

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/16/2024

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	22.27	20.14	18.46	20.01	20.45	19.51	20.53	23.86	20.99	19.34	18.94	17.19	17.32	13.54	16.66	17.37	17.32	19.75	23.41	27.54	20.55	20.58	20.39	19.37
24138	0.78	0.65	0.54	0.54	0.57	0.59	0.76	1.10	1.03	0.99	1.05	0.97	0.60	0.77	0.89	0.92	0.95	1.07	1.28	1.61	1.21	1.20	1.16	1.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.26	20.14	18.48	20.02	20.47	19.52	20.54	23.87	20.99	19.33	18.93	17.18	10.44	13.53	16.65	17.36	17.30	19.73	23.40	27.51	20.53	20.57	20.35	19.36
24260	0.77	0.65	0.55	0.55	0.59	0.60	0.76	1.10	1.02	0.98	1.04	0.96	0.59	0.75	0.87	0.91	0.94	1.05	1.28	1.58	1.19	1.19	1.13	1.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.26	20.14	18.48	20.02	20.47	19.52	20.54	23.87	20.99	19.33	18.93	17.18	10.44	13.53	16.65	17.36	17.30	19.73	23.40	27.51	20.53	20.57	20.35	19.36
24261	0.77	0.65	0.55	0.55	0.59	0.60	0.76	1.10	1.02	0.98	1.04	0.96	0.59	0.75	0.87	0.91	0.94	1.05	1.28	1.58	1.19	1.19	1.13	1.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.00	20.02	18.40	20.00	20.44	19.51	20.45	23.60	20.68	18.89	18.38	16.63	10.12	13.21	16.27	16.98	16.89	19.46	23.15	27.05	20.19	20.22	20.06	19.06
24011	0.52	0.53	0.48	0.53	0.56	0.59	0.67	0.84	0.72	0.54	0.49	0.41	0.27	0.44	0.50	0.53	0.53	0.78	1.03	1.12	0.86	0.84	0.83	0.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.08	20.11	18.49	20.10	20.55	19.62	20.56	23.73	20.79	18.97	18.43	16.67	10.15	13.29	16.35	17.08	16.97	19.58	23.30	27.19	20.30	20.34	20.18	19.18
23798	0.60	0.62	0.57	0.63	0.67	0.70	0.79	0.97	0.83	0.62	0.55	0.44	0.30	0.51	0.57	0.62	0.60	0.90	1.18	1.26	0.97	0.96	0.96	0.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.00	20.02	18.40	20.00	20.44	19.51	20.45	23.60	20.68	18.89	18.38	16.63	10.12	13.21	16.27	16.98	16.89	19.46	23.15	27.05	20.19	20.22	20.06	19.06
24028	0.52	0.53	0.48	0.53	0.56	0.59	0.67	0.84	0.72	0.54	0.49	0.41	0.27	0.44	0.50	0.53	0.53	0.78	1.03	1.12	0.86	0.84	0.83	0.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.58	19.64	18.03	19.59	20.02	19.09	20.01	23.09	20.24	18.51	18.05	16.44	9.98	13.07	16.13	16.84	16.67	19.12	22.67	26.44	19.81	19.84	19.67	18.73
23527	0.10	0.14	0.10	0.12	0.14	0.17	0.23	0.32	0.28	0.17	0.16	0.21	0.14	0.29	0.36	0.39	0.30	0.44	0.55	0.51	0.48	0.46	0.45	0.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.76	19.78	18.16	19.74	20.16	19.21	20.11	23.21	20.35	18.65	18.23	16.58	10.06	13.09	16.15	16.85	16.74	19.14	22.70	26.57	19.86	19.88	19.73	18.80
24190	0.28	0.28	0.24	0.26	0.28	0.29	0.32	0.44	0.39	0.31	0.34	0.36	0.22	0.32	0.38	0.40	0.38	0.47	0.58	0.64	0.52	0.50	0.50	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
AKWESSNE_115KV_BK	21.56	19.54	17.97	19.52	19.92	18.94	19.82	22.78	19.94	18.33	17.79	16.12	9.80	12.73	15.79	16.49	16.41	18.72	22.12	25.85	19.21	19.33	19.19	18.29
355683	0.08	0.05	0.04	0.04	0.04	0.02	0.04	0.01	-0.02	-0.01	-0.10	-0.10	-0.04	-0.04	0.02	0.03	0.05	0.04	-0.01	-0.08	-0.12	-0.05	-0.04	-0.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	21.98	19.97	18.35	19.94	20.36	19.40	20.31	23.41	20.42	18.58	18.26	16.62	10.06	13.07	16.10	16.81	16.65	19.21	22.83	26.78	20.02	20.04	19.88	18.94
323833	0.50	0.48	0.43	0.46	0.48	0.49	0.53	0.65	0.46	0.23	0.37	0.40	0.22	0.29	0.33	0.36	0.28	0.52	0.71	0.85	0.69	0.67	0.66	0.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.97	19.96	18.34	19.94	20.36	19.40	20.31	23.40	20.41	18.57	18.25	16.61	10.06	13.07	16.10	16.81	16.65	19.20	22.83	26.77	20.02	20.04	19.88	18.93
323834	0.49	0.47	0.42	0.46	0.48	0.48	0.53	0.64	0.46	0.23	0.36	0.39	0.22	0.29	0.33	0.36	0.28	0.52	0.71	0.84	0.69	0.66	0.66	0.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.76	19.78	18.16	19.74	20.16	19.21	20.11	23.21	20.35	18.65	18.23	16.58	10.06	13.09	16.15	16.85	16.74	19.14	22.70	26.57	19.86	19.88	19.73	18.80
