0.00	20.77 0.37 0.00	22.63 0.36 0.00	20.97 0.29 0.00	19.30 0.26 0.00
GILBOA___2 23757	21.80 0.31 0.00	18.56 0.22 0.00	16.56 0.25 0.00	17.79 0.28 0.00	18.79 0.24 0.00	20.28 0.19 0.00	19.65 0.21 0.00	19.63 0.23 0.00	20.56 0.25 0.00	19.39 0.28 0.00	20.04 0.31 0.00	18.60 0.36 0.00	14.68 0.30 0.00	14.79 0.32 0.00	8.33 0.23 0.00	8.77 0.26 0.00	11.18 0.36 0.00	14.11 0.30 0.00	18.05 0.34 0.00	21.43 0.37 0.00	20.77 0.37 0.00	22.63 0.36 0.00	20.97 0.29 0.00	19.30 0.26 0.00

GILBOA___3 23758	21.80 0.31 0.00	18.56 0.22 0.00	16.56 0.25 0.00	17.79 0.28 0.00	18.79 0.24 0.00	20.28 0.19 0.00	19.65 0.21 0.00	19.63 0.23 0.00	20.56 0.25 0.00	19.39 0.28 0.00	20.04 0.31 0.00	18.60 0.36 0.00	14.68 0.30 0.00	14.79 0.32 0.00	8.33 0.23 0.00	8.77 0.26 0.00	11.18 0.36 0.00	14.11 0.30 0.00	18.05 0.34 0.00	21.43 0.37 0.00	20.77 0.37 0.00	22.63 0.36 0.00	20.97 0.29 0.00	19.30 0.26 0.00
GILBOA___4 23759	21.80 0.31 0.00	18.56 0.22 0.00	16.56 0.25 0.00	17.79 0.28 0.00	18.79 0.24 0.00	20.28 0.19 0.00	19.65 0.21 0.00	19.63 0.23 0.00	20.56 0.25 0.00	19.39 0.28 0.00	20.04 0.31 0.00	18.60 0.36 0.00	14.68 0.30 0.00	14.79 0.32 0.00	8.33 0.23 0.00	8.77 0.26 0.00	11.18 0.36 0.00	14.11 0.30 0.00	18.05 0.34 0.00	21.43 0.37 0.00	20.77 0.37 0.00	22.63 0.36 0.00	20.97 0.29 0.00	19.30 0.26 0.00
GILBOA___ 23599	21.80 0.31 0.00	18.56 0.22 0.00	16.56 0.25 0.00	17.79 0.28 0.00	18.79 0.24 0.00	20.28 0.19 0.00	19.65 0.21 0.00	19.63 0.23 0.00	20.56 0.25 0.00	19.39 0.28 0.00	20.04 0.31 0.00	18.60 0.36 0.00	14.68 0.30 0.00	14.79 0.32 0.00	8.33 0.23 0.00	8.77 0.25 0.00	11.18 0.36 0.00	14.11 0.30 0.00	18.04 0.34 0.00	21.43 0.37 0.00	20.77 0.37 0.00	22.64 0.36 0.00	20.97 0.29 0.00	19.30 0.26 0.00
GINNA___ 23603	20.48 -1.01 0.00	17.50 -0.84 0.00	15.54 -0.77 0.00	16.70 -0.81 0.00	17.77 -0.79 0.00	19.29 -0.79 0.00	18.63 -0.81 0.00	18.47 -0.92 0.00	19.41 -0.90 0.00	18.26 -0.86 0.00	18.84 -0.89 0.00	17.32 -0.93 0.00	13.62 -0.75 0.00	13.68 -0.79 0.00	7.67 -0.43 0.00	8.02 -0.50 0.00	10.11 -0.70 0.00	12.94 -0.86 0.00	16.71 -1.00 0.00	19.85 -1.22 0.00	19.25 -1.14 0.00	20.82 -1.45 0.00	19.31 -1.37 0.00	17.88 -1.16 0.00
GLEN PARK___ 23778	21.23 -0.25 0.00	17.95 -0.39 0.00	16.05 -0.26 0.00	17.39 -0.12 0.00	18.56 0.00 0.00	20.17 0.08 0.00	19.48 0.04 0.00	19.42 0.03 0.00	20.35 0.04 0.00	18.87 -0.25 0.00	19.12 -0.61 0.00	17.46 -0.78 0.00	13.60 -0.77 0.00	13.60 -0.86 0.00	7.54 -0.57 0.00	7.86 -0.65 0.00	10.04 -0.77 0.00	12.94 -0.87 0.00	17.01 -0.70 0.00	20.83 -0.23 0.00	20.29 -0.10 0.00	21.98 -0.29 0.00	20.46 -0.22 0.00	18.79 -0.25 0.00
GLENDALE_27_KV_LOAD 356172	22.40 0.92 0.00	19.04 0.70 0.00	16.89 0.59 0.00	18.15 0.64 0.00	19.17 0.61 0.00	20.74 0.65 0.00	20.15 0.71 0.00	20.19 0.79 0.00	21.12 0.82 0.00	20.00 0.89 0.00	20.67 0.93 0.00	19.18 0.93 0.00	15.19 0.82 0.00	15.29 0.82 0.00	8.56 0.45 0.00	9.04 0.53 0.00	11.53 0.71 0.00	14.75 0.95 0.00	18.76 1.06 0.00	22.22 1.15 0.00	21.56 1.16 0.00	23.43 1.16 0.00	21.63 0.96 0.00	19.86 0.82 0.00
GLENWOOD_IC_1_G5 23712	22.38 0.90 0.00	19.03 0.69 0.00	16.87 0.57 0.00	18.13 0.61 0.00	19.15 0.59 0.00	20.70 0.61 0.00	20.09 0.65 0.00	20.08 0.68 0.00	20.96 0.65 0.00	19.84 0.72 0.00	20.55 0.81 0.00	19.02 0.78 0.00	15.03 0.65 0.00	15.11 0.65 0.00	8.47 0.37 0.00	8.95 0.44 0.00	11.45 0.63 0.00	14.67 0.87 0.00	18.66 0.95 0.00	22.16 1.09 0.00	21.47 1.08 0.00	23.39 1.12 0.00	21.61 0.93 0.00	19.81 0.77 0.00
GLENWOOD_IC_2_G1 23688	22.29 0.80 0.00	18.95 0.61 0.00	16.81 0.50 0.00	18.07 0.55 0.00	19.09 0.53 0.00	20.63 0.54 0.00	20.02 0.58 0.00	20.03 0.63 0.00	20.91 0.61 0.00	19.79 0.68 0.00	20.49 0.76 0.00	18.98 0.73 0.00	15.00 0.63 0.00	15.09 0.62 0.00	8.45 0.35 0.00	8.93 0.42 0.00	11.41 0.59 0.00	14.61 0.81 0.00	18.60 0.90 0.00	22.08 1.01 0.00	21.40 1.01 0.00	23.30 1.03 0.00	21.53 0.85 0.00	19.74 0.70 0.00
GLENWOOD_IC_3_G1 23689	22.29 0.80 0.00	18.95 0.61 0.00	16.81 0.50 0.00	18.07 0.55 0.00	19.09 0.53 0.00	20.63 0.54 0.00	20.02 0.58 0.00	20.03 0.63 0.00	20.91 0.61 0.00	19.79 0.68 0.00	20.49 0.76 0.00	18.98 0.73 0.00	15.00 0.63 0.00	15.09 0.62 0.00	8.45 0.35 0.00	8.93 0.42 0.00	11.41 0.59 0.00	14.61 0.81 0.00	18.60 0.90 0.00	22.08 1.01 0.00	21.40 1.01 0.00	23.30 1.03 0.00	21.53 0.85 0.00	19.74 0.70 0.00
GLENWOOD___4 23550	22.38 0.90 0.00	19.03 0.69 0.00	16.87 0.57 0.00	18.13 0.61 0.00	19.15 0.59 0.00	20.70 0.61 0.00	20.09 0.65 0.00	20.08 0.68 0.00	20.96 0.65 0.00	19.84 0.72 0.00	20.55 0.81 0.00	19.02 0.78 0.00	15.03 0.65 0.00	15.11 0.65 0.00	8.47 0.37 0.00	8.95 0.44 0.00	11.45 0.63 0.00	14.67 0.87 0.00	18.66 0.95 0.00	22.16 1.09 0.00	21.47 1.08 0.00	23.39 1.12 0.00	21.61 0.93 0.00	19.81 0.77 0.00
GLENWOOD___5 23614	22.38 0.90 0.00	19.03 0.69 0.00	16.87 0.57 0.00	18.13 0.61 0.00	19.15 0.59 0.00	20.70 0.61 0.00	20.09 0.65 0.00	20.08 0.68 0.00	20.96 0.65 0.00	19.84 0.72 0.00	20.55 0.81 0.00	19.02 0.78 0.00	15.03 0.65 0.00	15.11 0.65 0.00	8.47 0.37 0.00	8.95 0.44 0.00	11.45 0.63 0.00	14.67 0.87 0.00	18.66 0.95 0.00	22.16 1.09 0.00	21.47 1.08 0.00	23.39 1.12 0.00	21.61 0.93 0.00	19.81 0.77 0.00
GLOBAL GREEN_PORT_GT1 23814	22.95 1.46 0.00	19.76 1.42 0.00	17.49 1.18 0.00	18.75 1.23 0.00	19.84 1.28 0.00	21.39 1.30 0.00	20.81 1.37 0.00	20.77 1.37 0.00	21.50 1.19 0.00	20.30 1.19 0.00	21.01 1.28 0.00	19.37 1.12 0.00	15.18 0.81 0.00	15.08 0.61 0.00	8.40 0.30 0.00	8.88 0.37 0.00	11.41 0.60 0.00	14.78 0.98 0.00	18.85 1.15 0.00	22.50 1.44 0.00	21.84 1.44 0.00	24.00 1.73 0.00	22.35 1.68 0.00	20.44 1.40 0.00
GLOBE___DSASP 323697	21.09 -0.40 0.00	18.10 -0.24 0.00	16.07 -0.24 0.00	17.28 -0.24 0.00	18.45 -0.10 0.00	20.09 0.01 0.00	19.25 -0.19 0.00	18.81 -0.59 0.00	19.80 -0.51 0.00	18.56 -0.55 0.00	19.19 -0.54 0.00	17.61 -0.64 0.00	13.92 -0.45 0.00	14.01 -0.45 0.00	7.91 -0.20 0.00	8.21 -0.30 0.00	10.25 -0.56 0.00	13.11 -0.69 0.00	16.90 -0.81 0.00	19.94 -1.13 0.00	19.36 -1.03 0.00	20.82 -1.46 0.00	19.36 -1.31 0.00	18.14 -0.90 0.00
GOETHSLN___LBMP 323567	22.18 0.69 0.00	18.84 0.50 0.00	16.73 0.42 0.00	17.98 0.47 0.00	19.00 0.44 0.00	20.56 0.48 0.00	19.96 0.53 0.00	20.01 0.62 0.00	20.94 0.63 0.00	19.81 0.70 0.00	20.47 0.74 0.00	18.99 0.75 0.00	15.04 0.67 0.00	15.13 0.67 0.00	8.47 0.37 0.00	8.95 0.43 0.00	11.42 0.60 0.00	14.61 0.81 0.00	18.60 0.90 0.00	22.02 0.96 0.00	21.37 0.98 0.00	23.24 0.96 0.00	21.44 0.77 0.00	19.68 0.64 0.00
GOLAH___69_KV_TB 1_2 80279	21.66 0.18 0.00	18.52 0.18 0.00	16.44 0.13 0.00	17.69 0.17 0.00	18.84 0.28 0.00	20.46 0.38 0.00	19.72 0.29 0.00	19.52 0.12 0.00	20.52 0.21 0.00	19.29 0.17 0.00	19.92 0.19 0.00	18.28 0.03 0.00	14.38 0.01 0.00	14.43 -0.03 0.00	8.10 -0.01 0.00	8.45 -0.06 0.00	10.62 -0.19 0.00	13.60 -0.21 0.00	17.59 -0.12 0.00	20.88 -0.18 0.00	20.29 -0.11 0.00	21.90 -0.37 0.00	20.31 -0.36 0.00	18.87 -0.17 0.00

GOODYEAR_LAKE_HYD 323669	22.25 0.76 0.00	18.91 0.57 0.00	16.83 0.52 0.00	18.08 0.57 0.00	19.12 0.56 0.00	20.77 0.68 0.00	20.09 0.65 0.00	20.06 0.66 0.00	21.01 0.71 0.00	19.81 0.70 0.00	20.44 0.71 0.00	18.93 0.69 0.00	14.91 0.54 0.00	15.00 0.54 0.00	8.42 0.31 0.00	8.83 0.32 0.00	11.22 0.41 0.00	14.29 0.48 0.00	18.41 0.70 0.00	21.98 0.92 0.00	21.33 0.94 0.00	23.22 0.94 0.00	21.47 0.80 0.00	19.74 0.70 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.61 0.12 0.00	18.33 0.00 0.00	16.28 -0.03 0.00	17.54 0.02 0.00	18.58 0.03 0.00	20.17 0.08 0.00	19.51 0.07 0.00	19.51 0.12 0.00	20.49 0.18 0.00	19.35 0.23 0.00	19.95 0.21 0.00	18.43 0.19 0.00	14.53 0.16 0.00	14.59 0.13 0.00	8.18 0.07 0.00	8.58 0.07 0.00	10.90 0.09 0.00	13.90 0.10 0.00	17.93 0.23 0.00	21.30 0.24 0.00	20.65 0.25 0.00	22.46 0.19 0.00	20.80 0.12 0.00	19.07 0.03 0.00
GOUDEY___7 23579	21.63 0.14 0.00	18.35 0.01 0.00	16.28 -0.02 0.00	17.55 0.03 0.00	18.59 0.04 0.00	20.18 0.09 0.00	19.52 0.09 0.00	19.53 0.13 0.00	20.51 0.20 0.00	19.36 0.25 0.00	19.97 0.23 0.00	18.45 0.21 0.00	14.54 0.17 0.00	14.61 0.14 0.00	8.18 0.08 0.00	8.59 0.08 0.00	10.91 0.09 0.00	13.91 0.11 0.00	17.95 0.24 0.00	21.32 0.26 0.00	20.67 0.27 0.00	22.48 0.21 0.00	20.81 0.14 0.00	19.09 0.05 0.00
GOUDEY___8 23580	21.61 0.12 0.00	18.33 0.00 0.00	16.28 -0.03 0.00	17.54 0.02 0.00	18.58 0.03 0.00	20.17 0.08 0.00	19.51 0.07 0.00	19.51 0.12 0.00	20.49 0.18 0.00	19.35 0.23 0.00	19.95 0.21 0.00	18.43 0.19 0.00	14.53 0.16 0.00	14.59 0.13 0.00	8.18 0.07 0.00	8.58 0.07 0.00	10.90 0.09 0.00	13.90 0.10 0.00	17.93 0.23 0.00	21.30 0.24 0.00	20.65 0.25 0.00	22.46 0.19 0.00	20.80 0.12 0.00	19.07 0.03 0.00
GOWANUS_GT1_1 24077	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.74 0.94 0.00	18.77 1.06 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT1_2 24078	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.74 0.94 0.00	18.77 1.06 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT1_3 24079	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.74 0.94 0.00	18.77 1.06 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT1_4 24080	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.74 0.94 0.00	18.77 1.06 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT1_5 24084	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.74 0.94 0.00	18.77 1.06 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT1_6 24111	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.74 0.94 0.00	18.77 1.06 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT1_7 24112	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.74 0.94 0.00	18.77 1.06 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT1_8 24113	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.74 0.94 0.00	18.77 1.06 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT2_1 24114	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT2_2 24115	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT2_3 24116	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00

GOWANUS_GT2_4 24117	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT2_5 24118	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT2_6 24119	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT2_7 24120	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT2_8 24121	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT3_1 24122	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT3_2 24123	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT3_3 24124	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT3_4 24125	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT3_5 24126	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT3_6 24127	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT3_7 24128	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT3_8 24129	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT4_1 24130	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.74 0.94 0.00	18.77 1.06 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT4_2 24131	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.74 0.94 0.00	18.77 1.06 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00

GOWANUS_GT4_3 24132	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.74 0.94 0.00	18.77 1.06 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT4_4 24133	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.74 0.94 0.00	18.77 1.06 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT4_5 24134	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.74 0.94 0.00	18.77 1.06 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT4_6 24135	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.74 0.94 0.00	18.77 1.06 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT4_7 24136	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.74 0.94 0.00	18.77 1.06 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GOWANUS_GT4_8 24137	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.74 0.94 0.00	18.77 1.06 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GREENBSH_115KV_TB3 55895	21.97 0.48 0.00	18.72 0.38 0.00	16.65 0.35 0.00	17.88 0.37 0.00	18.91 0.35 0.00	20.42 0.34 0.00	19.79 0.35 0.00	19.76 0.36 0.00	20.67 0.37 0.00	19.51 0.40 0.00	20.20 0.46 0.00	18.65 0.41 0.00	14.70 0.32 0.00	14.78 0.31 0.00	8.26 0.16 0.00	8.69 0.18 0.00	11.08 0.26 0.00	14.15 0.35 0.00	18.02 0.31 0.00	21.27 0.21 0.00	20.61 0.22 0.00	22.55 0.28 0.00	20.92 0.25 0.00	19.29 0.25 0.00
GREENDGE_115KV_TB5 80291	21.69 0.21 0.00	18.41 0.07 0.00	16.29 -0.02 0.00	17.55 0.03 0.00	18.60 0.05 0.00	20.19 0.10 0.00	19.55 0.12 0.00	19.59 0.20 0.00	20.64 0.33 0.00	19.44 0.32 0.00	20.04 0.31 0.00	18.46 0.22 0.00	14.52 0.15 0.00	14.49 0.03 0.00	8.12 0.01 0.00	8.47 -0.04 0.00	10.74 -0.07 0.00	13.75 -0.05 0.00	17.90 0.19 0.00	21.35 0.29 0.00	20.74 0.34 0.00	22.53 0.25 0.00	20.84 0.17 0.00	19.11 0.07 0.00
GREENIDGE___3 23582	21.69 0.21 0.00	18.41 0.07 0.00	16.29 -0.02 0.00	17.55 0.03 0.00	18.60 0.05 0.00	20.19 0.10 0.00	19.55 0.12 0.00	19.59 0.20 0.00	20.64 0.33 0.00	19.44 0.32 0.00	20.04 0.31 0.00	18.46 0.22 0.00	14.52 0.15 0.00	14.49 0.03 0.00	8.12 0.01 0.00	8.47 -0.04 0.00	10.74 -0.07 0.00	13.75 -0.05 0.00	17.90 0.19 0.00	21.35 0.29 0.00	20.74 0.34 0.00	22.53 0.25 0.00	20.84 0.17 0.00	19.11 0.07 0.00
GREENIDGE___4 23583	21.69 0.21 0.00	18.41 0.08 0.00	16.29 -0.02 0.00	17.55 0.03 0.00	18.60 0.05 0.00	20.19 0.10 0.00	19.55 0.12 0.00	19.59 0.20 0.00	20.64 0.33 0.00	19.44 0.32 0.00	20.04 0.31 0.00	18.46 0.22 0.00	14.52 0.15 0.00	14.49 0.03 0.00	8.12 0.01 0.00	8.47 -0.04 0.00	10.74 -0.07 0.00	13.75 -0.05 0.00	17.89 0.19 0.00	21.35 0.29 0.00	20.74 0.34 0.00	22.53 0.25 0.00	20.84 0.17 0.00	19.11 0.07 0.00
GREENLWN_69_KV_BK 3 55738	22.33 0.84 0.00	19.03 0.69 0.00	16.84 0.53 0.00	18.08 0.57 0.00	19.10 0.55 0.00	20.60 0.51 0.00	19.98 0.55 0.00	19.90 0.51 0.00	20.70 0.39 0.00	19.63 0.51 0.00	20.42 0.69 0.00	18.88 0.64 0.00	14.87 0.50 0.00	14.95 0.49 0.00	8.38 0.28 0.00	8.86 0.35 0.00	11.36 0.55 0.00	14.59 0.78 0.00	18.51 0.81 0.00	21.98 0.92 0.00	21.27 0.88 0.00	23.26 0.98 0.00	21.50 0.82 0.00	19.69 0.65 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.74 0.94 0.00	18.77 1.06 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
GRISSOM___SOLAR 323813	23.53 2.04 0.00	20.04 1.71 0.00	17.78 1.48 0.00	19.11 1.59 0.00	20.23 1.68 0.00	21.99 1.91 0.00	21.32 1.89 0.00	21.31 1.92 0.00	22.33 2.02 0.00	20.91 1.80 0.00	21.46 1.73 0.00	19.78 1.54 0.00	15.53 1.16 0.00	15.56 1.09 0.00	8.62 0.52 0.00	9.00 0.49 0.00	11.38 0.56 0.00	14.65 0.84 0.00	19.22 1.52 0.00	23.29 2.23 0.00	22.64 2.25 0.00	24.63 2.36 0.00	22.75 2.08 0.00	20.88 1.84 0.00
GROVEVILLE___HYD 323602	22.43 0.94 0.00	19.05 0.71 0.00	16.92 0.61 0.00	18.18 0.66 0.00	19.22 0.66 0.00	20.81 0.73 0.00	20.20 0.76 0.00	20.22 0.82 0.00	21.15 0.84 0.00	19.96 0.84 0.00	20.60 0.86 0.00	19.07 0.83 0.00	15.05 0.68 0.00	15.14 0.68 0.00	8.48 0.38 0.00	8.95 0.44 0.00	11.43 0.62 0.00	14.65 0.85 0.00	18.71 1.01 0.00	22.25 1.18 0.00	21.58 1.19 0.00	23.47 1.20 0.00	21.68 1.01 0.00	19.89 0.85 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.37 -0.12 0.00	18.21 -0.12 0.00	16.18 -0.13 0.00	17.39 -0.13 0.00	18.44 -0.12 0.00	19.97 -0.11 0.00	19.33 -0.10 0.00	19.30 -0.09 0.00	20.25 -0.06 0.00	19.07 -0.04 0.00	19.68 -0.05 0.00	18.17 -0.07 0.00	14.31 -0.06 0.00	14.35 -0.11 0.00	8.03 -0.07 0.00	8.42 -0.09 0.00	10.69 -0.12 0.00	13.66 -0.14 0.00	17.59 -0.11 0.00	20.93 -0.14 0.00	20.29 -0.10 0.00	22.07 -0.21 0.00	20.45 -0.23 0.00	18.83 -0.21 0.00

HAMLTNNY_34_KV_TB 80303	21.40 -0.08 0.00	18.24 -0.10 0.00	16.20 -0.11 0.00	17.40 -0.12 0.00	18.47 -0.09 0.00	19.99 -0.09 0.00	19.35 -0.08 0.00	19.32 -0.07 0.00	20.27 -0.03 0.00	19.10 -0.02 0.00	19.70 -0.03 0.00	18.18 -0.06 0.00	14.31 -0.06 0.00	14.36 -0.11 0.00	8.03 -0.07 0.00	8.42 -0.09 0.00	10.69 -0.13 0.00	13.66 -0.15 0.00	17.61 -0.10 0.00	20.94 -0.12 0.00	20.32 -0.08 0.00	22.07 -0.20 0.00	20.45 -0.22 0.00	18.84 -0.21 0.00
HAMPSHIRE___PAPER_HYD 323593	21.07 -0.42 0.00	17.94 -0.40 0.00	16.00 -0.30 0.00	17.26 -0.26 0.00	18.38 -0.18 0.00	19.95 -0.13 0.00	19.23 -0.20 0.00	19.17 -0.23 0.00	20.05 -0.26 0.00	18.67 -0.45 0.00	19.11 -0.62 0.00	17.58 -0.67 0.00	13.74 -0.63 0.00	13.79 -0.67 0.00	7.68 -0.42 0.00	8.03 -0.49 0.00	10.22 -0.60 0.00	13.14 -0.66 0.00	17.11 -0.60 0.00	20.71 -0.35 0.00	20.01 -0.38 0.00	21.91 -0.37 0.00	20.39 -0.28 0.00	18.79 -0.26 0.00
HARDSCRABBLE_WT_PWR 323673	21.29 -0.20 0.00	18.06 -0.28 0.00	16.02 -0.28 0.00	17.17 -0.35 0.00	18.13 -0.43 0.00	19.65 -0.43 0.00	19.08 -0.36 0.00	19.04 -0.36 0.00	19.90 -0.41 0.00	18.82 -0.30 0.00	19.30 -0.43 0.00	17.86 -0.38 0.00	14.06 -0.31 0.00	14.17 -0.30 0.00	7.93 -0.17 0.00	8.32 -0.19 0.00	10.63 -0.19 0.00	13.54 -0.26 0.00	17.40 -0.31 0.00	20.77 -0.30 0.00	20.31 -0.08 0.00	22.16 -0.12 0.00	20.55 -0.13 0.00	18.84 -0.20 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.21 0.72 0.00	18.84 0.50 0.00	16.72 0.42 0.00	17.98 0.47 0.00	19.01 0.46 0.00	20.59 0.50 0.00	19.99 0.56 0.00	20.01 0.62 0.00	20.92 0.62 0.00	19.77 0.65 0.00	20.41 0.68 0.00	18.90 0.66 0.00	14.94 0.57 0.00	15.04 0.58 0.00	8.42 0.32 0.00	8.89 0.38 0.00	11.35 0.53 0.00	14.53 0.73 0.00	18.54 0.84 0.00	22.02 0.95 0.00	21.36 0.96 0.00	23.24 0.97 0.00	21.46 0.79 0.00	19.69 0.65 0.00
HARSNRAD_115KV_TB1 81005	21.48 -0.01 0.00	18.41 0.08 0.00	16.35 0.04 0.00	17.57 0.05 0.00	18.77 0.21 0.00	20.39 0.31 0.00	19.55 0.12 0.00	19.23 -0.17 0.00	20.27 -0.04 0.00	19.02 -0.10 0.00	19.66 -0.07 0.00	18.02 -0.22 0.00	14.24 -0.14 0.00	14.30 -0.16 0.00	8.06 -0.05 0.00	8.37 -0.14 0.00	10.46 -0.36 0.00	13.38 -0.42 0.00	17.29 -0.42 0.00	20.42 -0.64 0.00	19.84 -0.55 0.00	21.34 -0.94 0.00	19.83 -0.84 0.00	18.60 -0.44 0.00
HARZA MOOSE___RIVER 24016	21.61 0.12 0.00	18.33 0.00 0.00	16.36 0.05 0.00	17.65 0.13 0.00	18.78 0.22 0.00	20.37 0.28 0.00	19.70 0.26 0.00	19.66 0.26 0.00	20.60 0.29 0.00	19.29 0.18 0.00	19.82 0.09 0.00	18.24 0.00 0.00	14.27 -0.11 0.00	14.27 -0.19 0.00	7.94 -0.17 0.00	8.29 -0.22 0.00	10.57 -0.25 0.00	13.57 -0.23 0.00	17.65 -0.05 0.00	21.31 0.24 0.00	20.61 0.22 0.00	22.40 0.13 0.00	20.82 0.14 0.00	19.15 0.12 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	21.23 -0.26 0.00	18.10 -0.23 0.00	16.08 -0.22 0.00	17.29 -0.23 0.00	18.33 -0.23 0.00	19.85 -0.23 0.00	19.22 -0.22 0.00	19.18 -0.22 0.00	20.11 -0.20 0.00	18.95 -0.16 0.00	19.57 -0.17 0.00	18.06 -0.18 0.00	14.22 -0.15 0.00	14.28 -0.19 0.00	7.99 -0.12 0.00	8.38 -0.13 0.00	10.64 -0.18 0.00	13.58 -0.22 0.00	17.47 -0.23 0.00	20.78 -0.28 0.00	20.16 -0.23 0.00	21.91 -0.36 0.00	20.31 -0.37 0.00	18.71 -0.33 0.00
HELLGATE_13_KV_LD 55870	22.34 0.85 0.00	18.99 0.65 0.00	16.85 0.54 0.00	18.10 0.59 0.00	19.12 0.56 0.00	20.67 0.59 0.00	20.09 0.66 0.00	20.13 0.73 0.00	21.06 0.75 0.00	19.93 0.82 0.00	20.59 0.86 0.00	19.12 0.88 0.00	15.14 0.77 0.00	15.24 0.78 0.00	8.53 0.42 0.00	9.01 0.49 0.00	11.49 0.67 0.00	14.70 0.89 0.00	18.69 0.98 0.00	22.11 1.05 0.00	21.47 1.08 0.00	23.33 1.05 0.00	21.54 0.87 0.00	19.78 0.74 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.34 0.85 0.00	18.99 0.65 0.00	16.85 0.54 0.00	18.10 0.59 0.00	19.12 0.56 0.00	20.67 0.59 0.00	20.09 0.66 0.00	20.13 0.73 0.00	21.06 0.75 0.00	19.93 0.82 0.00	20.59 0.86 0.00	19.12 0.88 0.00	15.14 0.77 0.00	15.24 0.78 0.00	8.53 0.42 0.00	9.01 0.49 0.00	11.49 0.67 0.00	14.70 0.89 0.00	18.69 0.98 0.00	22.11 1.05 0.00	21.47 1.08 0.00	23.33 1.05 0.00	21.54 0.87 0.00	19.78 0.74 0.00
HEMPSTEAD____ 23647	22.34 0.86 0.00	19.01 0.67 0.00	16.84 0.54 0.00	18.09 0.57 0.00	19.11 0.55 0.00	20.64 0.55 0.00	20.03 0.59 0.00	20.00 0.60 0.00	20.83 0.52 0.00	19.73 0.61 0.00	20.45 0.72 0.00	18.92 0.67 0.00	14.91 0.54 0.00	14.99 0.53 0.00	8.41 0.30 0.00	8.89 0.38 0.00	11.39 0.57 0.00	14.61 0.80 0.00	18.56 0.85 0.00	22.06 0.99 0.00	21.37 0.98 0.00	23.30 1.03 0.00	21.54 0.86 0.00	19.72 0.68 0.00
HEWLETT_69_KV_BK3 55828	22.52 1.03 0.00	19.15 0.82 0.00	16.95 0.65 0.00	18.22 0.70 0.00	19.24 0.69 0.00	20.77 0.69 0.00	20.14 0.71 0.00	20.10 0.70 0.00	20.92 0.61 0.00	19.84 0.72 0.00	20.61 0.88 0.00	19.07 0.82 0.00	15.04 0.67 0.00	15.12 0.66 0.00	8.48 0.37 0.00	8.97 0.46 0.00	11.51 0.68 -0.01	14.74 0.94 0.00	18.72 1.02 0.00	22.24 1.17 0.00	21.54 1.15 0.00	23.51 1.24 0.00	21.72 1.05 0.00	19.91 0.87 0.00
HICKLING___1 23621	21.73 0.24 0.00	18.38 0.04 0.00	16.22 -0.08 0.00	17.53 0.02 0.00	18.56 0.01 0.00	20.17 0.08 0.00	19.53 0.09 0.00	19.62 0.22 0.00	20.68 0.37 0.00	19.58 0.46 0.00	20.17 0.44 0.00	18.63 0.39 0.00	14.68 0.31 0.00	14.69 0.23 0.00	8.22 0.11 0.00	8.60 0.09 0.00	10.92 0.10 0.00	13.96 0.15 0.00	18.12 0.42 0.00	21.54 0.47 0.00	20.89 0.50 0.00	22.72 0.45 0.00	21.01 0.34 0.00	19.18 0.14 0.00
HICKLING___2 23622	21.73 0.24 0.00	18.38 0.04 0.00	16.22 -0.08 0.00	17.53 0.02 0.00	18.56 0.01 0.00	20.17 0.08 0.00	19.53 0.09 0.00	19.62 0.22 0.00	20.68 0.37 0.00	19.58 0.46 0.00	20.17 0.44 0.00	18.63 0.39 0.00	14.68 0.31 0.00	14.69 0.23 0.00	8.22 0.11 0.00	8.60 0.09 0.00	10.92 0.10 0.00	13.96 0.15 0.00	18.12 0.42 0.00	21.54 0.47 0.00	20.89 0.50 0.00	22.72 0.45 0.00	21.01 0.34 0.00	19.18 0.14 0.00
HIGH FALLS___HY 23754	22.28 0.79 0.00	18.91 0.57 0.00	16.79 0.48 0.00	18.04 0.53 0.00	19.08 0.52 0.00	20.68 0.60 0.00	20.09 0.65 0.00	20.12 0.73 0.00	21.03 0.72 0.00	19.78 0.67 0.00	20.35 0.62 0.00	18.88 0.63 0.00	14.88 0.51 0.00	14.98 0.52 0.00	8.40 0.30 0.00	8.87 0.36 0.00	11.35 0.53 0.00	14.55 0.74 0.00	18.63 0.93 0.00	22.23 1.17 0.00	21.59 1.19 0.00	23.45 1.18 0.00	21.64 0.97 0.00	19.82 0.78 0.00
HILLBURN___GT 23639	22.20 0.71 0.00	18.81 0.48 0.00	16.70 0.39 0.00	17.96 0.45 0.00	18.99 0.43 0.00	20.58 0.49 0.00	19.98 0.55 0.00	20.00 0.61 0.00	20.92 0.61 0.00	19.77 0.65 0.00	20.42 0.69 0.00	18.93 0.68 0.00	14.97 0.60 0.00	15.07 0.61 0.00	8.44 0.33 0.00	8.91 0.40 0.00	11.36 0.55 0.00	14.55 0.74 0.00	18.55 0.84 0.00	22.02 0.96 0.00	21.36 0.97 0.00	23.24 0.97 0.00	21.46 0.79 0.00	19.68 0.64 0.00

HILLSIDE_115KV_TB1 80332	21.40 -0.08 0.00	18.09 -0.24 0.00	15.99 -0.31 0.00	17.30 -0.21 0.00	18.32 -0.23 0.00	19.92 -0.16 0.00	19.27 -0.16 0.00	19.35 -0.05 0.00	20.37 0.06 0.00	19.30 0.18 0.00	19.88 0.15 0.00	18.38 0.13 0.00	14.49 0.12 0.00	14.52 0.06 0.00	8.13 0.03 0.00	8.52 0.01 0.00	10.82 0.00 0.00	13.79 -0.01 0.00	17.87 0.17 0.00	21.22 0.15 0.00	20.57 0.18 0.00	22.38 0.11 0.00	20.70 0.03 0.00	18.88 -0.16 0.00
HISHELDN_WT_PWR 323625	21.58 0.09 0.00	18.47 0.13 0.00	16.34 0.04 0.00	17.56 0.04 0.00	18.78 0.23 0.00	20.47 0.39 0.00	19.69 0.26 0.00	19.45 0.05 0.00	20.49 0.19 0.00	19.25 0.14 0.00	19.89 0.16 0.00	18.25 0.01 0.00	14.41 0.04 0.00	14.47 0.00 0.00	8.14 0.03 0.00	8.46 -0.05 0.00	10.59 -0.23 0.00	13.56 -0.24 0.00	17.50 -0.21 0.00	20.71 -0.35 0.00	20.12 -0.28 0.00	21.66 -0.61 0.00	20.11 -0.56 0.00	18.76 -0.28 0.00
HOLTSVILLE_IC_1 23690	22.55 1.07 0.00	19.26 0.92 0.00	17.04 0.74 0.00	18.30 0.78 0.00	19.33 0.78 0.00	20.84 0.76 0.00	20.24 0.80 0.00	20.19 0.80 0.00	20.94 0.64 0.00	19.83 0.71 0.00	20.56 0.82 0.00	18.99 0.75 0.00	14.94 0.57 0.00	14.99 0.53 0.00	8.40 0.29 0.00	8.89 0.38 0.00	11.42 0.60 0.00	14.73 0.93 0.00	18.69 0.98 0.00	22.24 1.18 0.00	21.54 1.15 0.00	23.52 1.25 0.00	21.80 1.13 0.00	19.93 0.89 0.00
HOLTSVILLE_IC_10 23699	22.65 1.16 0.00	19.34 1.00 0.00	17.11 0.80 0.00	18.37 0.85 0.00	19.41 0.85 0.00	20.92 0.84 0.00	20.31 0.88 0.00	20.27 0.88 0.00	21.02 0.72 0.00	19.90 0.78 0.00	20.62 0.88 0.00	19.04 0.80 0.00	14.97 0.60 0.00	15.02 0.56 0.00	8.41 0.31 0.00	8.90 0.39 0.00	11.45 0.63 0.00	14.79 0.99 0.00	18.76 1.06 0.00	22.35 1.29 0.00	21.65 1.25 0.00	23.62 1.35 0.00	21.90 1.23 0.00	20.02 0.97 0.00
HOLTSVILLE_IC_2 23691	22.55 1.07 0.00	19.26 0.92 0.00	17.04 0.74 0.00	18.30 0.78 0.00	19.33 0.78 0.00	20.84 0.76 0.00	20.24 0.80 0.00	20.19 0.80 0.00	20.94 0.64 0.00	19.83 0.71 0.00	20.56 0.82 0.00	18.99 0.75 0.00	14.94 0.57 0.00	14.99 0.53 0.00	8.40 0.29 0.00	8.89 0.38 0.00	11.42 0.60 0.00	14.73 0.93 0.00	18.69 0.98 0.00	22.24 1.18 0.00	21.54 1.15 0.00	23.52 1.25 0.00	21.80 1.13 0.00	19.93 0.89 0.00
HOLTSVILLE_IC_3 23692	22.55 1.07 0.00	19.26 0.92 0.00	17.04 0.74 0.00	18.30 0.78 0.00	19.33 0.78 0.00	20.84 0.76 0.00	20.24 0.80 0.00	20.19 0.80 0.00	20.94 0.64 0.00	19.83 0.71 0.00	20.56 0.82 0.00	18.99 0.75 0.00	14.94 0.57 0.00	14.99 0.53 0.00	8.40 0.29 0.00	8.89 0.38 0.00	11.42 0.60 0.00	14.73 0.93 0.00	18.69 0.98 0.00	22.24 1.18 0.00	21.54 1.15 0.00	23.52 1.25 0.00	21.80 1.13 0.00	19.93 0.89 0.00
HOLTSVILLE_IC_4 23693	22.55 1.07 0.00	19.26 0.92 0.00	17.04 0.74 0.00	18.30 0.78 0.00	19.33 0.78 0.00	20.84 0.76 0.00	20.24 0.80 0.00	20.19 0.80 0.00	20.94 0.64 0.00	19.83 0.71 0.00	20.56 0.82 0.00	18.99 0.75 0.00	14.94 0.57 0.00	14.99 0.53 0.00	8.40 0.29 0.00	8.89 0.38 0.00	11.42 0.60 0.00	14.73 0.93 0.00	18.69 0.98 0.00	22.24 1.18 0.00	21.54 1.15 0.00	23.52 1.25 0.00	21.80 1.13 0.00	19.93 0.89 0.00
HOLTSVILLE_IC_5 23694	22.55 1.07 0.00	19.26 0.92 0.00	17.04 0.74 0.00	18.30 0.78 0.00	19.33 0.78 0.00	20.84 0.76 0.00	20.24 0.80 0.00	20.19 0.80 0.00	20.94 0.64 0.00	19.83 0.71 0.00	20.56 0.82 0.00	18.99 0.75 0.00	14.94 0.57 0.00	14.99 0.53 0.00	8.40 0.29 0.00	8.89 0.38 0.00	11.42 0.60 0.00	14.73 0.93 0.00	18.69 0.98 0.00	22.24 1.18 0.00	21.54 1.15 0.00	23.52 1.25 0.00	21.80 1.13 0.00	19.93 0.89 0.00
HOLTSVILLE_IC_6 23695	22.65 1.16 0.00	19.34 1.00 0.00	17.11 0.80 0.00	18.37 0.85 0.00	19.41 0.85 0.00	20.92 0.84 0.00	20.31 0.88 0.00	20.27 0.88 0.00	21.02 0.72 0.00	19.90 0.78 0.00	20.62 0.88 0.00	19.04 0.80 0.00	14.97 0.60 0.00	15.02 0.56 0.00	8.41 0.31 0.00	8.90 0.39 0.00	11.45 0.63 0.00	14.79 0.99 0.00	18.76 1.06 0.00	22.35 1.29 0.00	21.65 1.25 0.00	23.62 1.35 0.00	21.90 1.23 0.00	20.02 0.97 0.00
HOLTSVILLE_IC_7 23696	22.65 1.16 0.00	19.34 1.00 0.00	17.11 0.80 0.00	18.37 0.85 0.00	19.41 0.85 0.00	20.92 0.84 0.00	20.31 0.88 0.00	20.27 0.88 0.00	21.02 0.72 0.00	19.90 0.78 0.00	20.62 0.88 0.00	19.04 0.80 0.00	14.97 0.60 0.00	15.02 0.56 0.00	8.41 0.31 0.00	8.90 0.39 0.00	11.45 0.63 0.00	14.79 0.99 0.00	18.76 1.06 0.00	22.35 1.29 0.00	21.65 1.25 0.00	23.62 1.35 0.00	21.90 1.23 0.00	20.02 0.97 0.00
HOLTSVILLE_IC_8 23697	22.65 1.16 0.00	19.34 1.00 0.00	17.11 0.80 0.00	18.37 0.85 0.00	19.41 0.85 0.00	20.92 0.84 0.00	20.31 0.88 0.00	20.27 0.88 0.00	21.02 0.72 0.00	19.90 0.78 0.00	20.62 0.88 0.00	19.04 0.80 0.00	14.97 0.60 0.00	15.02 0.56 0.00	8.41 0.31 0.00	8.90 0.39 0.00	11.45 0.63 0.00	14.79 0.99 0.00	18.76 1.06 0.00	22.35 1.29 0.00	21.65 1.25 0.00	23.62 1.35 0.00	21.90 1.23 0.00	20.02 0.97 0.00
HOLTSVILLE_IC_9 23698	22.65 1.16 0.00	19.34 1.00 0.00	17.11 0.80 0.00	18.37 0.85 0.00	19.41 0.85 0.00	20.92 0.84 0.00	20.31 0.88 0.00	20.27 0.88 0.00	21.02 0.72 0.00	19.90 0.78 0.00	20.62 0.88 0.00	19.04 0.80 0.00	14.97 0.60 0.00	15.02 0.56 0.00	8.41 0.31 0.00	8.90 0.39 0.00	11.45 0.63 0.00	14.79 0.99 0.00	18.76 1.06 0.00	22.35 1.29 0.00	21.65 1.25 0.00	23.62 1.35 0.00	21.90 1.23 0.00	20.02 0.97 0.00
HOMER_HL_115KV_TB2 355744	22.17 0.69 0.00	18.77 0.44 0.00	16.61 0.31 0.00	17.97 0.45 0.00	19.18 0.63 0.00	20.89 0.81 0.00	20.19 0.76 0.00	20.16 0.77 0.00	21.20 0.89 0.00	20.11 1.00 0.00	20.82 1.09 0.00	19.10 0.86 0.00	15.05 0.68 0.00	15.13 0.67 0.00	8.48 0.38 0.00	8.83 0.32 0.00	11.10 0.29 0.00	14.16 0.36 0.00	18.30 0.59 0.00	21.68 0.61 0.00	20.99 0.60 0.00	22.66 0.39 0.00	20.99 0.32 0.00	19.32 0.28 0.00
HOWARD_WT_PWR 323690	21.97 0.48 0.00	18.58 0.24 0.00	16.35 0.04 0.00	17.55 0.04 0.00	18.58 0.03 0.00	20.01 -0.08 0.00	19.33 -0.11 0.00	19.58 0.18 0.00	20.69 0.39 0.00	19.60 0.49 0.00	20.26 0.53 0.00	18.74 0.49 0.00	14.76 0.39 0.00	14.71 0.25 0.00	8.20 0.09 0.00	8.52 0.01 0.00	10.84 0.02 0.00	13.98 0.18 0.00	18.25 0.55 0.00	21.78 0.72 0.00	21.17 0.78 0.00	23.10 0.83 0.00	21.35 0.68 0.00	19.50 0.46 0.00
HQ_GEN_CEDARS 23644	21.41 -0.08 0.00	18.36 0.03 0.00	16.32 0.02 0.00	17.51 0.00 0.00	18.60 0.05 0.00	20.18 0.10 0.00	19.48 0.05 0.00	19.40 0.00 0.00	20.28 -0.02 0.00	18.95 -0.16 0.00	19.51 -0.22 0.00	18.04 -0.20 0.00	14.18 -0.19 0.00	14.30 -0.16 0.00	8.02 -0.09 0.00	8.40 -0.11 0.00	10.65 -0.16 0.00	13.63 -0.17 0.00	17.54 -0.17 0.00	20.99 -0.08 0.00	20.25 -0.15 0.00	22.32 0.05 0.00	20.79 0.12 0.00	19.18 0.14 0.00