23571	0.28	0.28	0.24	0.26	0.28	0.29	0.32	0.44	0.39	0.31	0.34	0.36	0.22	0.32	0.38	0.40	0.38	0.47	0.58	0.64	0.52	0.50	0.50	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___2 23572	21.76 0.28 0.00	19.78 0.28 0.00	18.16 0.24 0.00	19.74 0.26 0.00	20.16 0.28 0.00	19.21 0.29 0.00	20.11 0.32 0.00	23.21 0.44 0.00	20.35 0.39 0.00	18.65 0.31 0.00	18.23 0.34 0.00	16.58 0.36 0.00	10.06 0.22 0.00	13.09 0.32 0.00	16.15 0.38 0.00	16.85 0.40 0.00	16.74 0.38 0.00	19.14 0.47 0.00	22.70 0.58 0.00	26.57 0.64 0.00	19.86 0.52 0.00	19.88 0.50 0.00	19.73 0.50 0.00	18.80 0.45 0.00
ALBANY___3 23573	21.76 0.28 0.00	19.78 0.28 0.00	18.16 0.24 0.00	19.74 0.26 0.00	20.16 0.28 0.00	19.21 0.29 0.00	20.11 0.32 0.00	23.21 0.44 0.00	20.35 0.39 0.00	18.65 0.31 0.00	18.23 0.34 0.00	16.58 0.36 0.00	10.06 0.22 0.00	13.09 0.32 0.00	16.15 0.38 0.00	16.85 0.40 0.00	16.74 0.38 0.00	19.14 0.47 0.00	22.70 0.58 0.00	26.57 0.64 0.00	19.86 0.52 0.00	19.88 0.50 0.00	19.73 0.50 0.00	18.80 0.45 0.00
ALBANY___4 23574	21.76 0.28 0.00	19.78 0.28 0.00	18.16 0.24 0.00	19.74 0.26 0.00	20.16 0.28 0.00	19.21 0.29 0.00	20.11 0.32 0.00	23.21 0.44 0.00	20.35 0.39 0.00	18.65 0.31 0.00	18.23 0.34 0.00	16.58 0.36 0.00	10.06 0.22 0.00	13.09 0.32 0.00	16.15 0.38 0.00	16.85 0.40 0.00	16.74 0.38 0.00	19.14 0.47 0.00	22.70 0.58 0.00	26.57 0.64 0.00	19.86 0.52 0.00	19.88 0.50 0.00	19.73 0.50 0.00	18.80 0.45 0.00
ALBANY___LFGE 323615	21.87 0.39 0.00	19.87 0.38 0.00	18.25 0.33 0.00	19.83 0.35 0.00	20.25 0.37 0.00	19.31 0.38 0.00	20.21 0.42 0.00	23.32 0.56 0.00	20.46 0.50 0.00	18.74 0.40 0.00	18.33 0.44 0.00	16.67 0.44 0.00	10.12 0.27 0.00	13.16 0.39 0.00	16.23 0.46 0.00	16.93 0.48 0.00	16.83 0.46 0.00	19.26 0.58 0.00	22.82 0.70 0.00	26.71 0.79 0.00	19.97 0.63 0.00	19.99 0.62 0.00	19.83 0.61 0.00	18.89 0.55 0.00
ALCOA_PA_115KV_PL-6C 55860	21.60 0.12 0.00	19.57 0.08 0.00	18.00 0.08 0.00	19.55 0.08 0.00	19.96 0.08 0.00	18.98 0.06 0.00	19.87 0.08 0.00	22.83 0.07 0.00	19.99 0.03 0.00	18.36 0.02 0.00	17.81 -0.08 0.00	16.14 -0.08 0.00	9.82 -0.03 0.00	12.75 -0.03 0.00	15.82 0.04 0.00	16.51 0.06 0.00	16.45 0.08 0.00	18.77 0.08 0.00	22.17 0.05 0.00	25.92 0.00 0.00	19.26 -0.07 0.00	19.36 -0.01 0.00	19.22 0.00 0.00	18.31 -0.03 0.00
ALCOA_RYNLDS___DRP 24188	21.60 0.12 0.00	19.57 0.08 0.00	18.00 0.08 0.00	19.55 0.08 0.00	19.96 0.08 0.00	18.98 0.06 0.00	19.87 0.08 0.00	22.83 0.07 0.00	19.99 0.03 0.00	18.36 0.02 0.00	17.81 -0.08 0.00	16.14 -0.08 0.00	9.82 -0.03 0.00	12.75 -0.03 0.00	15.82 0.04 0.00	16.51 0.06 0.00	16.45 0.08 0.00	18.77 0.08 0.00	22.17 0.05 0.00	25.92 0.00 0.00	19.26 -0.07 0.00	19.36 -0.01 0.00	19.22 0.00 0.00	18.31 -0.03 0.00
ALCOA___DSASP 323711	21.60 0.12 0.00	19.57 0.08 0.00	18.00 0.08 0.00	19.55 0.08 0.00	19.96 0.08 0.00	18.98 0.06 0.00	19.87 0.09 0.00	22.83 0.07 0.00	19.99 0.03 0.00	18.36 0.02 0.00	17.81 -0.08 0.00	16.14 -0.08 0.00	9.82 -0.03 0.00	12.75 -0.03 0.00	15.82 0.04 0.00	16.51 0.06 0.00	16.45 0.08 0.00	18.77 0.08 0.00	22.17 0.05 0.00	25.92 0.00 0.00	19.26 -0.07 0.00	19.36 -0.01 0.00	19.22 0.00 0.00	18.31 -0.03 0.00
ALLEGHENY___COGEN 23514	21.91 0.43 0.00	19.93 0.44 0.00	18.34 0.42 0.00	20.01 0.53 0.00	20.44 0.55 0.00	19.45 0.53 0.00	20.40 0.62 0.00	23.30 0.54 0.00	20.38 0.42 0.00	18.54 0.19 0.00	17.74 -0.15 0.00	15.92 -0.30 0.00	9.53 -0.31 0.00	12.20 -0.57 0.00	15.02 -0.75 0.00	15.75 -0.71 0.00	15.71 -0.65 0.00	17.96 -0.73 0.00	21.66 -0.46 0.00	25.87 -0.05 0.00	19.25 -0.08 0.00	19.11 -0.27 0.00	19.00 -0.22 0.00	18.25 -0.09 0.00
ALTAMONT_115KV_TB 2 55880	21.71 0.23 0.00	19.72 0.23 0.00	18.12 0.20 0.00	19.68 0.21 0.00	20.11 0.22 0.00	19.16 0.24 0.00	20.06 0.27 0.00	23.14 0.37 0.00	20.29 0.33 0.00	18.61 0.26 0.00	18.17 0.29 0.00	16.51 0.29 0.00	10.02 0.18 0.00	13.03 0.26 0.00	16.08 0.31 0.00	16.77 0.32 0.00	16.66 0.29 0.00	19.06 0.38 0.00	22.60 0.48 0.00	26.48 0.55 0.00	19.78 0.45 0.00	19.80 0.43 0.00	19.65 0.42 0.00	18.72 0.38 0.00
ALTONA_WT_PWR 323606	21.88 0.40 0.00	19.91 0.42 0.00	18.24 0.32 0.00	19.79 0.31 0.00	20.26 0.38 0.00	19.25 0.33 0.00	20.14 0.36 0.00	23.23 0.47 0.00	20.34 0.38 0.00	18.63 0.28 0.00	17.96 0.08 0.00	16.23 0.01 0.00	9.86 0.01 0.00	12.90 0.13 0.00	15.98 0.22 0.00	16.68 0.23 0.00	16.63 0.26 0.00	19.08 0.40 0.00	22.63 0.51 0.00	26.34 0.42 0.00	19.42 0.08 0.00	19.57 0.19 0.00	19.42 0.20 0.00	18.43 0.09 0.00
AMERICAN_REF_FUEL 24010	20.29 -1.20 0.00	18.52 -0.98 0.00	17.17 -0.75 0.00	18.72 -0.76 0.00	19.05 -0.84 0.00	18.03 -0.89 0.00	18.70 -1.08 0.00	20.93 -1.83 0.00	18.35 -1.61 0.00	16.97 -1.37 0.00	16.54 -1.34 0.00	14.99 -1.23 0.00	9.04 -0.81 0.00	11.61 -1.16 0.00	14.18 -1.59 0.00	14.79 -1.66 0.00	14.70 -1.66 0.00	16.53 -2.15 0.00	19.38 -2.74 0.00	22.99 -2.94 0.00	17.15 -2.18 0.00	17.21 -2.17 0.00	17.23 -1.99 0.00	16.80 -1.54 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.05 -0.44 0.00	19.17 -0.33 0.00	17.89 -0.03 0.00	19.59 0.11 0.00	19.87 -0.02 0.00	18.76 -0.16 0.00	19.57 -0.21 0.00	22.06 -0.70 0.00	19.33 -0.63 0.00	17.86 -0.49 0.00	17.41 -0.48 0.00	15.57 -0.65 0.00	9.28 -0.57 0.00	12.06 -0.71 0.00	14.79 -0.98 0.00	15.29 -1.16 0.00	15.02 -1.34 0.00	16.92 -1.76 0.00	20.08 -2.04 0.00	23.64 -2.29 0.00	17.52 -1.82 0.00	17.52 -1.86 0.00	17.83 -1.39 0.00	17.20 -1.15 0.00
ARTHUR KILL_GT_1 23520	22.12 0.64 0.00	20.02 0.53 0.00	18.36 0.43 0.00	19.90 0.42 0.00	20.35 0.47 0.00	19.42 0.50 0.00	20.42 0.64 0.00	23.73 0.97 0.00	20.86 0.90 0.00	19.19 0.84 0.00	18.76 0.87 0.00	17.00 0.78 0.00	10.32 0.48 0.00	13.37 0.60 0.00	16.46 0.69 0.00	17.18 0.73 0.00	17.12 0.75 0.00	19.54 0.86 0.00	23.21 1.09 0.00	27.27 1.34 0.00	20.35 1.02 0.00	20.42 1.04 0.00	20.52 1.29 0.00	19.53 1.19 0.00
ARTHUR_KILL_2 23512	22.06 0.58 0.00	19.97 0.48 0.00	18.31 0.39 0.00	19.85 0.37 0.00	20.31 0.42 0.00	19.36 0.44 0.00	20.37 0.59 0.00	23.67 0.90 0.00	20.81 0.85 0.00	19.14 0.79 0.00	18.72 0.83 0.00	16.96 0.74 0.00	10.30 0.46 0.00	13.35 0.58 0.00	16.43 0.66 0.00	17.14 0.69 0.00	17.08 0.71 0.00	19.50 0.82 0.00	23.15 1.03 0.00	27.19 1.27 0.00	20.29 0.96 0.00	20.36 0.98 0.00	20.46 1.24 0.00	19.48 1.14 0.00
ARTHUR_KILL_3 23513	22.03 0.55 0.00	19.93 0.44 0.00	18.27 0.34 0.00	19.80 0.32 0.00	20.24 0.36 0.00	19.31 0.38 0.00	20.32 0.54 0.00	23.62 0.85 0.00	20.77 0.81 0.00	19.11 0.77 0.00	18.72 0.83 0.00	16.99 0.76 0.00	10.32 0.47 0.00	13.37 0.60 0.00	16.46 0.69 0.00	17.17 0.72 0.00	17.10 0.74 0.00	19.51 0.83 0.00	23.15 1.03 0.00	27.22 1.29 0.00	20.31 0.98 0.00	20.35 0.97 0.00	20.12 0.90 0.00	19.13 0.79 0.00

ARTHUR_KILL_COGEN 323718	22.12 0.64 0.00	20.02 0.53 0.00	18.36 0.43 0.00	19.90 0.42 0.00	20.35 0.47 0.00	19.42 0.50 0.00	20.42 0.64 0.00	23.73 0.97 0.00	20.86 0.90 0.00	19.19 0.84 0.00	18.76 0.87 0.00	17.00 0.78 0.00	10.32 0.48 0.00	13.37 0.60 0.00	16.46 0.69 0.00	17.18 0.73 0.00	17.12 0.75 0.00	19.54 0.86 0.00	23.21 1.09 0.00	27.27 1.34 0.00	20.35 1.02 0.00	20.42 1.04 0.00	20.52 1.29 0.00	19.53 1.19 0.00
ASHOKAN____ 23654	22.23 0.74 0.00	20.17 0.68 0.00	18.52 0.59 0.00	20.13 0.65 0.00	20.57 0.69 0.00	19.63 0.71 0.00	20.60 0.82 0.00	23.82 1.06 0.00	20.85 0.89 0.00	18.93 0.59 0.00	18.44 0.56 0.00	16.87 0.65 0.00	10.19 0.34 0.00	13.15 0.37 0.00	16.20 0.43 0.00	16.89 0.44 0.00	16.80 0.43 0.00	19.41 0.73 0.00	23.21 1.09 0.00	27.32 1.40 0.00	20.42 1.09 0.00	20.41 1.03 0.00	20.20 0.98 0.00	19.21 0.86 0.00
ASTORIA_EAST_ENERGY_CC1 323581	22.06 0.58 0.00	19.98 0.48 0.00	18.34 0.42 0.00	19.81 0.34 0.00	20.28 0.39 0.00	19.37 0.45 0.00	20.35 0.57 0.00	23.63 0.87 0.00	20.80 0.84 0.00	19.19 0.84 0.00	18.80 0.91 0.00	17.06 0.84 0.00	10.36 0.52 0.00	13.43 0.66 0.00	16.52 0.74 0.00	17.24 0.79 0.00	17.17 0.81 0.00	19.55 0.88 0.00	23.19 1.07 0.00	27.23 1.31 0.00	20.35 1.02 0.00	20.36 0.98 0.00	20.14 0.92 0.01	19.17 0.84 0.00
ASTORIA_EAST_ENERGY_CC2 323582	22.06 0.58 0.00	19.98 0.48 0.00	18.34 0.42 0.00	19.81 0.34 0.00	20.28 0.39 0.00	19.37 0.45 0.00	20.35 0.57 0.00	23.64 0.87 0.00	20.80 0.84 0.00	19.19 0.84 0.00	18.80 0.91 0.00	17.06 0.84 0.00	10.36 0.52 0.00	13.43 0.66 0.00	16.52 0.74 0.00	17.24 0.79 0.00	17.17 0.81 0.00	19.55 0.87 0.00	23.19 1.07 0.00	27.23 1.31 0.00	20.35 1.02 0.00	20.36 0.98 0.00	20.14 0.92 0.01	19.17 0.84 0.00
ASTORIA_GT2_1 24094	22.06 0.58 0.00	19.99 0.50 0.00	18.35 0.43 0.00	19.82 0.35 0.00	20.29 0.41 0.00	19.38 0.46 0.00	20.36 0.59 0.00	23.64 0.88 0.00	20.81 0.85 0.00	19.19 0.85 0.00	18.80 0.91 0.00	17.07 0.84 0.00	10.37 0.52 0.00	13.43 0.66 0.00	16.52 0.75 0.00	17.25 0.80 0.00	17.17 0.81 0.00	19.56 0.88 0.00	23.20 1.08 0.00	27.25 1.32 0.00	20.36 1.03 0.00	20.37 0.99 0.00	20.14 0.92 0.01	19.18 0.85 0.00