HQ_GEN_CEDARS_PROXY 323590	21.41 -0.07 0.00	18.36 0.03 0.00	16.32 0.02 0.00	17.51 0.00 0.00	18.60 0.05 0.00	20.18 0.10 0.00	19.48 0.05 0.00	19.40 0.00 0.00	20.28 -0.02 0.00	18.95 -0.16 0.00	19.51 -0.22 0.00	18.04 -0.20 0.00	14.18 -0.19 0.00	14.30 -0.16 0.00	8.02 -0.09 0.00	8.40 -0.11 0.00	10.65 -0.16 0.00	13.63 -0.17 0.00	17.54 -0.17 0.00	20.99 -0.08 0.00	20.25 -0.15 0.00	22.32 0.05 0.00	20.80 0.12 0.00	19.18 0.14 0.00
HQ_GEN_IMPORT 323601	21.48 0.00 0.00	18.39 0.05 0.00	16.35 0.04 0.00	17.55 0.03 0.00	18.61 0.06 0.00	20.17 0.08 0.00	19.49 0.05 0.00	19.43 0.03 0.00	20.33 0.02 0.00	19.08 -0.04 0.00	19.68 -0.05 0.00	18.20 -0.05 0.00	14.32 -0.05 0.00	14.43 -0.04 0.00	8.09 -0.02 0.00	8.49 -0.02 0.00	10.77 -0.05 0.00	13.75 -0.05 0.00	17.66 -0.05 0.00	21.05 -0.01 0.00	20.35 -0.05 0.00	22.33 0.06 0.00	20.77 0.10 0.00	19.14 0.10 0.00
HQ_GEN_WHEEL 23651	21.48 0.00 0.00	18.39 0.05 0.00	16.35 0.04 0.00	17.55 0.03 0.00	18.61 0.06 0.00	20.17 0.08 0.00	19.49 0.05 0.00	19.43 0.03 0.00	20.33 0.02 0.00	19.08 -0.04 0.00	19.68 -0.05 0.00	18.20 -0.05 0.00	14.32 -0.05 0.00	14.43 -0.04 0.00	8.09 -0.02 0.00	8.49 -0.02 0.00	10.77 -0.05 0.00	13.75 -0.05 0.00	17.66 -0.05 0.00	21.05 -0.01 0.00	20.35 -0.05 0.00	22.33 0.06 0.00	20.77 0.10 0.00	19.14 0.10 0.00
HUDSON_AVE_GT_3 23810	22.31 0.82 0.00	18.95 0.61 0.00	16.83 0.52 0.00	18.09 0.57 0.00	19.10 0.55 0.00	20.67 0.59 0.00	20.07 0.63 0.00	20.12 0.72 0.00	21.04 0.73 0.00	19.92 0.80 0.00	20.58 0.85 0.00	19.10 0.86 0.00	15.13 0.76 0.00	15.22 0.76 0.00	8.52 0.41 0.00	9.00 0.49 0.00	11.48 0.66 0.00	14.69 0.89 0.00	18.70 1.00 0.00	22.15 1.08 0.00	21.49 1.09 0.00	23.36 1.08 0.00	21.56 0.89 0.00	19.79 0.74 0.00
HUDSON_AVE_GT_4 23540	22.31 0.82 0.00	18.95 0.61 0.00	16.83 0.52 0.00	18.09 0.57 0.00	19.10 0.55 0.00	20.67 0.59 0.00	20.07 0.63 0.00	20.12 0.72 0.00	21.04 0.73 0.00	19.92 0.80 0.00	20.58 0.85 0.00	19.10 0.86 0.00	15.13 0.76 0.00	15.22 0.76 0.00	8.52 0.41 0.00	9.00 0.49 0.00	11.48 0.66 0.00	14.69 0.89 0.00	18.70 1.00 0.00	22.15 1.08 0.00	21.49 1.09 0.00	23.36 1.08 0.00	21.56 0.89 0.00	19.79 0.74 0.00
HUDSON_AVE_GT_5 23657	22.31 0.82 0.00	18.95 0.61 0.00	16.83 0.52 0.00	18.09 0.57 0.00	19.10 0.55 0.00	20.67 0.59 0.00	20.07 0.63 0.00	20.12 0.72 0.00	21.04 0.73 0.00	19.92 0.80 0.00	20.58 0.85 0.00	19.10 0.86 0.00	15.13 0.76 0.00	15.22 0.76 0.00	8.52 0.41 0.00	9.00 0.49 0.00	11.48 0.66 0.00	14.69 0.89 0.00	18.70 1.00 0.00	22.15 1.08 0.00	21.49 1.09 0.00	23.36 1.08 0.00	21.56 0.89 0.00	19.79 0.74 0.00
HUDSON_AVE_10 24168	22.24 0.75 0.00	18.90 0.57 0.00	16.79 0.49 0.00	18.04 0.53 0.00	19.05 0.49 0.00	20.61 0.52 0.00	20.02 0.58 0.00	20.07 0.68 0.00	20.98 0.67 0.00	19.86 0.75 0.00	20.52 0.79 0.00	19.05 0.80 0.00	15.09 0.71 0.00	15.17 0.71 0.00	8.49 0.39 0.00	8.97 0.46 0.00	11.44 0.62 0.00	14.64 0.84 0.00	18.64 0.93 0.00	22.07 1.00 0.00	21.40 1.01 0.00	23.27 0.99 0.00	21.48 0.81 0.00	19.72 0.68 0.00
HUDSON___115KV_TB 4 355613	22.34 0.85 0.00	19.03 0.69 0.00	16.93 0.62 0.00	18.18 0.66 0.00	19.22 0.67 0.00	20.77 0.68 0.00	20.13 0.70 0.00	20.12 0.73 0.00	21.04 0.73 0.00	19.87 0.76 0.00	20.56 0.83 0.00	18.93 0.69 0.00	14.85 0.48 0.00	14.89 0.43 0.00	8.32 0.21 0.00	8.73 0.22 0.00	11.14 0.33 0.00	14.26 0.46 0.00	18.27 0.56 0.00	21.69 0.62 0.00	21.03 0.64 0.00	22.98 0.71 0.00	21.30 0.63 0.00	19.62 0.58 0.00
HUNTER MOUNT___DRP 323613	22.49 1.00 0.00	19.16 0.82 0.00	17.05 0.74 0.00	18.30 0.79 0.00	19.35 0.80 0.00	20.92 0.84 0.00	20.28 0.84 0.00	20.26 0.86 0.00	21.19 0.88 0.00	20.01 0.90 0.00	20.71 0.98 0.00	19.04 0.79 0.00	14.90 0.53 0.00	14.93 0.47 0.00	8.33 0.23 0.00	8.74 0.23 0.00	11.15 0.34 0.00	14.28 0.48 0.00	18.34 0.63 0.00	21.80 0.74 0.00	21.13 0.74 0.00	23.10 0.83 0.00	21.41 0.74 0.00	19.73 0.69 0.00
HUNTINGTON_RES_REC 323705	22.42 0.94 0.00	19.13 0.79 0.00	16.92 0.62 0.00	18.17 0.65 0.00	19.19 0.64 0.00	20.69 0.61 0.00	20.08 0.64 0.00	20.02 0.62 0.00	20.79 0.48 0.00	19.69 0.58 0.00	20.45 0.72 0.00	18.90 0.65 0.00	14.87 0.50 0.00	14.94 0.48 0.00	8.38 0.27 0.00	8.86 0.35 0.00	11.37 0.55 0.00	14.64 0.84 0.00	18.59 0.89 0.00	22.11 1.04 0.00	21.40 1.01 0.00	23.39 1.12 0.00	21.64 0.97 0.00	19.80 0.76 0.00
HUNTLEY___63 23557	21.60 0.11 0.00	18.50 0.16 0.00	16.42 0.11 0.00	17.65 0.13 0.00	18.86 0.30 0.00	20.51 0.43 0.00	19.68 0.24 0.00	19.33 -0.06 0.00	20.38 0.07 0.00	19.12 0.00 0.00	19.76 0.03 0.00	18.12 -0.12 0.00	14.32 -0.05 0.00	14.39 -0.08 0.00	8.11 0.00 0.00	8.43 -0.09 0.00	10.54 -0.28 0.00	13.48 -0.33 0.00	17.41 -0.30 0.00	20.57 -0.50 0.00	19.97 -0.42 0.00	21.48 -0.79 0.00	19.97 -0.70 0.00	18.69 -0.35 0.00
HUNTLEY___64 23558	21.60 0.11 0.00	18.50 0.16 0.00	16.42 0.11 0.00	17.65 0.13 0.00	18.86 0.30 0.00	20.51 0.43 0.00	19.68 0.24 0.00	19.33 -0.06 0.00	20.38 0.07 0.00	19.12 0.00 0.00	19.76 0.03 0.00	18.12 -0.12 0.00	14.32 -0.05 0.00	14.39 -0.08 0.00	8.11 0.00 0.00	8.43 -0.09 0.00	10.54 -0.28 0.00	13.48 -0.33 0.00	17.41 -0.30 0.00	20.57 -0.50 0.00	19.97 -0.42 0.00	21.48 -0.79 0.00	19.97 -0.70 0.00	18.69 -0.35 0.00
HUNTLEY___65 23559	21.60 0.11 0.00	18.50 0.16 0.00	16.42 0.11 0.00	17.65 0.13 0.00	18.86 0.30 0.00	20.51 0.43 0.00	19.68 0.24 0.00	19.33 -0.06 0.00	20.38 0.07 0.00	19.12 0.00 0.00	19.76 0.03 0.00	18.12 -0.12 0.00	14.32 -0.05 0.00	14.39 -0.08 0.00	8.11 0.00 0.00	8.43 -0.09 0.00	10.54 -0.28 0.00	13.48 -0.33 0.00	17.41 -0.30 0.00	20.57 -0.50 0.00	19.97 -0.42 0.00	21.48 -0.79 0.00	19.97 -0.70 0.00	18.69 -0.35 0.00
HUNTLEY___66 23560	21.60 0.11 0.00	18.50 0.16 0.00	16.42 0.11 0.00	17.65 0.13 0.00	18.86 0.30 0.00	20.51 0.43 0.00	19.68 0.24 0.00	19.33 -0.06 0.00	20.38 0.07 0.00	19.12 0.00 0.00	19.76 0.03 0.00	18.12 -0.12 0.00	14.32 -0.05 0.00	14.39 -0.08 0.00	8.11 0.00 0.00	8.43 -0.09 0.00	10.54 -0.28 0.00	13.48 -0.33 0.00	17.41 -0.30 0.00	20.57 -0.50 0.00	19.97 -0.42 0.00	21.48 -0.79 0.00	19.97 -0.70 0.00	18.69 -0.35 0.00
HUNTLEY___67 23561	21.50 0.02 0.00	18.42 0.08 0.00	16.33 0.03 0.00	17.57 0.06 0.00	18.77 0.21 0.00	20.42 0.34 0.00	19.60 0.17 0.00	19.32 -0.08 0.00	20.36 0.05 0.00	19.12 0.00 0.00	19.76 0.03 0.00	18.12 -0.12 0.00	14.32 -0.06 0.00	14.39 -0.07 0.00	8.11 0.00 0.00	8.43 -0.08 0.00	10.55 -0.27 0.00	13.49 -0.31 0.00	17.41 -0.30 0.00	20.55 -0.52 0.00	19.95 -0.44 0.00	21.48 -0.80 0.00	19.96 -0.71 0.00	18.64 -0.40 0.00



HUNTLEY___68 23562	21.50 0.02 0.00	18.42 0.08 0.00	16.33 0.03 0.00	17.57 0.06 0.00	18.77 0.21 0.00	20.42 0.34 0.00	19.60 0.17 0.00	19.32 -0.08 0.00	20.36 0.05 0.00	19.12 0.00 0.00	19.76 0.03 0.00	18.12 -0.12 0.00	14.32 -0.06 0.00	14.39 -0.07 0.00	8.11 0.00 0.00	8.43 -0.08 0.00	10.55 -0.27 0.00	13.49 -0.31 0.00	17.41 -0.30 0.00	20.55 -0.52 0.00	19.95 -0.44 0.00	21.48 -0.80 0.00	19.96 -0.71 0.00	18.64 -0.40 0.00
HYLAND___LFGE 323620	22.64 1.16 0.00	19.23 0.89 0.00	16.99 0.69 0.00	18.28 0.77 0.00	19.41 0.85 0.00	21.05 0.96 0.00	20.35 0.92 0.00	20.38 0.98 0.00	21.46 1.15 0.00	20.12 1.01 0.00	20.66 0.93 0.00	18.89 0.64 0.00	14.71 0.34 0.00	14.68 0.21 0.00	8.21 0.11 0.00	8.57 0.05 0.00	10.83 0.01 0.00	13.91 0.10 0.00	18.24 0.53 0.00	22.08 1.02 0.00	21.65 1.26 0.00	23.50 1.22 0.00	21.68 1.00 0.00	19.93 0.89 0.00
INDECK___CORINTH 23802	22.07 0.58 0.00	18.77 0.43 0.00	16.66 0.35 0.00	17.91 0.39 0.00	18.94 0.38 0.00	20.43 0.34 0.00	19.83 0.40 0.00	19.88 0.48 0.00	20.77 0.46 0.00	19.60 0.49 0.00	20.21 0.48 0.00	18.65 0.40 0.00	14.67 0.29 0.00	14.70 0.24 0.00	8.18 0.08 0.00	8.62 0.11 0.00	11.01 0.19 0.00	14.16 0.35 0.00	18.24 0.54 0.00	21.79 0.72 0.00	21.05 0.66 0.00	22.87 0.59 0.00	21.19 0.51 0.00	19.45 0.41 0.00
INDECK___ILION 23567	21.47 -0.02 0.00	18.26 -0.08 0.00	16.23 -0.08 0.00	17.43 -0.09 0.00	18.43 -0.13 0.00	19.95 -0.14 0.00	19.34 -0.10 0.00	19.32 -0.07 0.00	20.22 -0.09 0.00	19.08 -0.04 0.00	19.66 -0.07 0.00	18.19 -0.06 0.00	14.32 -0.05 0.00	14.40 -0.06 0.00	8.06 -0.04 0.00	8.46 -0.05 0.00	10.79 -0.03 0.00	13.78 -0.03 0.00	17.69 -0.02 0.00	21.06 0.00 0.00	20.46 0.07 0.00	22.30 0.02 0.00	20.67 0.00 0.00	18.99 -0.05 0.00
INDECK___OLEAN 23982	22.17 0.69 0.00	18.78 0.44 0.00	16.61 0.31 0.00	17.97 0.45 0.00	19.18 0.62 0.00	20.89 0.81 0.00	20.19 0.75 0.00	20.16 0.76 0.00	21.20 0.89 0.00	20.11 1.00 0.00	20.82 1.09 0.00	19.10 0.86 0.00	15.05 0.68 0.00	15.14 0.67 0.00	8.48 0.38 0.00	8.83 0.32 0.00	11.10 0.29 0.00	14.16 0.36 0.00	18.28 0.58 0.00	21.68 0.61 0.00	20.99 0.60 0.00	22.66 0.39 0.00	20.98 0.31 0.00	19.32 0.28 0.00
INDECK___OSWEGO 23783	20.97 -0.52 0.00	17.87 -0.47 0.00	15.89 -0.41 0.00	17.09 -0.43 0.00	18.12 -0.44 0.00	19.62 -0.46 0.00	18.98 -0.45 0.00	18.94 -0.46 0.00	19.86 -0.45 0.00	18.69 -0.43 0.00	19.28 -0.45 0.00	17.78 -0.46 0.00	14.01 -0.37 0.00	14.06 -0.40 0.00	7.87 -0.24 0.00	8.25 -0.26 0.00	10.47 -0.34 0.00	13.37 -0.43 0.00	17.21 -0.50 0.00	20.49 -0.57 0.00	19.87 -0.52 0.00	21.61 -0.66 0.00	20.05 -0.62 0.00	18.47 -0.57 0.00
INDECK___YERKES 23781	21.62 0.13 0.00	18.52 0.18 0.00	16.43 0.13 0.00	17.67 0.15 0.00	18.87 0.31 0.00	20.53 0.45 0.00	19.69 0.25 0.00	19.34 -0.05 0.00	20.39 0.08 0.00	19.13 0.02 0.00	19.78 0.05 0.00	18.14 -0.11 0.00	14.33 -0.04 0.00	14.40 -0.07 0.00	8.11 0.01 0.00	8.43 -0.08 0.00	10.55 -0.27 0.00	13.49 -0.31 0.00	17.41 -0.30 0.00	20.59 -0.48 0.00	19.99 -0.40 0.00	21.50 -0.77 0.00	19.98 -0.69 0.00	18.70 -0.34 0.00
INDIAN POINT_GT_1 24139	22.15 0.66 0.00	18.80 0.47 0.00	16.70 0.39 0.00	17.95 0.43 0.00	18.97 0.42 0.00	20.54 0.45 0.00	19.94 0.50 0.00	19.96 0.57 0.00	20.87 0.56 0.00	19.73 0.62 0.00	20.39 0.66 0.00	18.89 0.65 0.00	14.94 0.57 0.00	15.04 0.57 0.00	8.42 0.31 0.00	8.89 0.38 0.00	11.34 0.53 0.00	14.52 0.71 0.00	18.51 0.80 0.00	21.96 0.90 0.00	21.30 0.91 0.00	23.18 0.90 0.00	21.41 0.74 0.00	19.64 0.60 0.00
INDIAN POINT_GT_2 23659	22.15 0.66 0.00	18.80 0.47 0.00	16.70 0.39 0.00	17.95 0.43 0.00	18.97 0.42 0.00	20.54 0.45 0.00	19.94 0.50 0.00	19.96 0.57 0.00	20.87 0.56 0.00	19.73 0.62 0.00	20.39 0.66 0.00	18.89 0.65 0.00	14.94 0.57 0.00	15.04 0.57 0.00	8.42 0.31 0.00	8.89 0.38 0.00	11.34 0.53 0.00	14.52 0.71 0.00	18.51 0.80 0.00	21.96 0.90 0.00	21.30 0.91 0.00	23.18 0.90 0.00	21.41 0.74 0.00	19.64 0.60 0.00
INDIAN POINT_GT_3 24019	22.15 0.66 0.00	18.80 0.47 0.00	16.70 0.39 0.00	17.95 0.43 0.00	18.97 0.42 0.00	20.54 0.45 0.00	19.94 0.50 0.00	19.96 0.57 0.00	20.87 0.56 0.00	19.73 0.62 0.00	20.39 0.66 0.00	18.89 0.65 0.00	14.94 0.57 0.00	15.04 0.57 0.00	8.42 0.31 0.00	8.89 0.38 0.00	11.34 0.53 0.00	14.52 0.71 0.00	18.51 0.80 0.00	21.96 0.90 0.00	21.30 0.91 0.00	23.18 0.90 0.00	21.41 0.74 0.00	19.64 0.60 0.00
INDIAN POINT___2 23530	22.15 0.66 0.00	18.79 0.46 0.00	16.68 0.38 0.00	17.94 0.43 0.00	18.96 0.40 0.00	20.53 0.44 0.00	19.94 0.50 0.00	19.96 0.56 0.00	20.87 0.56 0.00	19.73 0.61 0.00	20.38 0.65 0.00	18.89 0.64 0.00	14.94 0.57 0.00	15.04 0.57 0.00	8.42 0.31 0.00	8.89 0.38 0.00	11.34 0.52 0.00	14.52 0.71 0.00	18.50 0.80 0.00	21.95 0.89 0.00	21.29 0.90 0.00	23.17 0.90 0.00	21.40 0.74 0.00	19.64 0.60 0.00
INDIAN POINT___3 23531	22.15 0.66 0.00	18.80 0.46 0.00	16.69 0.38 0.00	17.95 0.43 0.00	18.96 0.40 0.00	20.53 0.44 0.00	19.93 0.49 0.00	19.95 0.56 0.00	20.86 0.55 0.00	19.72 0.60 0.00	20.38 0.65 0.00	18.89 0.64 0.00	14.93 0.56 0.00	15.03 0.57 0.00	8.41 0.31 0.00	8.89 0.38 0.00	11.34 0.52 0.00	14.51 0.70 0.00	18.49 0.79 0.00	21.95 0.88 0.00	21.29 0.89 0.00	23.16 0.89 0.00	21.39 0.72 0.00	19.63 0.59 0.00
INGHAM_C_115KV_TB7 356103	21.25 -0.23 0.00	18.00 -0.33 0.00	16.00 -0.31 0.00	17.15 -0.36 0.00	18.10 -0.45 0.00	19.60 -0.48 0.00	19.03 -0.40 0.00	19.04 -0.35 0.00	19.90 -0.40 0.00	18.83 -0.29 0.00	19.33 -0.40 0.00	17.90 -0.35 0.00	14.08 -0.29 0.00	14.14 -0.32 0.00	7.91 -0.20 0.00	8.30 -0.21 0.00	10.62 -0.20 0.00	13.58 -0.23 0.00	17.47 -0.24 0.00	20.83 -0.24 0.00	20.32 -0.08 0.00	22.12 -0.16 0.00	20.49 -0.18 0.00	18.78 -0.27 0.00
IP CORINTH___1 23988	22.07 0.58 0.00	18.77 0.43 0.00	16.66 0.35 0.00	17.91 0.39 0.00	18.94 0.38 0.00	20.43 0.34 0.00	19.83 0.40 0.00	19.88 0.48 0.00	20.78 0.46 0.00	19.60 0.49 0.00	20.21 0.48 0.00	18.65 0.40 0.00	14.67 0.30 0.00	14.70 0.24 0.00	8.18 0.08 0.00	8.62 0.11 0.00	11.01 0.19 0.00	14.16 0.35 0.00	18.24 0.53 0.00	21.79 0.73 0.00	21.05 0.66 0.00	22.86 0.59 0.00	21.19 0.51 0.00	19.45 0.41 0.00
IP___TICONDEROGA 23804	23.12 1.64 0.00	19.64 1.30 0.00	17.42 1.11 0.00	18.69 1.17 0.00	19.75 1.20 0.00	21.29 1.20 0.00	20.60 1.16 0.00	20.73 1.33 0.00	21.64 1.33 0.00	20.28 1.17 0.00	20.83 1.10 0.00	19.23 0.99 0.00	15.12 0.74 0.00	15.13 0.66 0.00	8.39 0.28 0.00	8.84 0.33 0.00	11.31 0.50 0.00	14.74 0.93 0.00	18.95 1.24 0.00	22.88 1.82 0.00	21.97 1.57 0.00	23.79 1.51 0.00	21.96 1.29 0.00	20.14 1.10 0.00

ISLIP_RES_REC 323679	22.71 1.22 0.00	19.39 1.05 0.00	17.15 0.84 0.00	18.41 0.89 0.00	19.45 0.90 0.00	20.97 0.89 0.00	20.37 0.93 0.00	20.33 0.93 0.00	21.07 0.76 0.00	19.94 0.83 0.00	20.65 0.92 0.00	19.07 0.83 0.00	15.00 0.63 0.00	15.04 0.58 0.00	8.42 0.32 0.00	8.91 0.40 0.00	11.47 0.65 0.00	14.83 1.02 0.00	18.82 1.11 0.00	22.42 1.36 0.00	21.72 1.33 0.00	23.71 1.44 0.00	21.97 1.30 0.00	20.08 1.03 0.00
JAMAICA__27_KV_LOAD 355505	22.37 0.89 0.00	19.03 0.70 0.00	16.92 0.61 0.00	18.17 0.65 0.00	19.18 0.62 0.00	20.74 0.66 0.00	20.16 0.73 0.00	20.23 0.83 0.00	21.10 0.79 0.00	19.99 0.88 0.00	20.62 0.89 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.26 0.80 0.00	8.53 0.43 0.00	9.01 0.49 0.00	11.49 0.68 0.00	14.71 0.91 0.00	18.74 1.04 0.00	22.17 1.10 0.00	21.50 1.11 0.00	23.36 1.09 0.00	21.57 0.90 0.00	19.83 0.79 0.00
JANIS__SOLAR 323808	22.35 0.87 0.00	18.92 0.58 0.00	16.86 0.55 0.00	18.04 0.52 0.00	19.15 0.60 0.00	20.87 0.78 0.00	20.14 0.71 0.00	20.09 0.70 0.00	21.06 0.75 0.00	19.73 0.62 0.00	20.21 0.48 0.00	18.54 0.30 0.00	14.59 0.22 0.00	14.60 0.14 0.00	8.14 0.03 0.00	8.52 0.00 0.00	10.84 0.02 0.00	13.99 0.18 0.00	18.36 0.65 0.00	22.09 1.03 0.00	21.46 1.07 0.00	23.30 1.02 0.00	21.55 0.88 0.00	19.78 0.75 0.00
JARVIS____ 23743	21.53 0.04 0.00	18.35 0.01 0.00	16.32 0.02 0.00	17.53 0.02 0.00	18.57 0.01 0.00	20.09 0.00 0.00	19.45 0.02 0.00	19.41 0.02 0.00	20.33 0.02 0.00	19.16 0.04 0.00	19.78 0.05 0.00	18.30 0.05 0.00	14.41 0.04 0.00	14.50 0.03 0.00	8.12 0.01 0.00	8.53 0.02 0.00	10.86 0.04 0.00	13.85 0.04 0.00	17.76 0.05 0.00	21.12 0.06 0.00	20.46 0.06 0.00	22.32 0.05 0.00	20.70 0.02 0.00	19.06 0.02 0.00
JENNISON__1 23625	22.39 0.91 0.00	18.73 0.40 0.00	16.89 0.59 0.00	18.03 0.51 0.00	19.09 0.53 0.00	20.87 0.78 0.00	19.94 0.51 0.00	19.91 0.51 0.00	20.80 0.49 0.00	19.52 0.40 0.00	20.12 0.39 0.00	18.59 0.35 0.00	14.73 0.36 0.00	14.80 0.33 0.00	8.29 0.19 0.00	8.69 0.17 0.00	11.05 0.23 0.00	14.23 0.43 0.00	18.58 0.88 0.00	22.25 1.19 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.71 1.03 0.00	19.91 0.87 0.00
JENNISON__2 23626	22.39 0.91 0.00	18.73 0.40 0.00	16.89 0.59 0.00	18.03 0.51 0.00	19.09 0.53 0.00	20.87 0.78 0.00	19.94 0.51 0.00	19.91 0.51 0.00	20.80 0.49 0.00	19.52 0.40 0.00	20.12 0.39 0.00	18.59 0.35 0.00	14.73 0.36 0.00	14.80 0.33 0.00	8.29 0.19 0.00	8.69 0.17 0.00	11.05 0.23 0.00	14.23 0.43 0.00	18.58 0.88 0.00	22.25 1.19 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.71 1.03 0.00	19.91 0.87 0.00
JERICHO_RISE_WT_PWR 323719	21.60 0.11 0.00	18.56 0.22 0.00	16.45 0.14 0.00	17.69 0.18 0.00	18.83 0.27 0.00	20.35 0.27 0.00	19.54 0.10 0.00	19.45 0.05 0.00	20.28 -0.03 0.00	18.77 -0.34 0.00	19.04 -0.69 0.00	17.64 -0.60 0.00	13.81 -0.56 0.00	13.96 -0.51 0.00	7.81 -0.30 0.00	8.20 -0.31 0.00	10.38 -0.44 0.00	13.37 -0.43 0.00	17.35 -0.36 0.00	21.04 -0.03 0.00	20.31 -0.09 0.00	22.39 0.11 0.00	20.84 0.17 0.00	19.33 0.30 0.00
KATONAH__115KV_46KV_TB4 355592	22.25 0.76 0.00	18.91 0.57 0.00	16.79 0.48 0.00	18.05 0.53 0.00	19.07 0.51 0.00	20.63 0.55 0.00	20.03 0.59 0.00	20.06 0.66 0.00	20.99 0.68 0.00	19.85 0.73 0.00	20.51 0.78 0.00	18.99 0.75 0.00	15.02 0.64 0.00	15.10 0.64 0.00	8.45 0.35 0.00	8.92 0.41 0.00	11.38 0.57 0.00	14.58 0.77 0.00	18.57 0.87 0.00	22.05 0.99 0.00	21.39 1.00 0.00	23.28 1.00 0.00	21.50 0.82 0.00	19.73 0.69 0.00
KCE_NY_1 323755	22.15 0.67 0.00	18.84 0.51 0.00	16.76 0.45 0.00	18.00 0.48 0.00	19.04 0.48 0.00	20.57 0.48 0.00	19.95 0.52 0.00	19.97 0.57 0.00	20.89 0.58 0.00	19.67 0.55 0.00	20.30 0.57 0.00	18.77 0.52 0.00	14.75 0.38 0.00	14.81 0.35 0.00	8.27 0.16 0.00	8.70 0.19 0.00	11.08 0.27 0.00	14.25 0.45 0.00	18.33 0.62 0.00	21.84 0.77 0.00	21.12 0.73 0.00	22.98 0.70 0.00	21.29 0.62 0.00	19.56 0.52 0.00
KCE_NY_6_ESR 323823	21.80 0.32 0.00	18.64 0.30 0.00	16.53 0.22 0.00	17.77 0.26 0.00	18.99 0.44 0.00	20.68 0.59 0.00	19.87 0.43 0.00	19.63 0.23 0.00	20.67 0.37 0.00	19.43 0.32 0.00	20.08 0.34 0.00	18.42 0.17 0.00	14.54 0.17 0.00	14.61 0.14 0.00	8.22 0.12 0.00	8.55 0.04 0.00	10.71 -0.11 0.00	13.71 -0.10 0.00	17.69 -0.02 0.00	20.92 -0.15 0.00	20.31 -0.09 0.00	21.88 -0.39 0.00	20.30 -0.37 0.00	18.93 -0.11 0.00
KEDC_PORT_JEFF_GT2 24210	22.61 1.12 0.00	19.30 0.96 0.00	17.08 0.77 0.00	18.33 0.81 0.00	19.37 0.82 0.00	20.88 0.80 0.00	20.28 0.84 0.00	20.23 0.84 0.00	20.99 0.68 0.00	19.87 0.75 0.00	20.59 0.86 0.00	19.02 0.77 0.00	14.96 0.59 0.00	15.01 0.55 0.00	8.41 0.30 0.00	8.90 0.38 0.00	11.44 0.62 0.00	14.77 0.96 0.00	18.74 1.03 0.00	22.31 1.25 0.00	21.61 1.22 0.00	23.59 1.32 0.00	21.86 1.18 0.00	19.98 0.94 0.00
KEDC_PORT_JEFF_GT3 24211	22.61 1.12 0.00	19.30 0.96 0.00	17.08 0.77 0.00	18.33 0.81 0.00	19.37 0.82 0.00	20.88 0.80 0.00	20.28 0.84 0.00	20.23 0.84 0.00	20.99 0.68 0.00	19.87 0.75 0.00	20.59 0.86 0.00	19.02 0.77 0.00	14.96 0.59 0.00	15.01 0.55 0.00	8.41 0.30 0.00	8.90 0.38 0.00	11.44 0.62 0.00	14.77 0.96 0.00	18.74 1.03 0.00	22.31 1.25 0.00	21.61 1.22 0.00	23.59 1.32 0.00	21.86 1.18 0.00	19.98 0.94 0.00
KEDC_GLWD_GT4 24219	22.38 0.90 0.00	19.03 0.69 0.00	16.87 0.57 0.00	18.13 0.61 0.00	19.15 0.59 0.00	20.70 0.61 0.00	20.09 0.65 0.00	20.08 0.69 0.00	20.96 0.65 0.00	19.84 0.72 0.00	20.55 0.82 0.00	19.02 0.78 0.00	15.02 0.65 0.00	15.12 0.65 0.00	8.47 0.37 0.00	8.95 0.44 0.00	11.45 0.63 0.00	14.67 0.87 0.00	18.66 0.95 0.00	22.16 1.09 0.00	21.47 1.08 0.00	23.39 1.12 0.00	21.61 0.94 0.00	19.81 0.77 0.00
KEDC_GLWD_GT5 24220	22.38 0.90 0.00	19.03 0.69 0.00	16.87 0.57 0.00	18.13 0.61 0.00	19.15 0.59 0.00	20.70 0.61 0.00	20.09 0.65 0.00	20.08 0.69 0.00	20.96 0.65 0.00	19.84 0.72 0.00	20.55 0.82 0.00	19.02 0.78 0.00	15.02 0.65 0.00	15.12 0.65 0.00	8.47 0.37 0.00	8.95 0.44 0.00	11.45 0.63 0.00	14.67 0.87 0.00	18.66 0.95 0.00	22.16 1.09 0.00	21.47 1.08 0.00	23.39 1.12 0.00	21.61 0.94 0.00	19.81 0.77 0.00
KENSICO____ 23655	22.21 0.72 0.00	18.86 0.52 0.00	16.75 0.44 0.00	18.00 0.48 0.00	19.02 0.46 0.00	20.58 0.49 0.00	19.98 0.54 0.00	20.00 0.61 0.00	20.91 0.61 0.00	19.78 0.66 0.00	20.44 0.71 0.00	18.95 0.70 0.00	14.98 0.61 0.00	15.08 0.62 0.00	8.44 0.34 0.00	8.92 0.40 0.00	11.38 0.56 0.00	14.56 0.76 0.00	18.55 0.85 0.00	22.01 0.95 0.00	21.35 0.96 0.00	23.23 0.96 0.00	21.46 0.79 0.00	19.69 0.65 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.34 0.85 0.00	18.96 0.62 0.00	16.83 0.52 0.00	18.09 0.57 0.00	19.13 0.57 0.00	20.73 0.65 0.00	20.14 0.70 0.00	20.17 0.77 0.00	21.08 0.77 0.00	19.83 0.71 0.00	20.39 0.66 0.00	18.90 0.66 0.00	14.89 0.52 0.00	15.00 0.53 0.00	8.40 0.30 0.00	8.87 0.36 0.00	11.34 0.53 0.00	14.55 0.74 0.00	18.63 0.93 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.65 0.98 0.00	19.84 0.80 0.00
KIAC_JFK_GT1 23816	22.30 0.81 0.00	18.97 0.63 0.00	16.87 0.56 0.00	18.11 0.60 0.00	19.12 0.57 0.00	20.67 0.59 0.00	20.09 0.66 0.00	20.16 0.76 0.00	21.03 0.73 0.00	19.93 0.81 0.00	20.56 0.83 0.00	19.11 0.87 0.00	15.14 0.77 0.00	15.22 0.76 0.00	8.51 0.41 0.00	8.98 0.47 0.00	11.46 0.64 0.00	14.67 0.87 0.00	18.69 0.98 0.00	22.09 1.02 0.00	21.43 1.03 0.00	23.29 1.01 0.00	21.50 0.83 0.00	19.76 0.72 0.00
KIAC_JFK_GT2 23817	22.30 0.81 0.00	18.97 0.63 0.00	16.87 0.56 0.00	18.11 0.60 0.00	19.12 0.57 0.00	20.67 0.59 0.00	20.09 0.66 0.00	20.16 0.76 0.00	21.03 0.73 0.00	19.93 0.81 0.00	20.56 0.83 0.00	19.11 0.87 0.00	15.14 0.77 0.00	15.22 0.76 0.00	8.51 0.41 0.00	8.98 0.47 0.00	11.46 0.64 0.00	14.67 0.87 0.00	18.69 0.98 0.00	22.09 1.02 0.00	21.43 1.03 0.00	23.29 1.01 0.00	21.50 0.83 0.00	19.76 0.72 0.00
KIAC_JFK____ 323774	22.30 0.81 0.00	18.97 0.63 0.00	16.87 0.56 0.00	18.11 0.60 0.00	19.13 0.57 0.00	20.67 0.59 0.00	20.10 0.66 0.00	20.16 0.76 0.00	21.03 0.73 0.00	19.93 0.81 0.00	20.56 0.83 0.00	19.11 0.87 0.00	15.14 0.76 0.00	15.22 0.76 0.00	8.51 0.41 0.00	8.98 0.47 0.00	11.46 0.64 0.00	14.67 0.87 0.00	18.69 0.98 0.00	22.09 1.02 0.00	21.43 1.03 0.00	23.28 1.01 0.00	21.50 0.83 0.00	19.76 0.72 0.00
KINTIGH____ 23543	21.27 -0.22 0.00	18.20 -0.13 0.00	16.16 -0.15 0.00	17.39 -0.12 0.00	18.55 0.00 0.00	20.16 0.08 0.00	19.38 -0.06 0.00	19.14 -0.26 0.00	20.15 -0.15 0.00	18.94 -0.18 0.00	19.57 -0.16 0.00	17.96 -0.28 0.00	14.18 -0.20 0.00	14.26 -0.20 0.00	8.02 -0.08 0.00	8.35 -0.16 0.00	10.48 -0.34 0.00	13.39 -0.41 0.00	17.26 -0.45 0.00	20.41 -0.66 0.00	19.79 -0.60 0.00	21.34 -0.94 0.00	19.82 -0.85 0.00	18.47 -0.57 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	21.95 0.47 0.00	18.85 0.52 0.00	16.70 0.39 0.00	17.96 0.44 0.00	19.08 0.53 0.00	20.58 0.50 0.00	19.76 0.32 0.00	19.71 0.31 0.00	20.53 0.23 0.00	19.00 -0.12 0.00	19.18 -0.55 0.00	17.81 -0.43 0.00	13.93 -0.44 0.00	14.05 -0.42 0.00	7.85 -0.26 0.00	8.25 -0.26 0.00	10.46 -0.36 0.00	13.51 -0.30 0.00	17.54 -0.16 0.00	21.32 0.26 0.00	20.58 0.19 0.00	22.69 0.42 0.00	21.15 0.47 0.00	19.63 0.59 0.00
LACHUTE____HYDRO 323717	23.12 1.63 0.00	19.63 1.30 0.00	17.42 1.11 0.00	18.69 1.17 0.00	19.76 1.20 0.00	21.29 1.20 0.00	20.60 1.16 0.00	20.73 1.33 0.00	21.64 1.33 0.00	20.28 1.17 0.00	20.83 1.10 0.00	19.23 0.99 0.00	15.11 0.74 0.00	15.13 0.66 0.00	8.39 0.28 0.00	8.84 0.33 0.00	11.31 0.50 0.00	14.74 0.93 0.00	18.95 1.24 0.00	22.88 1.82 0.00	21.97 1.57 0.00	23.79 1.51 0.00	21.96 1.29 0.00	20.14 1.10 0.00
LAWRNCV_115KV_TB1 80681	21.04 -0.44 0.00	18.03 -0.31 0.00	16.04 -0.27 0.00	17.22 -0.30 0.00	18.31 -0.25 0.00	19.87 -0.22 0.00	19.16 -0.27 0.00	19.09 -0.31 0.00	19.95 -0.36 0.00	18.58 -0.53 0.00	19.08 -0.65 0.00	17.62 -0.62 0.00	13.83 -0.54 0.00	13.94 -0.53 0.00	7.80 -0.30 0.00	8.17 -0.34 0.00	10.38 -0.44 0.00	13.29 -0.51 0.00	17.16 -0.54 0.00	20.64 -0.43 0.00	19.91 -0.48 0.00	21.96 -0.31 0.00	20.45 -0.22 0.00	18.86 -0.18 0.00
LEDERLE____ 23769	22.27 0.78 0.00	18.88 0.54 0.00	16.75 0.44 0.00	18.02 0.50 0.00	19.05 0.49 0.00	20.64 0.55 0.00	20.04 0.60 0.00	20.06 0.67 0.00	20.98 0.67 0.00	19.83 0.71 0.00	20.48 0.75 0.00	18.98 0.74 0.00	15.01 0.64 0.00	15.12 0.65 0.00	8.46 0.35 0.00	8.93 0.42 0.00	11.40 0.58 0.00	14.59 0.79 0.00	18.61 0.90 0.00	22.09 1.03 0.00	21.43 1.04 0.00	23.31 1.04 0.00	21.52 0.85 0.00	19.74 0.70 0.00
LIGHTHSE_115KV_TB6 355974	21.05 -0.44 0.00	17.89 -0.44 0.00	15.94 -0.37 0.00	17.19 -0.33 0.00	18.26 -0.30 0.00	19.77 -0.32 0.00	19.10 -0.33 0.00	19.06 -0.34 0.00	19.98 -0.33 0.00	18.74 -0.38 0.00	19.25 -0.48 0.00	17.69 -0.55 0.00	13.89 -0.49 0.00	13.92 -0.55 0.00	7.76 -0.34 0.00	8.13 -0.38 0.00	10.33 -0.49 0.00	13.22 -0.58 0.00	17.14 -0.57 0.00	20.57 -0.49 0.00	19.96 -0.43 0.00	21.68 -0.60 0.00	20.17 -0.51 0.00	18.56 -0.47 0.00
LINDEN COGEN____ 23786	22.17 0.68 0.00	18.83 0.50 0.00	16.72 0.42 0.00	17.98 0.46 0.00	18.99 0.43 0.00	20.56 0.47 0.00	19.96 0.52 0.00	20.00 0.61 0.00	20.93 0.62 0.00	19.80 0.69 0.00	20.46 0.73 0.00	18.98 0.74 0.00	15.04 0.67 0.00	15.13 0.66 0.00	8.47 0.36 0.00	8.94 0.43 0.00	11.41 0.59 0.00	14.61 0.80 0.00	18.60 0.89 0.00	22.01 0.95 0.00	21.35 0.96 0.00	23.22 0.94 0.00	21.43 0.76 0.00	19.67 0.63 0.00
LINDHRST_69_KV_BK1 356055	22.61 1.12 0.00	19.26 0.92 0.00	17.04 0.73 0.00	18.29 0.77 0.00	19.33 0.77 0.00	20.85 0.77 0.00	20.24 0.80 0.00	20.18 0.79 0.00	20.99 0.68 0.00	19.87 0.75 0.00	20.61 0.87 0.00	19.04 0.80 0.00	15.00 0.63 0.00	15.07 0.60 0.00	8.45 0.35 0.00	8.94 0.43 0.00	11.49 0.68 0.00	14.76 0.96 0.00	18.75 1.05 0.00	22.33 1.27 0.00	21.64 1.25 0.00	23.62 1.34 0.00	21.84 1.17 0.00	19.98 0.94 0.00
LIPA_MISC_IPP 23656	22.60 1.11 0.00	19.32 0.98 0.00	17.10 0.79 0.00	18.35 0.84 0.00	19.39 0.83 0.00	20.88 0.80 0.00	20.31 0.87 0.00	20.24 0.85 0.00	21.00 0.69 0.00	19.86 0.75 0.00	20.57 0.84 0.00	19.00 0.76 0.00	14.94 0.57 0.00	14.97 0.51 0.00	8.38 0.28 0.00	8.87 0.36 0.00	11.41 0.59 0.00	14.75 0.95 0.00	18.71 1.00 0.00	22.28 1.21 0.00	21.58 1.19 0.00	23.55 1.28 0.00	21.86 1.18 0.00	19.98 0.94 0.00
LISF____SOLAR 323691	22.63 1.15 0.00	19.35 1.01 0.00	17.13 0.82 0.00	18.38 0.86 0.00	19.43 0.87 0.00	20.92 0.84 0.00	20.34 0.90 0.00	20.29 0.89 0.00	21.01 0.71 0.00	19.87 0.76 0.00	20.58 0.84 0.00	19.00 0.76 0.00	14.93 0.56 0.00	14.97 0.51 0.00	8.38 0.28 0.00	8.87 0.36 0.00	11.41 0.60 0.00	14.77 0.97 0.00	18.73 1.02 0.00	22.31 1.25 0.00	21.62 1.22 0.00	23.59 1.31 0.00	21.90 1.23 0.00	20.01 0.97 0.00
LITTLE FALLS____HYD 24013	21.25 -0.23 0.00	18.00 -0.33 0.00	16.00 -0.31 0.00	17.15 -0.36 0.00	18.10 -0.45 0.00	19.60 -0.48 0.00	19.03 -0.40 0.00	19.04 -0.35 0.00	19.90 -0.40 0.00	18.83 -0.29 0.00	19.33 -0.40 0.00	17.90 -0.35 0.00	14.08 -0.29 0.00	14.14 -0.32 0.00	7.91 -0.20 0.00	8.30 -0.21 0.00	10.62 -0.20 0.00	13.58 -0.23 0.00	17.47 -0.24 0.00	20.83 -0.24 0.00	20.32 -0.08 0.00	22.12 -0.16 0.00	20.49 -0.18 0.00	18.78 -0.27 0.00

LITTLRIV_115KV_TB1 356100	21.30 -0.19 0.00	18.26 -0.08 0.00	16.23 -0.08 0.00	17.43 -0.09 0.00	18.53 -0.03 0.00	20.12 0.04 0.00	19.41 -0.02 0.00	19.34 -0.06 0.00	20.19 -0.11 0.00	18.73 -0.38 0.00	19.20 -0.54 0.00	17.71 -0.53 0.00	13.90 -0.47 0.00	14.02 -0.45 0.00	7.85 -0.25 0.00	8.22 -0.29 0.00	10.44 -0.37 0.00	13.40 -0.41 0.00	17.32 -0.39 0.00	20.92 -0.14 0.00	20.20 -0.19 0.00	22.28 0.00 0.00	20.74 0.07 0.00	19.11 0.07 0.00
LI_NEWBRDGE___DRP 323616	22.27 0.78 0.00	18.96 0.62 0.00	16.79 0.48 0.00	18.03 0.52 0.00	19.05 0.49 0.00	20.56 0.47 0.00	19.94 0.51 0.00	19.90 0.50 0.00	20.72 0.41 0.00	19.64 0.52 0.00	20.38 0.65 0.00	18.85 0.61 0.00	14.86 0.49 0.00	14.95 0.48 0.00	8.38 0.28 0.00	8.86 0.35 0.00	11.36 0.54 0.00	14.57 0.77 0.00	18.50 0.79 0.00	21.98 0.91 0.00	21.29 0.90 0.00	23.24 0.96 0.00	21.48 0.81 0.00	19.67 0.63 0.00
LOCKPORT_115KV_TB60_63_64 80432	21.49 0.00 0.00	18.42 0.08 0.00	16.35 0.05 0.00	17.58 0.06 0.00	18.77 0.22 0.00	20.39 0.31 0.00	19.55 0.11 0.00	19.22 -0.18 0.00	20.26 -0.05 0.00	19.00 -0.11 0.00	19.66 -0.08 0.00	18.01 -0.23 0.00	14.22 -0.15 0.00	14.29 -0.18 0.00	8.05 -0.05 0.00	8.36 -0.15 0.00	10.45 -0.37 0.00	13.36 -0.44 0.00	17.27 -0.43 0.00	20.42 -0.65 0.00	19.85 -0.55 0.00	21.34 -0.94 0.00	19.83 -0.84 0.00	18.61 -0.43 0.00
LOCKPORT___CC1 323769	21.48 -0.01 0.00	18.42 0.08 0.00	16.35 0.04 0.00	17.57 0.05 0.00	18.77 0.21 0.00	20.39 0.31 0.00	19.55 0.11 0.00	19.23 -0.17 0.00	20.27 -0.04 0.00	19.02 -0.10 0.00	19.66 -0.07 0.00	18.02 -0.23 0.00	14.24 -0.14 0.00	14.30 -0.16 0.00	8.06 -0.05 0.00	8.37 -0.14 0.00	10.46 -0.36 0.00	13.38 -0.42 0.00	17.27 -0.43 0.00	20.42 -0.64 0.00	19.84 -0.55 0.00	21.34 -0.94 0.00	19.82 -0.85 0.00	18.60 -0.44 0.00
LOCKPORT___CC2 323770	21.48 -0.01 0.00	18.42 0.08 0.00	16.35 0.04 0.00	17.57 0.05 0.00	18.77 0.21 0.00	20.39 0.31 0.00	19.55 0.11 0.00	19.23 -0.17 0.00	20.27 -0.04 0.00	19.02 -0.10 0.00	19.66 -0.07 0.00	18.02 -0.23 0.00	14.24 -0.14 0.00	14.30 -0.16 0.00	8.06 -0.05 0.00	8.37 -0.14 0.00	10.46 -0.36 0.00	13.38 -0.42 0.00	17.27 -0.43 0.00	20.42 -0.64 0.00	19.84 -0.55 0.00	21.34 -0.94 0.00	19.82 -0.85 0.00	18.60 -0.44 0.00
LOCKPORT___CC3 323771	21.48 -0.01 0.00	18.42 0.08 0.00	16.35 0.04 0.00	17.57 0.05 0.00	18.77 0.21 0.00	20.39 0.31 0.00	19.55 0.11 0.00	19.23 -0.17 0.00	20.27 -0.04 0.00	19.02 -0.10 0.00	19.66 -0.07 0.00	18.02 -0.23 0.00	14.24 -0.14 0.00	14.30 -0.16 0.00	8.06 -0.05 0.00	8.37 -0.14 0.00	10.46 -0.36 0.00	13.38 -0.42 0.00	17.27 -0.43 0.00	20.42 0.00 0.00	19.84 -0.55 0.00	21.34 -0.94 0.00	19.82 -0.85 0.00	18.60 -0.44 0.00
LONG_LAKE_PHOENIX 24014	21.10 -0.39 0.00	17.99 -0.35 0.00	15.99 -0.32 0.00	17.19 -0.33 0.00	18.22 -0.34 0.00	19.73 -0.35 0.00	19.10 -0.34 0.00	19.06 -0.34 0.00	19.99 -0.32 0.00	18.83 -0.29 0.00	19.45 -0.29 0.00	17.94 -0.31 0.00	14.12 -0.25 0.00	14.16 -0.30 0.00	7.93 -0.18 0.00	8.31 -0.20 0.00	10.53 -0.29 0.00	13.45 -0.36 0.00	17.32 -0.39 0.00	20.62 -0.44 0.00	20.00 -0.39 0.00	21.74 -0.53 0.00	20.16 -0.51 0.00	18.57 -0.47 0.00
LOVETT___3 23632	22.15 0.66 0.00	18.78 0.44 0.00	16.67 0.36 0.00	17.93 0.42 0.00	18.95 0.40 0.00	20.53 0.44 0.00	19.93 0.50 0.00	19.95 0.56 0.00	20.86 0.55 0.00	19.72 0.60 0.00	20.38 0.65 0.00	18.88 0.64 0.00	14.93 0.56 0.00	15.03 0.57 0.00	8.41 0.31 0.00	8.89 0.38 0.00	11.33 0.52 0.00	14.51 0.70 0.00	18.50 0.79 0.00	21.96 0.89 0.00	21.30 0.90 0.00	23.17 0.90 0.00	21.40 0.73 0.00	19.63 0.59 0.00
LOVETT___4 23642	22.15 0.66 0.00	18.78 0.44 0.00	16.67 0.36 0.00	17.93 0.42 0.00	18.95 0.40 0.00	20.53 0.44 0.00	19.93 0.50 0.00	19.95 0.56 0.00	20.86 0.55 0.00	19.72 0.60 0.00	20.38 0.65 0.00	18.88 0.64 0.00	14.93 0.56 0.00	15.03 0.57 0.00	8.41 0.31 0.00	8.89 0.38 0.00	11.33 0.52 0.00	14.51 0.70 0.00	18.50 0.79 0.00	21.96 0.89 0.00	21.30 0.90 0.00	23.17 0.90 0.00	21.40 0.73 0.00	19.63 0.59 0.00
LOVETT___5 23593	22.15 0.66 0.00	18.78 0.44 0.00	16.67 0.36 0.00	17.93 0.42 0.00	18.95 0.40 0.00	20.53 0.44 0.00	19.93 0.50 0.00	19.95 0.56 0.00	20.86 0.55 0.00	19.72 0.60 0.00	20.38 0.65 0.00	18.88 0.64 0.00	14.93 0.56 0.00	15.03 0.57 0.00	8.41 0.31 0.00	8.89 0.38 0.00	11.33 0.52 0.00	14.51 0.70 0.00	18.50 0.79 0.00	21.96 0.89 0.00	21.30 0.90 0.00	23.17 0.90 0.00	21.40 0.73 0.00	19.63 0.59 0.00
LOWER RAQUET___HYD 24057	20.92 -0.57 0.00	17.92 -0.41 0.00	15.95 -0.36 0.00	17.13 -0.39 0.00	18.21 -0.34 0.00	19.77 -0.32 0.00	19.06 -0.38 0.00	18.99 -0.41 0.00	19.84 -0.47 0.00	18.46 -0.65 0.00	18.94 -0.79 0.00	17.49 -0.75 0.00	13.72 -0.65 0.00	13.82 -0.64 0.00	7.74 -0.37 0.00	8.10 -0.41 0.00	10.28 -0.53 0.00	13.19 -0.61 0.00	17.04 -0.66 0.00	20.52 -0.54 0.00	19.81 -0.59 0.00	21.84 -0.43 0.00	20.34 -0.33 0.00	18.77 -0.28 0.00
LOWER___HUDSON 24059	21.91 0.43 0.00	18.67 0.33 0.00	16.60 0.30 0.00	17.83 0.31 0.00	18.85 0.29 0.00	20.35 0.27 0.00	19.72 0.28 0.00	19.71 0.31 0.00	20.62 0.31 0.00	19.44 0.33 0.00	20.10 0.37 0.00	18.56 0.31 0.00	14.62 0.25 0.00	14.69 0.23 0.00	8.21 0.11 0.00	8.64 0.13 0.00	11.02 0.20 0.00	14.12 0.32 0.00	18.08 0.38 0.00	21.48 0.42 0.00	20.79 0.40 0.00	22.66 0.38 0.00	21.03 0.36 0.00	19.37 0.33 0.00
LOWVILLE_115KV_TB2 356335	21.42 -0.07 0.00	18.13 -0.21 0.00	16.22 -0.08 0.00	17.55 0.03 0.00	18.71 0.15 0.00	20.31 0.23 0.00	19.63 0.20 0.00	19.58 0.18 0.00	20.51 0.20 0.00	19.13 0.01 0.00	19.59 -0.15 0.00	17.98 -0.27 0.00	14.01 -0.37 0.00	14.01 -0.46 0.00	7.76 -0.34 0.00	8.09 -0.42 0.00	10.32 -0.50 0.00	13.30 -0.51 0.00	17.39 -0.31 0.00	21.13 0.07 0.00	20.42 0.03 0.00	22.16 -0.12 0.00	20.63 -0.04 0.00	18.99 -0.05 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.15 0.67 0.00	18.85 0.52 0.00	16.77 0.46 0.00	18.01 0.49 0.00	19.05 0.49 0.00	20.57 0.48 0.00	19.95 0.51 0.00	19.96 0.56 0.00	20.88 0.58 0.00	19.67 0.55 0.00	20.31 0.58 0.00	18.76 0.52 0.00	14.76 0.38 0.00	14.81 0.34 0.00	8.27 0.16 0.00	8.70 0.19 0.00	11.09 0.28 0.00	14.25 0.45 0.00	18.31 0.60 0.00	21.81 0.75 0.00	21.10 0.71 0.00	22.96 0.69 0.00	21.29 0.61 0.00	19.57 0.53 0.00
LUTHERNY_35_KV_BK2 355980	22.15 0.67 0.00	18.84 0.51 0.00	16.76 0.45 0.00	18.00 0.48 0.00	19.04 0.48 0.00	20.57 0.48 0.00	19.95 0.52 0.00	19.97 0.57 0.00	20.89 0.58 0.00	19.67 0.55 0.00	20.30 0.57 0.00	18.77 0.52 0.00	14.75 0.38 0.00	14.81 0.35 0.00	8.27 0.16 0.00	8.70 0.19 0.00	11.08 0.27 0.00	14.25 0.45 0.00	18.33 0.62 0.00	21.84 0.78 0.00	21.12 0.73 0.00	22.98 0.70 0.00	21.29 0.62 0.00	19.56 0.52 0.00

LWR___OSWEGATCHIE_HYD 23850	21.07 -0.42 0.00	17.94 -0.40 0.00	16.00 -0.30 0.00	17.26 -0.26 0.00	18.38 -0.18 0.00	19.95 -0.13 0.00	19.23 -0.20 0.00	19.17 -0.23 0.00	20.05 -0.26 0.00	18.67 -0.45 0.00	19.11 -0.62 0.00	17.58 -0.67 0.00	13.74 -0.63 0.00	13.79 -0.67 0.00	7.68 -0.42 0.00	8.03 -0.49 0.00	10.22 -0.60 0.00	13.14 -0.66 0.00	17.11 -0.60 0.00	20.71 -0.35 0.00	20.01 -0.38 0.00	21.91 -0.36 0.00	20.39 -0.28 0.00	18.79 -0.26 0.00
LYONS_FALL_HYD 23570	21.61 0.12 0.00	18.33 0.00 0.00	16.36 0.05 0.00	17.65 0.14 0.00	18.78 0.22 0.00	20.37 0.28 0.00	19.70 0.26 0.00	19.66 0.26 0.00	20.60 0.29 0.00	19.29 0.18 0.00	19.82 0.09 0.00	18.24 0.00 0.00	14.27 -0.11 0.00	14.27 -0.19 0.00	7.94 -0.17 0.00	8.29 -0.22 0.00	10.57 -0.25 0.00	13.57 -0.23 0.00	17.65 -0.05 0.00	21.31 0.24 0.00	20.61 0.22 0.00	22.40 0.13 0.00	20.82 0.14 0.00	19.15 0.12 0.00
MADISON___COUNTY_LFGE 323628	21.93 0.45 0.00	18.67 0.34 0.00	16.60 0.30 0.00	17.84 0.32 0.00	18.92 0.36 0.00	20.51 0.42 0.00	19.87 0.43 0.00	19.83 0.44 0.00	20.80 0.49 0.00	19.58 0.46 0.00	20.20 0.47 0.00	18.65 0.40 0.00	14.64 0.27 0.00	14.63 0.16 0.00	8.16 0.05 0.00	8.54 0.04 0.00	10.87 0.05 0.00	13.91 0.11 0.00	18.01 0.30 0.00	21.61 0.55 0.00	20.97 0.57 0.00	22.80 0.53 0.00	21.13 0.46 0.00	19.44 0.40 0.00
MALONE___115KV_TB1 356076	21.69 0.20 0.00	18.61 0.27 0.00	16.50 0.20 0.00	17.75 0.23 0.00	18.89 0.34 0.00	20.45 0.37 0.00	19.67 0.23 0.00	19.60 0.20 0.00	20.46 0.15 0.00	18.95 -0.16 0.00	19.26 -0.48 0.00	17.80 -0.45 0.00	13.93 -0.45 0.00	14.06 -0.41 0.00	7.86 -0.24 0.00	8.25 -0.26 0.00	10.44 -0.37 0.00	13.45 -0.35 0.00	17.46 -0.25 0.00	21.17 0.10 0.00	20.45 0.05 0.00	22.55 0.27 0.00	20.98 0.31 0.00	19.42 0.38 0.00
MAPLEWOD_115KV_TB3 80458	22.02 0.53 0.00	18.76 0.42 0.00	16.68 0.38 0.00	17.91 0.40 0.00	18.94 0.38 0.00	20.46 0.37 0.00	19.82 0.38 0.00	19.78 0.39 0.00	20.72 0.41 0.00	19.54 0.43 0.00	20.22 0.49 0.00	18.67 0.43 0.00	14.72 0.34 0.00	14.79 0.33 0.00	8.27 0.17 0.00	8.70 0.19 0.00	11.09 0.27 0.00	14.18 0.38 0.00	18.12 0.41 0.00	21.44 0.38 0.00	20.78 0.38 0.00	22.69 0.41 0.00	21.05 0.38 0.00	19.40 0.36 0.00
MAPLE_RIDGE_WT_1 323574	21.35 -0.13 0.00	18.20 -0.14 0.00	16.23 -0.08 0.00	17.46 -0.05 0.00	18.55 -0.01 0.00	20.10 0.01 0.00	19.42 -0.02 0.00	19.36 -0.04 0.00	20.26 -0.05 0.00	18.99 -0.12 0.00	19.59 -0.14 0.00	18.08 -0.16 0.00	14.20 -0.17 0.00	14.31 -0.15 0.00	8.00 -0.10 0.00	8.37 -0.14 0.00	10.63 -0.19 0.00	13.57 -0.24 0.00	17.47 -0.24 0.00	20.90 -0.16 0.00	20.15 -0.25 0.00	22.08 -0.20 0.00	20.56 -0.11 0.00	18.99 -0.05 0.00
MAPLE_RIDGE_WT_2 323611	21.35 -0.13 0.00	18.20 -0.14 0.00	16.23 -0.08 0.00	17.46 -0.05 0.00	18.55 -0.01 0.00	20.10 0.01 0.00	19.42 -0.02 0.00	19.36 -0.04 0.00	20.26 -0.05 0.00	18.99 -0.12 0.00	19.59 -0.14 0.00	18.08 -0.16 0.00	14.20 -0.17 0.00	14.31 -0.15 0.00	8.00 -0.10 0.00	8.37 -0.14 0.00	10.63 -0.19 0.00	13.57 -0.24 0.00	17.47 -0.24 0.00	20.90 -0.16 0.00	20.15 -0.25 0.00	22.08 -0.20 0.00	20.56 -0.11 0.00	18.99 -0.05 0.00
MARBLE_RIVER_WT_PWR 323696	21.62 0.14 0.00	18.57 0.23 0.00	16.46 0.15 0.00	17.71 0.19 0.00	18.84 0.28 0.00	20.35 0.27 0.00	19.54 0.10 0.00	19.45 0.06 0.00	20.27 -0.03 0.00	18.76 -0.35 0.00	19.00 -0.74 0.00	17.61 -0.63 0.00	13.79 -0.59 0.00	13.92 -0.54 0.00	7.79 -0.32 0.00	8.19 -0.33 0.00	10.36 -0.46 0.00	13.36 -0.44 0.00	17.34 -0.37 0.00	21.05 -0.01 0.00	20.33 -0.06 0.00	22.39 0.11 0.00	20.84 0.17 0.00	19.35 0.31 0.00
MARSHVLE_115KV_TB1 80742	22.75 1.27 0.00	19.43 1.09 0.00	17.24 0.93 0.00	18.53 1.02 0.00	19.63 1.08 0.00	21.34 1.25 0.00	20.65 1.22 0.00	20.56 1.17 0.00	21.57 1.26 0.00	20.23 1.11 0.00	20.87 1.14 0.00	19.28 1.04 0.00	15.15 0.78 0.00	15.26 0.79 0.00	8.53 0.42 0.00	8.91 0.40 0.00	11.28 0.46 0.00	14.37 0.57 0.00	18.60 0.89 0.00	22.39 1.32 0.00	21.77 1.38 0.00	23.76 1.49 0.00	22.00 1.33 0.00	20.26 1.22 0.00
MARSH_HILL_WT_PWR 323713	21.94 0.45 0.00	18.55 0.21 0.00	16.32 0.02 0.00	17.53 0.01 0.00	18.56 0.00 0.00	19.97 -0.11 0.00	19.29 -0.14 0.00	19.54 0.15 0.00	20.66 0.35 0.00	19.57 0.45 0.00	20.22 0.49 0.00	18.72 0.47 0.00	14.74 0.37 0.00	14.70 0.23 0.00	8.19 0.08 0.00	8.52 0.01 0.00	10.84 0.03 0.00	13.97 0.17 0.00	18.24 0.53 0.00	21.76 0.70 0.00	21.16 0.76 0.00	23.10 0.83 0.00	21.34 0.67 0.00	19.47 0.43 0.00
MCINTYRE_115KV_TB2 80467	21.57 0.08 0.00	18.50 0.16 0.00	16.45 0.14 0.00	17.65 0.13 0.00	18.76 0.20 0.00	20.38 0.30 0.00	19.67 0.23 0.00	19.59 0.20 0.00	20.44 0.14 0.00	18.92 -0.19 0.00	19.40 -0.33 0.00	17.92 -0.33 0.00	14.07 -0.30 0.00	14.19 -0.27 0.00	7.95 -0.15 0.00	8.33 -0.18 0.00	10.58 -0.23 0.00	13.56 -0.24 0.00	17.52 -0.19 0.00	21.19 0.13 0.00	20.47 0.07 0.00	22.58 0.31 0.00	21.02 0.35 0.00	19.37 0.33 0.00
MECO____69_KV_BK1 80468	23.53 2.04 0.00	20.04 1.71 0.00	17.78 1.48 0.00	19.11 1.59 0.00	20.23 1.67 0.00	21.99 1.91 0.00	21.32 1.89 0.00	21.31 1.92 0.00	22.33 2.02 0.00	20.91 1.80 0.00	21.46 1.73 0.00	19.78 1.54 0.00	15.53 1.16 0.00	15.56 1.09 0.00	8.62 0.52 0.00	9.00 0.49 0.00	11.38 0.56 0.00	14.65 0.84 0.00	19.22 1.52 0.00	23.29 2.22 0.00	22.64 2.25 0.00	24.64 2.36 0.00	22.75 2.08 0.00	20.88 1.84 0.00
MENANDS___115KV_TB5 355628	21.98 0.49 0.00	18.73 0.39 0.00	16.66 0.35 0.00	17.89 0.38 0.00	18.92 0.36 0.00	20.43 0.34 0.00	19.79 0.35 0.00	19.76 0.36 0.00	20.67 0.37 0.00	19.52 0.40 0.00	20.20 0.47 0.00	18.65 0.41 0.00	14.70 0.33 0.00	14.78 0.32 0.00	8.27 0.16 0.00	8.70 0.19 0.00	11.09 0.27 0.00	14.17 0.37 0.00	18.07 0.36 0.00	21.35 0.29 0.00	20.69 0.29 0.00	22.61 0.33 0.00	20.98 0.31 0.00	19.34 0.30 0.00
MG INDUSTRY___DRP 24185	22.02 0.53 0.00	18.77 0.43 0.00	16.70 0.40 0.00	17.95 0.43 0.00	18.97 0.42 0.00	20.48 0.40 0.00	19.84 0.40 0.00	19.80 0.41 0.00	20.74 0.43 0.00	19.57 0.46 0.00	20.24 0.51 0.00	18.69 0.45 0.00	14.72 0.35 0.00	14.80 0.34 0.00	8.29 0.18 0.00	8.71 0.20 0.00	11.10 0.28 0.00	14.17 0.36 0.00	18.08 0.38 0.00	21.41 0.34 0.00	20.73 0.34 0.00	22.65 0.38 0.00	21.02 0.34 0.00	19.38 0.33 0.00
MID___OSWEGATCHIE_HYD 23849	21.07 -0.42 0.00	17.94 -0.40 0.00	16.00 -0.30 0.00	17.26 -0.26 0.00	18.38 -0.18 0.00	19.95 -0.13 0.00	19.23 -0.20 0.00	19.17 -0.23 0.00	20.05 -0.26 0.00	18.67 -0.45 0.00	19.11 -0.62 0.00	17.58 -0.67 0.00	13.74 -0.63 0.00	13.79 -0.67 0.00	7.68 -0.42 0.00	8.03 -0.49 0.00	10.22 -0.60 0.00	13.14 -0.66 0.00	17.11 -0.60 0.00	20.71 -0.35 0.00	20.01 -0.38 0.00	21.91 -0.36 0.00	20.39 -0.28 0.00	18.79 -0.26 0.00

MID___RAQUETTE_HYD 23851	20.92 -0.57 0.00	17.92 -0.41 0.00	15.95 -0.36 0.00	17.13 -0.39 0.00	18.21 -0.34 0.00	19.77 -0.32 0.00	19.06 -0.38 0.00	18.99 -0.41 0.00	19.84 -0.47 0.00	18.46 -0.65 0.00	18.94 -0.79 0.00	17.49 -0.75 0.00	13.72 -0.66 0.00	13.82 -0.64 0.00	7.74 -0.37 0.00	8.10 -0.41 0.00	10.28 -0.53 0.00	13.19 -0.61 0.00	17.04 -0.66 0.00	20.52 -0.54 0.00	19.81 -0.59 0.00	21.84 -0.43 0.00	20.34 -0.33 0.00	18.77 -0.28 0.00
MILLIKEN___1 23584	21.76 0.27 0.00	18.49 0.15 0.00	16.42 0.11 0.00	17.64 0.12 0.00	18.72 0.17 0.00	20.30 0.21 0.00	19.65 0.22 0.00	19.64 0.25 0.00	20.62 0.32 0.00	19.40 0.29 0.00	19.96 0.23 0.00	18.41 0.17 0.00	14.50 0.13 0.00	14.53 0.06 0.00	8.11 0.01 0.00	8.51 -0.01 0.00	10.80 -0.01 0.00	13.84 0.03 0.00	17.93 0.22 0.00	21.38 0.31 0.00	20.74 0.35 0.00	22.54 0.27 0.00	20.87 0.20 0.00	19.18 0.14 0.00
MILLIKEN___2 23585	21.76 0.27 0.00	18.49 0.15 0.00	16.42 0.11 0.00	17.64 0.12 0.00	18.72 0.17 0.00	20.30 0.21 0.00	19.65 0.22 0.00	19.64 0.25 0.00	20.62 0.32 0.00	19.40 0.29 0.00	19.96 0.23 0.00	18.41 0.17 0.00	14.50 0.13 0.00	14.53 0.06 0.00	8.11 0.01 0.00	8.51 -0.01 0.00	10.80 -0.01 0.00	13.84 0.03 0.00	17.93 0.22 0.00	21.38 0.31 0.00	20.74 0.35 0.00	22.54 0.27 0.00	20.87 0.20 0.00	19.18 0.14 0.00
MILLIKEN___DIESEL 23629	21.76 0.27 0.00	18.49 0.15 0.00	16.42 0.11 0.00	17.64 0.12 0.00	18.72 0.17 0.00	20.30 0.21 0.00	19.65 0.22 0.00	19.64 0.25 0.00	20.62 0.32 0.00	19.40 0.29 0.00	19.96 0.23 0.00	18.41 0.17 0.00	14.50 0.13 0.00	14.53 0.06 0.00	8.11 0.01 0.00	8.51 -0.01 0.00	10.80 -0.01 0.00	13.84 0.03 0.00	17.93 0.22 0.00	21.38 0.31 0.00	20.74 0.35 0.00	22.54 0.27 0.00	20.87 0.20 0.00	19.18 0.14 0.00
MILLSEAT___LFGE 323607	21.76 0.27 0.00	18.63 0.30 0.00	16.54 0.23 0.00	17.78 0.26 0.00	18.98 0.42 0.00	20.62 0.54 0.00	19.80 0.36 0.00	19.50 0.11 0.00	20.56 0.25 0.00	19.28 0.17 0.00	19.93 0.20 0.00	18.25 0.01 0.00	14.38 0.01 0.00	14.42 -0.05 0.00	8.10 0.00 0.00	8.41 -0.10 0.00	10.54 -0.28 0.00	13.49 -0.32 0.00	17.50 -0.21 0.00	20.77 -0.29 0.00	20.20 -0.19 0.00	21.73 -0.55 0.00	20.17 -0.50 0.00	18.87 -0.17 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.17 0.68 0.00	18.82 0.49 0.00	16.71 0.41 0.00	17.96 0.45 0.00	18.99 0.43 0.00	20.55 0.46 0.00	19.95 0.51 0.00	19.97 0.58 0.00	20.88 0.58 0.00	19.74 0.63 0.00	20.40 0.67 0.00	18.90 0.66 0.00	14.95 0.58 0.00	15.05 0.58 0.00	8.43 0.32 0.00	8.89 0.38 0.00	11.35 0.53 0.00	14.53 0.73 0.00	18.52 0.81 0.00	21.97 0.91 0.00	21.31 0.92 0.00	23.18 0.91 0.00	21.42 0.75 0.00	19.66 0.62 0.00
MILLWOOD_13_KV_LOAD 356217	22.22 0.73 0.00	18.86 0.53 0.00	16.75 0.44 0.00	18.00 0.49 0.00	19.03 0.47 0.00	20.59 0.51 0.00	19.99 0.56 0.00	20.02 0.62 0.00	20.93 0.63 0.00	19.79 0.67 0.00	20.45 0.72 0.00	18.94 0.70 0.00	14.97 0.60 0.00	15.08 0.61 0.00	8.44 0.33 0.00	8.91 0.40 0.00	11.38 0.56 0.00	14.56 0.76 0.00	18.56 0.86 0.00	22.03 0.97 0.00	21.37 0.97 0.00	23.25 0.97 0.00	21.47 0.79 0.00	19.70 0.66 0.00
MODEL_CITY_ENERGY 24167	21.30 -0.19 0.00	18.28 -0.06 0.00	16.22 -0.08 0.00	17.43 -0.09 0.00	18.61 0.05 0.00	20.20 0.11 0.00	19.34 -0.09 0.00	19.02 -0.38 0.00	20.05 -0.26 0.00	18.80 -0.32 0.00	19.45 -0.29 0.00	17.82 -0.42 0.00	14.09 -0.28 0.00	14.16 -0.31 0.00	7.98 -0.12 0.00	8.29 -0.22 0.00	10.35 -0.47 0.00	13.24 -0.56 0.00	17.08 -0.63 0.00	20.19 -0.88 0.00	19.62 -0.77 0.00	21.08 -1.19 0.00	19.60 -1.07 0.00	18.43 -0.61 0.00
MODERN_LFGE___ 323580	21.30 -0.19 0.00	18.28 -0.06 0.00	16.22 -0.08 0.00	17.43 -0.09 0.00	18.61 0.05 0.00	20.20 0.11 0.00	19.34 -0.09 0.00	19.02 -0.38 0.00	20.05 -0.26 0.00	18.80 -0.32 0.00	19.45 -0.29 0.00	17.82 -0.42 0.00	14.09 -0.28 0.00	14.16 -0.31 0.00	7.98 -0.12 0.00	8.29 -0.22 0.00	10.35 -0.47 0.00	13.24 -0.56 0.00	17.08 -0.63 0.00	20.19 -0.88 0.00	19.62 -0.77 0.00	21.08 -1.19 0.00	19.60 -1.07 0.00	18.43 -0.61 0.00
MOHAWK_PAPER___DRP 24187	22.02 0.53 0.00	18.76 0.42 0.00	16.68 0.38 0.00	17.91 0.40 0.00	18.94 0.38 0.00	20.46 0.37 0.00	19.82 0.38 0.00	19.78 0.39 0.00	20.72 0.41 0.00	19.54 0.43 0.00	20.22 0.49 0.00	18.67 0.43 0.00	14.72 0.34 0.00	14.79 0.33 0.00	8.27 0.17 0.00	8.70 0.19 0.00	11.09 0.27 0.00	14.18 0.38 0.00	18.12 0.41 0.00	21.44 0.38 0.00	20.78 0.38 0.00	22.69 0.41 0.00	21.05 0.38 0.00	19.40 0.36 0.00
MOHICAN__35_KV_115KV_LD 80490	22.22 0.73 0.00	18.89 0.56 0.00	16.77 0.46 0.00	18.03 0.51 0.00	19.06 0.50 0.00	20.56 0.47 0.00	19.95 0.52 0.00	20.00 0.61 0.00	20.91 0.60 0.00	19.71 0.59 0.00	20.32 0.59 0.00	18.75 0.51 0.00	14.74 0.37 0.00	14.78 0.31 0.00	8.22 0.12 0.00	8.66 0.15 0.00	11.06 0.25 0.00	14.25 0.45 0.00	18.35 0.64 0.00	21.93 0.87 0.00	21.18 0.79 0.00	23.00 0.73 0.00	21.31 0.64 0.00	19.57 0.53 0.00
MONGAUP___HYD 23641	22.07 0.58 0.00	18.75 0.41 0.00	16.64 0.34 0.00	17.94 0.42 0.00	18.92 0.36 0.00	20.49 0.40 0.00	19.89 0.45 0.00	19.90 0.51 0.00	20.75 0.44 0.00	19.53 0.42 0.00	20.14 0.41 0.00	18.54 0.30 0.00	14.63 0.26 0.00	14.71 0.24 0.00	8.24 0.13 0.00	8.68 0.17 0.00	11.09 0.27 0.00	14.27 0.47 0.00	18.18 0.47 0.00	21.67 0.60 0.00	21.03 0.64 0.00	22.92 0.65 0.00	21.34 0.67 0.00	19.62 0.58 0.00
MONTAUK___DIESEL 23721	22.89 1.40 0.00	19.78 1.44 0.00	17.51 1.21 0.00	18.78 1.26 0.00	19.86 1.31 0.00	21.41 1.33 0.00	20.86 1.42 0.00	20.80 1.39 0.00	21.53 1.22 0.00	20.32 1.20 0.00	21.03 1.30 0.00	19.38 1.14 0.00	15.19 0.82 0.00	15.04 0.57 0.00	8.36 0.25 0.00	8.83 0.32 0.00	11.33 0.52 0.00	14.69 0.89 0.00	18.74 1.04 0.00	22.38 1.32 0.00	21.73 1.33 0.00	23.98 1.71 0.00	22.35 1.68 0.00	20.47 1.43 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.33 0.84 0.00	18.95 0.61 0.00	16.69 0.39 0.00	17.94 0.42 0.00	19.16 0.60 0.00	20.98 0.90 0.00	20.32 0.89 0.00	20.19 0.79 0.00	21.32 1.02 0.00	20.12 1.00 0.00	20.80 1.06 0.00	19.09 0.85 0.00	15.07 0.70 0.00	15.11 0.65 0.00	8.49 0.39 0.00	8.84 0.33 0.00	11.10 0.29 0.00	14.18 0.37 0.00	18.35 0.64 0.00	21.72 0.65 0.00	21.10 0.70 0.00	22.76 0.49 0.00	21.09 0.42 0.00	19.49 0.45 0.00
MORTIMER_115KV_TB3 55949	21.48 -0.01 0.00	18.36 0.02 0.00	16.30 -0.01 0.00	17.53 0.01 0.00	18.67 0.11 0.00	20.27 0.18 0.00	19.54 0.10 0.00	19.36 -0.03 0.00	20.35 0.04 0.00	19.13 0.02 0.00	19.77 0.04 0.00	18.15 -0.09 0.00	14.29 -0.08 0.00	14.36 -0.11 0.00	8.06 -0.05 0.00	8.41 -0.10 0.00	10.59 -0.23 0.00	13.54 -0.26 0.00	17.48 -0.23 0.00	20.74 -0.32 0.00	20.14 -0.25 0.00	21.76 -0.52 0.00	20.18 -0.49 0.00	18.73 -0.31 0.00

MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.26 0.77 0.00	18.91 0.58 0.00	16.80 0.49 0.00	18.05 0.53 0.00	19.07 0.51 0.00	20.62 0.54 0.00	20.02 0.58 0.00	20.06 0.67 0.00	20.98 0.68 0.00	19.85 0.74 0.00	20.52 0.78 0.00	19.03 0.79 0.00	15.06 0.69 0.00	15.16 0.69 0.00	8.48 0.38 0.00	8.96 0.45 0.00	11.43 0.62 0.00	14.63 0.83 0.00	18.63 0.92 0.00	22.08 1.02 0.00	21.41 1.02 0.00	23.29 1.02 0.00	21.51 0.84 0.00	19.74 0.70 0.00
MUNSVILLE_WIND_PWR 323609	23.06 1.57 0.00	19.44 1.10 0.00	17.38 1.08 0.00	18.48 0.96 0.00	19.65 1.09 0.00	21.52 1.44 0.00	20.70 1.26 0.00	20.56 1.16 0.00	21.54 1.23 0.00	20.20 1.09 0.00	20.69 0.95 0.00	19.06 0.82 0.00	15.05 0.68 0.00	15.06 0.59 0.00	8.38 0.28 0.00	8.76 0.25 0.00	11.14 0.32 0.00	14.41 0.60 0.00	19.03 1.32 0.00	22.98 1.91 0.00	22.30 1.91 0.00	24.20 1.92 0.00	22.37 1.69 0.00	20.50 1.47 0.00
N SALMON___HYD 24042	21.68 0.20 0.00	18.61 0.27 0.00	16.50 0.20 0.00	17.75 0.23 0.00	18.89 0.34 0.00	20.45 0.37 0.00	19.67 0.23 0.00	19.60 0.20 0.00	20.46 0.15 0.00	18.95 -0.16 0.00	19.26 -0.48 0.00	17.80 -0.44 0.00	13.93 -0.45 0.00	14.06 -0.41 0.00	7.86 -0.24 0.00	8.25 -0.26 0.00	10.44 -0.37 0.00	13.45 -0.35 0.00	17.46 -0.25 0.00	21.17 0.10 0.00	20.45 0.05 0.00	22.55 0.27 0.00	20.98 0.31 0.00	19.42 0.38 0.00
N.AKRON___115KV_KNAPP 355671	21.76 0.28 0.00	18.64 0.30 0.00	16.54 0.24 0.00	17.79 0.27 0.00	18.99 0.43 0.00	20.63 0.55 0.00	19.80 0.37 0.00	19.50 0.11 0.00	20.56 0.25 0.00	19.29 0.17 0.00	19.93 0.21 0.00	18.26 0.02 0.00	14.39 0.02 0.00	14.43 -0.04 0.00	8.11 0.01 0.00	8.42 -0.09 0.00	10.54 -0.28 0.00	13.49 -0.31 0.00	17.51 -0.19 0.00	20.77 -0.30 0.00	20.20 -0.20 0.00	21.73 -0.55 0.00	20.17 -0.50 0.00	18.88 -0.16 0.00
N.BELMOR_69_KV_BK1 55787	22.43 0.94 0.00	19.09 0.75 0.00	16.90 0.59 0.00	18.15 0.64 0.00	19.18 0.62 0.00	20.70 0.62 0.00	20.09 0.65 0.00	20.04 0.65 0.00	20.87 0.56 0.00	19.77 0.66 0.00	20.51 0.78 0.00	18.96 0.72 0.00	14.95 0.58 0.00	15.03 0.57 0.00	8.43 0.32 0.00	8.92 0.41 0.00	11.44 0.61 0.00	14.67 0.87 0.00	18.64 0.93 0.00	22.16 1.10 0.00	21.47 1.08 0.00	23.42 1.15 0.00	21.65 0.97 0.00	19.82 0.78 0.00
N.E_GEN_SANDY PD 24062	21.87 0.38 0.00	18.64 0.30 0.00	16.58 0.27 0.00	17.80 0.28 0.00	18.80 0.24 0.00	20.29 0.20 0.00	19.65 0.21 0.00	19.65 0.26 0.00	20.57 0.26 0.00	19.43 0.32 0.00	20.09 0.36 0.00	18.56 0.31 0.00	14.65 0.28 0.00	14.75 0.28 0.00	8.24 0.14 0.00	8.69 0.18 0.00	10.46 0.26 0.62	14.20 0.40 0.00	18.12 0.41 0.00	21.86 0.46 -0.34	20.84 0.45 0.01	22.70 0.43 0.00	21.05 0.38 0.00	18.93 0.35 0.47
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.19 0.70 0.00	18.81 0.48 0.00	16.70 0.39 0.00	17.96 0.44 0.00	18.98 0.43 0.00	20.56 0.48 0.00	19.97 0.54 0.00	19.99 0.60 0.00	20.90 0.60 0.00	19.75 0.64 0.00	20.41 0.68 0.00	18.91 0.67 0.00	14.96 0.59 0.00	15.06 0.59 0.00	8.43 0.33 0.00	8.90 0.39 0.00	11.36 0.54 0.00	14.54 0.73 0.00	18.53 0.83 0.00	22.00 0.94 0.00	21.34 0.95 0.00	23.23 0.95 0.00	21.45 0.78 0.00	19.67 0.63 0.00
N.QUEENS_27_KV_LOAD 356247	22.31 0.82 0.00	19.02 0.68 0.00	16.86 0.55 0.00	18.11 0.60 0.00	19.13 0.58 0.00	20.66 0.57 0.00	20.13 0.69 0.00	20.14 0.74 0.00	21.05 0.75 0.00	19.96 0.84 0.00	20.60 0.87 0.00	19.13 0.89 0.00	15.14 0.77 0.00	15.23 0.76 0.00	8.52 0.41 0.00	9.00 0.49 0.00	11.49 0.67 0.00	14.71 0.91 0.00	18.73 1.02 0.00	22.15 1.09 0.00	21.53 1.13 0.00	23.38 1.11 0.00	21.60 0.93 0.00	19.88 0.83 0.00
N.TROY___115KV_TB1 355778	21.91 0.43 0.00	18.67 0.33 0.00	16.60 0.30 0.00	17.83 0.31 0.00	18.85 0.29 0.00	20.35 0.27 0.00	19.72 0.28 0.00	19.71 0.31 0.00	20.62 0.31 0.00	19.44 0.33 0.00	20.10 0.37 0.00	18.56 0.31 0.00	14.62 0.25 0.00	14.69 0.23 0.00	8.21 0.10 0.00	8.64 0.13 0.00	11.02 0.20 0.00	14.12 0.32 0.00	18.08 0.38 0.00	21.48 0.42 0.00	20.79 0.40 0.00	22.66 0.38 0.00	21.03 0.36 0.00	19.37 0.33 0.00
NARROWS_GT1_1 24228	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
NARROWS_GT1_2 24229	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
NARROWS_GT1_3 24230	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
NARROWS_GT1_4 24231	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
NARROWS_GT1_5 24232	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
NARROWS_GT1_6 24233	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00

NARROWS_GT1_7 24234	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
NARROWS_GT1_8 24235	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
NARROWS_GT2_1 24236	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
NARROWS_GT2_2 24237	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
NARROWS_GT2_3 24238	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
NARROWS_GT2_4 24239	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
NARROWS_GT2_5 24240	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
NARROWS_GT2_6 24241	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
NARROWS_GT2_7 24242	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
NARROWS_GT2_8 24243	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.49 1.00 0.00	19.16 0.82 0.00	17.05 0.74 0.00	18.30 0.79 0.00	19.35 0.80 0.00	20.92 0.84 0.00	20.28 0.84 0.00	20.26 0.86 0.00	21.19 0.88 0.00	20.01 0.90 0.00	20.71 0.98 0.00	19.04 0.79 0.00	14.90 0.53 0.00	14.93 0.47 0.00	8.33 0.23 0.00	8.74 0.23 0.00	11.15 0.34 0.00	14.28 0.48 0.00	18.34 0.63 0.00	21.80 0.74 0.00	21.13 0.74 0.00	23.10 0.83 0.00	21.41 0.74 0.00	19.73 0.69 0.00
NCHELSEA_115KV_TR2 355582	22.41 0.92 0.00	19.03 0.69 0.00	16.90 0.59 0.00	18.16 0.65 0.00	19.20 0.64 0.00	20.79 0.70 0.00	20.18 0.74 0.00	20.20 0.80 0.00	21.12 0.81 0.00	19.94 0.82 0.00	20.58 0.84 0.00	19.05 0.81 0.00	15.04 0.66 0.00	15.13 0.66 0.00	8.47 0.37 0.00	8.94 0.43 0.00	11.42 0.60 0.00	14.63 0.83 0.00	18.69 0.99 0.00	22.22 1.16 0.00	21.56 1.17 0.00	23.45 1.18 0.00	21.66 0.99 0.00	19.87 0.83 0.00
NEG CAPITAL___MECHNVIL 23645	22.14 0.66 0.00	18.85 0.51 0.00	16.75 0.45 0.00	18.00 0.48 0.00	19.03 0.47 0.00	20.56 0.48 0.00	19.94 0.50 0.00	19.95 0.55 0.00	20.87 0.56 0.00	19.67 0.55 0.00	20.32 0.59 0.00	18.76 0.52 0.00	14.76 0.38 0.00	14.81 0.34 0.00	8.27 0.16 0.00	8.70 0.19 0.00	11.10 0.28 0.00	14.25 0.45 0.00	18.31 0.60 0.00	21.81 0.74 0.00	21.10 0.70 0.00	22.96 0.69 0.00	21.29 0.61 0.00	19.57 0.53 0.00
NEG CENTRAL_HIGH_ACRES 23767	21.07 -0.42 0.00	17.98 -0.35 0.00	15.96 -0.34 0.00	17.17 -0.35 0.00	18.26 -0.29 0.00	19.82 -0.27 0.00	19.13 -0.31 0.00	18.95 -0.44 0.00	19.93 -0.38 0.00	18.74 -0.37 0.00	19.36 -0.38 0.00	17.80 -0.45 0.00	14.01 -0.37 0.00	14.06 -0.41 0.00	7.88 -0.22 0.00	8.23 -0.28 0.00	10.39 -0.42 0.00	13.29 -0.51 0.00	17.15 -0.55 0.00	20.38 -0.69 0.00	19.78 -0.61 0.00	21.40 -0.87 0.00	19.84 -0.83 0.00	18.38 -0.66 0.00
NEG CENTRAL___DRP 24199	21.54 0.05 0.00	18.32 -0.02 0.00	16.24 -0.07 0.00	17.47 -0.05 0.00	18.53 -0.03 0.00	20.09 0.01 0.00	19.47 0.03 0.00	19.45 0.06 0.00	20.45 0.14 0.00	19.25 0.13 0.00	19.85 0.12 0.00	18.29 0.05 0.00	14.39 0.02 0.00	14.40 -0.06 0.00	8.06 -0.04 0.00	8.44 -0.07 0.00	10.70 -0.12 0.00	13.68 -0.12 0.00	17.71 0.01 0.00	21.10 0.04 0.00	20.49 0.09 0.00	22.25 -0.03 0.00	20.60 -0.07 0.00	18.94 -0.11 0.00



NEG CENTRAL___INDECK 23768	22.32 0.83 0.00	18.97 0.63 0.00	16.77 0.46 0.00	18.04 0.52 0.00	19.15 0.59 0.00	20.77 0.69 0.00	20.07 0.63 0.00	20.09 0.69 0.00	21.17 0.86 0.00	19.92 0.80 0.00	20.51 0.78 0.00	18.82 0.58 0.00	14.72 0.35 0.00	14.69 0.23 0.00	8.22 0.11 0.00	8.57 0.06 0.00	10.84 0.02 0.00	13.92 0.12 0.00	18.17 0.46 0.00	21.81 0.75 0.00	21.29 0.90 0.00	23.10 0.83 0.00	21.34 0.67 0.00	19.64 0.60 0.00
NEG CENTRAL___SENECA 23627	21.63 0.15 0.00	18.38 0.04 0.00	16.28 -0.03 0.00	17.53 0.01 0.00	18.59 0.03 0.00	20.18 0.09 0.00	19.54 0.11 0.00	19.55 0.16 0.00	20.57 0.27 0.00	19.37 0.25 0.00	19.97 0.24 0.00	18.39 0.15 0.00	14.47 0.10 0.00	14.47 0.00 0.00	8.10 -0.01 0.00	8.46 -0.05 0.00	10.73 -0.09 0.00	13.72 -0.08 0.00	17.82 0.12 0.00	21.25 0.18 0.00	20.63 0.23 0.00	22.40 0.12 0.00	20.73 0.06 0.00	19.03 -0.02 0.00
NEG CENTRAL___STATE_STREET 24147	21.59 0.10 0.00	18.35 0.01 0.00	16.31 0.00 0.00	17.51 -0.01 0.00	18.59 0.04 0.00	20.12 0.03 0.00	19.48 0.05 0.00	19.46 0.07 0.00	20.43 0.12 0.00	19.22 0.11 0.00	19.82 0.09 0.00	18.28 0.03 0.00	14.39 0.02 0.00	14.42 -0.04 0.00	8.06 -0.04 0.00	8.46 -0.05 0.00	10.73 -0.09 0.00	13.72 -0.08 0.00	17.72 0.01 0.00	21.09 0.03 0.00	20.46 0.07 0.00	22.23 -0.04 0.00	20.60 -0.07 0.00	18.96 -0.08 0.00
NEG MILLWOOD___DRP 24198	22.41 0.92 0.00	19.04 0.70 0.00	16.90 0.60 0.00	18.17 0.65 0.00	19.20 0.65 0.00	20.78 0.70 0.00	20.18 0.75 0.00	20.21 0.81 0.00	21.15 0.84 0.00	19.98 0.86 0.00	20.63 0.90 0.00	19.11 0.86 0.00	15.08 0.71 0.00	15.16 0.70 0.00	8.49 0.39 0.00	8.96 0.44 0.00	11.44 0.62 0.00	14.65 0.85 0.00	18.70 1.00 0.00	22.23 1.17 0.00	21.56 1.17 0.00	23.45 1.18 0.00	21.65 0.98 0.00	19.87 0.83 0.00
NEG NORTH_FLCN_SEA 23793	21.88 0.39 0.00	18.80 0.46 0.00	16.65 0.34 0.00	17.89 0.38 0.00	19.00 0.44 0.00	20.48 0.39 0.00	19.67 0.24 0.00	19.61 0.22 0.00	20.43 0.12 0.00	18.91 -0.21 0.00	19.09 -0.64 0.00	17.72 -0.52 0.00	13.87 -0.51 0.00	13.98 -0.48 0.00	7.82 -0.29 0.00	8.22 -0.29 0.00	10.41 -0.40 0.00	13.44 -0.36 0.00	17.46 -0.24 0.00	21.22 0.15 0.00	20.49 0.09 0.00	22.63 0.36 0.00	21.08 0.40 0.00	19.57 0.53 0.00
NEG NORTH_KES_CHATEGAY 23792	21.66 0.18 0.00	18.61 0.27 0.00	16.49 0.19 0.00	17.74 0.22 0.00	18.87 0.32 0.00	20.40 0.32 0.00	19.60 0.16 0.00	19.52 0.12 0.00	20.35 0.04 0.00	18.81 -0.30 0.00	19.08 -0.65 0.00	17.67 -0.57 0.00	13.83 -0.54 0.00	13.97 -0.49 0.00	7.82 -0.29 0.00	8.21 -0.30 0.00	10.39 -0.43 0.00	13.38 -0.42 0.00	17.38 -0.33 0.00	21.11 0.04 0.00	20.38 -0.01 0.00	22.47 0.20 0.00	20.92 0.25 0.00	19.40 0.36 0.00
NEG NORTH___ALICE_FALLS 23915	21.95 0.47 0.00	18.85 0.52 0.00	16.70 0.39 0.00	17.96 0.44 0.00	19.08 0.53 0.00	20.58 0.50 0.00	19.76 0.32 0.00	19.71 0.31 0.00	20.53 0.23 0.00	19.00 -0.12 0.00	19.18 -0.55 0.00	17.81 -0.43 0.00	13.93 -0.44 0.00	14.05 -0.42 0.00	7.85 -0.26 0.00	8.25 -0.26 0.00	10.46 -0.36 0.00	13.51 -0.30 0.00	17.54 -0.16 0.00	21.32 0.26 0.00	20.58 0.19 0.00	22.69 0.42 0.00	21.15 0.47 0.00	19.63 0.59 0.00
NEG NORTH___LWR_SARANAC 23913	21.95 0.47 0.00	18.85 0.52 0.00	16.70 0.39 0.00	17.96 0.44 0.00	19.08 0.53 0.00	20.58 0.50 0.00	19.76 0.32 0.00	19.71 0.31 0.00	20.53 0.23 0.00	19.00 -0.12 0.00	19.18 -0.55 0.00	17.81 -0.43 0.00	13.93 -0.44 0.00	14.05 -0.42 0.00	7.85 -0.26 0.00	8.25 -0.26 0.00	10.46 -0.36 0.00	13.51 -0.30 0.00	17.54 -0.16 0.00	21.32 0.26 0.00	20.58 0.19 0.00	22.69 0.42 0.00	21.15 0.47 0.00	19.63 0.59 0.00
NEG NORTH___PLATTSBURG 23628	21.95 0.46 0.00	18.85 0.52 0.00	16.70 0.39 0.00	17.96 0.44 0.00	19.08 0.53 0.00	20.58 0.50 0.00	19.76 0.32 0.00	19.71 0.31 0.00	20.53 0.23 0.00	19.00 -0.12 0.00	19.18 -0.55 0.00	17.81 -0.43 0.00	13.93 -0.44 0.00	14.05 -0.42 0.00	7.85 -0.26 0.00	8.25 -0.26 0.00	10.46 -0.36 0.00	13.51 -0.30 0.00	17.54 -0.17 0.00	21.32 0.26 0.00	20.58 0.19 0.00	22.69 0.42 0.00	21.14 0.47 0.00	19.63 0.59 0.00
NEG WEST_LEA_LOCKPORT 23791	21.48 -0.01 0.00	18.41 0.08 0.00	16.35 0.04 0.00	17.57 0.05 0.00	18.77 0.21 0.00	20.39 0.31 0.00	19.55 0.12 0.00	19.23 -0.17 0.00	20.27 -0.04 0.00	19.02 -0.10 0.00	19.66 -0.07 0.00	18.02 -0.22 0.00	14.24 -0.14 0.00	14.30 -0.16 0.00	8.06 -0.05 0.00	8.37 -0.14 0.00	10.46 -0.36 0.00	13.38 -0.42 0.00	17.29 -0.42 0.00	20.42 -0.64 0.00	19.84 -0.55 0.00	21.34 -0.94 0.00	19.83 -0.84 0.00	18.60 -0.44 0.00
NEG WEST___LANCASTR 23811	22.06 0.58 0.00	18.84 0.51 0.00	16.71 0.41 0.00	18.02 0.50 0.00	19.22 0.67 0.00	20.92 0.84 0.00	20.13 0.70 0.00	19.97 0.57 0.00	20.98 0.67 0.00	19.79 0.67 0.00	20.44 0.71 0.00	18.74 0.50 0.00	14.78 0.41 0.00	14.86 0.39 0.00	8.35 0.25 0.00	8.69 0.18 0.00	10.92 0.10 0.00	13.94 0.14 0.00	18.03 0.32 0.00	21.30 0.24 0.00	20.66 0.27 0.00	22.29 0.01 0.00	20.69 0.01 0.00	19.19 0.15 0.00
NEG_PENN_ALLEGHNY 23528	21.57 0.08 0.00	18.30 -0.03 0.00	16.25 -0.06 0.00	17.51 -0.01 0.00	18.55 -0.01 0.00	20.13 0.05 0.00	19.47 0.03 0.00	19.48 0.09 0.00	20.46 0.15 0.00	19.32 0.20 0.00	19.92 0.19 0.00	18.41 0.17 0.00	14.50 0.13 0.00	14.57 0.11 0.00	8.17 0.06 0.00	8.57 0.06 0.00	10.88 0.07 0.00	13.88 0.08 0.00	17.90 0.20 0.00	21.28 0.21 0.00	20.63 0.23 0.00	22.43 0.16 0.00	20.76 0.09 0.00	19.04 0.00 0.00
NEG___GEN_MONROE 24207	21.66 0.18 0.00	18.52 0.18 0.00	16.44 0.13 0.00	17.69 0.17 0.00	18.84 0.28 0.00	20.46 0.38 0.00	19.72 0.29 0.00	19.52 0.12 0.00	20.52 0.21 0.00	19.29 0.17 0.00	19.92 0.19 0.00	18.28 0.03 0.00	14.38 0.01 0.00	14.43 -0.03 0.00	8.10 -0.01 0.00	8.45 -0.06 0.00	10.62 -0.19 0.00	13.60 -0.21 0.00	17.59 -0.12 0.00	20.88 -0.18 0.00	20.29 -0.11 0.00	21.90 -0.37 0.00	20.31 -0.36 0.00	18.87 -0.17 0.00
NEPA___ENERGY 23901	21.72 0.23 0.00	18.39 0.06 0.00	16.24 -0.07 0.00	17.56 0.05 0.00	18.73 0.18 0.00	20.46 0.38 0.00	19.74 0.30 0.00	19.64 0.24 0.00	20.70 0.39 0.00	19.56 0.44 0.00	20.20 0.47 0.00	18.58 0.34 0.00	14.67 0.30 0.00	14.73 0.26 0.00	8.27 0.17 0.00	8.63 0.12 0.00	10.87 0.05 0.00	13.85 0.04 0.00	17.93 0.22 0.00	21.20 0.13 0.00	20.57 0.17 0.00	22.24 -0.03 0.00	20.60 -0.07 0.00	18.96 -0.08 0.00
NEVERSINK___HYD 23608	22.22 0.73 0.00	18.85 0.51 0.00	16.74 0.43 0.00	18.00 0.48 0.00	19.03 0.47 0.00	20.63 0.55 0.00	20.02 0.59 0.00	20.05 0.65 0.00	20.95 0.65 0.00	19.72 0.60 0.00	20.29 0.56 0.00	18.81 0.57 0.00	14.82 0.45 0.00	14.92 0.46 0.00	8.36 0.26 0.00	8.82 0.31 0.00	11.26 0.44 0.00	14.43 0.62 0.00	18.47 0.76 0.00	22.05 0.98 0.00	21.41 1.02 0.00	23.28 1.01 0.00	21.49 0.82 0.00	19.70 0.66 0.00

NEWKRMKL_115KV_TB1 55635	22.04 0.56 0.00	18.78 0.44 0.00	16.71 0.40 0.00	17.95 0.43 0.00	18.97 0.41 0.00	20.50 0.41 0.00	19.85 0.41 0.00	19.82 0.43 0.00	20.75 0.44 0.00	19.58 0.47 0.00	20.27 0.54 0.00	18.72 0.48 0.00	14.75 0.38 0.00	14.83 0.36 0.00	8.30 0.19 0.00	8.72 0.21 0.00	11.12 0.30 0.00	14.21 0.40 0.00	18.08 0.37 0.00	21.33 0.26 0.00	20.67 0.28 0.00	22.62 0.35 0.00	20.98 0.30 0.00	19.34 0.30 0.00
NEWTON___FALLS_HYD 23847	21.07 -0.42 0.00	17.94 -0.40 0.00	16.00 -0.30 0.00	17.26 -0.26 0.00	18.38 -0.18 0.00	19.95 -0.13 0.00	19.23 -0.20 0.00	19.17 -0.23 0.00	20.05 -0.26 0.00	18.67 -0.45 0.00	19.11 -0.62 0.00	17.58 -0.67 0.00	13.74 -0.63 0.00	13.79 -0.67 0.00	7.68 -0.42 0.00	8.03 -0.49 0.00	10.22 -0.60 0.00	13.14 -0.66 0.00	17.11 -0.60 0.00	20.71 -0.35 0.00	20.01 -0.38 0.00	21.91 -0.36 0.00	20.39 -0.28 0.00	18.79 -0.26 0.00
NGRID_A1_DSASP 323792	21.13 -0.35 0.00	18.14 -0.20 0.00	16.10 -0.20 0.00	17.31 -0.20 0.00	18.49 -0.07 0.00	20.13 0.04 0.00	19.28 -0.16 0.00	18.86 -0.54 0.00	19.85 -0.46 0.00	18.61 -0.50 0.00	19.25 -0.48 0.00	17.65 -0.60 0.00	13.96 -0.41 0.00	14.05 -0.41 0.00	7.92 -0.18 0.00	8.23 -0.28 0.00	10.28 -0.54 0.00	13.14 -0.66 0.00	16.93 -0.78 0.00	19.99 -1.07 0.00	19.41 -0.98 0.00	20.86 -1.41 0.00	19.41 -1.26 0.00	18.19 -0.85 0.00
NGRID_A2_DSASP 323793	21.13 -0.35 0.00	18.14 -0.20 0.00	16.10 -0.20 0.00	17.31 -0.20 0.00	18.49 -0.07 0.00	20.13 0.04 0.00	19.28 -0.16 0.00	18.86 -0.54 0.00	19.85 -0.46 0.00	18.61 -0.50 0.00	19.25 -0.48 0.00	17.65 -0.60 0.00	13.96 -0.41 0.00	14.05 -0.41 0.00	7.92 -0.18 0.00	8.23 -0.28 0.00	10.28 -0.54 0.00	13.14 -0.66 0.00	16.93 -0.78 0.00	19.99 -1.07 0.00	19.41 -0.98 0.00	20.86 -1.41 0.00	19.41 -1.26 0.00	18.19 -0.85 0.00
NGRID_A4_DSASP 323807	21.13 -0.35 0.00	18.14 -0.20 0.00	16.10 -0.20 0.00	17.31 -0.20 0.00	18.49 -0.07 0.00	20.13 0.04 0.00	19.28 -0.16 0.00	18.86 -0.54 0.00	19.85 -0.46 0.00	18.61 -0.50 0.00	19.25 -0.48 0.00	17.65 -0.60 0.00	13.96 -0.41 0.00	14.05 -0.41 0.00	7.92 -0.18 0.00	8.23 -0.28 0.00	10.28 -0.54 0.00	13.14 -0.66 0.00	16.93 -0.78 0.00	19.99 -1.07 0.00	19.41 -0.98 0.00	20.86 -1.41 0.00	19.41 -1.26 0.00	18.19 -0.85 0.00
NIAGARA_115E_LBMP 323715	21.19 -0.30 0.00	18.19 -0.14 0.00	16.15 -0.16 0.00	17.35 -0.17 0.00	18.52 -0.03 0.00	20.10 0.01 0.00	19.24 -0.20 0.00	18.90 -0.50 0.00	19.92 -0.38 0.00	18.69 -0.43 0.00	19.33 -0.40 0.00	17.72 -0.53 0.00	14.02 -0.36 0.00	14.09 -0.37 0.00	7.95 -0.16 0.00	8.26 -0.25 0.00	10.30 -0.52 0.00	13.17 -0.63 0.00	16.98 -0.73 0.00	20.06 -1.01 0.00	19.49 -0.90 0.00	20.95 -1.33 0.00	19.48 -1.19 0.00	18.34 -0.70 0.00
NIAGARA_115W_LBMP 323714	21.09 -0.40 0.00	18.11 -0.23 0.00	16.07 -0.24 0.00	17.28 -0.24 0.00	18.45 -0.10 0.00	20.09 0.01 0.00	19.24 -0.20 0.00	18.81 -0.59 0.00	19.80 -0.51 0.00	18.56 -0.55 0.00	19.19 -0.54 0.00	17.60 -0.64 0.00	13.92 -0.45 0.00	14.01 -0.45 0.00	7.91 -0.20 0.00	8.21 -0.30 0.00	10.25 -0.56 0.00	13.11 -0.69 0.00	16.89 -0.82 0.00	19.94 -1.13 0.00	19.36 -1.03 0.00	20.82 -1.46 0.00	19.36 -1.31 0.00	18.14 -0.90 0.00
NIAGARA_230_LBMP 323716	21.24 -0.25 0.00	18.22 -0.12 0.00	16.17 -0.14 0.00	17.40 -0.12 0.00	18.58 0.02 0.00	20.21 0.12 0.00	19.36 -0.07 0.00	19.07 -0.33 0.00	20.09 -0.22 0.00	18.85 -0.27 0.00	19.48 -0.26 0.00	17.86 -0.38 0.00	14.12 -0.25 0.00	14.21 -0.25 0.00	8.01 -0.10 0.00	8.33 -0.18 0.00	10.41 -0.40 0.00	13.31 -0.49 0.00	17.14 -0.56 0.00	20.23 -0.83 0.00	19.64 -0.75 0.00	21.13 -1.15 0.00	19.64 -1.03 0.00	18.38 -0.66 0.00
NIAGARA___115KV_198_GIBSON 55903	21.09 -0.40 0.00	18.10 -0.24 0.00	16.07 -0.24 0.00	17.28 -0.24 0.00	18.45 -0.10 0.00	20.09 0.01 0.00	19.25 -0.19 0.00	18.81 -0.59 0.00	19.80 -0.51 0.00	18.56 -0.55 0.00	19.19 -0.54 0.00	17.61 -0.64 0.00	13.92 -0.45 0.00	14.01 -0.45 0.00	7.91 -0.20 0.00	8.21 -0.30 0.00	10.25 -0.56 0.00	13.11 -0.69 0.00	16.90 -0.81 0.00	19.94 -1.13 0.00	19.36 -1.03 0.00	20.82 -1.46 0.00	19.36 -1.31 0.00	18.14 -0.90 0.00
NIAGARA____ 23760	21.24 -0.25 0.00	18.22 -0.12 0.00	16.17 -0.14 0.00	17.40 -0.12 0.00	18.58 0.02 0.00	20.21 0.12 0.00	19.36 -0.07 0.00	19.07 -0.33 0.00	20.09 -0.22 0.00	18.85 -0.27 0.00	19.48 -0.26 0.00	17.86 -0.38 0.00	14.12 -0.25 0.00	14.21 -0.25 0.00	8.01 -0.10 0.00	8.33 -0.18 0.00	10.41 -0.40 0.00	13.31 -0.49 0.00	17.14 -0.56 0.00	20.23 -0.83 0.00	19.64 -0.75 0.00	21.13 -1.15 0.00	19.64 -1.03 0.00	18.38 -0.66 0.00
NINE_MILE_1 23575	20.87 -0.61 0.00	17.81 -0.53 0.00	15.83 -0.48 0.00	17.01 -0.51 0.00	18.03 -0.53 0.00	19.52 -0.56 0.00	18.89 -0.55 0.00	18.84 -0.56 0.00	19.75 -0.56 0.00	18.60 -0.52 0.00	19.20 -0.54 0.00	17.72 -0.52 0.00	13.96 -0.41 0.00	14.03 -0.43 0.00	7.86 -0.24 0.00	8.24 -0.27 0.00	10.46 -0.35 0.00	13.35 -0.46 0.00	17.15 -0.56 0.00	20.38 -0.68 0.00	19.76 -0.64 0.00	21.50 -0.77 0.00	19.95 -0.72 0.00	18.39 -0.65 0.00
NINE_MILE_2 23744	20.87 -0.61 0.00	17.81 -0.53 0.00	15.83 -0.47 0.00	17.01 -0.51 0.00	18.03 -0.53 0.00	19.52 -0.56 0.00	18.89 -0.55 0.00	18.84 -0.56 0.00	19.75 -0.56 0.00	18.60 -0.52 0.00	19.20 -0.54 0.00	17.72 -0.52 0.00	13.96 -0.41 0.00	14.03 -0.43 0.00	7.86 -0.24 0.00	8.24 -0.27 0.00	10.46 -0.35 0.00	13.35 -0.45 0.00	17.15 -0.56 0.00	20.39 -0.68 0.00	19.76 -0.63 0.00	21.51 -0.76 0.00	19.95 -0.72 0.00	18.39 -0.65 0.00
NM_CAPITAL___DRP 24208	21.97 0.48 0.00	18.73 0.39 0.00	16.66 0.35 0.00	17.89 0.37 0.00	18.91 0.36 0.00	20.43 0.34 0.00	19.79 0.35 0.00	19.76 0.36 0.00	20.67 0.37 0.00	19.52 0.40 0.00	20.20 0.47 0.00	18.65 0.41 0.00	14.70 0.33 0.00	14.78 0.32 0.00	8.27 0.16 0.00	8.70 0.19 0.00	11.09 0.27 0.00	14.17 0.37 0.00	18.05 0.34 0.00	21.32 0.25 0.00	20.65 0.26 0.00	22.58 0.31 0.00	20.96 0.28 0.00	19.32 0.28 0.00
NM_CENTRAL___DRP 24181	21.25 -0.24 0.00	18.12 -0.22 0.00	16.10 -0.21 0.00	17.31 -0.21 0.00	18.34 -0.21 0.00	19.87 -0.21 0.00	19.23 -0.20 0.00	19.20 -0.20 0.00	20.13 -0.17 0.00	18.97 -0.15 0.00	19.58 -0.15 0.00	18.07 -0.17 0.00	14.23 -0.14 0.00	14.28 -0.18 0.00	7.99 -0.11 0.00	8.38 -0.13 0.00	10.64 -0.18 0.00	13.58 -0.22 0.00	17.49 -0.22 0.00	20.80 -0.26 0.00	20.18 -0.21 0.00	21.93 -0.35 0.00	20.32 -0.35 0.00	18.73 -0.32 0.00
NM_FRONTIER___DRP 24179	21.09 -0.40 0.00	18.10 -0.24 0.00	16.07 -0.24 0.00	17.28 -0.24 0.00	18.45 -0.10 0.00	20.09 0.01 0.00	19.25 -0.19 0.00	18.81 -0.59 0.00	19.80 -0.51 0.00	18.56 -0.55 0.00	19.19 -0.54 0.00	17.61 -0.64 0.00	13.92 -0.45 0.00	14.01 -0.45 0.00	7.91 -0.20 0.00	8.21 -0.30 0.00	10.25 -0.56 0.00	13.11 -0.69 0.00	16.90 -0.81 0.00	19.94 -1.13 0.00	19.36 -1.03 0.00	20.82 -1.46 0.00	19.36 -1.31 0.00	18.14 -0.90 0.00

NM_ST_REGIS___HYD 24053	21.13 -0.35 0.00	18.12 -0.21 0.00	16.10 -0.20 0.00	17.30 -0.21 0.00	18.40 -0.15 0.00	19.96 -0.13 0.00	19.23 -0.20 0.00	19.16 -0.23 0.00	20.02 -0.29 0.00	18.60 -0.51 0.00	19.03 -0.70 0.00	17.58 -0.67 0.00	13.78 -0.60 0.00	13.89 -0.57 0.00	7.77 -0.33 0.00	8.14 -0.37 0.00	10.33 -0.49 0.00	13.26 -0.55 0.00	17.16 -0.55 0.00	20.70 -0.36 0.00	19.99 -0.41 0.00	22.04 -0.23 0.00	20.53 -0.15 0.00	18.95 -0.09 0.00
NORTHPORT___1 23551	22.42 0.93 0.00	19.12 0.78 0.00	16.92 0.61 0.00	18.17 0.66 0.00	19.20 0.65 0.00	20.71 0.63 0.00	20.08 0.64 0.00	20.01 0.61 0.00	20.79 0.48 0.00	19.71 0.59 0.00	20.49 0.75 0.00	18.94 0.70 0.00	14.92 0.55 0.00	14.99 0.52 0.00	8.40 0.30 0.00	8.89 0.37 0.00	11.38 0.57 0.00	14.63 0.83 0.00	18.57 0.86 0.00	22.09 1.02 0.00	21.38 0.98 0.00	23.36 1.09 0.00	21.60 0.93 0.00	19.78 0.74 0.00
NORTHPORT___2 23552	22.42 0.93 0.00	19.12 0.78 0.00	16.92 0.61 0.00	18.17 0.66 0.00	19.20 0.65 0.00	20.71 0.63 0.00	20.08 0.64 0.00	20.01 0.61 0.00	20.79 0.48 0.00	19.71 0.59 0.00	20.49 0.75 0.00	18.94 0.70 0.00	14.92 0.55 0.00	14.99 0.52 0.00	8.40 0.30 0.00	8.89 0.37 0.00	11.38 0.57 0.00	14.63 0.83 0.00	18.57 0.86 0.00	22.09 1.02 0.00	21.38 0.98 0.00	23.36 1.09 0.00	21.60 0.93 0.00	19.78 0.74 0.00
NORTHPORT___3 23553	22.30 0.81 0.00	19.01 0.68 0.00	16.83 0.53 0.00	18.07 0.56 0.00	19.09 0.53 0.00	20.58 0.50 0.00	19.96 0.52 0.00	19.88 0.49 0.00	20.66 0.36 0.00	19.60 0.48 0.00	20.40 0.66 0.00	18.86 0.61 0.00	14.86 0.48 0.00	14.93 0.47 0.00	8.37 0.27 0.00	8.85 0.34 0.00	11.34 0.52 0.00	14.56 0.76 0.00	18.48 0.77 0.00	21.94 0.87 0.00	21.23 0.84 0.00	23.22 0.94 0.00	21.47 0.80 0.00	19.68 0.64 0.00
NORTHPORT___4 23650	22.30 0.81 0.00	19.01 0.68 0.00	16.83 0.53 0.00	18.07 0.56 0.00	19.09 0.53 0.00	20.58 0.50 0.00	19.96 0.52 0.00	19.88 0.49 0.00	20.66 0.36 0.00	19.60 0.48 0.00	20.40 0.66 0.00	18.86 0.61 0.00	14.86 0.48 0.00	14.93 0.47 0.00	8.37 0.27 0.00	8.85 0.34 0.00	11.34 0.52 0.00	14.56 0.76 0.00	18.48 0.77 0.00	21.94 0.87 0.00	21.23 0.84 0.00	23.22 0.94 0.00	21.47 0.80 0.00	19.68 0.64 0.00
NORTHPORT___IC 23718	22.42 0.93 0.00	19.12 0.78 0.00	16.92 0.61 0.00	18.17 0.66 0.00	19.20 0.64 0.00	20.70 0.62 0.00	20.08 0.64 0.00	20.00 0.61 0.00	20.79 0.48 0.00	19.71 0.60 0.00	20.48 0.75 0.00	18.94 0.70 0.00	14.92 0.54 0.00	14.99 0.52 0.00	8.40 0.30 0.00	8.89 0.37 0.00	11.39 0.57 0.00	14.63 0.83 0.00	18.57 0.86 0.00	22.09 1.02 0.00	21.37 0.98 0.00	23.36 1.09 0.00	21.60 0.93 0.00	19.78 0.74 0.00
NORTH___COUNTRY_ESR 323785	21.60 0.11 0.00	18.56 0.22 0.00	16.45 0.14 0.00	17.69 0.18 0.00	18.83 0.27 0.00	20.35 0.27 0.00	19.54 0.10 0.00	19.45 0.05 0.00	20.28 -0.03 0.00	18.77 -0.34 0.00	19.04 -0.69 0.00	17.64 -0.60 0.00	13.81 -0.56 0.00	13.96 -0.51 0.00	7.81 -0.30 0.00	8.20 -0.31 0.00	10.38 -0.44 0.00	13.37 -0.43 0.00	17.35 -0.36 0.00	21.04 -0.03 0.00	20.31 -0.09 0.00	22.39 0.11 0.00	20.84 0.17 0.00	19.33 0.30 0.00
NPX_GEN_1385_PROXY 323591	22.40 0.91 0.00	19.10 0.77 0.00	16.91 0.60 0.00	18.15 0.64 0.00	19.20 0.65 0.00	20.71 0.62 0.00	20.02 0.58 0.00	19.93 0.54 0.00	20.76 0.46 0.00	19.68 0.56 0.00	20.45 0.72 0.00	18.90 0.65 0.00	14.88 0.51 0.00	14.95 0.49 0.00	8.39 0.29 0.00	8.86 0.35 0.00	11.30 0.49 0.00	14.53 0.73 0.00	18.43 0.72 0.00	22.08 1.01 0.00	21.36 0.97 0.00	23.35 1.08 0.00	21.49 0.81 0.00	19.72 0.68 0.00
NPX_GEN_CSC 323557	22.66 1.18 0.00	19.38 1.05 0.00	17.15 0.84 0.00	18.41 0.89 0.00	19.45 0.90 0.00	20.96 0.88 0.00	20.37 0.93 0.00	20.33 0.93 0.00	21.06 0.75 0.00	19.92 0.80 0.00	20.63 0.89 0.00	19.05 0.80 0.00	14.97 0.60 0.00	15.00 0.53 0.00	8.39 0.29 0.00	8.88 0.37 0.00	11.42 0.60 0.00	14.78 0.98 0.00	18.75 1.04 0.00	22.34 1.27 0.00	21.64 1.25 0.00	23.60 1.32 0.00	21.94 1.26 0.00	20.02 0.98 0.00
NSINS_S_GLNS_FALLS 23858	22.18 0.69 0.00	18.86 0.52 0.00	16.74 0.43 0.00	17.99 0.48 0.00	19.02 0.47 0.00	20.53 0.44 0.00	19.92 0.48 0.00	19.97 0.57 0.00	20.87 0.57 0.00	19.69 0.57 0.00	20.30 0.57 0.00	18.73 0.49 0.00	14.73 0.35 0.00	14.76 0.30 0.00	8.21 0.11 0.00	8.66 0.14 0.00	11.05 0.23 0.00	14.23 0.42 0.00	18.33 0.62 0.00	21.90 0.83 0.00	21.15 0.76 0.00	22.98 0.70 0.00	21.28 0.60 0.00	19.54 0.50 0.00
NUCOR_STEEL___DRP 24197	21.57 0.08 0.00	18.33 -0.01 0.00	16.30 -0.01 0.00	17.49 -0.02 0.00	18.58 0.02 0.00	20.10 0.01 0.00	19.46 0.03 0.00	19.43 0.04 0.00	20.40 0.09 0.00	19.20 0.08 0.00	19.79 0.06 0.00	18.25 0.01 0.00	14.37 0.00 0.00	14.41 -0.06 0.00	8.06 -0.05 0.00	8.45 -0.06 0.00	10.73 -0.09 0.00	13.72 -0.09 0.00	17.70 -0.01 0.00	21.05 -0.01 0.00	20.43 0.03 0.00	22.19 -0.08 0.00	20.57 -0.10 0.00	18.94 -0.10 0.00
NUMBER_THREE_WT_PWR 323818	21.38 -0.10 0.00	18.09 -0.25 0.00	16.19 -0.11 0.00	17.52 0.01 0.00	18.68 0.12 0.00	20.29 0.20 0.00	19.61 0.17 0.00	19.54 0.15 0.00	20.47 0.17 0.00	19.09 -0.03 0.00	19.55 -0.19 0.00	17.93 -0.31 0.00	13.97 -0.40 0.00	13.98 -0.49 0.00	7.75 -0.36 0.00	8.07 -0.44 0.00	10.29 -0.52 0.00	13.26 -0.54 0.00	17.36 -0.35 0.00	21.09 0.03 0.00	20.38 -0.02 0.00	22.11 -0.16 0.00	20.59 -0.08 0.00	18.95 -0.09 0.00
NYISO_LBMP_REFERENCE 24008	21.49 0.00 0.00	18.34 0.00 0.00	16.31 0.00 0.00	17.52 0.00 0.00	18.56 0.00 0.00	20.09 0.00 0.00	19.44 0.00 0.00	19.39 0.00 0.00	20.31 0.00 0.00	19.12 0.00 0.00	19.73 0.00 0.00	18.24 0.00 0.00	14.37 0.00 0.00	14.47 0.00 0.00	8.10 0.00 0.00	8.51 0.00 0.00	10.82 0.00 0.00	13.80 0.00 0.00	17.71 0.00 0.00	21.06 0.00 0.00	20.39 0.00 0.00	22.27 0.00 0.00	20.67 0.00 0.00	19.04 0.00 0.00
NYPA_BRENTWD____GT 24164	22.64 1.15 0.00	19.30 0.96 0.00	17.08 0.77 0.00	18.34 0.82 0.00	19.37 0.82 0.00	20.90 0.81 0.00	20.27 0.84 0.00	20.23 0.83 0.00	21.00 0.70 0.00	19.88 0.77 0.00	20.63 0.89 0.00	19.06 0.81 0.00	14.99 0.62 0.00	15.06 0.60 0.00	8.44 0.34 0.00	8.93 0.42 0.00	11.48 0.66 0.00	14.78 0.97 0.00	18.77 1.06 0.00	22.35 1.29 0.00	21.64 1.25 0.00	23.63 1.36 0.00	21.86 1.18 0.00	20.00 0.96 0.00
NYPA_GOWANUS____GT5 24156	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00