ASTORIA_GT2_2 24095	22.06 0.58 0.00	19.99 0.50 0.00	18.35 0.43 0.00	19.82 0.35 0.00	20.29 0.41 0.00	19.38 0.46 0.00	20.36 0.59 0.00	23.64 0.88 0.00	20.81 0.85 0.00	19.19 0.85 0.00	18.80 0.91 0.00	17.07 0.84 0.00	10.37 0.52 0.00	13.43 0.66 0.00	16.52 0.75 0.00	17.25 0.80 0.00	17.17 0.81 0.00	19.56 0.88 0.00	23.20 1.08 0.00	27.25 1.32 0.00	20.36 1.03 0.00	20.37 0.99 0.00	20.14 0.92 0.01	19.18 0.85 0.00
ASTORIA_GT2_3 24096	22.06 0.58 0.00	19.99 0.50 0.00	18.35 0.43 0.00	19.82 0.35 0.00	20.29 0.41 0.00	19.38 0.46 0.00	20.36 0.59 0.00	23.64 0.88 0.00	20.81 0.85 0.00	19.19 0.85 0.00	18.80 0.91 0.00	17.07 0.84 0.00	10.37 0.52 0.00	13.43 0.66 0.00	16.52 0.75 0.00	17.25 0.80 0.00	17.17 0.81 0.00	19.56 0.88 0.00	23.20 1.08 0.00	27.25 1.32 0.00	20.36 1.03 0.00	20.37 0.99 0.00	20.14 0.92 0.01	19.18 0.85 0.00
ASTORIA_GT2_4 24097	22.06 0.58 0.00	19.99 0.50 0.00	18.35 0.43 0.00	19.82 0.35 0.00	20.29 0.41 0.00	19.38 0.46 0.00	20.36 0.59 0.00	23.64 0.88 0.00	20.81 0.85 0.00	19.19 0.85 0.00	18.80 0.91 0.00	17.07 0.84 0.00	10.37 0.52 0.00	13.43 0.66 0.00	16.52 0.75 0.00	17.25 0.80 0.00	17.17 0.81 0.00	19.56 0.88 0.00	23.20 1.08 0.00	27.25 1.32 0.00	20.36 1.03 0.00	20.37 0.99 0.00	20.14 0.92 0.01	19.18 0.85 0.00
ASTORIA_GT3_1 24098	22.06 0.58 0.00	19.99 0.50 0.00	18.35 0.43 0.00	19.82 0.35 0.00	20.29 0.41 0.00	19.38 0.46 0.00	20.36 0.59 0.00	23.64 0.88 0.00	20.81 0.85 0.00	19.19 0.85 0.00	18.80 0.91 0.00	17.07 0.84 0.00	10.37 0.52 0.00	13.43 0.66 0.00	16.52 0.75 0.00	17.25 0.80 0.00	17.17 0.81 0.00	19.56 0.88 0.00	23.20 1.08 0.00	27.25 1.32 0.00	20.36 1.03 0.00	20.37 0.99 0.00	20.14 0.92 0.01	19.18 0.85 0.00
ASTORIA_GT3_2 24099	22.06 0.58 0.00	19.99 0.50 0.00	18.35 0.43 0.00	19.82 0.35 0.00	20.29 0.41 0.00	19.38 0.46 0.00	20.36 0.59 0.00	23.64 0.88 0.00	20.81 0.85 0.00	19.19 0.85 0.00	18.80 0.91 0.00	17.07 0.84 0.00	10.37 0.52 0.00	13.43 0.66 0.00	16.52 0.75 0.00	17.25 0.80 0.00	17.17 0.81 0.00	19.56 0.88 0.00	23.20 1.08 0.00	27.25 1.32 0.00	20.36 1.03 0.00	20.37 0.99 0.00	20.14 0.92 0.01	19.18 0.85 0.00
ASTORIA_GT3_3 24100	22.06 0.58 0.00	19.99 0.50 0.00	18.35 0.43 0.00	19.82 0.35 0.00	20.29 0.41 0.00	19.38 0.46 0.00	20.36 0.59 0.00	23.64 0.88 0.00	20.81 0.85 0.00	19.19 0.85 0.00	18.80 0.91 0.00	17.07 0.84 0.00	10.37 0.52 0.00	13.43 0.66 0.00	16.52 0.75 0.00	17.25 0.80 0.00	17.17 0.81 0.00	19.56 0.88 0.00	23.20 1.08 0.00	27.25 1.32 0.00	20.36 1.03 0.00	20.37 0.99 0.00	20.14 0.92 0.01	19.18 0.85 0.00
ASTORIA_GT3_4 24101	22.06 0.58 0.00	19.99 0.50 0.00	18.35 0.43 0.00	19.82 0.35 0.00	20.29 0.41 0.00	19.38 0.46 0.00	20.36 0.59 0.00	23.64 0.88 0.00	20.81 0.85 0.00	19.19 0.85 0.00	18.80 0.91 0.00	17.07 0.84 0.00	10.37 0.52 0.00	13.43 0.66 0.00	16.52 0.75 0.00	17.25 0.80 0.00	17.17 0.81 0.00	19.56 0.88 0.00	23.20 1.08 0.00	27.25 1.32 0.00	20.36 1.03 0.00	20.37 0.99 0.00	20.14 0.92 0.01	19.18 0.85 0.00
ASTORIA_GT4_1 24102	22.06 0.58 0.00	19.99 0.50 0.00	18.35 0.43 0.00	19.82 0.35 0.00	20.29 0.41 0.00	19.38 0.46 0.00	20.36 0.59 0.00	23.64 0.88 0.00	20.81 0.85 0.00	19.19 0.85 0.00	18.80 0.91 0.00	17.07 0.84 0.00	10.37 0.52 0.00	13.43 0.66 0.00	16.52 0.75 0.00	17.25 0.80 0.00	17.17 0.81 0.00	19.56 0.88 0.00	23.20 1.08 0.00	27.25 1.32 0.00	20.36 1.03 0.00	20.37 0.99 0.00	20.14 0.92 0.01	19.18 0.85 0.00
ASTORIA_GT4_2 24103	22.06 0.58 0.00	19.99 0.50 0.00	18.35 0.43 0.00	19.82 0.35 0.00	20.29 0.41 0.00	19.38 0.46 0.00	20.36 0.59 0.00	23.64 0.88 0.00	20.81 0.85 0.00	19.19 0.85 0.00	18.80 0.91 0.00	17.07 0.84 0.00	10.37 0.52 0.00	13.43 0.66 0.00	16.52 0.75 0.00	17.25 0.80 0.00	17.17 0.81 0.00	19.56 0.88 0.00	23.20 1.08 0.00	27.25 1.32 0.00	20.36 1.03 0.00	20.37 0.99 0.00	20.14 0.92 0.01	19.18 0.85 0.00