NYPA_GOWANUS____GT6 24157	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.75 0.94 0.00	18.77 1.07 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00
NYPA_HARLEM__RVR__GT1 24160	22.29 0.81 0.00	19.00 0.66 0.00	16.84 0.54 0.00	18.10 0.58 0.00	19.12 0.56 0.00	20.65 0.56 0.00	20.11 0.67 0.00	20.11 0.72 0.00	21.04 0.73 0.00	19.94 0.82 0.00	20.58 0.84 0.00	19.11 0.87 0.00	15.12 0.75 0.00	15.21 0.75 0.00	8.51 0.41 0.00	8.99 0.48 0.00	11.47 0.66 0.00	14.69 0.88 0.00	18.70 0.99 0.00	22.12 1.06 0.00	21.50 1.10 0.00	23.35 1.07 0.00	21.57 0.89 0.00	19.83 0.80 0.00
NYPA_HARLEM__RVR__GT2 24161	22.29 0.81 0.00	19.00 0.66 0.00	16.84 0.54 0.00	18.10 0.58 0.00	19.12 0.56 0.00	20.65 0.56 0.00	20.11 0.67 0.00	20.11 0.72 0.00	21.04 0.73 0.00	19.94 0.82 0.00	20.58 0.84 0.00	19.11 0.87 0.00	15.12 0.75 0.00	15.21 0.75 0.00	8.51 0.41 0.00	8.99 0.48 0.00	11.47 0.66 0.00	14.69 0.88 0.00	18.70 0.99 0.00	22.12 1.06 0.00	21.50 1.10 0.00	23.35 1.07 0.00	21.57 0.89 0.00	19.83 0.80 0.00
NYPA_KENT____GT 24152	22.38 0.89 0.00	19.01 0.67 0.00	16.87 0.57 0.00	18.13 0.61 0.00	19.15 0.59 0.00	20.72 0.63 0.00	20.13 0.70 0.00	20.17 0.77 0.00	21.10 0.79 0.00	19.97 0.86 0.00	20.63 0.90 0.00	19.15 0.91 0.00	15.17 0.80 0.00	15.26 0.79 0.00	8.54 0.43 0.00	9.02 0.51 0.00	11.51 0.69 0.00	14.73 0.93 0.00	18.75 1.04 0.00	22.19 1.13 0.00	21.54 1.14 0.00	23.41 1.14 0.00	21.62 0.94 0.00	19.84 0.80 0.00
NYPA_POUCH1____GT 24155	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.15 0.64 0.00	19.18 0.62 0.00	20.76 0.68 0.00	20.17 0.74 0.00	20.20 0.80 0.00	21.14 0.83 0.00	20.00 0.89 0.00	20.65 0.92 0.00	19.15 0.90 0.00	15.16 0.79 0.00	15.24 0.78 0.00	8.53 0.43 0.00	9.01 0.50 0.00	11.50 0.68 0.00	14.74 0.93 0.00	18.78 1.07 0.00	22.24 1.18 0.00	21.59 1.20 0.00	23.47 1.20 0.00	21.67 1.00 0.00	19.90 0.86 0.00
NYPA_VERNON____GT2 24162	22.35 0.86 0.00	18.99 0.65 0.00	16.86 0.55 0.00	18.12 0.60 0.00	19.13 0.57 0.00	20.69 0.61 0.00	20.11 0.67 0.00	20.14 0.75 0.00	21.07 0.77 0.00	19.95 0.84 0.00	20.61 0.88 0.00	19.13 0.89 0.00	15.15 0.78 0.00	15.25 0.79 0.00	8.53 0.43 0.00	9.01 0.50 0.00	11.50 0.68 0.00	14.71 0.91 0.00	18.71 1.01 0.00	22.14 1.08 0.00	21.49 1.10 0.00	23.36 1.09 0.00	21.57 0.90 0.00	19.80 0.76 0.00
NYPA_VERNON____GT3 24163	22.35 0.86 0.00	18.99 0.65 0.00	16.86 0.55 0.00	18.12 0.60 0.00	19.13 0.57 0.00	20.69 0.61 0.00	20.11 0.67 0.00	20.14 0.75 0.00	21.07 0.77 0.00	19.95 0.84 0.00	20.61 0.88 0.00	19.13 0.89 0.00	15.15 0.78 0.00	15.25 0.79 0.00	8.53 0.43 0.00	9.01 0.50 0.00	11.50 0.68 0.00	14.71 0.91 0.00	18.71 1.01 0.00	22.14 1.08 0.00	21.49 1.10 0.00	23.36 1.09 0.00	21.57 0.90 0.00	19.80 0.76 0.00
NYPA__ASTORIA_CC1 323568	22.33 0.84 0.00	18.98 0.64 0.00	16.84 0.53 0.00	18.10 0.58 0.00	19.11 0.55 0.00	20.66 0.58 0.00	20.08 0.65 0.00	20.12 0.72 0.00	21.05 0.74 0.00	19.93 0.81 0.00	20.59 0.85 0.00	19.11 0.87 0.00	15.14 0.77 0.00	15.24 0.77 0.00	8.53 0.42 0.00	9.01 0.49 0.00	11.48 0.67 0.00	14.69 0.89 0.00	18.68 0.97 0.00	22.10 1.04 0.00	21.45 1.06 0.00	23.32 1.05 0.00	21.53 0.85 0.00	19.77 0.73 0.00
NYPA__ASTORIA_CC2 323569	22.33 0.84 0.00	18.98 0.64 0.00	16.84 0.53 0.00	18.10 0.58 0.00	19.11 0.55 0.00	20.66 0.58 0.00	20.08 0.65 0.00	20.12 0.72 0.00	21.05 0.74 0.00	19.93 0.81 0.00	20.59 0.85 0.00	19.11 0.87 0.00	15.14 0.77 0.00	15.24 0.77 0.00	8.53 0.42 0.00	9.01 0.49 0.00	11.48 0.67 0.00	14.69 0.89 0.00	18.68 0.97 0.00	22.10 1.04 0.00	21.45 1.06 0.00	23.32 1.05 0.00	21.53 0.85 0.00	19.77 0.73 0.00
NYPA__HOLTSVILL 23794	22.55 1.07 0.00	19.26 0.92 0.00	17.04 0.74 0.00	18.30 0.78 0.00	19.33 0.78 0.00	20.84 0.76 0.00	20.24 0.80 0.00	20.19 0.80 0.00	20.94 0.64 0.00	19.83 0.71 0.00	20.56 0.82 0.00	18.99 0.75 0.00	14.94 0.57 0.00	14.99 0.53 0.00	8.40 0.29 0.00	8.89 0.38 0.00	11.42 0.60 0.00	14.73 0.93 0.00	18.69 0.98 0.00	22.24 1.18 0.00	21.54 1.15 0.00	23.52 1.25 0.00	21.80 1.13 0.00	19.93 0.89 0.00
NYPA____HELLGATE_GT1 24158	22.29 0.81 0.00	19.00 0.66 0.00	16.84 0.54 0.00	18.10 0.58 0.00	19.12 0.56 0.00	20.65 0.56 0.00	20.11 0.67 0.00	20.11 0.72 0.00	21.04 0.73 0.00	19.94 0.82 0.00	20.58 0.84 0.00	19.11 0.87 0.00	15.12 0.75 0.00	15.21 0.75 0.00	8.51 0.41 0.00	8.99 0.48 0.00	11.47 0.66 0.00	14.69 0.88 0.00	18.70 0.99 0.00	22.12 1.06 0.00	21.50 1.10 0.00	23.35 1.07 0.00	21.57 0.89 0.00	19.83 0.80 0.00
NYPA____HELLGATE_GT2 24159	22.29 0.81 0.00	19.00 0.66 0.00	16.84 0.54 0.00	18.10 0.58 0.00	19.12 0.56 0.00	20.65 0.56 0.00	20.11 0.67 0.00	20.11 0.72 0.00	21.04 0.73 0.00	19.94 0.82 0.00	20.58 0.84 0.00	19.11 0.87 0.00	15.12 0.75 0.00	15.21 0.75 0.00	8.51 0.41 0.00	8.99 0.48 0.00	11.47 0.66 0.00	14.69 0.88 0.00	18.70 0.99 0.00	22.12 1.06 0.00	21.50 1.10 0.00	23.35 1.07 0.00	21.57 0.89 0.00	19.83 0.80 0.00
NYS_BARGE__HYD 23848	21.49 0.00 0.00	18.42 0.09 0.00	16.36 0.05 0.00	17.58 0.06 0.00	18.77 0.22 0.00	20.39 0.31 0.00	19.54 0.10 0.00	19.22 -0.18 0.00	20.26 -0.05 0.00	19.01 -0.11 0.00	19.66 -0.08 0.00	18.01 -0.23 0.00	14.22 -0.15 0.00	14.29 -0.18 0.00	8.05 -0.05 0.00	8.36 -0.15 0.00	10.45 -0.37 0.00	13.36 -0.44 0.00	17.26 -0.45 0.00	20.42 -0.65 0.00	19.85 -0.55 0.00	21.34 -0.94 0.00	19.83 -0.84 0.00	18.61 -0.43 0.00
OAK ORCHARD__HYD 24046	21.48 -0.01 0.00	18.36 0.02 0.00	16.30 -0.01 0.00	17.53 0.02 0.00	18.67 0.11 0.00	20.27 0.18 0.00	19.53 0.10 0.00	19.36 -0.03 0.00	20.35 0.04 0.00	19.14 0.02 0.00	19.77 0.04 0.00	18.15 -0.09 0.00	14.29 -0.08 0.00	14.36 -0.10 0.00	8.06 -0.05 0.00	8.41 -0.10 0.00	10.59 -0.23 0.00	13.54 -0.26 0.00	17.47 -0.23 0.00	20.74 -0.32 0.00	20.14 -0.25 0.00	21.76 -0.52 0.00	20.18 -0.49 0.00	18.73 -0.31 0.00
OAKDALE__35_KV_LOAD 356122	21.57 0.08 0.00	18.30 -0.04 0.00	16.25 -0.05 0.00	17.51 0.00 0.00	18.55 0.00 0.00	20.13 0.05 0.00	19.47 0.03 0.00	19.47 0.08 0.00	20.45 0.14 0.00	19.30 0.19 0.00	19.91 0.18 0.00	18.39 0.15 0.00	14.50 0.13 0.00	14.57 0.10 0.00	8.17 0.06 0.00	8.57 0.06 0.00	10.88 0.07 0.00	13.88 0.08 0.00	17.89 0.18 0.00	21.25 0.19 0.00	20.60 0.21 0.00	22.41 0.13 0.00	20.74 0.07 0.00	19.03 0.00 0.00

OCC_CHEM___DRP 24175	21.13 -0.35 0.00	18.14 -0.20 0.00	16.10 -0.20 0.00	17.31 -0.20 0.00	18.49 -0.06 0.00	20.13 0.05 0.00	19.29 -0.15 0.00	18.86 -0.54 0.00	19.85 -0.46 0.00	18.61 -0.50 0.00	19.25 -0.48 0.00	17.65 -0.60 0.00	13.96 -0.41 0.00	14.05 -0.41 0.00	7.92 -0.18 0.00	8.23 -0.28 0.00	10.28 -0.54 0.00	13.14 -0.66 0.00	16.94 -0.76 0.00	19.99 -1.07 0.00	19.41 -0.98 0.00	20.87 -1.41 0.00	19.41 -1.26 0.00	18.19 -0.85 0.00
OH_GEN_PROXY 24063	21.24 -0.24 0.00	18.21 -0.13 0.00	16.16 -0.15 0.00	17.40 -0.12 0.00	18.57 0.02 0.00	20.20 0.11 0.00	19.37 -0.07 0.00	19.10 -0.30 0.00	20.11 -0.20 0.00	18.89 -0.23 0.00	19.52 -0.22 0.00	17.90 -0.34 0.00	14.15 -0.22 0.00	14.24 -0.22 0.00	8.02 -0.08 0.00	8.34 -0.17 0.00	10.44 -0.38 0.00	13.34 -0.46 0.00	17.19 -0.52 0.00	20.30 -0.77 0.00	19.69 -0.70 0.00	21.19 -1.08 0.00	19.70 -0.97 0.00	18.40 -0.64 0.00
OLIN_CORP_DRP 24177	21.21 -0.27 0.00	18.21 -0.13 0.00	16.17 -0.13 0.00	17.37 -0.14 0.00	18.55 -0.01 0.00	20.14 0.05 0.00	19.28 -0.15 0.00	18.94 -0.46 0.00	19.97 -0.34 0.00	18.73 -0.39 0.00	19.36 -0.37 0.00	17.76 -0.49 0.00	14.04 -0.33 0.00	14.12 -0.34 0.00	7.96 -0.14 0.00	8.28 -0.24 0.00	10.32 -0.49 0.00	13.20 -0.60 0.00	17.03 -0.68 0.00	20.10 -0.96 0.00	19.53 -0.87 0.00	20.99 -1.28 0.00	19.53 -1.15 0.00	18.37 -0.67 0.00
OLIN_CORP_DSASP 323712	21.13 -0.35 0.00	18.14 -0.20 0.00	16.10 -0.20 0.00	17.31 -0.20 0.00	18.49 -0.07 0.00	20.13 0.04 0.00	19.28 -0.16 0.00	18.86 -0.54 0.00	19.85 -0.46 0.00	18.61 -0.50 0.00	19.25 -0.48 0.00	17.65 -0.60 0.00	13.96 -0.41 0.00	14.05 -0.41 0.00	7.92 -0.18 0.00	8.23 -0.28 0.00	10.28 -0.54 0.00	13.14 -0.66 0.00	16.93 -0.78 0.00	19.99 -1.07 0.00	19.41 -0.98 0.00	20.86 -1.41 0.00	19.41 -1.26 0.00	18.19 -0.85 0.00
ONEIDA_HERK_LFGE 323681	21.72 0.23 0.00	18.46 0.12 0.00	16.45 0.14 0.00	17.72 0.20 0.00	18.82 0.27 0.00	20.41 0.32 0.00	19.75 0.31 0.00	19.71 0.32 0.00	20.66 0.35 0.00	19.39 0.27 0.00	19.96 0.22 0.00	18.39 0.15 0.00	14.41 0.03 0.00	14.43 -0.04 0.00	8.03 -0.07 0.00	8.41 -0.10 0.00	10.70 -0.11 0.00	13.73 -0.07 0.00	17.80 0.09 0.00	21.41 0.34 0.00	20.73 0.33 0.00	22.54 0.27 0.00	20.93 0.25 0.00	19.25 0.21 0.00
ONEIDA___115KV_TB4 55905	21.93 0.45 0.00	18.67 0.34 0.00	16.60 0.30 0.00	17.84 0.32 0.00	18.92 0.36 0.00	20.51 0.42 0.00	19.87 0.43 0.00	19.83 0.44 0.00	20.80 0.49 0.00	19.58 0.46 0.00	20.20 0.47 0.00	18.65 0.40 0.00	14.64 0.27 0.00	14.63 0.16 0.00	8.16 0.05 0.00	8.54 0.04 0.00	10.87 0.05 0.00	13.91 0.11 0.00	18.01 0.30 0.00	21.61 0.55 0.00	20.97 0.57 0.00	22.80 0.53 0.00	21.13 0.46 0.00	19.44 0.40 0.00
ONONDAGA_REF_OCCRA 23987	21.43 -0.06 0.00	18.27 -0.07 0.00	16.23 -0.08 0.00	17.44 -0.08 0.00	18.48 -0.07 0.00	20.04 -0.05 0.00	19.40 -0.04 0.00	19.36 -0.03 0.00	20.31 0.00 0.00	19.14 0.02 0.00	19.74 0.00 0.00	18.22 -0.02 0.00	14.34 -0.03 0.00	14.38 -0.09 0.00	8.04 -0.06 0.00	8.43 -0.08 0.00	10.71 -0.11 0.00	13.68 -0.12 0.00	17.63 -0.07 0.00	21.01 -0.06 0.00	20.38 -0.01 0.00	22.16 -0.12 0.00	20.53 -0.14 0.00	18.91 -0.13 0.00
ONONDAGA___COGEN 23986	21.37 -0.12 0.00	18.21 -0.12 0.00	16.18 -0.13 0.00	17.39 -0.13 0.00	18.44 -0.12 0.00	19.97 -0.11 0.00	19.33 -0.10 0.00	19.30 -0.09 0.00	20.25 -0.06 0.00	19.07 -0.04 0.00	19.68 -0.05 0.00	18.17 -0.07 0.00	14.31 -0.06 0.00	14.35 -0.11 0.00	8.03 -0.07 0.00	8.42 -0.09 0.00	10.69 -0.12 0.00	13.66 -0.14 0.00	17.59 -0.11 0.00	20.93 -0.14 0.00	20.29 -0.10 0.00	22.07 -0.21 0.00	20.45 -0.23 0.00	18.83 -0.21 0.00
ONTARIO___LFGE 23819	21.63 0.15 0.00	18.38 0.04 0.00	16.28 -0.03 0.00	17.53 0.01 0.00	18.59 0.03 0.00	20.18 0.09 0.00	19.54 0.10 0.00	19.55 0.16 0.00	20.57 0.27 0.00	19.37 0.25 0.00	19.97 0.24 0.00	18.39 0.15 0.00	14.47 0.10 0.00	14.47 0.00 0.00	8.10 -0.01 0.00	8.46 -0.05 0.00	10.73 -0.09 0.00	13.72 -0.08 0.00	17.82 0.11 0.00	21.25 0.18 0.00	20.63 0.23 0.00	22.40 0.12 0.00	20.73 0.06 0.00	19.03 -0.02 0.00
ORANGEVILLE_WT_PWR 323706	21.55 0.06 0.00	18.45 0.11 0.00	16.32 0.01 0.00	17.52 0.01 0.00	18.75 0.20 0.00	20.45 0.37 0.00	19.68 0.25 0.00	19.45 0.05 0.00	20.49 0.18 0.00	19.25 0.13 0.00	19.89 0.16 0.00	18.25 0.00 0.00	14.40 0.03 0.00	14.46 -0.01 0.00	8.13 0.03 0.00	8.45 -0.06 0.00	10.58 -0.24 0.00	13.55 -0.25 0.00	17.50 -0.21 0.00	20.71 -0.35 0.00	20.12 -0.28 0.00	21.66 -0.61 0.00	20.11 -0.56 0.00	18.76 -0.28 0.00
ORANGEVILLE___ESR 323794	21.55 0.06 0.00	18.45 0.11 0.00	16.32 0.01 0.00	17.52 0.01 0.00	18.75 0.20 0.00	20.45 0.37 0.00	19.68 0.25 0.00	19.45 0.05 0.00	20.49 0.18 0.00	19.25 0.13 0.00	19.89 0.16 0.00	18.25 0.00 0.00	14.40 0.03 0.00	14.46 -0.01 0.00	8.13 0.03 0.00	8.45 -0.06 0.00	10.58 -0.24 0.00	13.55 -0.25 0.00	17.50 -0.21 0.00	20.71 -0.35 0.00	20.12 -0.28 0.00	21.66 -0.61 0.00	20.11 -0.56 0.00	18.76 -0.28 0.00
OSWEGATCHIE___HYD 24044	21.07 -0.42 0.00	17.94 -0.40 0.00	16.00 -0.30 0.00	17.26 -0.26 0.00	18.38 -0.18 0.00	19.95 -0.13 0.00	19.23 -0.20 0.00	19.17 -0.23 0.00	20.05 -0.26 0.00	18.67 -0.45 0.00	19.11 -0.62 0.00	17.58 -0.67 0.00	13.74 -0.63 0.00	13.79 -0.67 0.00	7.68 -0.42 0.00	8.03 -0.49 0.00	10.22 -0.60 0.00	13.14 -0.66 0.00	17.11 -0.60 0.00	20.71 -0.35 0.00	20.01 -0.38 0.00	21.91 -0.37 0.00	20.39 -0.28 0.00	18.79 -0.26 0.00
OSWEGO___5 23606	21.02 -0.47 0.00	17.93 -0.41 0.00	15.94 -0.37 0.00	17.13 -0.39 0.00	18.16 -0.40 0.00	19.66 -0.42 0.00	19.02 -0.42 0.00	18.98 -0.42 0.00	19.89 -0.42 0.00	18.74 -0.38 0.00	19.34 -0.40 0.00	17.85 -0.39 0.00	14.06 -0.31 0.00	14.13 -0.33 0.00	7.91 -0.19 0.00	8.30 -0.21 0.00	10.53 -0.29 0.00	13.44 -0.36 0.00	17.28 -0.43 0.00	20.54 -0.52 0.00	19.92 -0.48 0.00	21.67 -0.60 0.00	20.10 -0.57 0.00	18.52 -0.52 0.00
OSWEGO___6 23613	21.02 -0.47 0.00	17.93 -0.41 0.00	15.94 -0.37 0.00	17.13 -0.39 0.00	18.16 -0.40 0.00	19.66 -0.42 0.00	19.02 -0.42 0.00	18.98 -0.42 0.00	19.89 -0.42 0.00	18.74 -0.38 0.00	19.34 -0.40 0.00	17.85 -0.39 0.00	14.06 -0.31 0.00	14.13 -0.33 0.00	7.91 -0.19 0.00	8.30 -0.21 0.00	10.53 -0.29 0.00	13.44 -0.36 0.00	17.28 -0.43 0.00	20.54 -0.52 0.00	19.92 -0.48 0.00	21.67 -0.60 0.00	20.10 -0.57 0.00	18.52 -0.52 0.00
OUTOKUMPU-AB___DRP 24206	21.60 0.11 0.00	18.50 0.16 0.00	16.42 0.11 0.00	17.65 0.13 0.00	18.86 0.30 0.00	20.51 0.43 0.00	19.68 0.24 0.00	19.33 -0.06 0.00	20.38 0.07 0.00	19.12 0.00 0.00	19.76 0.03 0.00	18.12 -0.12 0.00	14.32 -0.05 0.00	14.39 -0.08 0.00	8.11 0.00 0.00	8.43 -0.09 0.00	10.54 -0.28 0.00	13.48 -0.33 0.00	17.41 -0.30 0.00	20.57 -0.50 0.00	19.97 -0.42 0.00	21.48 -0.79 0.00	19.97 -0.70 0.00	18.69 -0.35 0.00

OXBOW___BTM 323836	21.38 -0.10 0.00	18.33 -0.01 0.00	16.26 -0.04 0.00	17.49 -0.03 0.00	18.67 0.12 0.00	20.33 0.24 0.00	19.48 0.04 0.00	19.10 -0.30 0.00	20.12 -0.19 0.00	18.87 -0.24 0.00	19.51 -0.22 0.00	17.89 -0.35 0.00	14.15 -0.23 0.00	14.22 -0.24 0.00	8.02 -0.09 0.00	8.33 -0.18 0.00	10.41 -0.40 0.00	13.32 -0.49 0.00	17.17 -0.54 0.00	20.29 -0.77 0.00	19.71 -0.69 0.00	21.19 -1.09 0.00	19.70 -0.98 0.00	18.44 -0.60 0.00
OXBOW____ 24026	21.38 -0.11 0.00	18.32 -0.01 0.00	16.27 -0.04 0.00	17.49 -0.03 0.00	18.68 0.12 0.00	20.33 0.24 0.00	19.49 0.05 0.00	19.10 -0.30 0.00	20.12 -0.19 0.00	18.87 -0.24 0.00	19.51 -0.22 0.00	17.89 -0.35 0.00	14.15 -0.23 0.00	14.22 -0.24 0.00	8.02 -0.09 0.00	8.33 -0.18 0.00	10.41 -0.40 0.00	13.32 -0.49 0.00	17.18 -0.53 0.00	20.29 -0.77 0.00	19.71 -0.69 0.00	21.19 -1.09 0.00	19.70 -0.98 0.00	18.44 -0.60 0.00
OXY_CHEM_DSASP 323612	21.13 -0.35 0.00	18.14 -0.20 0.00	16.10 -0.20 0.00	17.31 -0.20 0.00	18.49 -0.06 0.00	20.13 0.05 0.00	19.29 -0.15 0.00	18.86 -0.54 0.00	19.85 -0.46 0.00	18.61 -0.50 0.00	19.25 -0.48 0.00	17.65 -0.60 0.00	13.96 -0.41 0.00	14.05 -0.41 0.00	7.92 -0.18 0.00	8.23 -0.28 0.00	10.28 -0.54 0.00	13.14 -0.66 0.00	16.94 -0.76 0.00	19.99 -1.07 0.00	19.41 -0.98 0.00	20.87 -1.41 0.00	19.41 -1.26 0.00	18.19 -0.85 0.00
OZONE_PARK_ESR 323760	22.47 0.98 0.00	19.09 0.75 0.00	16.95 0.64 0.00	18.21 0.69 0.00	19.23 0.67 0.00	20.81 0.73 0.00	20.20 0.76 0.00	20.25 0.86 0.00	21.19 0.88 0.00	20.05 0.94 0.00	20.72 0.99 0.00	19.22 0.98 0.00	15.23 0.86 0.00	15.32 0.85 0.00	8.57 0.47 0.00	9.06 0.55 0.00	11.55 0.73 0.00	14.79 0.99 0.00	18.84 1.13 0.00	22.32 1.25 0.00	21.65 1.26 0.00	23.54 1.27 0.00	21.72 1.05 0.00	19.93 0.89 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.13 -0.35 0.00	18.14 -0.20 0.00	16.10 -0.20 0.00	17.31 -0.20 0.00	18.49 -0.06 0.00	20.13 0.05 0.00	19.29 -0.15 0.00	18.86 -0.54 0.00	19.85 -0.46 0.00	18.61 -0.50 0.00	19.25 -0.48 0.00	17.65 -0.60 0.00	13.96 -0.41 0.00	14.05 -0.41 0.00	7.92 -0.18 0.00	8.23 -0.28 0.00	10.28 -0.54 0.00	13.14 -0.66 0.00	16.94 -0.76 0.00	19.99 -1.07 0.00	19.41 -0.98 0.00	20.87 -1.41 0.00	19.41 -1.26 0.00	18.19 -0.85 0.00
PACKARD__115KV_DUPONT_184 80571	21.13 -0.35 0.00	18.14 -0.20 0.00	16.10 -0.20 0.00	17.31 -0.20 0.00	18.49 -0.06 0.00	20.13 0.05 0.00	19.29 -0.15 0.00	18.86 -0.54 0.00	19.85 -0.46 0.00	18.61 -0.50 0.00	19.25 -0.48 0.00	17.65 -0.60 0.00	13.96 -0.41 0.00	14.05 -0.41 0.00	7.92 -0.18 0.00	8.23 -0.28 0.00	10.28 -0.54 0.00	13.14 -0.66 0.00	16.94 -0.76 0.00	19.99 -1.07 0.00	19.41 -0.98 0.00	20.87 -1.41 0.00	19.41 -1.26 0.00	18.19 -0.85 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.32 0.84 0.00	19.00 0.67 0.00	16.85 0.54 0.00	18.11 0.59 0.00	19.13 0.57 0.00	20.67 0.59 0.00	20.11 0.67 0.00	20.13 0.73 0.00	21.07 0.76 0.00	19.94 0.83 0.00	20.59 0.86 0.00	19.11 0.87 0.00	15.13 0.76 0.00	15.22 0.76 0.00	8.51 0.41 0.00	8.99 0.48 0.00	11.47 0.65 0.00	14.68 0.88 0.00	18.68 0.97 0.00	22.11 1.05 0.00	21.49 1.10 0.00	23.35 1.08 0.00	21.56 0.89 0.00	19.82 0.78 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.32 0.84 0.00	19.00 0.67 0.00	16.85 0.55 0.00	18.11 0.59 0.00	19.13 0.57 0.00	20.69 0.60 0.00	20.14 0.71 0.00	20.15 0.76 0.00	21.07 0.76 0.00	19.94 0.83 0.00	20.59 0.86 0.00	19.11 0.87 0.00	15.13 0.76 0.00	15.22 0.76 0.00	8.51 0.41 0.00	8.99 0.48 0.00	11.47 0.66 0.00	14.68 0.88 0.00	18.68 0.97 0.00	22.15 1.09 0.00	21.52 1.13 0.00	23.37 1.10 0.00	21.60 0.92 0.00	19.85 0.81 0.00
PATROON__115KV_TB1 80586	22.08 0.59 0.00	18.81 0.47 0.00	16.73 0.42 0.00	17.97 0.45 0.00	19.00 0.44 0.00	20.52 0.43 0.00	19.88 0.45 0.00	19.85 0.46 0.00	20.78 0.47 0.00	19.62 0.50 0.00	20.30 0.57 0.00	18.75 0.51 0.00	14.77 0.40 0.00	14.85 0.39 0.00	8.30 0.20 0.00	8.73 0.22 0.00	11.14 0.32 0.00	14.23 0.43 0.00	18.11 0.41 0.00	21.38 0.32 0.00	20.72 0.33 0.00	22.67 0.40 0.00	21.03 0.35 0.00	19.38 0.34 0.00
PATTRSNVILLE__SOLAR 323815	22.11 0.62 0.00	18.84 0.51 0.00	16.75 0.45 0.00	18.00 0.49 0.00	19.04 0.49 0.00	20.60 0.52 0.00	19.96 0.53 0.00	19.94 0.54 0.00	20.84 0.53 0.00	19.61 0.49 0.00	20.25 0.52 0.00	18.72 0.48 0.00	14.73 0.36 0.00	14.80 0.33 0.00	8.28 0.17 0.00	8.69 0.18 0.00	11.05 0.23 0.00	14.13 0.33 0.00	18.20 0.49 0.00	21.74 0.68 0.00	21.07 0.68 0.00	22.97 0.69 0.00	21.28 0.61 0.00	19.59 0.55 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.01 0.53 0.00	18.81 0.47 0.00	16.67 0.37 0.00	17.96 0.45 0.00	19.18 0.62 0.00	20.87 0.79 0.00	20.07 0.63 0.00	19.87 0.47 0.00	20.91 0.60 0.00	19.69 0.57 0.00	20.33 0.60 0.00	18.65 0.41 0.00	14.71 0.34 0.00	14.78 0.31 0.00	8.31 0.21 0.00	8.65 0.13 0.00	10.85 0.03 0.00	13.87 0.06 0.00	17.92 0.21 0.00	21.19 0.12 0.00	20.57 0.18 0.00	22.17 -0.10 0.00	20.58 -0.09 0.00	19.14 0.10 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.41 0.92 0.00	19.04 0.70 0.00	16.90 0.60 0.00	18.17 0.65 0.00	19.20 0.65 0.00	20.78 0.70 0.00	20.18 0.75 0.00	20.21 0.81 0.00	21.15 0.84 0.00	19.98 0.86 0.00	20.63 0.90 0.00	19.11 0.86 0.00	15.08 0.71 0.00	15.16 0.70 0.00	8.49 0.39 0.00	8.96 0.44 0.00	11.44 0.62 0.00	14.65 0.85 0.00	18.70 1.00 0.00	22.23 1.17 0.00	21.56 1.17 0.00	23.45 1.18 0.00	21.65 0.98 0.00	19.87 0.83 0.00
PEEKSKILL____ 23653	22.15 0.67 0.00	18.80 0.47 0.00	16.70 0.39 0.00	17.95 0.43 0.00	18.97 0.42 0.00	20.54 0.45 0.00	19.94 0.50 0.00	19.96 0.57 0.00	20.87 0.57 0.00	19.73 0.62 0.00	20.39 0.66 0.00	18.89 0.65 0.00	14.94 0.57 0.00	15.04 0.57 0.00	8.42 0.31 0.00	8.89 0.38 0.00	11.34 0.53 0.00	14.52 0.71 0.00	18.51 0.80 0.00	21.96 0.90 0.00	21.30 0.91 0.00	23.18 0.90 0.00	21.41 0.74 0.00	19.64 0.60 0.00
PGE MADISON__WINDPWR 24146	23.06 1.57 0.00	19.44 1.10 0.00	17.38 1.08 0.00	18.48 0.96 0.00	19.65 1.09 0.00	21.52 1.44 0.00	20.70 1.26 0.00	20.56 1.16 0.00	21.54 1.23 0.00	20.20 1.09 0.00	20.69 0.95 0.00	19.06 0.82 0.00	15.05 0.68 0.00	15.06 0.59 0.00	8.38 0.28 0.00	8.76 0.25 0.00	11.14 0.32 0.00	14.41 0.60 0.00	19.03 1.32 0.00	22.98 1.91 0.00	22.30 1.91 0.00	24.20 1.92 0.00	22.37 1.69 0.00	20.50 1.47 0.00
PIERCEFIELD__HYD 23852	20.92 -0.57 0.00	17.92 -0.41 0.00	15.95 -0.36 0.00	17.13 -0.39 0.00	18.21 -0.34 0.00	19.77 -0.32 0.00	19.06 -0.38 0.00	18.99 -0.41 0.00	19.84 -0.47 0.00	18.46 -0.65 0.00	18.94 -0.79 0.00	17.49 -0.75 0.00	13.72 -0.66 0.00	13.82 -0.64 0.00	7.74 -0.37 0.00	8.10 -0.41 0.00	10.28 -0.53 0.00	13.19 -0.61 0.00	17.04 -0.66 0.00	20.52 -0.54 0.00	19.81 -0.59 0.00	21.84 -0.43 0.00	20.34 -0.33 0.00	18.77 -0.28 0.00