ASTORIA_GT4_3 24104	22.06 0.58 0.00	19.99 0.50 0.00	18.35 0.43 0.00	19.82 0.35 0.00	20.29 0.41 0.00	19.38 0.46 0.00	20.36 0.59 0.00	23.64 0.88 0.00	20.81 0.85 0.00	19.19 0.85 0.00	18.80 0.91 0.00	17.07 0.84 0.00	10.37 0.52 0.00	13.43 0.66 0.00	16.52 0.75 0.00	17.25 0.80 0.00	17.17 0.81 0.00	19.56 0.88 0.00	23.20 1.08 0.00	27.25 1.32 0.00	20.36 1.03 0.00	20.37 0.99 0.00	20.14 0.92 0.01	19.18 0.85 0.00

ASTORIA_GT4_4 24105	22.06 0.58 0.00	19.99 0.50 0.00	18.35 0.43 0.00	19.82 0.35 0.00	20.29 0.41 0.00	19.38 0.46 0.00	20.36 0.59 0.00	23.64 0.88 0.00	20.81 0.85 0.00	19.19 0.85 0.00	18.80 0.91 0.00	17.07 0.84 0.00	10.37 0.52 0.00	13.43 0.66 0.00	16.52 0.75 0.00	17.25 0.80 0.00	17.17 0.81 0.00	19.56 0.88 0.00	23.20 1.08 0.00	27.25 1.32 0.00	20.36 1.03 0.00	20.37 0.99 0.00	20.14 0.92 0.01	19.18 0.85 0.00
ASTORIA_GT_1 23523	22.10 0.62 0.00	20.02 0.53 0.00	18.38 0.46 0.00	19.85 0.37 0.00	20.32 0.43 0.00	19.41 0.49 0.00	20.39 0.61 0.00	23.68 0.92 0.00	20.84 0.88 0.00	19.23 0.88 0.00	18.84 0.95 0.00	17.10 0.88 0.00	10.38 0.54 0.00	13.46 0.69 0.00	16.55 0.78 0.00	17.28 0.83 0.00	17.20 0.84 0.00	19.60 0.91 0.00	23.25 1.13 0.00	27.29 1.37 0.00	20.40 1.07 0.00	20.41 1.03 0.00	20.18 0.96 0.01	19.22 0.88 0.00
ASTORIA_GT_10 24110	22.19 0.71 0.00	20.09 0.60 0.00	18.43 0.50 0.00	19.95 0.48 0.00	20.41 0.52 0.00	19.47 0.55 0.00	20.48 0.70 0.00	23.79 1.02 0.00	20.92 0.96 0.00	19.27 0.92 0.00	18.86 0.98 0.00	17.12 0.90 0.00	10.41 0.56 0.00	13.48 0.71 0.00	16.59 0.81 0.00	17.30 0.85 0.00	17.24 0.87 0.00	19.66 0.98 0.00	23.33 1.21 0.00	27.42 1.50 0.00	20.47 1.14 0.00	20.50 1.12 0.00	20.30 1.08 0.00	19.31 0.97 0.00
ASTORIA_GT_11 24225	22.19 0.71 0.00	20.09 0.60 0.00	18.43 0.50 0.00	19.95 0.48 0.00	20.41 0.52 0.00	19.47 0.55 0.00	20.48 0.70 0.00	23.79 1.02 0.00	20.92 0.96 0.00	19.27 0.92 0.00	18.86 0.98 0.00	17.12 0.90 0.00	10.41 0.56 0.00	13.48 0.71 0.00	16.59 0.81 0.00	17.30 0.85 0.00	17.24 0.87 0.00	19.66 0.98 0.00	23.33 1.21 0.00	27.42 1.50 0.00	20.47 1.14 0.00	20.50 1.12 0.00	20.30 1.08 0.00	19.31 0.97 0.00
ASTORIA_GT_12 24226	22.19 0.71 0.00	20.09 0.60 0.00	18.43 0.50 0.00	19.95 0.48 0.00	20.41 0.52 0.00	19.47 0.55 0.00	20.48 0.70 0.00	23.79 1.02 0.00	20.92 0.96 0.00	19.27 0.92 0.00	18.86 0.98 0.00	17.12 0.90 0.00	10.41 0.56 0.00	13.48 0.71 0.00	16.59 0.81 0.00	17.30 0.85 0.00	17.24 0.87 0.00	19.66 0.98 0.00	23.33 1.21 0.00	27.42 1.50 0.00	20.47 1.14 0.00	20.50 1.12 0.00	20.30 1.08 0.00	19.31 0.97 0.00
ASTORIA_GT_13 24227	22.19 0.71 0.00	20.09 0.60 0.00	18.43 0.50 0.00	19.95 0.48 0.00	20.41 0.52 0.00	19.47 0.55 0.00	20.48 0.70 0.00	23.79 1.02 0.00	20.92 0.96 0.00	19.27 0.92 0.00	18.86 0.98 0.00	17.12 0.90 0.00	10.41 0.56 0.00	13.48 0.71 0.00	16.59 0.81 0.00	17.30 0.85 0.00	17.24 0.87 0.00	19.66 0.98 0.00	23.33 1.21 0.00	27.42 1.50 0.00	20.47 1.14 0.00	20.50 1.12 0.00	20.30 1.08 0.00	19.31 0.97 0.00
ASTORIA_GT_5 24106	22.09 0.61 0.00	20.02 0.53 0.00	18.38 0.46 0.00	19.86 0.38 0.00	20.32 0.43 0.00	19.41 0.49 0.00	20.40 0.61 0.00	23.69 0.92 0.00	20.85 0.88 0.00	19.23 0.89 0.00	18.84 0.95 0.00	17.10 0.88 0.00	10.39 0.54 0.00	13.46 0.69 0.00	16.55 0.78 0.00	17.28 0.83 0.00	17.20 0.84 0.00	19.60 0.92 0.00	23.25 1.13 0.00	27.30 1.37 0.00	20.40 1.07 0.00	20.41 1.03 0.00	20.18 0.96 0.01	19.22 0.88 0.00
ASTORIA_GT_7 24107	22.09 0.61 0.00	20.02 0.53 0.00	18.38 0.46 0.00	19.86 0.38 0.00	20.32 0.43 0.00	19.41 0.49 0.00	20.40 0.61 0.00	23.69 0.92 0.00	20.85 0.88 0.00	19.23 0.89 0.00	18.84 0.95 0.00	17.10 0.88 0.00	10.39 0.54 0.00	13.46 0.69 0.00	16.55 0.78 0.00	17.28 0.83 0.00	17.20 0.84 0.00	19.60 0.92 0.00	23.25 1.13 0.00	27.30 1.37 0.00	20.40 1.07 0.00	20.41 1.03 0.00	20.18 0.96 0.01	19.22 0.88 0.00
ASTORIA_GT_8 24108	22.09 0.61 0.00	20.02 0.53 0.00	18.38 0.46 0.00	19.86 0.38 0.00	20.32 0.43 0.00	19.41 0.49 0.00	20.40 0.61 0.00	23.69 0.92 0.00	20.85 0.88 0.00	19.23 0.89 0.00	18.84 0.95 0.00	17.10 0.88 0.00	10.39 0.54 0.00	13.46 0.69 0.00	16.55 0.78 0.00	17.28 0.83 0.00	17.20 0.84 0.00	19.60 0.92 0.00	23.25 1.13 0.00	27.30 1.37 0.00	20.40 1.07 0.00	20.41 1.03 0.00	20.18 0.96 0.01	19.22 0.88 0.00
ASTORIA___2 24149	22.07 0.59 0.00	19.99 0.50 0.00	18.35 0.43 0.00	19.82 0.35 0.00	20.29 0.41 0.00	19.38 0.46 0.00	20.37 0.59 0.00	23.64 0.88 0.00	20.81 0.85 0.00	19.19 0.85 0.00	18.80 0.91 0.00	17.07 0.84 0.00	10.37 0.52 0.00	13.43 0.66 0.00	16.52 0.75 0.00	17.25 0.80 0.00	17.17 0.81 0.00	19.56 0.88 0.00	23.20 1.08 0.00	27.25 1.32 0.00	20.36 1.03 0.00	20.37 0.99 0.00	20.14 0.92 0.01	19.18 0.85 0.00
ASTORIA___3 23516	22.20 0.72 0.00	20.09 0.60 0.00	18.43 0.50 0.00	19.95 0.48 0.00	20.41 0.52 0.00	19.47 0.55 0.00	20.48 0.70 0.00	23.79 1.02 0.00	20.92 0.96 0.00	19.27 0.92 0.00	18.86 0.98 0.00	17.12 0.90 0.00	10.41 0.56 0.00	13.48 0.71 0.00	16.59 0.81 0.00	17.30 0.85 0.00	17.24 0.87 0.00	19.66 0.98 0.00	23.33 1.20 0.00	27.42 1.49 0.00	20.47 1.14 0.00	20.50 1.12 0.00	20.30 1.08 0.00	19.31 0.97 0.00
ASTORIA___4 23517	22.19 0.71 0.00	20.09 0.60 0.00	18.43 0.50 0.00	19.95 0.48 0.00	20.41 0.52 0.00	19.46 0.55 0.00	20.48 0.70 0.00	23.79 1.02 0.00	20.92 0.96 0.00	19.27 0.92 0.00	18.86 0.98 0.00	17.12 0.90 0.00	10.41 0.56 0.00	13.48 0.71 0.00	16.59 0.81 0.00	17.30 0.85 0.00	17.24 0.87 0.00	19.66 0.98 0.00	23.33 1.21 0.00	27.42 1.49 0.00	20.47 1.14 0.00	20.50 1.12 0.00	20.30 1.08 0.00	19.31 0.97 0.00
ASTORIA___5 23518	22.21 0.72 0.00	20.09 0.60 0.00	18.43 0.50 0.00	19.95 0.48 0.00	20.41 0.52 0.00	19.47 0.55 0.00	20.48 0.70 0.00	23.79 1.02 0.00	20.92 0.96 0.00	19.27 0.92 0.00	18.86 0.98 0.00	17.12 0.90 0.00	10.41 0.56 0.00	13.48 0.71 0.00	16.59 0.81 0.00	17.30 0.85 0.00	17.24 0.87 0.00	19.66 0.98 0.00	23.33 1.20 0.00	27.42 1.49 0.00	20.47 1.14 0.00	20.50 1.12 0.00	20.30 1.08 0.00	19.31 0.97 0.00
AST_ENERGY_2_CC3 323677	22.15 0.67 0.00	20.04 0.55 0.00	18.38 0.45 0.00	19.92 0.44 0.00	20.35 0.47 0.00	19.42 0.50 0.00	20.43 0.65 0.00	23.74 0.98 0.00	20.87 0.91 0.00	19.22 0.88 0.00	18.82 0.94 0.00	17.09 0.86 0.00	10.38 0.53 0.00	13.45 0.68 0.00	16.55 0.78 0.00	17.27 0.82 0.00	17.20 0.84 0.00	19.62 0.94 0.00	23.27 1.15 0.00	27.36 1.43 0.00	20.42 1.09 0.00	20.46 1.08 0.00	20.24 1.02 0.00	19.25 0.91 0.00
AST_ENERGY_2_CC4 323678	22.15 0.67 0.00	20.04 0.55 0.00	18.38 0.45 0.00	19.92 0.44 0.00	20.35 0.47 0.00	19.42 0.50 0.00	20.43 0.65 0.00	23.74 0.98 0.00	20.87 0.91 0.00	19.22 0.88 0.00	18.82 0.94 0.00	17.09 0.86 0.00	10.38 0.53 0.00	13.45 0.68 0.00	16.55 0.78 0.00	17.27 0.82 0.00	17.20 0.84 0.00	19.62 0.94 0.00	23.27 1.15 0.00	27.36 1.43 0.00	20.42 1.09 0.00	20.46 1.08 0.00	20.24 1.02 0.00	19.25 0.91 0.00

ATHENS_STG_1 23668	21.70 0.22 0.00	19.69 0.20 0.00	18.08 0.16 0.00	19.63 0.15 0.00	20.06 0.17 0.00	19.12 0.20 0.00	20.05 0.27 0.00	23.18 0.42 0.00	20.34 0.38 0.00	18.67 0.33 0.00	18.27 0.38 0.00	16.59 0.37 0.00	10.08 0.23 0.00	13.09 0.32 0.00	16.14 0.37 0.00	16.84 0.39 0.00	16.74 0.37 0.00	19.13 0.45 0.00	22.69 0.57 0.00	26.59 0.66 0.00	19.85 0.52 0.00	19.88 0.51 0.00	19.71 0.49 0.00	18.78 0.43 0.00
ATHENS_STG_2 23670	21.70 0.22 0.00	19.69 0.20 0.00	18.08 0.16 0.00	19.63 0.15 0.00	20.06 0.17 0.00	19.12 0.20 0.00	20.05 0.27 0.00	23.18 0.42 0.00	20.34 0.38 0.00	18.67 0.33 0.00	18.27 0.38 0.00	16.59 0.37 0.00	10.08 0.23 0.00	13.09 0.32 0.00	16.14 0.37 0.00	16.84 0.39 0.00	16.74 0.37 0.00	19.13 0.45 0.00	22.69 0.57 0.00	26.59 0.66 0.00	19.85 0.52 0.00	19.88 0.51 0.00	19.71 0.49 0.00	18.78 0.43 0.00
ATHENS_STG_3 23677	21.70 0.22 0.00	19.69 0.20 0.00	18.08 0.16 0.00	19.63 0.15 0.00	20.06 0.17 0.00	19.12 0.20 0.00	20.05 0.27 0.00	23.18 0.42 0.00	20.34 0.38 0.00	18.67 0.33 0.00	18.27 0.38 0.00	16.59 0.37 0.00	10.08 0.23 0.00	13.09 0.32 0.00	16.14 0.37 0.00	16.84 0.39 0.00	16.74 0.37 0.00	19.13 0.45 0.00	22.69 0.57 0.00	26.59 0.66 0.00	19.85 0.52 0.00	19.88 0.51 0.00	19.71 0.49 0.00	18.78 0.43 0.00
AUBURN___LFGE 323710	21.70 0.22 0.00	19.70 0.21 0.00	18.15 0.22 0.00	19.69 0.21 0.00	20.12 0.24 0.00	19.10 0.18 0.00	19.93 0.16 0.00	22.95 0.19 0.00	20.05 0.09 0.00	18.41 0.06 0.00	17.94 0.05 0.00	16.28 0.06 0.00	9.84 -0.01 0.00	12.65 -0.13 0.00	15.58 -0.20 0.00	16.32 -0.13 0.00	16.30 -0.06 0.00	18.53 -0.15 0.00	22.07 -0.05 0.00	25.98 0.05 0.00	19.29 -0.04 0.00	19.33 -0.05 0.00	19.18 -0.04 0.00	18.36 0.02 0.00