PINELAWN_CC_1 323563	22.49 1.00 0.00	19.16 0.82 0.00	16.95 0.64 0.00	18.20 0.68 0.00	19.23 0.68 0.00	20.75 0.67 0.00	20.13 0.69 0.00	20.08 0.68 0.00	20.87 0.56 0.00	19.75 0.64 0.00	20.49 0.76 0.00	18.93 0.69 0.00	14.91 0.54 0.00	14.98 0.52 0.00	8.40 0.30 0.00	8.89 0.38 0.00	11.42 0.61 0.00	14.68 0.88 0.00	18.65 0.94 0.00	22.20 1.14 0.00	21.51 1.12 0.00	23.48 1.21 0.00	21.72 1.04 0.00	19.87 0.83 0.00
PJM_GEN_HTP_PROXY 323702	22.27 0.78 0.00	18.92 0.58 0.00	16.80 0.50 0.00	18.06 0.54 0.00	19.07 0.51 0.00	20.63 0.55 0.00	20.03 0.60 0.00	20.08 0.69 0.00	21.01 0.70 0.00	19.88 0.77 0.00	20.55 0.81 0.00	19.06 0.82 0.00	15.10 0.72 0.00	15.18 0.72 0.00	8.50 0.40 0.00	8.98 0.47 0.00	11.46 0.64 0.00	14.66 0.86 0.00	18.66 0.96 0.00	22.11 1.04 0.00	21.44 1.05 0.00	23.31 1.04 0.00	21.52 0.85 0.00	19.75 0.71 0.00
PJM_GEN_KEystone 24065	-5.47 0.25 27.20	18.42 0.08 0.00	15.89 0.02 0.44	18.17 0.10 -0.55	18.69 0.13 0.00	20.29 0.21 0.00	19.65 0.21 0.00	19.62 0.23 0.00	20.59 0.28 0.00	19.46 0.34 0.00	20.11 0.38 0.00	18.58 0.34 0.00	14.68 0.30 0.00	14.77 0.30 0.00	8.27 0.17 0.00	8.69 0.18 0.00	11.02 0.21 0.00	14.08 0.28 0.00	18.06 0.35 0.00	21.41 0.34 0.00	20.75 0.35 0.00	22.52 0.25 0.00	22.43 0.15 -1.61	19.13 0.09 0.00
PJM_GEN_NEPTUNE_PROXY 323594	22.25 0.76 0.00	18.94 0.61 0.00	16.77 0.47 0.00	18.02 0.51 0.00	19.03 0.48 0.00	20.55 0.46 0.00	19.93 0.49 0.00	19.89 0.50 0.00	20.70 0.39 0.00	19.62 0.51 0.00	20.37 0.64 0.00	18.84 0.59 0.00	14.85 0.48 0.00	14.94 0.47 0.00	8.38 0.28 0.00	8.86 0.35 0.00	11.35 0.53 0.00	14.56 0.76 0.00	18.48 0.77 0.00	21.97 0.90 0.00	21.27 0.88 0.00	23.23 0.95 0.00	21.47 0.80 0.00	19.66 0.62 0.00
PJM_GEN_VFT_PROXY 323633	22.17 0.68 0.00	18.83 0.50 0.00	16.72 0.42 0.00	17.98 0.46 0.00	18.99 0.43 0.00	20.56 0.47 0.00	19.96 0.52 0.00	20.00 0.61 0.00	20.93 0.62 0.00	19.80 0.69 0.00	20.46 0.73 0.00	18.98 0.74 0.00	15.04 0.67 0.00	15.13 0.66 0.00	8.47 0.36 0.00	8.94 0.43 0.00	11.41 0.59 0.00	14.61 0.80 0.00	18.60 0.89 0.00	22.01 0.95 0.00	21.35 0.96 0.00	23.22 0.94 0.00	21.43 0.76 0.00	19.67 0.63 0.00
PLATSBRG_115KV_PMLD1 355749	21.87 0.38 0.00	18.78 0.45 0.00	16.64 0.33 0.00	17.89 0.38 0.00	19.01 0.45 0.00	20.50 0.42 0.00	19.71 0.27 0.00	19.64 0.25 0.00	20.46 0.16 0.00	18.94 -0.18 0.00	19.12 -0.61 0.00	17.76 -0.48 0.00	13.89 -0.48 0.00	14.00 -0.46 0.00	7.83 -0.28 0.00	8.24 -0.27 0.00	10.43 -0.39 0.00	13.47 -0.33 0.00	17.50 -0.21 0.00	21.25 0.18 0.00	20.52 0.12 0.00	22.63 0.35 0.00	21.06 0.39 0.00	19.56 0.52 0.00
PLEASANTVLY___LBMP 24000	22.00 0.51 0.00	18.72 0.38 0.00	16.63 0.32 0.00	17.87 0.36 0.00	18.88 0.32 0.00	20.40 0.31 0.00	19.78 0.35 0.00	19.80 0.41 0.00	20.72 0.41 0.00	19.59 0.48 0.00	20.25 0.51 0.00	18.75 0.50 0.00	14.81 0.44 0.00	14.91 0.45 0.00	8.35 0.25 0.00	8.81 0.30 0.00	11.24 0.42 0.00	14.37 0.57 0.00	18.31 0.61 0.00	21.75 0.69 0.00	21.09 0.70 0.00	22.96 0.68 0.00	21.23 0.55 0.00	19.50 0.46 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.18 0.69 0.00	18.85 0.51 0.00	16.74 0.43 0.00	17.99 0.47 0.00	19.01 0.45 0.00	20.55 0.47 0.00	19.95 0.51 0.00	19.97 0.58 0.00	20.89 0.59 0.00	19.76 0.65 0.00	20.42 0.69 0.00	18.91 0.67 0.00	14.96 0.59 0.00	15.05 0.59 0.00	8.43 0.32 0.00	8.89 0.38 0.00	11.35 0.53 0.00	14.53 0.73 0.00	18.51 0.80 0.00	21.97 0.91 0.00	21.31 0.92 0.00	23.18 0.91 0.00	21.42 0.75 0.00	19.66 0.63 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.18 0.69 0.00	18.85 0.51 0.00	16.74 0.43 0.00	17.99 0.47 0.00	19.01 0.45 0.00	20.55 0.47 0.00	19.95 0.51 0.00	19.97 0.58 0.00	20.89 0.59 0.00	19.76 0.65 0.00	20.42 0.69 0.00	18.91 0.67 0.00	14.96 0.59 0.00	15.05 0.59 0.00	8.43 0.32 0.00	8.89 0.38 0.00	11.35 0.53 0.00	14.53 0.73 0.00	18.51 0.80 0.00	21.97 0.91 0.00	21.31 0.92 0.00	23.18 0.91 0.00	21.42 0.75 0.00	19.66 0.63 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.45 0.97 0.00	19.07 0.73 0.00	16.94 0.63 0.00	18.20 0.68 0.00	19.24 0.69 0.00	20.83 0.75 0.00	20.22 0.78 0.00	20.24 0.85 0.00	21.17 0.86 0.00	19.97 0.86 0.00	20.61 0.87 0.00	19.08 0.84 0.00	15.04 0.67 0.00	15.13 0.67 0.00	8.47 0.37 0.00	8.93 0.42 0.00	11.42 0.60 0.00	14.64 0.84 0.00	18.72 1.01 0.00	22.27 1.21 0.00	21.61 1.22 0.00	23.51 1.23 0.00	21.70 1.03 0.00	19.91 0.87 0.00
POLETTI____ 23519	22.24 0.75 0.00	18.89 0.56 0.00	16.79 0.49 0.00	18.05 0.53 0.00	19.05 0.49 0.00	20.61 0.53 0.00	20.00 0.56 0.00	20.05 0.66 0.00	20.97 0.67 0.00	19.85 0.74 0.00	20.52 0.79 0.00	19.04 0.80 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.50 0.39 0.00	8.97 0.46 0.00	11.45 0.63 0.00	14.65 0.85 0.00	18.65 0.94 0.00	22.06 1.00 0.00	21.40 1.01 0.00	23.27 1.00 0.00	21.48 0.81 0.00	19.72 0.68 0.00
POMONA___ESR 323819	22.19 0.70 0.00	18.81 0.48 0.00	16.70 0.39 0.00	17.96 0.44 0.00	18.99 0.43 0.00	20.56 0.48 0.00	19.97 0.54 0.00	19.99 0.60 0.00	20.90 0.60 0.00	19.75 0.64 0.00	20.41 0.68 0.00	18.91 0.67 0.00	14.96 0.59 0.00	15.06 0.59 0.00	8.43 0.33 0.00	8.90 0.39 0.00	11.36 0.54 0.00	14.54 0.73 0.00	18.54 0.83 0.00	22.00 0.94 0.00	21.34 0.95 0.00	23.22 0.95 0.00	21.45 0.78 0.00	19.67 0.63 0.00
PORT_JEFF_3 23555	22.59 1.11 0.00	19.29 0.95 0.00	17.07 0.76 0.00	18.32 0.81 0.00	19.36 0.81 0.00	20.88 0.79 0.00	20.27 0.83 0.00	20.22 0.83 0.00	20.98 0.67 0.00	19.86 0.74 0.00	20.59 0.85 0.00	19.02 0.77 0.00	14.96 0.58 0.00	15.01 0.54 0.00	8.41 0.30 0.00	8.90 0.38 0.00	11.43 0.61 0.00	14.75 0.95 0.00	18.72 1.02 0.00	22.29 1.23 0.00	21.59 1.20 0.00	23.57 1.30 0.00	21.84 1.17 0.00	19.97 0.93 0.00
PORT_JEFF_4 23616	22.59 1.11 0.00	19.29 0.95 0.00	17.07 0.76 0.00	18.32 0.81 0.00	19.36 0.81 0.00	20.88 0.79 0.00	20.27 0.83 0.00	20.22 0.83 0.00	20.98 0.67 0.00	19.86 0.74 0.00	20.59 0.85 0.00	19.02 0.77 0.00	14.96 0.58 0.00	15.01 0.54 0.00	8.41 0.30 0.00	8.90 0.38 0.00	11.43 0.61 0.00	14.75 0.95 0.00	18.72 1.02 0.00	22.29 1.23 0.00	21.59 1.20 0.00	23.57 1.30 0.00	21.84 1.17 0.00	19.97 0.93 0.00
PORT_JEFF_IC 23713	22.61 1.12 0.00	19.30 0.97 0.00	17.08 0.77 0.00	18.33 0.81 0.00	19.37 0.81 0.00	20.88 0.79 0.00	20.28 0.85 0.00	20.22 0.83 0.00	20.99 0.69 0.00	19.87 0.75 0.00	20.60 0.86 0.00	19.02 0.77 0.00	14.96 0.59 0.00	15.01 0.55 0.00	8.41 0.30 0.00	8.90 0.39 0.00	11.44 0.62 0.00	14.77 0.96 0.00	18.74 1.04 0.00	22.31 1.25 0.00	21.61 1.22 0.00	23.59 1.32 0.00	21.85 1.18 0.00	19.98 0.94 0.00

PPL PILGRIM_ST_GT1 24216	22.64 1.15 0.00	19.30 0.96 0.00	17.08 0.77 0.00	18.34 0.82 0.00	19.37 0.82 0.00	20.90 0.81 0.00	20.27 0.84 0.00	20.23 0.83 0.00	21.00 0.70 0.00	19.88 0.77 0.00	20.63 0.89 0.00	19.06 0.81 0.00	14.99 0.62 0.00	15.06 0.60 0.00	8.44 0.34 0.00	8.93 0.42 0.00	11.48 0.66 0.00	14.78 0.97 0.00	18.77 1.06 0.00	22.35 1.29 0.00	21.64 1.25 0.00	23.63 1.36 0.00	21.86 1.18 0.00	20.00 0.96 0.00
PPL PILGRIM_ST_GT2 24217	22.64 1.15 0.00	19.30 0.96 0.00	17.08 0.77 0.00	18.34 0.82 0.00	19.37 0.82 0.00	20.90 0.81 0.00	20.27 0.84 0.00	20.23 0.83 0.00	21.00 0.70 0.00	19.88 0.77 0.00	20.63 0.89 0.00	19.06 0.81 0.00	14.99 0.62 0.00	15.06 0.60 0.00	8.44 0.34 0.00	8.93 0.42 0.00	11.48 0.66 0.00	14.78 0.97 0.00	18.77 1.06 0.00	22.35 1.29 0.00	21.64 1.25 0.00	23.63 1.36 0.00	21.86 1.18 0.00	20.00 0.96 0.00
PPL_SHRM_GT3 24213	22.67 1.19 0.00	19.40 1.06 0.00	17.16 0.86 0.00	18.42 0.90 0.00	19.46 0.91 0.00	20.97 0.88 0.00	20.38 0.95 0.00	20.35 0.95 0.00	21.07 0.77 0.00	19.93 0.81 0.00	20.63 0.90 0.00	19.05 0.81 0.00	14.97 0.60 0.00	15.00 0.54 0.00	8.40 0.29 0.00	8.88 0.37 0.00	11.42 0.60 0.00	14.80 0.99 0.00	18.76 1.06 0.00	22.35 1.29 0.00	21.66 1.26 0.00	23.62 1.34 0.00	21.95 1.28 0.00	20.04 1.00 0.00
PPL_SHRM_GT4 24214	22.67 1.19 0.00	19.40 1.06 0.00	17.16 0.86 0.00	18.42 0.90 0.00	19.46 0.91 0.00	20.97 0.88 0.00	20.38 0.95 0.00	20.35 0.95 0.00	21.07 0.77 0.00	19.93 0.81 0.00	20.63 0.90 0.00	19.05 0.81 0.00	14.97 0.60 0.00	15.00 0.54 0.00	8.40 0.29 0.00	8.88 0.37 0.00	11.42 0.60 0.00	14.80 0.99 0.00	18.76 1.06 0.00	22.35 1.29 0.00	21.66 1.26 0.00	23.62 1.34 0.00	21.95 1.28 0.00	20.04 1.00 0.00
PROJECT___ORANGE 1 24174	21.26 -0.22 0.00	18.13 -0.21 0.00	16.10 -0.20 0.00	17.31 -0.21 0.00	18.35 -0.21 0.00	19.88 -0.20 0.00	19.25 -0.19 0.00	19.20 -0.19 0.00	20.15 -0.16 0.00	18.98 -0.13 0.00	19.60 -0.14 0.00	18.09 -0.15 0.00	14.24 -0.13 0.00	14.29 -0.17 0.00	8.00 -0.10 0.00	8.39 -0.12 0.00	10.65 -0.17 0.00	13.60 -0.21 0.00	17.51 -0.20 0.00	20.82 -0.25 0.00	20.19 -0.21 0.00	21.94 -0.33 0.00	20.34 -0.33 0.00	18.74 -0.30 0.00
PROJECT___ORANGE 2 24166	21.26 -0.22 0.00	18.13 -0.21 0.00	16.10 -0.20 0.00	17.31 -0.21 0.00	18.35 -0.21 0.00	19.88 -0.20 0.00	19.25 -0.19 0.00	19.20 -0.19 0.00	20.15 -0.16 0.00	18.98 -0.13 0.00	19.60 -0.14 0.00	18.09 -0.15 0.00	14.24 -0.13 0.00	14.29 -0.17 0.00	8.00 -0.10 0.00	8.39 -0.12 0.00	10.65 -0.17 0.00	13.60 -0.21 0.00	17.51 -0.20 0.00	20.82 -0.25 0.00	20.19 -0.21 0.00	21.94 -0.33 0.00	20.34 -0.33 0.00	18.74 -0.30 0.00
PUCKETT___SOLAR 323809	21.91 0.42 0.00	18.51 0.17 0.00	16.51 0.21 0.00	17.74 0.22 0.00	18.79 0.24 0.00	20.44 0.35 0.00	19.70 0.26 0.00	19.69 0.29 0.00	20.63 0.32 0.00	19.41 0.29 0.00	19.97 0.24 0.00	18.41 0.17 0.00	14.51 0.14 0.00	14.58 0.11 0.00	8.17 0.06 0.00	8.57 0.05 0.00	10.89 0.07 0.00	13.97 0.17 0.00	18.15 0.44 0.00	21.65 0.59 0.00	21.00 0.61 0.00	22.83 0.56 0.00	21.13 0.46 0.00	19.39 0.35 0.00
PYRITES___HYD 24023	21.43 -0.05 0.00	18.38 0.04 0.00	16.34 0.03 0.00	17.54 0.02 0.00	18.64 0.09 0.00	20.25 0.17 0.00	19.54 0.11 0.00	19.47 0.07 0.00	20.32 0.01 0.00	18.83 -0.29 0.00	19.27 -0.46 0.00	17.79 -0.46 0.00	13.96 -0.41 0.00	14.08 -0.39 0.00	7.89 -0.22 0.00	8.26 -0.25 0.00	10.50 -0.32 0.00	13.46 -0.34 0.00	17.41 -0.29 0.00	21.06 0.00 0.00	20.34 -0.06 0.00	22.43 0.16 0.00	20.88 0.21 0.00	19.24 0.20 0.00
QUAKERRD_115KV_BK1 80622	20.94 -0.55 0.00	17.89 -0.45 0.00	15.89 -0.42 0.00	17.09 -0.43 0.00	18.17 -0.38 0.00	19.73 -0.36 0.00	19.04 -0.40 0.00	18.90 -0.50 0.00	19.86 -0.45 0.00	18.68 -0.44 0.00	19.28 -0.45 0.00	17.73 -0.51 0.00	13.96 -0.41 0.00	14.02 -0.45 0.00	7.87 -0.24 0.00	8.21 -0.30 0.00	10.36 -0.45 0.00	13.26 -0.55 0.00	17.10 -0.60 0.00	20.30 -0.76 0.00	19.70 -0.70 0.00	21.31 -0.96 0.00	19.77 -0.90 0.00	18.30 -0.74 0.00
QUENSRY_115KV_TB8 356137	22.21 0.72 0.00	18.88 0.55 0.00	16.76 0.45 0.00	18.02 0.50 0.00	19.05 0.49 0.00	20.54 0.46 0.00	19.94 0.51 0.00	20.00 0.60 0.00	20.90 0.59 0.00	19.71 0.59 0.00	20.31 0.58 0.00	18.74 0.50 0.00	14.74 0.37 0.00	14.77 0.31 0.00	8.22 0.11 0.00	8.66 0.14 0.00	11.06 0.24 0.00	14.24 0.44 0.00	18.35 0.64 0.00	21.95 0.88 0.00	21.19 0.79 0.00	23.00 0.73 0.00	21.30 0.63 0.00	19.56 0.52 0.00
RAMAPO___LBMP 323565	22.11 0.62 0.00	18.75 0.42 0.00	16.64 0.34 0.00	17.90 0.39 0.00	18.92 0.37 0.00	20.50 0.42 0.00	19.91 0.47 0.00	19.93 0.53 0.00	20.84 0.53 0.00	19.69 0.58 0.00	20.35 0.61 0.00	18.85 0.61 0.00	14.90 0.53 0.00	15.01 0.54 0.00	8.40 0.29 0.00	8.87 0.36 0.00	11.32 0.50 0.00	14.48 0.68 0.00	18.46 0.76 0.00	21.92 0.85 0.00	21.26 0.87 0.00	23.14 0.86 0.00	21.37 0.70 0.00	19.60 0.56 0.00
RANKINE____ 23646	21.78 0.30 0.00	18.63 0.29 0.00	16.51 0.21 0.00	17.77 0.25 0.00	18.98 0.42 0.00	20.66 0.58 0.00	19.86 0.42 0.00	19.61 0.21 0.00	20.66 0.35 0.00	19.42 0.31 0.00	20.07 0.33 0.00	18.41 0.16 0.00	14.53 0.16 0.00	14.60 0.14 0.00	8.22 0.11 0.00	8.55 0.04 0.00	10.70 -0.11 0.00	13.70 -0.11 0.00	17.68 -0.02 0.00	20.90 -0.17 0.00	20.29 -0.11 0.00	21.85 -0.42 0.00	20.29 -0.38 0.00	18.92 -0.12 0.00
RAVENSWOOD_GT2_1 24244	22.28 0.79 0.00	18.93 0.59 0.00	16.81 0.50 0.00	18.07 0.55 0.00	19.07 0.51 0.00	20.64 0.55 0.00	20.04 0.60 0.00	20.08 0.69 0.00	21.00 0.70 0.00	19.88 0.76 0.00	20.54 0.81 0.00	19.06 0.81 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.50 0.39 0.00	8.98 0.47 0.00	11.45 0.64 0.00	14.66 0.85 0.00	18.66 0.95 0.00	22.10 1.04 0.00	21.43 1.04 0.00	23.31 1.03 0.00	21.52 0.85 0.00	19.75 0.71 0.00
RAVENSWOOD_GT2_2 24245	22.28 0.79 0.00	18.93 0.59 0.00	16.81 0.50 0.00	18.07 0.55 0.00	19.07 0.51 0.00	20.64 0.55 0.00	20.04 0.60 0.00	20.08 0.69 0.00	21.00 0.70 0.00	19.88 0.76 0.00	20.54 0.81 0.00	19.06 0.81 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.50 0.39 0.00	8.98 0.47 0.00	11.45 0.64 0.00	14.66 0.85 0.00	18.66 0.95 0.00	22.10 1.04 0.00	21.43 1.04 0.00	23.31 1.03 0.00	21.52 0.85 0.00	19.75 0.71 0.00
RAVENSWOOD_GT2_3 24246	22.28 0.79 0.00	18.93 0.59 0.00	16.81 0.50 0.00	18.07 0.55 0.00	19.08 0.53 0.00	20.64 0.56 0.00	20.05 0.61 0.00	20.09 0.70 0.00	21.01 0.71 0.00	19.89 0.77 0.00	20.55 0.82 0.00	19.07 0.82 0.00	15.10 0.73 0.00	15.19 0.73 0.00	8.50 0.40 0.00	8.98 0.47 0.00	11.46 0.64 0.00	14.67 0.86 0.00	18.67 0.96 0.00	22.11 1.04 0.00	21.45 1.06 0.00	23.32 1.04 0.00	21.53 0.86 0.00	19.76 0.72 0.00



RAVENSWOOD_GT2_4 24247	22.28 0.79 0.00	18.93 0.59 0.00	16.81 0.50 0.00	18.07 0.55 0.00	19.08 0.53 0.00	20.64 0.56 0.00	20.05 0.61 0.00	20.09 0.70 0.00	21.01 0.71 0.00	19.89 0.77 0.00	20.55 0.82 0.00	19.07 0.82 0.00	15.10 0.73 0.00	15.19 0.73 0.00	8.50 0.40 0.00	8.98 0.47 0.00	11.46 0.64 0.00	14.67 0.86 0.00	18.67 0.96 0.00	22.11 1.04 0.00	21.45 1.06 0.00	23.32 1.04 0.00	21.53 0.86 0.00	19.76 0.72 0.00
RAVENSWOOD_GT3_1 24248	22.28 0.79 0.00	18.93 0.59 0.00	16.81 0.50 0.00	18.07 0.55 0.00	19.07 0.51 0.00	20.64 0.55 0.00	20.04 0.60 0.00	20.08 0.69 0.00	21.00 0.70 0.00	19.88 0.77 0.00	20.54 0.81 0.00	19.06 0.81 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.50 0.40 0.00	8.98 0.47 0.00	11.45 0.64 0.00	14.66 0.85 0.00	18.66 0.95 0.00	22.10 1.04 0.00	21.43 1.04 0.00	23.31 1.03 0.00	21.52 0.85 0.00	19.75 0.71 0.00
RAVENSWOOD_GT3_2 24249	22.28 0.79 0.00	18.93 0.59 0.00	16.81 0.50 0.00	18.07 0.55 0.00	19.07 0.51 0.00	20.64 0.55 0.00	20.04 0.60 0.00	20.08 0.69 0.00	21.00 0.70 0.00	19.88 0.77 0.00	20.54 0.81 0.00	19.06 0.81 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.50 0.40 0.00	8.98 0.47 0.00	11.45 0.64 0.00	14.66 0.85 0.00	18.66 0.95 0.00	22.10 1.04 0.00	21.43 1.04 0.00	23.31 1.03 0.00	21.52 0.85 0.00	19.75 0.71 0.00
RAVENSWOOD_GT3_3 24250	22.30 0.81 0.00	18.95 0.61 0.00	16.83 0.52 0.00	18.08 0.57 0.00	19.09 0.54 0.00	20.66 0.58 0.00	20.06 0.63 0.00	20.11 0.71 0.00	21.03 0.73 0.00	19.91 0.79 0.00	20.57 0.84 0.00	19.09 0.84 0.00	15.11 0.74 0.00	15.21 0.74 0.00	8.51 0.41 0.00	8.99 0.48 0.00	11.47 0.65 0.00	14.68 0.88 0.00	18.69 0.98 0.00	22.13 1.07 0.00	21.47 1.08 0.00	23.34 1.07 0.00	21.55 0.88 0.00	19.78 0.74 0.00
RAVENSWOOD_GT3_4 24251	22.30 0.81 0.00	18.95 0.61 0.00	16.83 0.52 0.00	18.08 0.57 0.00	19.09 0.54 0.00	20.66 0.58 0.00	20.06 0.63 0.00	20.11 0.71 0.00	21.03 0.73 0.00	19.91 0.79 0.00	20.57 0.84 0.00	19.09 0.84 0.00	15.11 0.74 0.00	15.21 0.74 0.00	8.51 0.41 0.00	8.99 0.48 0.00	11.47 0.65 0.00	14.68 0.88 0.00	18.69 0.98 0.00	22.13 1.07 0.00	21.47 1.08 0.00	23.34 1.07 0.00	21.55 0.88 0.00	19.78 0.74 0.00
RAVENSWOOD_GT_1 23729	22.35 0.86 0.00	19.00 0.66 0.00	16.86 0.55 0.00	18.12 0.60 0.00	19.13 0.57 0.00	20.69 0.61 0.00	20.10 0.67 0.00	20.14 0.75 0.00	21.07 0.77 0.00	19.95 0.84 0.00	20.61 0.88 0.00	19.13 0.89 0.00	15.15 0.78 0.00	15.25 0.79 0.00	8.53 0.43 0.00	9.01 0.50 0.00	11.50 0.68 0.00	14.71 0.91 0.00	18.71 1.00 0.00	22.14 1.08 0.00	21.49 1.10 0.00	23.36 1.09 0.00	21.57 0.90 0.00	19.80 0.76 0.00
RAVENSWOOD_GT_10 24258	22.28 0.79 0.00	18.92 0.59 0.00	16.81 0.50 0.00	18.06 0.54 0.00	19.07 0.51 0.00	20.64 0.55 0.00	20.04 0.60 0.00	20.08 0.69 0.00	21.00 0.69 0.00	19.88 0.76 0.00	20.54 0.81 0.00	19.06 0.81 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.50 0.39 0.00	8.98 0.47 0.00	11.45 0.64 0.00	14.66 0.85 0.00	18.66 0.95 0.00	22.10 1.04 0.00	21.43 1.04 0.00	23.31 1.03 0.00	21.52 0.85 0.00	19.75 0.71 0.00
RAVENSWOOD_GT_11 24259	22.28 0.79 0.00	18.92 0.59 0.00	16.81 0.50 0.00	18.06 0.54 0.00	19.07 0.51 0.00	20.64 0.55 0.00	20.04 0.60 0.00	20.08 0.69 0.00	21.00 0.69 0.00	19.88 0.76 0.00	20.54 0.81 0.00	19.06 0.81 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.50 0.39 0.00	8.98 0.47 0.00	11.45 0.64 0.00	14.66 0.85 0.00	18.66 0.95 0.00	22.10 1.04 0.00	21.43 1.04 0.00	23.31 1.03 0.00	21.52 0.85 0.00	19.75 0.71 0.00
RAVENSWOOD_GT_4 24252	22.28 0.79 0.00	18.92 0.58 0.00	16.81 0.50 0.00	18.06 0.55 0.00	19.07 0.52 0.00	20.64 0.55 0.00	20.03 0.60 0.00	20.08 0.69 0.00	21.00 0.69 0.00	19.88 0.76 0.00	20.54 0.81 0.00	19.06 0.81 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.49 0.39 0.00	8.97 0.46 0.00	11.45 0.64 0.00	14.65 0.85 0.00	18.66 0.95 0.00	22.10 1.04 0.00	21.43 1.04 0.00	23.31 1.03 0.00	21.52 0.85 0.00	19.75 0.71 0.00
RAVENSWOOD_GT_5 24254	22.28 0.79 0.00	18.92 0.58 0.00	16.81 0.50 0.00	18.06 0.55 0.00	19.07 0.52 0.00	20.64 0.55 0.00	20.03 0.60 0.00	20.08 0.69 0.00	21.00 0.69 0.00	19.88 0.76 0.00	20.54 0.81 0.00	19.06 0.81 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.49 0.39 0.00	8.97 0.46 0.00	11.45 0.64 0.00	14.65 0.85 0.00	18.66 0.95 0.00	22.10 1.04 0.00	21.43 1.04 0.00	23.31 1.03 0.00	21.52 0.85 0.00	19.75 0.71 0.00
RAVENSWOOD_GT_6 24253	22.28 0.79 0.00	18.92 0.58 0.00	16.81 0.50 0.00	18.06 0.55 0.00	19.07 0.52 0.00	20.64 0.55 0.00	20.03 0.60 0.00	20.08 0.69 0.00	21.00 0.69 0.00	19.88 0.76 0.00	20.54 0.81 0.00	19.06 0.81 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.49 0.39 0.00	8.97 0.46 0.00	11.45 0.64 0.00	14.65 0.85 0.00	18.66 0.95 0.00	22.10 1.04 0.00	21.43 1.04 0.00	23.31 1.03 0.00	21.52 0.85 0.00	19.75 0.71 0.00
RAVENSWOOD_GT_7 24255	22.28 0.79 0.00	18.92 0.58 0.00	16.81 0.50 0.00	18.06 0.55 0.00	19.07 0.52 0.00	20.64 0.55 0.00	20.03 0.60 0.00	20.08 0.69 0.00	21.00 0.69 0.00	19.88 0.76 0.00	20.54 0.81 0.00	19.06 0.81 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.49 0.39 0.00	8.97 0.46 0.00	11.45 0.64 0.00	14.65 0.85 0.00	18.66 0.95 0.00	22.10 1.04 0.00	21.43 1.04 0.00	23.31 1.03 0.00	21.52 0.85 0.00	19.75 0.71 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.28 0.79 0.00	18.92 0.59 0.00	16.81 0.50 0.00	18.06 0.54 0.00	19.07 0.51 0.00	20.64 0.55 0.00	20.04 0.60 0.00	20.08 0.69 0.00	21.00 0.69 0.00	19.88 0.76 0.00	20.54 0.81 0.00	19.06 0.81 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.50 0.39 0.00	8.98 0.47 0.00	11.45 0.64 0.00	14.66 0.85 0.00	18.66 0.95 0.00	22.10 1.04 0.00	21.43 1.04 0.00	23.31 1.03 0.00	21.52 0.85 0.00	19.75 0.71 0.00
RAVENSWOOD_GT_9 24257	22.28 0.79 0.00	18.92 0.59 0.00	16.81 0.50 0.00	18.06 0.54 0.00	19.07 0.51 0.00	20.64 0.55 0.00	20.04 0.60 0.00	20.08 0.69 0.00	21.00 0.69 0.00	19.88 0.76 0.00	20.54 0.81 0.00	19.06 0.81 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.50 0.39 0.00	8.98 0.47 0.00	11.45 0.64 0.00	14.66 0.85 0.00	18.66 0.95 0.00	22.10 1.04 0.00	21.43 1.04 0.00	23.31 1.03 0.00	21.52 0.85 0.00	19.75 0.71 0.00
RAVENSWOOD___1 23533	22.29 0.81 0.00	18.95 0.61 0.00	16.82 0.51 0.00	18.08 0.56 0.00	19.09 0.53 0.00	20.64 0.55 0.00	20.06 0.63 0.00	20.10 0.70 0.00	21.02 0.72 0.00	19.90 0.79 0.00	20.56 0.83 0.00	19.08 0.84 0.00	15.12 0.75 0.00	15.22 0.76 0.00	8.52 0.41 0.00	9.00 0.49 0.00	11.48 0.66 0.00	14.68 0.88 0.00	18.67 0.96 0.00	22.10 1.03 0.00	21.45 1.06 0.00	23.32 1.04 0.00	21.53 0.85 0.00	19.77 0.72 0.00

RAVENSWOOD___2 23534	22.29 0.81 0.00	18.95 0.61 0.00	16.82 0.51 0.00	18.08 0.56 0.00	19.09 0.53 0.00	20.64 0.55 0.00	20.06 0.63 0.00	20.10 0.70 0.00	21.02 0.72 0.00	19.90 0.79 0.00	20.56 0.83 0.00	19.08 0.84 0.00	15.12 0.75 0.00	15.22 0.76 0.00	8.52 0.41 0.00	9.00 0.49 0.00	11.48 0.66 0.00	14.68 0.88 0.00	18.67 0.96 0.00	22.10 1.03 0.00	21.45 1.06 0.00	23.32 1.04 0.00	21.53 0.85 0.00	19.77 0.72 0.00
RAVENSWOOD___3 23535	22.28 0.79 0.00	18.92 0.59 0.00	16.81 0.50 0.00	18.07 0.55 0.00	19.08 0.52 0.00	20.64 0.56 0.00	20.04 0.60 0.00	20.08 0.69 0.00	21.00 0.70 0.00	19.88 0.77 0.00	20.54 0.81 0.00	19.06 0.82 0.00	15.09 0.72 0.00	15.18 0.72 0.00	8.50 0.40 0.00	8.98 0.47 0.00	11.45 0.63 0.00	14.66 0.86 0.00	18.66 0.96 0.00	22.10 1.03 0.00	21.43 1.04 0.00	23.31 1.03 0.00	21.52 0.85 0.00	19.75 0.71 0.00
RAVENSWOOD___4 23820	22.29 0.81 0.00	18.95 0.61 0.00	16.82 0.51 0.00	18.08 0.56 0.00	19.09 0.53 0.00	20.64 0.55 0.00	20.06 0.63 0.00	20.10 0.70 0.00	21.02 0.72 0.00	19.90 0.79 0.00	20.56 0.83 0.00	19.08 0.84 0.00	15.12 0.75 0.00	15.22 0.76 0.00	8.52 0.41 0.00	9.00 0.49 0.00	11.48 0.66 0.00	14.68 0.88 0.00	18.67 0.96 0.00	22.10 1.03 0.00	21.45 1.06 0.00	23.32 1.04 0.00	21.53 0.85 0.00	19.77 0.72 0.00
RCPI_TRUST___DRP 24196	22.30 0.81 0.00	18.94 0.60 0.00	16.82 0.51 0.00	18.08 0.56 0.00	19.09 0.53 0.00	20.66 0.58 0.00	20.06 0.62 0.00	20.11 0.72 0.00	21.03 0.73 0.00	19.91 0.80 0.00	20.57 0.84 0.00	19.09 0.85 0.00	15.11 0.74 0.00	15.20 0.74 0.00	8.51 0.40 0.00	8.99 0.48 0.00	11.47 0.65 0.00	14.68 0.88 0.00	18.69 0.98 0.00	22.13 1.06 0.00	21.47 1.08 0.00	23.34 1.06 0.00	21.54 0.87 0.00	19.77 0.73 0.00
RED___ROCHESTER 323720	21.57 0.09 0.00	18.43 0.09 0.00	16.36 0.05 0.00	17.60 0.08 0.00	18.73 0.18 0.00	20.35 0.26 0.00	19.61 0.17 0.00	19.44 0.04 0.00	20.43 0.12 0.00	19.22 0.10 0.00	19.86 0.13 0.00	18.23 -0.02 0.00	14.35 -0.02 0.00	14.42 -0.05 0.00	8.09 -0.01 0.00	8.44 -0.07 0.00	10.63 -0.18 0.00	13.60 -0.20 0.00	17.55 -0.15 0.00	20.84 -0.22 0.00	20.25 -0.15 0.00	21.88 -0.39 0.00	20.28 -0.39 0.00	18.82 -0.22 0.00
REGAN___SOLAR 323812	23.53 2.04 0.00	20.04 1.71 0.00	17.78 1.48 0.00	19.11 1.59 0.00	20.23 1.68 0.00	21.99 1.91 0.00	21.32 1.89 0.00	21.31 1.92 0.00	22.33 2.02 0.00	20.91 1.80 0.00	21.46 1.73 0.00	19.78 1.54 0.00	15.53 1.16 0.00	15.56 1.09 0.00	8.62 0.52 0.00	9.00 0.49 0.00	11.38 0.56 0.00	14.65 0.84 0.00	19.22 1.52 0.00	23.29 2.23 0.00	22.64 2.25 0.00	24.63 2.36 0.00	22.75 2.08 0.00	20.88 1.84 0.00
RENSSELAER___COGEN 23796	21.96 0.48 0.00	18.72 0.38 0.00	16.65 0.35 0.00	17.89 0.37 0.00	18.91 0.36 0.00	20.42 0.34 0.00	19.79 0.35 0.00	19.75 0.36 0.00	20.67 0.37 0.00	19.51 0.40 0.00	20.20 0.46 0.00	18.65 0.41 0.00	14.70 0.32 0.00	14.78 0.31 0.00	8.27 0.16 0.00	8.69 0.18 0.00	11.08 0.26 0.00	14.15 0.35 0.00	18.02 0.32 0.00	21.27 0.21 0.00	20.61 0.22 0.00	22.55 0.28 0.00	20.92 0.25 0.00	19.29 0.25 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.25 1.76 0.00	19.73 1.39 0.00	17.50 1.20 0.00	18.78 1.26 0.00	19.86 1.30 0.00	21.40 1.32 0.00	20.70 1.26 0.00	20.84 1.44 0.00	21.76 1.45 0.00	20.41 1.30 0.00	20.96 1.23 0.00	19.35 1.11 0.00	15.20 0.83 0.00	15.20 0.74 0.00	8.43 0.33 0.00	8.88 0.37 0.00	11.36 0.55 0.00	14.81 1.00 0.00	19.06 1.35 0.00	23.01 1.94 0.00	22.09 1.69 0.00	23.91 1.64 0.00	22.07 1.39 0.00	20.24 1.20 0.00
REVERE_CPPR_DRP 24186	22.09 0.60 0.00	18.78 0.45 0.00	16.71 0.40 0.00	17.96 0.45 0.00	19.07 0.51 0.00	20.68 0.59 0.00	20.02 0.59 0.00	19.99 0.60 0.00	20.97 0.66 0.00	19.72 0.61 0.00	20.34 0.61 0.00	18.77 0.52 0.00	14.71 0.34 0.00	14.69 0.23 0.00	8.18 0.07 0.00	8.56 0.05 0.00	10.89 0.07 0.00	13.96 0.16 0.00	18.13 0.42 0.00	21.80 0.73 0.00	21.13 0.73 0.00	22.97 0.70 0.00	21.29 0.62 0.00	19.58 0.54 0.00
REYNOLDS_115KV_TB3 80639	21.93 0.44 0.00	18.69 0.35 0.00	16.63 0.32 0.00	17.85 0.34 0.00	18.87 0.32 0.00	20.38 0.29 0.00	19.74 0.30 0.00	19.70 0.31 0.00	20.61 0.31 0.00	19.46 0.35 0.00	20.14 0.41 0.00	18.60 0.36 0.00	14.66 0.29 0.00	14.75 0.28 0.00	8.25 0.14 0.00	8.68 0.17 0.00	11.06 0.25 0.00	14.15 0.34 0.00	18.04 0.34 0.00	21.33 0.27 0.00	20.66 0.27 0.00	22.56 0.29 0.00	20.95 0.28 0.00	19.32 0.28 0.00
RIVERBAY____ 323610	22.32 0.84 0.00	19.00 0.67 0.00	16.85 0.55 0.00	18.11 0.59 0.00	19.13 0.57 0.00	20.69 0.60 0.00	20.14 0.71 0.00	20.15 0.76 0.00	21.07 0.76 0.00	19.94 0.83 0.00	20.59 0.86 0.00	19.11 0.87 0.00	15.13 0.76 0.00	15.22 0.76 0.00	8.51 0.41 0.00	8.99 0.48 0.00	11.47 0.66 0.00	14.68 0.88 0.00	18.68 0.97 0.00	22.15 1.09 0.00	21.52 1.13 0.00	23.37 1.10 0.00	21.60 0.92 0.00	19.85 0.81 0.00
RIVERSDE_115KV_TB3 55908	21.97 0.48 0.00	18.73 0.39 0.00	16.66 0.35 0.00	17.89 0.37 0.00	18.91 0.36 0.00	20.43 0.34 0.00	19.79 0.35 0.00	19.76 0.36 0.00	20.67 0.37 0.00	19.52 0.40 0.00	20.20 0.47 0.00	18.65 0.41 0.00	14.70 0.33 0.00	14.78 0.32 0.00	8.27 0.16 0.00	8.70 0.19 0.00	11.09 0.27 0.00	14.17 0.37 0.00	18.05 0.34 0.00	21.32 0.25 0.00	20.65 0.26 0.00	22.58 0.31 0.00	20.96 0.28 0.00	19.32 0.28 0.00
ROARING___BROOK_WT_PWR 323790	21.35 -0.13 0.00	18.20 -0.14 0.00	16.23 -0.08 0.00	17.46 -0.05 0.00	18.55 -0.01 0.00	20.10 0.01 0.00	19.42 -0.02 0.00	19.36 -0.04 0.00	20.26 -0.05 0.00	18.99 -0.12 0.00	19.59 -0.14 0.00	18.08 -0.16 0.00	14.20 -0.17 0.00	14.31 -0.15 0.00	8.00 -0.10 0.00	8.37 -0.14 0.00	10.63 -0.19 0.00	13.57 -0.24 0.00	17.47 -0.24 0.00	20.90 -0.16 0.00	20.15 -0.25 0.00	22.08 -0.20 0.00	20.56 -0.11 0.00	18.99 -0.05 0.00
ROCHESRG_115KV_T4 355643	21.38 -0.10 0.00	18.28 -0.05 0.00	16.23 -0.08 0.00	17.46 -0.06 0.00	18.59 0.03 0.00	20.19 0.10 0.00	19.46 0.02 0.00	19.27 -0.12 0.00	20.26 -0.04 0.00	19.05 -0.06 0.00	19.69 -0.05 0.00	18.08 -0.16 0.00	14.24 -0.13 0.00	14.31 -0.15 0.00	8.03 -0.07 0.00	8.38 -0.13 0.00	10.55 -0.26 0.00	13.50 -0.30 0.00	17.41 -0.29 0.00	20.65 -0.41 0.00	20.04 -0.35 0.00	21.66 -0.61 0.00	20.10 -0.58 0.00	18.65 -0.39 0.00
ROCHESTER_9_IC 23652	21.49 0.00 0.00	18.37 0.03 0.00	16.31 0.00 0.00	17.54 0.02 0.00	18.67 0.12 0.00	20.28 0.20 0.00	19.55 0.12 0.00	19.37 -0.03 0.00	20.37 0.05 0.00	19.15 0.03 0.00	19.79 0.06 0.00	18.17 -0.08 0.00	14.30 -0.07 0.00	14.37 -0.09 0.00	8.07 -0.04 0.00	8.42 -0.10 0.00	10.60 -0.22 0.00	13.56 -0.25 0.00	17.50 -0.21 0.00	20.76 -0.30 0.00	20.16 -0.23 0.00	21.78 -0.49 0.00	20.20 -0.47 0.00	18.75 -0.30 0.00