BABYLON_RES_REC 323704	22.18 0.70 0.00	20.10 0.61 0.00	18.48 0.56 0.00	20.01 0.54 0.00	20.43 0.55 0.00	19.47 0.55 0.00	20.53 0.75 0.00	23.95 1.19 0.00	20.95 0.99 0.00	19.27 0.92 0.00	18.89 1.00 0.00	17.15 0.93 0.00	10.39 0.54 0.00	13.50 0.73 0.00	16.62 0.84 0.00	17.30 0.85 0.00	17.32 0.96 0.00	19.72 1.04 0.00	23.37 1.24 0.00	27.51 1.59 0.00	20.53 1.20 0.00	20.60 1.22 0.00	20.39 1.17 0.00	19.46 1.12 0.00
BABYLON__69_KV_BK2 356345	22.34 0.86 0.00	20.26 0.77 0.00	18.63 0.71 0.00	20.18 0.70 0.00	20.60 0.72 0.00	19.63 0.71 0.00	20.71 0.93 0.00	24.19 1.42 0.00	21.14 1.18 0.00	19.45 1.11 0.00	19.06 1.17 0.00	17.31 1.09 0.00	10.47 0.62 0.00	13.61 0.84 0.00	16.75 0.98 0.00	17.44 0.99 0.00	17.48 1.11 0.00	19.88 1.20 0.00	23.56 1.44 0.00	27.76 1.84 0.00	20.72 1.39 0.00	20.79 1.42 0.00	20.58 1.35 0.00	19.64 1.30 0.00
BALL_HILL_WT_PWR 323825	20.98 -0.50 0.00	19.07 -0.42 0.00	17.70 -0.23 0.00	19.35 -0.13 0.00	19.67 -0.21 0.00	18.61 -0.31 0.00	19.39 -0.39 0.00	21.87 -0.89 0.00	19.13 -0.83 0.00	17.67 -0.67 0.00	17.25 -0.64 0.00	15.53 -0.69 0.00	9.33 -0.52 0.00	12.04 -0.73 0.00	14.76 -1.01 0.00	15.37 -1.08 0.00	15.22 -1.15 0.00	17.11 -1.57 0.00	20.20 -1.92 0.00	23.88 -2.05 0.00	17.74 -1.59 0.00	17.77 -1.60 0.00	17.88 -1.35 0.00	17.26 -1.08 0.00
BARON_WINDS___WT_PWR 323822	21.38 -0.10 0.00	19.41 -0.08 0.00	17.82 -0.11 0.00	19.48 0.00 0.00	19.92 0.03 0.00	18.95 0.03 0.00	19.94 0.16 0.00	22.86 0.10 0.00	19.95 -0.01 0.00	18.19 -0.15 0.00	17.79 -0.10 0.00	15.98 -0.25 0.00	9.55 -0.30 0.00	12.18 -0.60 0.00	15.04 -0.73 0.00	15.79 -0.67 0.00	15.72 -0.64 0.00	17.94 -0.74 0.00	21.47 -0.65 0.00	25.35 -0.58 0.00	18.79 -0.54 0.00	18.54 -0.83 0.00	18.41 -0.81 0.00	17.64 -0.70 0.00
BARRETT_IC_1 23704	22.10 0.62 0.00	20.01 0.52 0.00	18.37 0.45 0.00	19.91 0.43 0.00	20.34 0.45 0.00	19.40 0.48 0.00	20.44 0.66 0.00	23.77 1.01 0.00	20.82 0.86 0.00	19.15 0.81 0.00	18.82 0.93 0.00	17.09 0.87 0.00	10.36 0.51 0.00	13.48 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.29 0.93 0.00	19.69 1.01 0.00	23.24 1.12 0.00	27.31 1.38 0.00	20.40 1.07 0.00	20.47 1.09 0.00	20.31 1.08 0.00	19.38 1.03 -0.01
BARRETT_IC_10 23701	22.10 0.62 0.00	20.01 0.52 0.00	18.37 0.45 0.00	19.91 0.43 0.00	20.34 0.45 0.00	19.40 0.48 0.00	20.44 0.66 0.00	23.77 1.01 0.00	20.82 0.86 0.00	19.15 0.81 0.00	18.82 0.93 0.00	17.09 0.87 0.00	10.36 0.51 0.00	13.48 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.29 0.93 0.00	19.69 1.01 0.00	23.24 1.12 0.00	27.31 1.38 0.00	20.40 1.07 0.00	20.47 1.09 0.00	20.31 1.08 0.00	19.38 1.03 -0.01
BARRETT_IC_11 23702	22.10 0.62 0.00	20.01 0.52 0.00	18.37 0.45 0.00	19.91 0.43 0.00	20.34 0.45 0.00	19.40 0.48 0.00	20.44 0.66 0.00	23.77 1.01 0.00	20.82 0.86 0.00	19.15 0.81 0.00	18.82 0.93 0.00	17.09 0.87 0.00	10.36 0.51 0.00	13.48 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.29 0.93 0.00	19.69 1.01 0.00	23.24 1.12 0.00	27.31 1.38 0.00	20.40 1.07 0.00	20.47 1.09 0.00	20.31 1.08 0.00	19.38 1.03 -0.01
BARRETT_IC_12 23703	22.10 0.62 0.00	20.01 0.52 0.00	18.37 0.45 0.00	19.91 0.43 0.00	20.34 0.45 0.00	19.40 0.48 0.00	20.44 0.66 0.00	23.77 1.01 0.00	20.82 0.86 0.00	19.15 0.81 0.00	18.82 0.93 0.00	17.09 0.87 0.00	10.36 0.51 0.00	13.48 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.29 0.93 0.00	19.69 1.01 0.00	23.24 1.12 0.00	27.31 1.38 0.00	20.40 1.07 0.00	20.47 1.09 0.00	20.31 1.08 0.00	19.38 1.03 -0.01
BARRETT_IC_2 23705	22.10 0.62 0.00	20.01 0.52 0.00	18.37 0.45 0.00	19.91 0.43 0.00	20.34 0.45 0.00	19.40 0.48 0.00	20.44 0.66 0.00	23.77 1.01 0.00	20.82 0.86 0.00	19.15 0.81 0.00	18.82 0.93 0.00	17.09 0.87 0.00	10.36 0.51 0.00	13.48 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.29 0.93 0.00	19.69 1.01 0.00	23.24 1.12 0.00	27.31 1.38 0.00	20.40 1.07 0.00	20.47 1.09 0.00	20.31 1.08 0.00	19.38 1.03 -0.01
BARRETT_IC_3 23706	22.10 0.62 0.00	20.01 0.52 0.00	18.37 0.45 0.00	19.91 0.43 0.00	20.34 0.45 0.00	19.40 0.48 0.00	20.44 0.66 0.00	23.77 1.01 0.00	20.82 0.86 0.00	19.15 0.81 0.00	18.82 0.93 0.00	17.09 0.87 0.00	10.36 0.51 0.00	13.48 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.29 0.93 0.00	19.69 1.01 0.00	23.24 1.12 0.00	27.31 1.38 0.00	20.40 1.07 0.00	20.47 1.09 0.00	20.31 1.08 0.00	19.38 1.03 -0.01