ROCKVIEW_13_KV_LD 356306	22.28 0.79 0.00	18.92 0.58 0.00	16.80 0.49 0.00	18.05 0.54 0.00	19.07 0.51 0.00	20.63 0.55 0.00	20.03 0.60 0.00	20.06 0.67 0.00	20.97 0.67 0.00	19.84 0.73 0.00	20.51 0.78 0.00	19.00 0.76 0.00	15.04 0.67 0.00	15.13 0.67 0.00	8.47 0.37 0.00	8.95 0.44 0.00	11.42 0.60 0.00	14.62 0.82 0.00	18.63 0.92 0.00	22.10 1.03 0.00	21.43 1.04 0.00	23.31 1.04 0.00	21.53 0.85 0.00	19.75 0.71 0.00
ROME____115KV_TB2 80656	22.09 0.60 0.00	18.78 0.45 0.00	16.71 0.40 0.00	17.96 0.45 0.00	19.07 0.51 0.00	20.68 0.59 0.00	20.02 0.59 0.00	19.99 0.60 0.00	20.97 0.66 0.00	19.72 0.61 0.00	20.34 0.61 0.00	18.77 0.52 0.00	14.71 0.34 0.00	14.69 0.23 0.00	8.18 0.07 0.00	8.56 0.05 0.00	10.89 0.07 0.00	13.96 0.16 0.00	18.13 0.42 0.00	21.80 0.73 0.00	21.13 0.73 0.00	22.97 0.70 0.00	21.29 0.62 0.00	19.58 0.54 0.00
ROSETON___1 23587	22.02 0.53 0.00	18.72 0.38 0.00	16.63 0.33 0.00	17.88 0.36 0.00	18.89 0.33 0.00	20.42 0.34 0.00	19.81 0.38 0.00	19.83 0.43 0.00	20.74 0.43 0.00	19.61 0.49 0.00	20.26 0.53 0.00	18.76 0.52 0.00	14.83 0.46 0.00	14.93 0.46 0.00	8.36 0.26 0.00	8.82 0.31 0.00	11.25 0.43 0.00	14.38 0.58 0.00	18.34 0.63 0.00	21.77 0.71 0.00	21.12 0.72 0.00	22.99 0.72 0.00	21.25 0.58 0.00	19.52 0.48 0.00
ROSETON___2 23588	22.02 0.53 0.00	18.72 0.38 0.00	16.63 0.33 0.00	17.88 0.36 0.00	18.89 0.33 0.00	20.42 0.34 0.00	19.81 0.38 0.00	19.83 0.43 0.00	20.74 0.43 0.00	19.61 0.49 0.00	20.26 0.53 0.00	18.76 0.52 0.00	14.83 0.46 0.00	14.93 0.46 0.00	8.36 0.26 0.00	8.82 0.31 0.00	11.25 0.43 0.00	14.38 0.58 0.00	18.34 0.63 0.00	21.77 0.71 0.00	21.12 0.72 0.00	22.99 0.72 0.00	21.25 0.58 0.00	19.52 0.48 0.00
ROTTDRAM_115KV_TB3 80664	21.91 0.43 0.00	18.67 0.33 0.00	16.61 0.30 0.00	17.84 0.32 0.00	18.87 0.31 0.00	20.39 0.30 0.00	19.76 0.32 0.00	19.74 0.35 0.00	20.66 0.35 0.00	19.47 0.36 0.00	20.12 0.39 0.00	18.60 0.35 0.00	14.65 0.28 0.00	14.73 0.27 0.00	8.24 0.14 0.00	8.67 0.16 0.00	11.04 0.22 0.00	14.10 0.30 0.00	18.09 0.39 0.00	21.54 0.47 0.00	20.86 0.46 0.00	22.73 0.45 0.00	21.07 0.39 0.00	19.39 0.35 0.00
RUSSELL___1 23602	21.57 0.09 0.00	18.43 0.09 0.00	16.36 0.05 0.00	17.60 0.08 0.00	18.73 0.18 0.00	20.35 0.26 0.00	19.61 0.18 0.00	19.44 0.04 0.00	20.43 0.12 0.00	19.22 0.10 0.00	19.86 0.13 0.00	18.23 -0.01 0.00	14.35 -0.02 0.00	14.42 -0.05 0.00	8.09 -0.01 0.00	8.44 -0.07 0.00	10.63 -0.18 0.00	13.60 -0.20 0.00	17.56 -0.14 0.00	20.84 -0.22 0.00	20.24 -0.15 0.00	21.88 -0.39 0.00	20.28 -0.39 0.00	18.82 -0.22 0.00
RUSSELL___2 23532	21.57 0.09 0.00	18.43 0.09 0.00	16.36 0.05 0.00	17.60 0.08 0.00	18.73 0.18 0.00	20.35 0.26 0.00	19.61 0.18 0.00	19.44 0.04 0.00	20.43 0.12 0.00	19.22 0.10 0.00	19.86 0.13 0.00	18.23 -0.01 0.00	14.35 -0.02 0.00	14.42 -0.05 0.00	8.09 -0.01 0.00	8.44 -0.07 0.00	10.63 -0.18 0.00	13.60 -0.20 0.00	17.56 -0.14 0.00	20.84 -0.22 0.00	20.24 -0.15 0.00	21.88 -0.39 0.00	20.28 -0.39 0.00	18.82 -0.22 0.00
RUSSELL___3 23549	21.57 0.09 0.00	18.43 0.09 0.00	16.36 0.05 0.00	17.60 0.08 0.00	18.73 0.18 0.00	20.35 0.26 0.00	19.61 0.18 0.00	19.44 0.04 0.00	20.43 0.12 0.00	19.22 0.10 0.00	19.86 0.13 0.00	18.23 -0.01 0.00	14.35 -0.02 0.00	14.42 -0.05 0.00	8.09 -0.01 0.00	8.44 -0.07 0.00	10.63 -0.18 0.00	13.60 -0.20 0.00	17.56 -0.14 0.00	20.84 -0.22 0.00	20.24 -0.15 0.00	21.88 -0.39 0.00	20.28 -0.39 0.00	18.82 -0.22 0.00
RUSSELL___4 23556	21.57 0.09 0.00	18.43 0.09 0.00	16.36 0.05 0.00	17.60 0.08 0.00	18.73 0.18 0.00	20.35 0.26 0.00	19.61 0.18 0.00	19.44 0.04 0.00	20.43 0.12 0.00	19.22 0.10 0.00	19.86 0.13 0.00	18.23 -0.01 0.00	14.35 -0.02 0.00	14.42 -0.05 0.00	8.09 -0.01 0.00	8.44 -0.07 0.00	10.63 -0.18 0.00	13.60 -0.20 0.00	17.56 -0.14 0.00	20.84 -0.22 0.00	20.24 -0.15 0.00	21.88 -0.39 0.00	20.28 -0.39 0.00	18.82 -0.22 0.00
RUSSELL___STATION 23914	21.57 0.09 0.00	18.43 0.09 0.00	16.36 0.05 0.00	17.60 0.08 0.00	18.73 0.18 0.00	20.35 0.26 0.00	19.61 0.18 0.00	19.44 0.04 0.00	20.43 0.12 0.00	19.22 0.10 0.00	19.86 0.13 0.00	18.23 -0.01 0.00	14.35 -0.02 0.00	14.42 -0.05 0.00	8.09 -0.01 0.00	8.44 -0.07 0.00	10.63 -0.18 0.00	13.60 -0.20 0.00	17.56 -0.14 0.00	20.84 -0.22 0.00	20.24 -0.15 0.00	21.88 -0.39 0.00	20.28 -0.39 0.00	18.82 -0.22 0.00
S SALMON___HYD 24043	21.05 -0.44 0.00	17.89 -0.44 0.00	15.94 -0.37 0.00	17.18 -0.33 0.00	18.26 -0.30 0.00	19.77 -0.32 0.00	19.10 -0.34 0.00	19.06 -0.34 0.00	19.98 -0.33 0.00	18.74 -0.38 0.00	19.25 -0.48 0.00	17.69 -0.55 0.00	13.89 -0.49 0.00	13.92 -0.55 0.00	7.76 -0.34 0.00	8.13 -0.38 0.00	10.33 -0.49 0.00	13.22 -0.58 0.00	17.14 -0.57 0.00	20.57 -0.49 0.00	19.97 -0.43 0.00	21.68 -0.60 0.00	20.17 -0.51 0.00	18.57 -0.47 0.00
S.PERRY__115KV_TB1 80734	22.32 0.83 0.00	18.97 0.63 0.00	16.77 0.46 0.00	18.04 0.52 0.00	19.15 0.59 0.00	20.77 0.69 0.00	20.07 0.64 0.00	20.09 0.69 0.00	21.17 0.86 0.00	19.92 0.81 0.00	20.51 0.78 0.00	18.82 0.58 0.00	14.72 0.35 0.00	14.69 0.23 0.00	8.22 0.11 0.00	8.57 0.06 0.00	10.84 0.02 0.00	13.92 0.12 0.00	18.17 0.47 0.00	21.81 0.75 0.00	21.29 0.90 0.00	23.10 0.83 0.00	21.34 0.67 0.00	19.64 0.60 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.56 0.07 0.00	18.46 0.12 0.00	16.37 0.06 0.00	17.61 0.10 0.00	18.81 0.26 0.00	20.47 0.39 0.00	19.65 0.22 0.00	19.36 -0.03 0.00	20.41 0.10 0.00	19.17 0.05 0.00	19.81 0.08 0.00	18.17 -0.08 0.00	14.35 -0.02 0.00	14.43 -0.03 0.00	8.13 0.02 0.00	8.45 -0.06 0.00	10.58 -0.24 0.00	13.53 -0.28 0.00	17.45 -0.25 0.00	20.61 -0.46 0.00	20.01 -0.38 0.00	21.54 -0.73 0.00	20.01 -0.66 0.00	18.69 -0.35 0.00
SAWYER___23_KV_LOAD 55526	21.56 0.07 0.00	18.46 0.12 0.00	16.37 0.06 0.00	17.61 0.10 0.00	18.81 0.26 0.00	20.47 0.39 0.00	19.65 0.22 0.00	19.36 -0.03 0.00	20.41 0.10 0.00	19.17 0.05 0.00	19.81 0.08 0.00	18.17 -0.08 0.00	14.35 -0.02 0.00	14.43 -0.03 0.00	8.13 0.02 0.00	8.45 -0.06 0.00	10.58 -0.24 0.00	13.53 -0.28 0.00	17.45 -0.25 0.00	20.61 -0.46 0.00	20.01 -0.38 0.00	21.54 -0.73 0.00	20.01 -0.66 0.00	18.69 -0.35 0.00
SELKIRK___I 23801	22.02 0.53 0.00	18.77 0.43 0.00	16.70 0.40 0.00	17.95 0.43 0.00	18.97 0.42 0.00	20.48 0.40 0.00	19.84 0.40 0.00	19.80 0.41 0.00	20.74 0.43 0.00	19.57 0.46 0.00	20.24 0.51 0.00	18.69 0.45 0.00	14.72 0.35 0.00	14.80 0.34 0.00	8.29 0.18 0.00	8.71 0.20 0.00	11.10 0.28 0.00	14.16 0.36 0.00	18.08 0.38 0.00	21.41 0.34 0.00	20.73 0.34 0.00	22.65 0.38 0.00	21.01 0.34 0.00	19.38 0.33 0.00

SELKIRK___II 23799	21.91 0.42 0.00	18.67 0.34 0.00	16.61 0.31 0.00	17.85 0.33 0.00	18.87 0.32 0.00	20.38 0.30 0.00	19.75 0.31 0.00	19.72 0.33 0.00	20.64 0.33 0.00	19.47 0.36 0.00	20.14 0.41 0.00	18.61 0.37 0.00	14.67 0.30 0.00	14.76 0.29 0.00	8.26 0.16 0.00	8.69 0.18 0.00	11.08 0.26 0.00	14.13 0.33 0.00	18.03 0.32 0.00	21.33 0.27 0.00	20.67 0.27 0.00	22.58 0.31 0.00	20.94 0.27 0.00	19.30 0.26 0.00
SENECA OSWGO___HYD 24041	21.10 -0.39 0.00	17.99 -0.34 0.00	15.99 -0.32 0.00	17.18 -0.33 0.00	18.21 -0.34 0.00	19.73 -0.35 0.00	19.10 -0.34 0.00	19.06 -0.34 0.00	19.99 -0.32 0.00	18.83 -0.29 0.00	19.45 -0.29 0.00	17.94 -0.31 0.00	14.12 -0.25 0.00	14.16 -0.30 0.00	7.93 -0.18 0.00	8.31 -0.20 0.00	10.53 -0.29 0.00	13.45 -0.36 0.00	17.31 -0.39 0.00	20.62 -0.44 0.00	20.00 -0.39 0.00	21.74 -0.53 0.00	20.16 -0.51 0.00	18.57 -0.47 0.00
SENECA___115KV_TB3 355854	21.82 0.33 0.00	18.66 0.32 0.00	16.54 0.23 0.00	17.79 0.28 0.00	19.01 0.45 0.00	20.69 0.61 0.00	19.89 0.45 0.00	19.63 0.24 0.00	20.69 0.38 0.00	19.45 0.33 0.00	20.10 0.36 0.00	18.43 0.19 0.00	14.55 0.18 0.00	14.62 0.16 0.00	8.23 0.12 0.00	8.56 0.05 0.00	10.72 -0.09 0.00	13.72 -0.09 0.00	17.71 0.01 0.00	20.92 -0.14 0.00	20.33 -0.07 0.00	21.89 -0.38 0.00	20.33 -0.34 0.00	18.95 -0.10 0.00
SENECA___ENERGY 23797	21.42 -0.07 0.00	18.22 -0.12 0.00	16.16 -0.15 0.00	17.38 -0.14 0.00	18.42 -0.14 0.00	19.98 -0.11 0.00	19.36 -0.07 0.00	19.34 -0.05 0.00	20.33 0.02 0.00	19.14 0.03 0.00	19.75 0.02 0.00	18.20 -0.05 0.00	14.32 -0.05 0.00	14.33 -0.13 0.00	8.02 -0.08 0.00	8.39 -0.12 0.00	10.65 -0.17 0.00	13.60 -0.21 0.00	17.59 -0.12 0.00	20.96 -0.10 0.00	20.35 -0.04 0.00	22.10 -0.18 0.00	20.46 -0.21 0.00	18.82 -0.22 0.00
SHOEMAKER___GT 23640	22.00 0.51 0.00	18.68 0.35 0.00	16.60 0.30 0.00	17.85 0.33 0.00	18.87 0.31 0.00	20.43 0.34 0.00	19.81 0.38 0.00	19.82 0.43 0.00	20.72 0.41 0.00	19.55 0.44 0.00	20.19 0.46 0.00	18.67 0.43 0.00	14.74 0.37 0.00	14.84 0.38 0.00	8.32 0.21 0.00	8.77 0.26 0.00	11.18 0.36 0.00	14.32 0.51 0.00	18.29 0.58 0.00	21.74 0.67 0.00	21.08 0.69 0.00	22.96 0.68 0.00	21.23 0.56 0.00	19.49 0.45 0.00
SHOEMAKR_138KV_BK 111 55601	21.99 0.50 0.00	18.68 0.34 0.00	16.59 0.29 0.00	17.84 0.33 0.00	18.86 0.30 0.00	20.42 0.33 0.00	19.81 0.38 0.00	19.82 0.43 0.00	20.72 0.41 0.00	19.56 0.44 0.00	20.20 0.46 0.00	18.69 0.44 0.00	14.76 0.39 0.00	14.86 0.40 0.00	8.33 0.22 0.00	8.78 0.26 0.00	11.19 0.37 0.00	14.33 0.52 0.00	18.29 0.58 0.00	21.74 0.67 0.00	21.08 0.69 0.00	22.96 0.68 0.00	21.23 0.56 0.00	19.49 0.45 0.00
SHOREHAM_IC_1 23715	22.67 1.19 0.00	19.40 1.06 0.00	17.16 0.86 0.00	18.42 0.90 0.00	19.46 0.91 0.00	20.97 0.88 0.00	20.38 0.95 0.00	20.35 0.95 0.00	21.07 0.77 0.00	19.93 0.81 0.00	20.63 0.90 0.00	19.05 0.81 0.00	14.97 0.60 0.00	15.00 0.54 0.00	8.40 0.29 0.00	8.88 0.37 0.00	11.42 0.60 0.00	14.80 0.99 0.00	18.76 1.06 0.00	22.35 1.29 0.00	21.66 1.26 0.00	23.62 1.34 0.00	21.95 1.28 0.00	20.04 1.00 0.00
SHOREHAM_IC_2 23716	22.67 1.19 0.00	19.40 1.06 0.00	17.16 0.86 0.00	18.42 0.90 0.00	19.46 0.91 0.00	20.97 0.88 0.00	20.38 0.95 0.00	20.35 0.95 0.00	21.07 0.77 0.00	19.93 0.81 0.00	20.63 0.90 0.00	19.05 0.81 0.00	14.97 0.60 0.00	15.00 0.54 0.00	8.40 0.29 0.00	8.88 0.37 0.00	11.42 0.60 0.00	14.80 0.99 0.00	18.76 1.06 0.00	22.35 1.29 0.00	21.66 1.26 0.00	23.62 1.34 0.00	21.95 1.28 0.00	20.04 1.00 0.00
SISSONVILLE____ 23735	20.92 -0.57 0.00	17.92 -0.41 0.00	15.95 -0.36 0.00	17.13 -0.39 0.00	18.21 -0.34 0.00	19.77 -0.32 0.00	19.06 -0.38 0.00	18.99 -0.41 0.00	19.84 -0.47 0.00	18.46 -0.65 0.00	18.94 -0.79 0.00	17.49 -0.75 0.00	13.72 -0.66 0.00	13.82 -0.64 0.00	7.74 -0.37 0.00	8.10 -0.41 0.00	10.28 -0.53 0.00	13.19 -0.61 0.00	17.04 -0.66 0.00	20.52 -0.54 0.00	19.81 -0.59 0.00	21.84 -0.43 0.00	20.34 -0.33 0.00	18.77 -0.28 0.00
SITHE_IND_GS1 24169	20.88 -0.60 0.00	17.82 -0.52 0.00	15.84 -0.46 0.00	17.02 -0.50 0.00	18.04 -0.52 0.00	19.53 -0.55 0.00	18.90 -0.53 0.00	18.85 -0.55 0.00	19.76 -0.55 0.00	18.61 -0.50 0.00	19.21 -0.53 0.00	17.73 -0.51 0.00	13.97 -0.40 0.00	14.04 -0.42 0.00	7.86 -0.24 0.00	8.25 -0.26 0.00	10.47 -0.35 0.00	13.35 -0.45 0.00	17.15 -0.55 0.00	20.39 -0.68 0.00	19.76 -0.63 0.00	21.50 -0.77 0.00	19.95 -0.72 0.00	18.40 -0.65 0.00
SITHE_IND_GS2 24170	20.88 -0.60 0.00	17.82 -0.52 0.00	15.84 -0.46 0.00	17.02 -0.50 0.00	18.04 -0.52 0.00	19.53 -0.55 0.00	18.90 -0.53 0.00	18.85 -0.55 0.00	19.76 -0.55 0.00	18.61 -0.50 0.00	19.21 -0.53 0.00	17.73 -0.51 0.00	13.97 -0.40 0.00	14.04 -0.42 0.00	7.86 -0.24 0.00	8.25 -0.26 0.00	10.47 -0.35 0.00	13.35 -0.45 0.00	17.15 -0.55 0.00	20.39 -0.68 0.00	19.76 -0.63 0.00	21.50 -0.77 0.00	19.95 -0.72 0.00	18.40 -0.65 0.00
SITHE_IND_GS3 24171	20.88 -0.60 0.00	17.82 -0.52 0.00	15.84 -0.46 0.00	17.02 -0.50 0.00	18.04 -0.52 0.00	19.53 -0.55 0.00	18.90 -0.53 0.00	18.85 -0.55 0.00	19.76 -0.55 0.00	18.61 -0.50 0.00	19.21 -0.53 0.00	17.73 -0.51 0.00	13.97 -0.40 0.00	14.04 -0.42 0.00	7.86 -0.24 0.00	8.25 -0.26 0.00	10.47 -0.35 0.00	13.35 -0.45 0.00	17.15 -0.55 0.00	20.39 -0.68 0.00	19.76 -0.63 0.00	21.50 -0.77 0.00	19.95 -0.72 0.00	18.40 -0.65 0.00
SITHE_IND_GS4 24172	20.88 -0.60 0.00	17.82 -0.52 0.00	15.84 -0.46 0.00	17.02 -0.50 0.00	18.04 -0.52 0.00	19.53 -0.55 0.00	18.90 -0.53 0.00	18.85 -0.55 0.00	19.76 -0.55 0.00	18.61 -0.50 0.00	19.21 -0.53 0.00	17.73 -0.51 0.00	13.97 -0.40 0.00	14.04 -0.42 0.00	7.86 -0.24 0.00	8.25 -0.26 0.00	10.47 -0.35 0.00	13.35 -0.45 0.00	17.15 -0.55 0.00	20.39 -0.68 0.00	19.76 -0.63 0.00	21.50 -0.77 0.00	19.95 -0.72 0.00	18.40 -0.65 0.00
SITHE___BATAVIA 24024	21.91 0.42 0.00	18.75 0.41 0.00	16.64 0.33 0.00	17.89 0.38 0.00	19.09 0.54 0.00	20.75 0.67 0.00	19.94 0.50 0.00	19.66 0.27 0.00	20.72 0.41 0.00	19.44 0.33 0.00	20.09 0.36 0.00	18.39 0.14 0.00	14.48 0.10 0.00	14.49 0.03 0.00	8.13 0.03 0.00	8.45 -0.06 0.00	10.59 -0.22 0.00	13.56 -0.25 0.00	17.63 -0.08 0.00	20.97 -0.10 0.00	20.40 0.00 0.00	21.95 -0.32 0.00	20.37 -0.31 0.00	19.02 -0.02 0.00
SITHE___INDEPEND 23800	20.88 -0.60 0.00	17.82 -0.52 0.00	15.84 -0.46 0.00	17.02 -0.49 0.00	18.04 -0.51 0.00	19.53 -0.55 0.00	18.90 -0.53 0.00	18.85 -0.55 0.00	19.76 -0.55 0.00	18.61 -0.51 0.00	19.21 -0.52 0.00	17.73 -0.51 0.00	13.97 -0.40 0.00	14.04 -0.42 0.00	7.86 -0.24 0.00	8.25 -0.26 0.00	10.47 -0.35 0.00	13.35 -0.45 0.00	17.15 -0.55 0.00	20.38 -0.68 0.00	19.76 -0.63 0.00	21.51 -0.77 0.00	19.95 -0.72 0.00	18.40 -0.65 0.00

SITHE___MASSENA 23902	21.47 -0.02 0.00	18.41 0.07 0.00	16.37 0.06 0.00	17.56 0.05 0.00	18.65 0.09 0.00	20.23 0.15 0.00	19.53 0.09 0.00	19.45 0.05 0.00	20.33 0.03 0.00	19.01 -0.11 0.00	19.58 -0.16 0.00	18.10 -0.14 0.00	14.23 -0.14 0.00	14.35 -0.11 0.00	8.05 -0.06 0.00	8.43 -0.07 0.00	10.70 -0.12 0.00	13.68 -0.12 0.00	17.60 -0.11 0.00	21.04 -0.02 0.00	20.30 -0.09 0.00	22.39 0.12 0.00	20.84 0.17 0.00	19.22 0.18 0.00
SITHE___OGDNSBRG 24021	21.57 0.08 0.00	18.50 0.16 0.00	16.44 0.13 0.00	17.64 0.12 0.00	18.75 0.19 0.00	20.36 0.28 0.00	19.65 0.22 0.00	19.58 0.18 0.00	20.43 0.13 0.00	18.94 -0.18 0.00	19.43 -0.30 0.00	17.94 -0.30 0.00	14.10 -0.28 0.00	14.21 -0.25 0.00	7.97 -0.14 0.00	8.35 -0.17 0.00	10.60 -0.22 0.00	13.58 -0.22 0.00	17.53 -0.17 0.00	21.18 0.11 0.00	20.45 0.06 0.00	22.56 0.29 0.00	21.00 0.33 0.00	19.35 0.31 0.00
SITHE___STERLING 23777	21.93 0.45 0.00	18.67 0.34 0.00	16.60 0.30 0.00	17.84 0.32 0.00	18.92 0.36 0.00	20.51 0.42 0.00	19.87 0.43 0.00	19.83 0.44 0.00	20.80 0.49 0.00	19.57 0.46 0.00	20.20 0.47 0.00	18.65 0.40 0.00	14.64 0.27 0.00	14.63 0.16 0.00	8.16 0.06 0.00	8.54 0.04 0.00	10.87 0.05 0.00	13.91 0.11 0.00	18.01 0.30 0.00	21.61 0.55 0.00	20.97 0.57 0.00	22.80 0.53 0.00	21.13 0.46 0.00	19.44 0.40 0.00
SLEIGHT__34_KV_TB1 80719	21.15 -0.34 0.00	18.06 -0.28 0.00	16.04 -0.27 0.00	17.23 -0.29 0.00	18.33 -0.23 0.00	19.89 -0.19 0.00	19.23 -0.21 0.00	19.23 -0.17 0.00	20.23 -0.08 0.00	19.03 -0.09 0.00	19.64 -0.09 0.00	18.08 -0.16 0.00	14.21 -0.16 0.00	14.26 -0.20 0.00	7.99 -0.11 0.00	8.35 -0.16 0.00	10.56 -0.26 0.00	13.51 -0.29 0.00	17.45 -0.25 0.00	20.74 -0.33 0.00	20.12 -0.27 0.00	21.79 -0.48 0.00	20.20 -0.47 0.00	18.67 -0.37 0.00
SOUTH CAIRO___GT 23612	22.78 1.29 0.00	19.38 1.04 0.00	17.25 0.94 0.00	18.53 1.01 0.00	19.59 1.03 0.00	21.18 1.10 0.00	20.54 1.11 0.00	20.53 1.13 0.00	21.47 1.16 0.00	20.28 1.16 0.00	20.98 1.25 0.00	19.25 1.01 0.00	15.03 0.65 0.00	15.05 0.59 0.00	8.38 0.28 0.00	8.79 0.28 0.00	11.22 0.40 0.00	14.40 0.59 0.00	18.54 0.83 0.00	22.10 1.04 0.00	21.44 1.04 0.00	23.42 1.15 0.00	21.70 1.02 0.00	19.98 0.94 0.00
SOUTH HAMPTN___IC 23720	22.83 1.34 0.00	19.63 1.29 0.00	17.38 1.07 0.00	18.65 1.13 0.00	19.71 1.15 0.00	21.25 1.17 0.00	20.67 1.24 0.00	20.64 1.24 0.00	21.36 1.05 0.00	20.17 1.06 0.00	20.89 1.15 0.00	19.26 1.02 0.00	15.12 0.75 0.00	15.08 0.61 0.00	8.41 0.30 0.00	8.89 0.38 0.00	11.43 0.61 0.00	14.84 1.03 0.00	18.82 1.12 0.00	22.45 1.39 0.00	21.77 1.37 0.00	23.87 1.59 0.00	22.20 1.53 0.00	20.31 1.26 0.00
SOUTHDOW__115KV_TB1 355954	22.58 1.09 0.00	19.15 0.81 0.00	16.89 0.59 0.00	18.20 0.68 0.00	19.43 0.87 0.00	21.25 1.16 0.00	20.55 1.11 0.00	20.44 1.04 0.00	21.58 1.27 0.00	20.38 1.27 0.00	21.08 1.35 0.00	19.35 1.11 0.00	15.27 0.89 0.00	15.32 0.85 0.00	8.60 0.50 0.00	8.95 0.44 0.00	11.25 0.43 0.00	14.36 0.56 0.00	18.58 0.87 0.00	22.00 0.93 0.00	21.36 0.97 0.00	23.04 0.77 0.00	21.34 0.67 0.00	19.71 0.67 0.00
SOUTHOLD_69_KV_BK 2 55809	22.95 1.46 0.00	19.76 1.42 0.00	17.49 1.18 0.00	18.75 1.24 0.00	19.84 1.28 0.00	21.38 1.29 0.00	20.82 1.38 0.00	20.76 1.36 0.00	21.50 1.19 0.00	20.31 1.19 0.00	21.01 1.28 0.00	19.36 1.12 0.00	15.19 0.81 0.00	15.08 0.61 0.00	8.40 0.30 0.00	8.88 0.37 0.00	11.41 0.60 0.00	14.78 0.98 0.00	18.85 1.15 0.00	22.50 1.44 0.00	21.84 1.44 0.00	24.00 1.73 0.00	22.34 1.67 0.00	20.43 1.40 0.00
SOUTHOLD___IC 23719	22.95 1.46 0.00	19.76 1.42 0.00	17.49 1.18 0.00	18.75 1.23 0.00	19.84 1.28 0.00	21.39 1.30 0.00	20.81 1.37 0.00	20.77 1.37 0.00	21.50 1.19 0.00	20.30 1.19 0.00	21.01 1.28 0.00	19.37 1.12 0.00	15.18 0.81 0.00	15.08 0.61 0.00	8.40 0.30 0.00	8.88 0.37 0.00	11.41 0.60 0.00	14.78 0.98 0.00	18.85 1.15 0.00	22.50 1.44 0.00	21.84 1.44 0.00	24.00 1.73 0.00	22.35 1.68 0.00	20.44 1.40 0.00
SOUTH_FORK_WT_PWR 323839	22.86 1.38 0.00	19.78 1.44 0.00	17.51 1.21 0.00	18.78 1.26 0.00	19.86 1.31 0.00	21.42 1.34 0.00	20.86 1.42 0.00	20.81 1.41 0.00	21.52 1.21 0.00	20.31 1.20 0.00	21.03 1.30 0.00	19.38 1.14 0.00	15.19 0.82 0.00	15.02 0.56 0.00	8.35 0.24 0.00	8.81 0.30 0.00	11.30 0.49 0.00	14.67 0.87 0.00	18.71 1.00 0.00	22.34 1.27 0.00	21.69 1.30 0.00	23.97 1.69 0.00	22.35 1.68 0.00	20.48 1.43 0.00
SPIERFLS_115KV_TB 1 80737	22.07 0.58 0.00	18.77 0.43 0.00	16.66 0.35 0.00	17.91 0.39 0.00	18.94 0.38 0.00	20.43 0.34 0.00	19.83 0.40 0.00	19.88 0.48 0.00	20.78 0.46 0.00	19.60 0.49 0.00	20.21 0.48 0.00	18.65 0.40 0.00	14.67 0.30 0.00	14.70 0.24 0.00	8.18 0.08 0.00	8.62 0.11 0.00	11.01 0.19 0.00	14.16 0.35 0.00	18.24 0.53 0.00	21.79 0.73 0.00	21.05 0.66 0.00	22.86 0.59 0.00	21.19 0.51 0.00	19.45 0.41 0.00
ST LAWRENCE____ 23600	21.32 -0.17 0.00	18.28 -0.05 0.00	16.25 -0.06 0.00	17.43 -0.09 0.00	18.51 -0.04 0.00	20.07 -0.01 0.00	19.38 -0.06 0.00	19.30 -0.10 0.00	20.19 -0.12 0.00	18.90 -0.22 0.00	19.47 -0.26 0.00	18.01 -0.23 0.00	14.17 -0.21 0.00	14.29 -0.17 0.00	8.01 -0.09 0.00	8.40 -0.11 0.00	10.66 -0.16 0.00	13.62 -0.19 0.00	17.50 -0.21 0.00	20.89 -0.18 0.00	20.15 -0.24 0.00	22.21 -0.06 0.00	20.69 0.01 0.00	19.07 0.03 0.00
STATE_CA_115KV_115_LB 55624	22.08 0.59 0.00	18.81 0.47 0.00	16.73 0.42 0.00	17.97 0.45 0.00	19.00 0.44 0.00	20.52 0.44 0.00	19.88 0.45 0.00	19.85 0.46 0.00	20.78 0.47 0.00	19.62 0.50 0.00	20.30 0.57 0.00	18.75 0.51 0.00	14.78 0.41 0.00	14.85 0.39 0.00	8.31 0.21 0.00	8.74 0.22 0.00	11.14 0.32 0.00	14.23 0.43 0.00	18.12 0.41 0.00	21.38 0.32 0.00	20.72 0.33 0.00	22.67 0.40 0.00	21.03 0.35 0.00	19.39 0.34 0.00
STATE_ST_34_KV_LOAD 55959	21.59 0.10 0.00	18.35 0.01 0.00	16.31 0.00 0.00	17.51 -0.01 0.00	18.59 0.04 0.00	20.12 0.03 0.00	19.48 0.05 0.00	19.46 0.07 0.00	20.43 0.12 0.00	19.22 0.11 0.00	19.82 0.09 0.00	18.28 0.03 0.00	14.39 0.02 0.00	14.42 -0.04 0.00	8.06 -0.04 0.00	8.46 -0.05 0.00	10.73 -0.09 0.00	13.72 -0.08 0.00	17.72 0.01 0.00	21.09 0.03 0.00	20.46 0.07 0.00	22.23 -0.04 0.00	20.60 -0.07 0.00	18.96 -0.08 0.00
STATION 5_MISC_HYD 23604	21.49 0.00 0.00	18.37 0.04 0.00	16.31 0.00 0.00	17.54 0.02 0.00	18.67 0.12 0.00	20.28 0.20 0.00	19.55 0.11 0.00	19.37 -0.03 0.00	20.37 0.05 0.00	19.15 0.03 0.00	19.79 0.06 0.00	18.17 -0.08 0.00	14.30 -0.07 0.00	14.37 -0.09 0.00	8.07 -0.04 0.00	8.42 -0.10 0.00	10.60 -0.22 0.00	13.56 -0.25 0.00	17.49 -0.22 0.00	20.76 -0.30 0.00	20.16 -0.23 0.00	21.78 -0.49 0.00	20.20 -0.47 0.00	18.74 -0.30 0.00

STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.58 0.09 0.00	18.40 0.06 0.00	16.33 0.02 0.00	17.56 0.04 0.00	18.67 0.12 0.00	20.27 0.18 0.00	19.59 0.16 0.00	19.48 0.08 0.00	20.48 0.17 0.00	19.27 0.16 0.00	19.88 0.15 0.00	18.29 0.05 0.00	14.38 0.01 0.00	14.42 -0.04 0.00	8.08 -0.02 0.00	8.44 -0.07 0.00	10.67 -0.15 0.00	13.65 -0.15 0.00	17.65 -0.05 0.00	20.98 -0.08 0.00	20.37 -0.02 0.00	22.06 -0.21 0.00	20.45 -0.23 0.00	18.88 -0.16 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.36 -0.12 0.00	18.25 -0.08 0.00	16.21 -0.10 0.00	17.43 -0.09 0.00	18.55 0.00 0.00	20.15 0.06 0.00	19.43 -0.01 0.00	19.26 -0.14 0.00	20.25 -0.06 0.00	19.04 -0.07 0.00	19.68 -0.06 0.00	18.07 -0.17 0.00	14.23 -0.14 0.00	14.29 -0.17 0.00	8.02 -0.09 0.00	8.37 -0.14 0.00	10.55 -0.27 0.00	13.49 -0.31 0.00	17.41 -0.29 0.00	20.66 -0.41 0.00	20.06 -0.33 0.00	21.68 -0.59 0.00	20.11 -0.56 0.00	18.64 -0.40 0.00
STA_56____34_KV_BUS2 355983	21.36 -0.12 0.00	18.25 -0.08 0.00	16.21 -0.10 0.00	17.43 -0.09 0.00	18.55 0.00 0.00	20.15 0.06 0.00	19.43 -0.01 0.00	19.26 -0.14 0.00	20.25 -0.06 0.00	19.04 -0.07 0.00	19.68 -0.06 0.00	18.07 -0.17 0.00	14.23 -0.14 0.00	14.29 -0.17 0.00	8.02 -0.09 0.00	8.37 -0.14 0.00	10.55 -0.27 0.00	13.49 -0.31 0.00	17.41 -0.29 0.00	20.66 -0.41 0.00	20.06 -0.33 0.00	21.68 -0.59 0.00	20.11 -0.56 0.00	18.64 -0.40 0.00
STA_67____115KV_BK2 355882	21.45 -0.03 0.00	18.34 0.00 0.00	16.28 -0.03 0.00	17.51 0.00 0.00	18.65 0.09 0.00	20.25 0.16 0.00	19.52 0.08 0.00	19.34 -0.06 0.00	20.33 0.02 0.00	19.12 0.00 0.00	19.75 0.02 0.00	18.13 -0.11 0.00	14.28 -0.09 0.00	14.35 -0.11 0.00	8.06 -0.05 0.00	8.40 -0.11 0.00	10.58 -0.24 0.00	13.53 -0.27 0.00	17.47 -0.24 0.00	20.72 -0.34 0.00	20.12 -0.28 0.00	21.74 -0.54 0.00	20.17 -0.50 0.00	18.71 -0.33 0.00
STA_7____115KV_9TRANS 80674	21.57 0.09 0.00	18.43 0.09 0.00	16.36 0.05 0.00	17.60 0.08 0.00	18.73 0.18 0.00	20.35 0.26 0.00	19.61 0.18 0.00	19.44 0.04 0.00	20.43 0.12 0.00	19.22 0.10 0.00	19.86 0.13 0.00	18.23 -0.01 0.00	14.35 -0.02 0.00	14.42 -0.05 0.00	8.09 -0.01 0.00	8.44 -0.07 0.00	10.63 -0.18 0.00	13.60 -0.20 0.00	17.56 -0.14 0.00	20.84 -0.22 0.00	20.24 -0.15 0.00	21.88 -0.39 0.00	20.28 -0.39 0.00	18.82 -0.22 0.00
STA_82____115KV_TB1 80780	21.47 -0.02 0.00	18.35 0.01 0.00	16.29 -0.02 0.00	17.52 0.01 0.00	18.66 0.10 0.00	20.27 0.18 0.00	19.53 0.10 0.00	19.35 -0.05 0.00	20.34 0.04 0.00	19.13 0.01 0.00	19.76 0.03 0.00	18.14 -0.10 0.00	14.28 -0.09 0.00	14.35 -0.11 0.00	8.06 -0.05 0.00	8.41 -0.11 0.00	10.58 -0.23 0.00	13.54 -0.26 0.00	17.47 -0.23 0.00	20.73 -0.33 0.00	20.13 -0.27 0.00	21.75 -0.52 0.00	20.17 -0.50 0.00	18.73 -0.31 0.00
STEEL____WIND 323596	21.80 0.32 0.00	18.64 0.30 0.00	16.53 0.22 0.00	17.77 0.26 0.00	18.99 0.44 0.00	20.68 0.59 0.00	19.87 0.43 0.00	19.63 0.23 0.00	20.67 0.37 0.00	19.43 0.32 0.00	20.08 0.34 0.00	18.42 0.17 0.00	14.54 0.17 0.00	14.61 0.14 0.00	8.22 0.12 0.00	8.55 0.04 0.00	10.71 -0.11 0.00	13.71 -0.10 0.00	17.69 -0.02 0.00	20.92 -0.15 0.00	20.31 -0.09 0.00	21.88 -0.39 0.00	20.30 -0.37 0.00	18.93 -0.11 0.00
STEPHTWN_115KV_BK_2 55603	22.17 0.68 0.00	18.84 0.51 0.00	16.77 0.46 0.00	18.00 0.49 0.00	19.09 0.54 0.00	20.58 0.50 0.00	19.96 0.52 0.00	19.96 0.57 0.00	20.88 0.57 0.00	19.71 0.59 0.00	20.38 0.65 0.00	18.82 0.58 0.00	14.81 0.44 0.00	14.89 0.43 0.00	8.32 0.21 0.00	8.75 0.24 0.00	11.16 0.34 0.00	14.30 0.50 0.00	18.25 0.54 0.00	21.58 0.52 0.00	20.87 0.48 0.00	22.84 0.57 0.00	21.14 0.46 0.00	19.45 0.40 0.00
STEUBEN_REC_LFGE 323667	22.08 0.59 0.00	18.68 0.35 0.00	16.46 0.15 0.00	17.68 0.16 0.00	18.74 0.18 0.00	20.21 0.13 0.00	19.53 0.09 0.00	19.74 0.34 0.00	20.85 0.54 0.00	19.74 0.63 0.00	20.41 0.67 0.00	18.84 0.60 0.00	14.83 0.46 0.00	14.78 0.32 0.00	8.24 0.14 0.00	8.56 0.05 0.00	10.88 0.06 0.00	14.03 0.22 0.00	18.31 0.60 0.00	21.84 0.77 0.00	21.23 0.84 0.00	23.12 0.85 0.00	21.37 0.70 0.00	19.56 0.52 0.00
STILLWATER____SOLAR 323814	22.12 0.64 0.00	18.83 0.49 0.00	16.74 0.43 0.00	17.98 0.46 0.00	19.02 0.46 0.00	20.54 0.45 0.00	19.91 0.48 0.00	19.92 0.53 0.00	20.85 0.54 0.00	19.63 0.51 0.00	20.27 0.54 0.00	18.72 0.48 0.00	14.72 0.35 0.00	14.77 0.31 0.00	8.24 0.14 0.00	8.68 0.17 0.00	11.07 0.25 0.00	14.22 0.42 0.00	18.28 0.57 0.00	21.78 0.71 0.00	21.07 0.67 0.00	22.93 0.65 0.00	21.25 0.58 0.00	19.54 0.50 0.00
STONY____BROOK 24151	22.57 1.08 0.00	19.26 0.92 0.00	17.04 0.74 0.00	18.29 0.78 0.00	19.33 0.77 0.00	20.84 0.75 0.00	20.23 0.80 0.00	20.19 0.80 0.00	20.95 0.64 0.00	19.83 0.71 0.00	20.57 0.83 0.00	19.00 0.75 0.00	14.94 0.58 0.00	15.00 0.54 0.00	8.40 0.30 0.00	8.89 0.38 0.00	11.43 0.61 0.00	14.75 0.94 0.00	18.72 1.01 0.00	22.28 1.21 0.00	21.58 1.19 0.00	23.56 1.29 0.00	21.82 1.14 0.00	19.94 0.90 0.00
STURGEON_POOL_HYD 23609	22.03 0.55 0.00	18.72 0.38 0.00	16.63 0.33 0.00	17.87 0.36 0.00	18.89 0.33 0.00	20.44 0.35 0.00	19.84 0.40 0.00	19.86 0.47 0.00	20.77 0.46 0.00	19.61 0.50 0.00	20.24 0.51 0.00	18.77 0.53 0.00	14.84 0.47 0.00	14.95 0.49 0.00	8.39 0.29 0.00	8.86 0.35 0.00	11.32 0.50 0.00	14.47 0.66 0.00	18.45 0.74 0.00	21.95 0.89 0.00	21.30 0.91 0.00	23.16 0.88 0.00	21.38 0.71 0.00	19.60 0.56 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.07 0.58 0.00	18.73 0.39 0.00	16.63 0.32 0.00	17.88 0.37 0.00	18.91 0.35 0.00	20.47 0.39 0.00	19.87 0.43 0.00	19.89 0.49 0.00	20.80 0.49 0.00	19.65 0.53 0.00	20.29 0.56 0.00	18.79 0.55 0.00	14.85 0.47 0.00	14.95 0.49 0.00	8.37 0.27 0.00	8.83 0.33 0.00	11.27 0.45 0.00	14.42 0.62 0.00	18.40 0.70 0.00	21.85 0.79 0.00	21.19 0.80 0.00	23.07 0.80 0.00	21.31 0.64 0.00	19.56 0.52 0.00
SWANROAD_115KV_TB1 355699	21.23 -0.26 0.00	18.22 -0.11 0.00	16.18 -0.13 0.00	17.38 -0.13 0.00	18.56 0.00 0.00	20.14 0.05 0.00	19.29 -0.14 0.00	18.94 -0.46 0.00	19.97 -0.34 0.00	18.73 -0.39 0.00	19.37 -0.36 0.00	17.76 -0.49 0.00	14.04 -0.33 0.00	14.12 -0.35 0.00	7.96 -0.14 0.00	8.27 -0.24 0.00	10.32 -0.50 0.00	13.19 -0.61 0.00	17.03 -0.68 0.00	20.10 -0.96 0.00	19.54 -0.86 0.00	20.99 -1.28 0.00	19.53 -1.14 0.00	18.38 -0.66 0.00
SYNERGY____BIOGAS 323694	21.91 0.42 0.00	18.75 0.41 0.00	16.64 0.33 0.00	17.89 0.38 0.00	19.09 0.54 0.00	20.75 0.67 0.00	19.94 0.50 0.00	19.66 0.27 0.00	20.72 0.41 0.00	19.44 0.33 0.00	20.09 0.36 0.00	18.39 0.14 0.00	14.48 0.10 0.00	14.49 0.03 0.00	8.13 0.03 0.00	8.45 -0.06 0.00	10.59 -0.22 0.00	13.56 -0.25 0.00	17.63 -0.08 0.00	20.97 -0.10 0.00	20.40 0.00 0.00	21.95 -0.32 0.00	20.37 -0.31 0.00	19.02 -0.02 0.00

SYRACUSE___ENERGY_ST1 323597	21.37 -0.12 0.00	18.21 -0.12 0.00	16.18 -0.13 0.00	17.39 -0.13 0.00	18.44 -0.12 0.00	19.97 -0.11 0.00	19.33 -0.10 0.00	19.30 -0.09 0.00	20.25 -0.06 0.00	19.07 -0.04 0.00	19.68 -0.05 0.00	18.17 -0.07 0.00	14.31 -0.06 0.00	14.35 -0.11 0.00	8.03 -0.07 0.00	8.42 -0.09 0.00	10.69 -0.12 0.00	13.66 -0.14 0.00	17.59 -0.11 0.00	20.93 -0.14 0.00	20.29 -0.10 0.00	22.07 -0.21 0.00	20.45 -0.23 0.00	18.83 -0.21 0.00
SYRACUSE___ENERGY_ST2 323598	21.37 -0.12 0.00	18.21 -0.12 0.00	16.18 -0.13 0.00	17.39 -0.13 0.00	18.44 -0.12 0.00	19.97 -0.11 0.00	19.33 -0.10 0.00	19.30 -0.09 0.00	20.25 -0.06 0.00	19.07 -0.04 0.00	19.68 -0.05 0.00	18.17 -0.07 0.00	14.31 -0.06 0.00	14.35 -0.11 0.00	8.03 -0.07 0.00	8.42 -0.09 0.00	10.69 -0.12 0.00	13.66 -0.14 0.00	17.59 -0.11 0.00	20.93 -0.14 0.00	20.29 -0.10 0.00	22.07 -0.21 0.00	20.45 -0.23 0.00	18.83 -0.21 0.00
SYRACUSE___POWER 24017	21.40 -0.09 0.00	18.24 -0.10 0.00	16.20 -0.11 0.00	17.41 -0.10 0.00	18.46 -0.10 0.00	20.00 -0.08 0.00	19.36 -0.07 0.00	19.33 -0.07 0.00	20.28 -0.03 0.00	19.10 -0.01 0.00	19.71 -0.03 0.00	18.20 -0.05 0.00	14.32 -0.05 0.00	14.36 -0.10 0.00	8.03 -0.07 0.00	8.43 -0.09 0.00	10.70 -0.12 0.00	13.67 -0.14 0.00	17.61 -0.10 0.00	20.97 -0.09 0.00	20.35 -0.05 0.00	22.11 -0.16 0.00	20.49 -0.18 0.00	18.87 -0.17 0.00
TALLMAN___138KV_BK151 55660	22.17 0.68 0.00	18.79 0.46 0.00	16.68 0.37 0.00	17.94 0.43 0.00	18.97 0.41 0.00	20.55 0.46 0.00	19.96 0.52 0.00	19.98 0.58 0.00	20.89 0.58 0.00	19.74 0.63 0.00	20.40 0.67 0.00	18.90 0.66 0.00	14.95 0.58 0.00	15.05 0.59 0.00	8.43 0.32 0.00	8.90 0.39 0.00	11.35 0.53 0.00	14.53 0.72 0.00	18.53 0.82 0.00	21.99 0.92 0.00	21.33 0.93 0.00	23.21 0.93 0.00	21.43 0.76 0.00	19.65 0.61 0.00
TEALLAVE_115KV_TB7 355573	21.25 -0.24 0.00	18.12 -0.22 0.00	16.10 -0.21 0.00	17.31 -0.21 0.00	18.34 -0.21 0.00	19.87 -0.21 0.00	19.23 -0.20 0.00	19.20 -0.20 0.00	20.13 -0.17 0.00	18.97 -0.15 0.00	19.58 -0.15 0.00	18.07 -0.17 0.00	14.23 -0.14 0.00	14.28 -0.18 0.00	7.99 -0.11 0.00	8.38 -0.13 0.00	10.64 -0.18 0.00	13.58 -0.22 0.00	17.49 -0.22 0.00	20.80 -0.26 0.00	20.18 -0.21 0.00	21.93 -0.35 0.00	20.32 -0.35 0.00	18.73 -0.32 0.00
TELGRAPH_34_KV_EAST 80808	21.65 0.16 0.00	18.54 0.20 0.00	16.46 0.15 0.00	17.69 0.18 0.00	18.89 0.33 0.00	20.52 0.43 0.00	19.69 0.25 0.00	19.39 -0.01 0.00	20.43 0.12 0.00	19.18 0.06 0.00	19.83 0.10 0.00	18.16 -0.09 0.00	14.32 -0.05 0.00	14.38 -0.09 0.00	8.08 -0.02 0.00	8.40 -0.11 0.00	10.51 -0.30 0.00	13.45 -0.35 0.00	17.43 -0.28 0.00	20.64 -0.43 0.00	20.07 -0.32 0.00	21.58 -0.69 0.00	20.05 -0.62 0.00	18.77 -0.27 0.00
TEMPLE___115KV_TB 2 55572	21.26 -0.22 0.00	18.13 -0.21 0.00	16.10 -0.20 0.00	17.31 -0.21 0.00	18.35 -0.21 0.00	19.88 -0.20 0.00	19.25 -0.19 0.00	19.20 -0.19 0.00	20.15 -0.16 0.00	18.98 -0.13 0.00	19.60 -0.14 0.00	18.09 -0.15 0.00	14.24 -0.13 0.00	14.29 -0.17 0.00	8.00 -0.10 0.00	8.39 -0.12 0.00	10.65 -0.17 0.00	13.60 -0.21 0.00	17.51 -0.20 0.00	20.82 -0.25 0.00	20.19 -0.21 0.00	21.94 -0.33 0.00	20.34 -0.33 0.00	18.74 -0.30 0.00
TIANA___69_KV_BK 1 55817	22.80 1.32 0.00	19.57 1.23 0.00	17.32 1.01 0.00	18.58 1.06 0.00	19.64 1.09 0.00	21.17 1.09 0.00	20.60 1.16 0.00	20.54 1.14 0.00	21.28 0.98 0.00	20.10 0.99 0.00	20.82 1.08 0.00	19.20 0.96 0.00	15.08 0.71 0.00	15.07 0.60 0.00	8.41 0.30 0.00	8.89 0.38 0.00	11.44 0.62 0.00	14.84 1.03 0.00	18.83 1.13 0.00	22.45 1.39 0.00	21.76 1.37 0.00	23.81 1.54 0.00	22.14 1.46 0.00	20.24 1.20 0.00
TILDEN___115KV_TB1 80814	21.40 -0.09 0.00	18.24 -0.10 0.00	16.20 -0.11 0.00	17.41 -0.10 0.00	18.46 -0.10 0.00	20.00 -0.08 0.00	19.36 -0.07 0.00	19.33 -0.07 0.00	20.28 -0.03 0.00	19.10 -0.01 0.00	19.71 -0.03 0.00	18.20 -0.05 0.00	14.32 -0.05 0.00	14.36 -0.10 0.00	8.03 -0.07 0.00	8.43 -0.09 0.00	10.70 -0.12 0.00	13.67 -0.14 0.00	17.61 -0.10 0.00	20.97 -0.09 0.00	20.35 -0.05 0.00	22.11 -0.16 0.00	20.49 -0.18 0.00	18.87 -0.17 0.00
TRIGEN___CC 323695	22.34 0.85 0.00	19.01 0.67 0.00	16.83 0.53 0.00	18.08 0.57 0.00	19.10 0.55 0.00	20.63 0.54 0.00	20.01 0.57 0.00	19.97 0.58 0.00	20.81 0.50 0.00	19.72 0.61 0.00	20.47 0.74 0.00	18.93 0.69 0.00	14.93 0.56 0.00	15.02 0.56 0.00	8.42 0.32 0.00	8.90 0.39 0.00	11.41 0.59 0.00	14.63 0.82 0.00	18.57 0.87 0.00	22.07 1.00 0.00	21.38 0.98 0.00	23.32 1.05 0.00	21.55 0.88 0.00	19.74 0.70 0.00
TRINITY___115KV___4 BK 55933	21.98 0.49 0.00	18.73 0.39 0.00	16.66 0.35 0.00	17.89 0.38 0.00	18.92 0.36 0.00	20.44 0.35 0.00	19.79 0.35 0.00	19.76 0.36 0.00	20.68 0.37 0.00	19.52 0.41 0.00	20.20 0.47 0.00	18.66 0.41 0.00	14.70 0.33 0.00	14.78 0.32 0.00	8.27 0.17 0.00	8.70 0.18 0.00	11.09 0.27 0.00	14.16 0.36 0.00	18.03 0.33 0.00	21.29 0.22 0.00	20.63 0.23 0.00	22.56 0.29 0.00	20.93 0.26 0.00	19.31 0.26 0.00
UNION___PROCESSING_DRP 323587	21.48 -0.01 0.00	18.36 0.02 0.00	16.30 -0.01 0.00	17.53 0.01 0.00	18.67 0.11 0.00	20.27 0.18 0.00	19.54 0.10 0.00	19.36 -0.03 0.00	20.35 0.04 0.00	19.13 0.02 0.00	19.77 0.04 0.00	18.15 -0.09 0.00	14.29 -0.08 0.00	14.36 -0.11 0.00	8.06 -0.05 0.00	8.41 -0.10 0.00	10.59 -0.23 0.00	13.54 -0.26 0.00	17.48 -0.23 0.00	20.74 -0.32 0.00	20.14 -0.25 0.00	21.76 -0.52 0.00	20.18 -0.49 0.00	18.73 -0.31 0.00
UPPER HUDSON___HYD 24058	22.07 0.58 0.00	18.77 0.43 0.00	16.66 0.35 0.00	17.91 0.39 0.00	18.94 0.38 0.00	20.43 0.34 0.00	19.83 0.40 0.00	19.88 0.48 0.00	20.77 0.46 0.00	19.60 0.49 0.00	20.21 0.48 0.00	18.65 0.40 0.00	14.67 0.29 0.00	14.70 0.24 0.00	8.18 0.08 0.00	8.62 0.11 0.00	11.01 0.19 0.00	14.16 0.35 0.00	18.24 0.54 0.00	21.79 0.72 0.00	21.05 0.66 0.00	22.87 0.59 0.00	21.19 0.51 0.00	19.45 0.41 0.00
UPPER RAQUET___HYD 24056	20.92 -0.57 0.00	17.92 -0.41 0.00	15.95 -0.36 0.00	17.13 -0.39 0.00	18.21 -0.34 0.00	19.77 -0.32 0.00	19.06 -0.38 0.00	18.99 -0.41 0.00	19.84 -0.47 0.00	18.46 -0.65 0.00	18.94 -0.79 0.00	17.49 -0.75 0.00	13.72 -0.65 0.00	13.82 -0.64 0.00	7.74 -0.37 0.00	8.10 -0.41 0.00	10.28 -0.53 0.00	13.19 -0.61 0.00	17.04 -0.66 0.00	20.52 -0.54 0.00	19.81 -0.59 0.00	21.84 -0.43 0.00	20.34 -0.33 0.00	18.77 -0.28 0.00
VALLEY44_115KV_TB2 355964	22.11 0.62 0.00	18.74 0.40 0.00	16.59 0.28 0.00	17.95 0.43 0.00	19.15 0.60 0.00	20.86 0.77 0.00	20.14 0.71 0.00	20.08 0.69 0.00	21.12 0.81 0.00	20.02 0.90 0.00	20.72 0.99 0.00	19.01 0.77 0.00	14.98 0.61 0.00	15.06 0.59 0.00	8.44 0.34 0.00	8.79 0.28 0.00	11.05 0.23 0.00	14.10 0.29 0.00	18.20 0.50 0.00	21.55 0.49 0.00	20.88 0.48 0.00	22.53 0.26 0.00	20.87 0.20 0.00	19.24 0.20 0.00

VALLEY___115KV_TB 1-4 80826	21.39 -0.10 0.00	18.16 -0.18 0.00	16.13 -0.18 0.00	17.30 -0.22 0.00	18.27 -0.28 0.00	19.80 -0.28 0.00	19.21 -0.23 0.00	19.18 -0.22 0.00	20.05 -0.26 0.00	18.95 -0.17 0.00	19.47 -0.26 0.00	18.01 -0.23 0.00	14.18 -0.19 0.00	14.28 -0.18 0.00	7.99 -0.11 0.00	8.39 -0.12 0.00	10.70 -0.12 0.00	13.65 -0.16 0.00	17.53 -0.18 0.00	20.91 -0.16 0.00	20.40 0.00 0.00	22.24 -0.03 0.00	20.62 -0.06 0.00	18.93 -0.11 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.15 0.66 0.00	18.82 0.49 0.00	16.77 0.46 0.00	18.02 0.50 0.00	19.07 0.51 0.00	20.66 0.58 0.00	20.01 0.57 0.00	20.00 0.60 0.00	20.95 0.64 0.00	19.76 0.64 0.00	20.40 0.67 0.00	18.89 0.65 0.00	14.89 0.51 0.00	14.97 0.50 0.00	8.40 0.30 0.00	8.82 0.31 0.00	11.23 0.42 0.00	14.29 0.49 0.00	18.37 0.66 0.00	21.85 0.79 0.00	21.18 0.79 0.00	23.06 0.79 0.00	21.34 0.67 0.00	19.62 0.58 0.00
VISCHER___FERRY HYD 24020	21.91 0.43 0.00	18.67 0.33 0.00	16.60 0.30 0.00	17.83 0.31 0.00	18.85 0.29 0.00	20.35 0.27 0.00	19.72 0.28 0.00	19.71 0.31 0.00	20.62 0.31 0.00	19.44 0.33 0.00	20.10 0.37 0.00	18.56 0.31 0.00	14.62 0.25 0.00	14.69 0.23 0.00	8.21 0.11 0.00	8.64 0.13 0.00	11.02 0.20 0.00	14.12 0.32 0.00	18.08 0.38 0.00	21.48 0.42 0.00	20.79 0.40 0.00	22.66 0.38 0.00	21.03 0.36 0.00	19.37 0.33 0.00
V_A_10_SYNC_DSASP 323832	21.27 -0.22 0.00	18.21 -0.13 0.00	16.16 -0.15 0.00	17.39 -0.12 0.00	18.55 0.00 0.00	20.16 0.08 0.00	19.37 -0.06 0.00	19.14 -0.26 0.00	20.15 -0.16 0.00	18.94 -0.18 0.00	19.57 -0.16 0.00	17.96 -0.28 0.00	14.18 -0.19 0.00	14.26 -0.20 0.00	8.02 -0.08 0.00	8.35 -0.16 0.00	10.48 -0.34 0.00	13.40 -0.41 0.00	17.25 -0.46 0.00	20.41 -0.66 0.00	19.79 -0.60 0.00	21.34 -0.93 0.00	19.82 -0.85 0.00	18.47 -0.57 0.00
V_CMM_10_SYNC_DSASP 323787	21.42 -0.07 0.00	18.37 0.03 0.00	16.33 0.02 0.00	17.51 0.00 0.00	18.60 0.05 0.00	20.17 0.08 0.00	19.47 0.03 0.00	19.39 0.00 0.00	20.28 -0.02 0.00	18.98 -0.13 0.00	19.57 -0.16 0.00	18.10 -0.15 0.00	14.23 -0.14 0.00	14.36 -0.11 0.00	8.05 -0.06 0.00	8.44 -0.07 0.00	10.71 -0.11 0.00	13.68 -0.12 0.00	17.58 -0.12 0.00	20.99 -0.08 0.00	20.25 -0.14 0.00	22.32 0.05 0.00	20.78 0.11 0.00	19.16 0.12 0.00
V_CMP_10_SYNC_DSASP 323788	21.87 0.38 0.00	18.78 0.45 0.00	16.64 0.33 0.00	17.89 0.37 0.00	19.01 0.45 0.00	20.50 0.42 0.00	19.71 0.27 0.00	19.64 0.25 0.00	20.46 0.16 0.00	18.94 -0.18 0.00	19.12 -0.61 0.00	17.76 -0.49 0.00	13.89 -0.48 0.00	14.00 -0.46 0.00	7.83 -0.28 0.00	8.24 -0.27 0.00	10.43 -0.39 0.00	13.47 -0.33 0.00	17.50 -0.21 0.00	21.25 0.18 0.00	20.52 0.12 0.00	22.63 0.35 0.00	21.06 0.39 0.00	19.56 0.52 0.00
V_D_10_SYNC_DSASP 323841	21.48 -0.01 0.00	18.42 0.08 0.00	16.37 0.06 0.00	17.56 0.05 0.00	18.66 0.10 0.00	20.24 0.15 0.00	19.53 0.09 0.00	19.45 0.06 0.00	20.34 0.03 0.00	19.02 -0.10 0.00	19.59 -0.15 0.00	18.11 -0.13 0.00	14.24 -0.13 0.00	14.36 -0.10 0.00	8.05 -0.06 0.00	8.44 -0.07 0.00	10.71 -0.11 0.00	13.69 -0.12 0.00	17.60 -0.10 0.00	21.04 -0.02 0.00	20.31 -0.09 0.00	22.39 0.12 0.00	20.85 0.18 0.00	19.23 0.19 0.00
V_E_10_SYNC_DSASP 323830	23.06 1.57 0.00	19.44 1.10 0.00	17.38 1.08 0.00	18.48 0.96 0.00	19.65 1.09 0.00	21.52 1.44 0.00	20.70 1.26 0.00	20.56 1.16 0.00	21.54 1.23 0.00	20.20 1.09 0.00	20.69 0.95 0.00	19.06 0.82 0.00	15.05 0.68 0.00	15.06 0.59 0.00	8.38 0.28 0.00	8.76 0.25 0.00	11.14 0.32 0.00	14.41 0.60 0.00	19.03 1.32 0.00	22.98 1.91 0.00	22.30 1.91 0.00	24.20 1.92 0.00	22.37 1.69 0.00	20.50 1.47 0.00
V_F_30_NSYNC___DSASP 323816	22.15 0.67 0.00	18.86 0.52 0.00	16.76 0.46 0.00	18.01 0.49 0.00	19.04 0.49 0.00	20.57 0.48 0.00	19.95 0.51 0.00	19.95 0.56 0.00	20.88 0.57 0.00	19.67 0.55 0.00	20.31 0.58 0.00	18.76 0.52 0.00	14.76 0.38 0.00	14.81 0.34 0.00	8.27 0.16 0.00	8.70 0.19 0.00	11.09 0.28 0.00	14.25 0.45 0.00	18.31 0.61 0.00	21.81 0.75 0.00	21.10 0.71 0.00	22.96 0.69 0.00	21.29 0.61 0.00	19.57 0.53 0.00
V_F_30_SYNC_DSASP 323786	22.08 0.59 0.00	18.81 0.47 0.00	16.73 0.42 0.00	17.97 0.45 0.00	19.00 0.44 0.00	20.52 0.43 0.00	19.88 0.45 0.00	19.85 0.46 0.00	20.78 0.47 0.00	19.62 0.50 0.00	20.30 0.57 0.00	18.75 0.51 0.00	14.77 0.40 0.00	14.85 0.39 0.00	8.30 0.20 0.00	8.73 0.22 0.00	11.14 0.32 0.00	14.23 0.43 0.00	18.11 0.41 0.00	21.38 0.32 0.00	20.72 0.33 0.00	22.67 0.40 0.00	21.03 0.35 0.00	19.38 0.34 0.00
V_XM_10_SYNC_DSASP 323789	21.87 0.38 0.00	18.78 0.45 0.00	16.64 0.33 0.00	17.89 0.37 0.00	19.01 0.45 0.00	20.50 0.42 0.00	19.71 0.27 0.00	19.64 0.25 0.00	20.46 0.16 0.00	18.94 -0.18 0.00	19.12 -0.61 0.00	17.76 -0.49 0.00	13.89 -0.48 0.00	14.00 -0.46 0.00	7.83 -0.28 0.00	8.24 -0.27 0.00	10.43 -0.39 0.00	13.47 -0.33 0.00	17.50 -0.21 0.00	21.25 0.18 0.00	20.52 0.12 0.00	22.63 0.35 0.00	21.06 0.39 0.00	19.56 0.52 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.24 0.75 0.00	18.85 0.52 0.00	16.73 0.43 0.00	18.00 0.48 0.00	19.03 0.47 0.00	20.61 0.53 0.00	20.02 0.58 0.00	20.03 0.64 0.00	20.95 0.64 0.00	19.80 0.68 0.00	20.46 0.73 0.00	18.95 0.71 0.00	14.99 0.62 0.00	15.09 0.63 0.00	8.45 0.34 0.00	8.92 0.41 0.00	11.38 0.57 0.00	14.57 0.76 0.00	18.58 0.87 0.00	22.05 0.99 0.00	21.39 1.00 0.00	23.28 1.00 0.00	21.49 0.82 0.00	19.71 0.67 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.30 0.81 0.00	18.95 0.61 0.00	16.82 0.52 0.00	18.08 0.57 0.00	19.09 0.54 0.00	20.66 0.58 0.00	20.06 0.62 0.00	20.12 0.72 0.00	21.04 0.73 0.00	19.91 0.80 0.00	20.58 0.85 0.00	19.09 0.85 0.00	15.13 0.75 0.00	15.21 0.75 0.00	8.51 0.41 0.00	8.99 0.48 0.00	11.48 0.66 0.00	14.68 0.88 0.00	18.70 0.99 0.00	22.13 1.07 0.00	21.47 1.08 0.00	23.34 1.07 0.00	21.55 0.88 0.00	19.77 0.73 0.00
W50THST__13_KV_LOAD 356117	22.45 0.96 0.00	19.06 0.72 0.00	16.92 0.61 0.00	18.19 0.67 0.00	19.21 0.65 0.00	20.78 0.70 0.00	20.18 0.74 0.00	20.24 0.84 0.00	21.17 0.87 0.00	20.05 0.93 0.00	20.72 0.98 0.00	19.22 0.98 0.00	15.23 0.86 0.00	15.32 0.85 0.00	8.57 0.46 0.00	9.05 0.54 0.00	11.55 0.73 0.00	14.78 0.98 0.00	18.80 1.10 0.00	22.26 1.19 0.00	21.59 1.20 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.87 0.83 0.00
WADING RIVER_IC_1 23522	22.66 1.18 0.00	19.39 1.05 0.00	17.16 0.85 0.00	18.41 0.90 0.00	19.46 0.90 0.00	20.96 0.88 0.00	20.38 0.94 0.00	20.33 0.94 0.00	21.07 0.76 0.00	19.93 0.81 0.00	20.63 0.90 0.00	19.05 0.80 0.00	14.97 0.60 0.00	15.00 0.53 0.00	8.39 0.29 0.00	8.88 0.37 0.00	11.42 0.60 0.00	14.78 0.98 0.00	18.76 1.05 0.00	22.34 1.28 0.00	21.65 1.25 0.00	23.60 1.33 0.00	21.94 1.27 0.00	20.02 0.98 0.00



WADING RIVER_IC_2 23547	22.66 1.18 0.00	19.39 1.05 0.00	17.16 0.85 0.00	18.41 0.90 0.00	19.46 0.90 0.00	20.96 0.88 0.00	20.38 0.94 0.00	20.33 0.94 0.00	21.07 0.76 0.00	19.93 0.81 0.00	20.63 0.90 0.00	19.05 0.80 0.00	14.97 0.60 0.00	15.00 0.53 0.00	8.39 0.29 0.00	8.88 0.37 0.00	11.42 0.60 0.00	14.78 0.98 0.00	18.76 1.05 0.00	22.34 1.28 0.00	21.65 1.25 0.00	23.60 1.33 0.00	21.94 1.27 0.00	20.02 0.98 0.00
WADING RIVER_IC_3 23601	22.66 1.18 0.00	19.39 1.05 0.00	17.16 0.85 0.00	18.41 0.90 0.00	19.46 0.90 0.00	20.96 0.88 0.00	20.38 0.94 0.00	20.33 0.94 0.00	21.07 0.76 0.00	19.93 0.81 0.00	20.63 0.90 0.00	19.05 0.80 0.00	14.97 0.60 0.00	15.00 0.53 0.00	8.39 0.29 0.00	8.88 0.37 0.00	11.42 0.60 0.00	14.78 0.98 0.00	18.76 1.05 0.00	22.34 1.28 0.00	21.65 1.25 0.00	23.60 1.33 0.00	21.94 1.27 0.00	20.02 0.98 0.00
WALDENNY_I2_KV_BK2 80841	21.78 0.30 0.00	18.64 0.30 0.00	16.52 0.22 0.00	17.77 0.26 0.00	18.99 0.43 0.00	20.66 0.58 0.00	19.85 0.42 0.00	19.59 0.19 0.00	20.64 0.33 0.00	19.40 0.28 0.00	20.05 0.32 0.00	18.38 0.14 0.00	14.52 0.14 0.00	14.59 0.13 0.00	8.21 0.11 0.00	8.54 0.03 0.00	10.69 -0.12 0.00	13.68 -0.13 0.00	17.66 -0.04 0.00	20.87 -0.20 0.00	20.27 -0.12 0.00	21.83 -0.45 0.00	20.28 -0.40 0.00	18.92 -0.12 0.00
WALDEN___HYDRO 24148	22.27 0.78 0.00	18.90 0.56 0.00	16.78 0.47 0.00	18.04 0.52 0.00	19.07 0.51 0.00	20.66 0.57 0.00	20.06 0.62 0.00	20.07 0.68 0.00	20.97 0.67 0.00	19.77 0.65 0.00	20.39 0.66 0.00	18.88 0.64 0.00	14.90 0.53 0.00	15.00 0.54 0.00	8.40 0.30 0.00	8.86 0.35 0.00	11.32 0.50 0.00	14.51 0.71 0.00	18.55 0.85 0.00	22.09 1.03 0.00	21.44 1.05 0.00	23.33 1.06 0.00	21.54 0.87 0.00	19.75 0.71 0.00
WARRENSBURG___ 23737	22.07 0.58 0.00	18.77 0.43 0.00	16.66 0.35 0.00	17.91 0.39 0.00	18.94 0.38 0.00	20.43 0.34 0.00	19.83 0.40 0.00	19.88 0.48 0.00	20.77 0.46 0.00	19.60 0.49 0.00	20.21 0.48 0.00	18.65 0.40 0.00	14.67 0.29 0.00	14.70 0.24 0.00	8.18 0.08 0.00	8.62 0.11 0.00	11.01 0.19 0.00	14.16 0.35 0.00	18.24 0.54 0.00	21.79 0.72 0.00	21.05 0.66 0.00	22.87 0.59 0.00	21.19 0.51 0.00	19.45 0.41 0.00
WATERSIDE___6 8 9 23538	22.30 0.81 0.00	18.95 0.61 0.00	16.82 0.51 0.00	18.07 0.55 0.00	19.09 0.53 0.00	20.64 0.55 0.00	20.06 0.62 0.00	20.10 0.70 0.00	21.02 0.72 0.00	19.90 0.79 0.00	20.56 0.83 0.00	19.08 0.84 0.00	15.12 0.75 0.00	15.22 0.76 0.00	8.52 0.41 0.00	9.00 0.49 0.00	11.48 0.66 0.00	14.68 0.88 0.00	18.67 0.96 0.00	22.10 1.04 0.00	21.45 1.06 0.00	23.32 1.04 0.00	21.53 0.86 0.00	19.77 0.72 0.00
WATKINRD_115KV_LN8_ILLION 55919	21.47 -0.02 0.00	18.26 -0.08 0.00	16.23 -0.08 0.00	17.43 -0.09 0.00	18.43 -0.13 0.00	19.95 -0.14 0.00	19.34 -0.10 0.00	19.32 -0.07 0.00	20.22 -0.09 0.00	19.08 -0.04 0.00	19.66 -0.07 0.00	18.19 -0.06 0.00	14.32 -0.05 0.00	14.40 -0.06 0.00	8.06 -0.04 0.00	8.46 -0.05 0.00	10.79 -0.03 0.00	13.78 -0.03 0.00	17.69 -0.02 0.00	21.06 0.00 0.00	20.46 0.07 0.00	22.30 0.02 0.00	20.67 0.00 0.00	18.99 -0.05 0.00
WATSON___69_KV_BK 1 55734	22.75 1.26 0.00	19.40 1.07 0.00	17.16 0.85 0.00	18.42 0.91 0.00	19.46 0.91 0.00	20.99 0.91 0.00	20.39 0.95 0.00	20.33 0.93 0.00	21.11 0.80 0.00	19.97 0.86 0.00	20.70 0.97 0.00	19.12 0.88 0.00	15.04 0.67 0.00	15.10 0.64 0.00	8.46 0.36 0.00	8.96 0.45 0.00	11.52 0.70 0.00	14.85 1.05 0.00	18.86 1.16 0.00	22.47 1.41 0.00	21.77 1.38 0.00	23.77 1.49 0.00	21.99 1.32 0.00	20.11 1.07 0.00
WDELAWARE___HYD 323627	22.16 0.67 0.00	18.80 0.47 0.00	16.69 0.38 0.00	17.95 0.44 0.00	18.99 0.43 0.00	20.57 0.49 0.00	19.97 0.54 0.00	20.00 0.61 0.00	20.91 0.60 0.00	19.67 0.56 0.00	20.24 0.51 0.00	18.76 0.52 0.00	14.78 0.41 0.00	14.88 0.42 0.00	8.34 0.23 0.00	8.80 0.28 0.00	11.24 0.42 0.00	14.39 0.59 0.00	18.43 0.72 0.00	22.00 0.94 0.00	21.36 0.97 0.00	23.23 0.96 0.00	21.44 0.77 0.00	19.65 0.61 0.00
WEST BABYLON___IC 23714	22.67 1.18 0.00	19.32 0.99 0.00	17.09 0.78 0.00	18.34 0.83 0.00	19.39 0.83 0.00	20.91 0.83 0.00	20.30 0.86 0.00	20.24 0.84 0.00	21.03 0.73 0.00	19.91 0.79 0.00	20.64 0.91 0.00	19.07 0.83 0.00	15.01 0.64 0.00	15.08 0.62 0.00	8.46 0.35 0.00	8.95 0.43 0.00	11.51 0.69 0.00	14.80 1.00 0.00	18.80 1.10 0.00	22.40 1.34 0.00	21.71 1.31 0.00	23.69 1.42 0.00	21.91 1.24 0.00	20.04 1.00 0.00
WEST CANADA___HYD 24049	21.53 0.04 0.00	18.35 0.01 0.00	16.32 0.02 0.00	17.53 0.02 0.00	18.57 0.01 0.00	20.09 0.00 0.00	19.45 0.02 0.00	19.41 0.02 0.00	20.33 0.02 0.00	19.16 0.04 0.00	19.78 0.05 0.00	18.30 0.05 0.00	14.41 0.04 0.00	14.50 0.03 0.00	8.12 0.01 0.00	8.53 0.02 0.00	10.86 0.04 0.00	13.85 0.04 0.00	17.76 0.05 0.00	21.12 0.06 0.00	20.46 0.06 0.00	22.32 0.05 0.00	20.70 0.02 0.00	19.06 0.02 0.00
WESTERN_NY_WIND 24143	21.88 0.40 0.00	18.74 0.40 0.00	16.62 0.32 0.00	17.88 0.36 0.00	19.08 0.52 0.00	20.73 0.65 0.00	19.93 0.49 0.00	19.64 0.25 0.00	20.70 0.39 0.00	19.42 0.30 0.00	20.07 0.34 0.00	18.37 0.13 0.00	14.46 0.09 0.00	14.48 0.02 0.00	8.13 0.02 0.00	8.44 -0.07 0.00	10.58 -0.23 0.00	13.55 -0.26 0.00	17.62 -0.09 0.00	20.94 -0.13 0.00	20.37 -0.02 0.00	21.92 -0.35 0.00	20.34 -0.33 0.00	19.00 -0.04 0.00
WESTOVER___LESR 323668	21.63 0.14 0.00	18.35 0.01 0.00	16.28 -0.02 0.00	17.55 0.03 0.00	18.59 0.04 0.00	20.18 0.09 0.00	19.52 0.09 0.00	19.53 0.13 0.00	20.51 0.20 0.00	19.36 0.25 0.00	19.97 0.23 0.00	18.45 0.21 0.00	14.54 0.17 0.00	14.61 0.14 0.00	8.18 0.08 0.00	8.59 0.08 0.00	10.91 0.09 0.00	13.91 0.11 0.00	17.95 0.24 0.00	21.32 0.26 0.00	20.67 0.27 0.00	22.48 0.21 0.00	20.81 0.14 0.00	19.09 0.05 0.00
WETHRSFD_WT_PWR 323626	21.55 0.06 0.00	18.45 0.11 0.00	16.31 0.01 0.00	17.52 0.01 0.00	18.75 0.20 0.00	20.45 0.37 0.00	19.68 0.25 0.00	19.45 0.05 0.00	20.49 0.18 0.00	19.25 0.13 0.00	19.89 0.16 0.00	18.25 0.00 0.00	14.40 0.03 0.00	14.46 -0.01 0.00	8.13 0.03 0.00	8.45 -0.06 0.00	10.58 -0.24 0.00	13.55 -0.25 0.00	17.50 -0.21 0.00	20.71 -0.35 0.00	20.12 -0.28 0.00	21.66 -0.61 0.00	20.11 -0.56 0.00	18.76 -0.28 0.00
WHAVSTOR_138KV_BK127 55557	22.15 0.66 0.00	18.78 0.44 0.00	16.67 0.36 0.00	17.93 0.42 0.00	18.95 0.40 0.00	20.53 0.44 0.00	19.93 0.50 0.00	19.95 0.56 0.00	20.86 0.55 0.00	19.72 0.60 0.00	20.38 0.65 0.00	18.88 0.64 0.00	14.93 0.56 0.00	15.03 0.57 0.00	8.41 0.31 0.00	8.89 0.38 0.00	11.33 0.52 0.00	14.51 0.70 0.00	18.50 0.79 0.00	21.96 0.89 0.00	21.30 0.90 0.00	23.17 0.90 0.00	21.40 0.73 0.00	19.63 0.59 0.00

WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.15 0.66 0.00	18.78 0.44 0.00	16.67 0.36 0.00	17.93 0.42 0.00	18.95 0.40 0.00	20.53 0.44 0.00	19.93 0.50 0.00	19.95 0.56 0.00	20.86 0.55 0.00	19.72 0.60 0.00	20.38 0.65 0.00	18.88 0.64 0.00	14.93 0.56 0.00	15.03 0.57 0.00	8.41 0.31 0.00	8.89 0.38 0.00	11.33 0.52 0.00	14.51 0.70 0.00	18.50 0.79 0.00	21.96 0.89 0.00	21.30 0.90 0.00	23.17 0.90 0.00	21.40 0.73 0.00	19.63 0.59 0.00
WHITEHAL_115KV_TB1 80871	22.76 1.27 0.00	19.34 1.00 0.00	17.15 0.85 0.00	18.40 0.89 0.00	19.45 0.90 0.00	20.94 0.86 0.00	20.26 0.83 0.00	20.39 0.99 0.00	21.27 0.96 0.00	19.98 0.87 0.00	20.51 0.78 0.00	18.96 0.71 0.00	14.91 0.54 0.00	14.95 0.48 0.00	8.29 0.19 0.00	8.75 0.23 0.00	11.18 0.37 0.00	14.55 0.74 0.00	18.68 0.97 0.00	22.51 1.45 0.00	21.60 1.21 0.00	23.43 1.16 0.00	21.65 0.98 0.00	19.86 0.82 0.00
WHITEPLN_13_KV_LOAD 356215	22.38 0.90 0.00	19.01 0.67 0.00	16.87 0.57 0.00	18.14 0.62 0.00	19.16 0.60 0.00	20.74 0.65 0.00	20.13 0.69 0.00	20.16 0.77 0.00	21.09 0.78 0.00	19.93 0.82 0.00	20.60 0.87 0.00	19.09 0.85 0.00	15.10 0.72 0.00	15.19 0.73 0.00	8.50 0.40 0.00	8.98 0.47 0.00	11.46 0.65 0.00	14.68 0.88 0.00	18.72 1.02 0.00	22.22 1.15 0.00	21.54 1.15 0.00	23.43 1.16 0.00	21.63 0.96 0.00	19.85 0.81 0.00
WM_FLOYD_69_KV_BK2 356380	22.67 1.18 0.00	19.38 1.05 0.00	17.15 0.84 0.00	18.41 0.89 0.00	19.45 0.89 0.00	20.94 0.86 0.00	20.37 0.93 0.00	20.30 0.91 0.00	21.05 0.74 0.00	19.90 0.79 0.00	20.60 0.87 0.00	19.02 0.78 0.00	14.95 0.58 0.00	14.99 0.52 0.00	8.39 0.28 0.00	8.88 0.37 0.00	11.43 0.61 0.00	14.80 0.99 0.00	18.76 1.06 0.00	22.35 1.29 0.00	21.65 1.26 0.00	23.63 1.36 0.00	21.93 1.26 0.00	20.04 1.00 0.00
WOODARD__115KV_TB2 355635	21.20 -0.29 0.00	18.07 -0.26 0.00	16.06 -0.25 0.00	17.26 -0.25 0.00	18.30 -0.26 0.00	19.82 -0.26 0.00	19.18 -0.25 0.00	19.14 -0.26 0.00	20.08 -0.23 0.00	18.92 -0.20 0.00	19.53 -0.21 0.00	18.02 -0.22 0.00	14.19 -0.18 0.00	14.25 -0.22 0.00	7.97 -0.13 0.00	8.36 -0.15 0.00	10.61 -0.20 0.00	13.55 -0.25 0.00	17.44 -0.27 0.00	20.74 -0.32 0.00	20.12 -0.27 0.00	21.87 -0.40 0.00	20.27 -0.40 0.00	18.68 -0.36 0.00
YORK___WARBASSE 23770	22.40 0.91 0.00	19.03 0.69 0.00	16.89 0.58 0.00	18.14 0.63 0.00	19.17 0.61 0.00	20.74 0.66 0.00	20.16 0.72 0.00	20.19 0.79 0.00	21.13 0.82 0.00	20.00 0.89 0.00	20.66 0.92 0.00	19.17 0.92 0.00	15.18 0.81 0.00	15.27 0.80 0.00	8.54 0.44 0.00	9.03 0.52 0.00	11.52 0.70 0.00	14.74 0.94 0.00	18.77 1.06 0.00	22.24 1.17 0.00	21.59 1.19 0.00	23.46 1.19 0.00	21.66 0.99 0.00	19.88 0.84 0.00