BARRETT_IC_4 23707	22.10 0.62 0.00	20.01 0.52 0.00	18.37 0.45 0.00	19.91 0.43 0.00	20.34 0.45 0.00	19.40 0.48 0.00	20.44 0.66 0.00	23.77 1.01 0.00	20.82 0.86 0.00	19.15 0.81 0.00	18.82 0.93 0.00	17.09 0.87 0.00	10.36 0.51 0.00	13.48 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.29 0.93 0.00	19.69 1.01 0.00	23.24 1.12 0.00	27.31 1.38 0.00	20.40 1.07 0.00	20.47 1.09 0.00	20.31 1.08 0.00	19.38 1.03 -0.01

BARRETT_IC_5 23708	22.10 0.62 0.00	20.01 0.52 0.00	18.37 0.45 0.00	19.91 0.43 0.00	20.34 0.45 0.00	19.40 0.48 0.00	20.44 0.66 0.00	23.77 1.01 0.00	20.82 0.86 0.00	19.15 0.81 0.00	18.82 0.93 0.00	17.09 0.87 0.00	10.36 0.51 0.00	13.48 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.29 0.93 0.00	19.69 1.01 0.00	23.24 1.12 0.00	27.31 1.38 0.00	20.40 1.07 0.00	20.47 1.09 0.00	20.31 1.08 0.00	19.38 1.03 -0.01
BARRETT_IC_6 23709	22.10 0.62 0.00	20.01 0.52 0.00	18.37 0.45 0.00	19.91 0.43 0.00	20.34 0.45 0.00	19.40 0.48 0.00	20.44 0.66 0.00	23.77 1.01 0.00	20.82 0.86 0.00	19.15 0.81 0.00	18.82 0.93 0.00	17.09 0.87 0.00	10.36 0.51 0.00	13.48 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.29 0.93 0.00	19.69 1.01 0.00	23.24 1.12 0.00	27.31 1.38 0.00	20.40 1.07 0.00	20.47 1.09 0.00	20.31 1.08 0.00	19.38 1.03 -0.01
BARRETT_IC_7 23710	22.09 0.60 0.00	20.01 0.52 0.00	18.37 0.45 0.00	19.91 0.43 0.00	20.33 0.45 0.00	19.40 0.48 0.00	20.44 0.66 0.00	23.77 1.01 0.00	20.82 0.86 0.00	19.16 0.81 0.00	18.82 0.93 0.00	17.09 0.87 0.00	10.36 0.51 0.00	13.48 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.29 0.93 0.00	19.70 1.01 0.00	23.24 1.12 0.00	27.31 1.38 0.00	20.40 1.07 0.00	20.47 1.09 0.00	20.31 1.08 0.00	19.38 1.03 -0.01
BARRETT_IC_8 23711	22.10 0.62 0.00	20.01 0.52 0.00	18.37 0.45 0.00	19.91 0.43 0.00	20.34 0.45 0.00	19.40 0.48 0.00	20.44 0.66 0.00	23.77 1.01 0.00	20.82 0.86 0.00	19.15 0.81 0.00	18.82 0.93 0.00	17.09 0.87 0.00	10.36 0.51 0.00	13.48 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.29 0.93 0.00	19.69 1.01 0.00	23.24 1.12 0.00	27.31 1.38 0.00	20.40 1.07 0.00	20.47 1.09 0.00	20.31 1.08 0.00	19.38 1.03 -0.01
BARRETT_IC_9 23700	22.10 0.62 0.00	20.01 0.52 0.00	18.37 0.45 0.00	19.91 0.43 0.00	20.34 0.45 0.00	19.40 0.48 0.00	20.44 0.66 0.00	23.77 1.01 0.00	20.82 0.86 0.00	19.15 0.81 0.00	18.82 0.93 0.00	17.09 0.87 0.00	10.36 0.51 0.00	13.48 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.29 0.93 0.00	19.69 1.01 0.00	23.24 1.12 0.00	27.31 1.38 0.00	20.40 1.07 0.00	20.47 1.09 0.00	20.31 1.08 0.00	19.38 1.03 -0.01
BARRETT___1 23545	22.10 0.62 0.00	20.01 0.52 0.00	18.37 0.45 0.00	19.91 0.43 0.00	20.34 0.45 0.00	19.40 0.48 0.00	20.44 0.66 0.00	23.77 1.01 0.00	20.82 0.86 0.00	19.15 0.81 0.00	18.82 0.93 0.00	17.09 0.87 0.00	10.36 0.51 0.00	13.48 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.29 0.93 0.00	19.69 1.01 0.00	23.24 1.12 0.00	27.31 1.38 0.00	20.40 1.07 0.00	20.47 1.09 0.00	20.31 1.08 0.00	19.38 1.03 -0.01
BARRETT___2 23546	22.10 0.62 0.00	20.01 0.52 0.00	18.37 0.45 0.00	19.91 0.43 0.00	20.34 0.45 0.00	19.40 0.48 0.00	20.44 0.66 0.00	23.77 1.01 0.00	20.82 0.86 0.00	19.15 0.81 0.00	18.82 0.93 0.00	17.09 0.87 0.00	10.36 0.51 0.00	13.48 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.29 0.93 0.00	19.69 1.01 0.00	23.24 1.12 0.00	27.31 1.38 0.00	20.40 1.07 0.00	20.47 1.09 0.00	20.31 1.08 0.00	19.38 1.03 -0.01
BATAVIA___115KV_TB1 55881	21.17 -0.31 0.00	19.23 -0.26 0.00	17.81 -0.11 0.00	19.43 -0.05 0.00	19.81 -0.08 0.00	18.75 -0.17 0.00	19.51 -0.27 0.00	21.97 -0.80 0.00	19.28 -0.68 0.00	17.81 -0.53 0.00	17.31 -0.57 0.00	15.63 -0.59 0.00	9.35 -0.50 0.00	12.02 -0.75 0.00	14.67 -1.10 0.00	15.39 -1.07 0.00	15.38 -0.99 0.00	17.42 -1.27 0.00	20.49 -1.63 0.00	24.31 -1.62 0.00	18.11 -1.22 0.00	18.15 -1.23 0.00	18.12 -1.10 0.00	17.56 -0.78 0.00
BAYONEEC___CTG1 323682	22.13 0.65 0.00	20.02 0.53 0.00	18.35 0.43 0.00	19.90 0.42 0.00	20.33 0.45 0.00	19.40 0.48 0.00	20.40 0.62 0.00	23.71 0.95 0.00	20.85 0.89 0.00	19.19 0.85 0.00	18.80 0.91 0.00	17.06 0.84 0.00	10.36 0.52 0.00	13.43 0.66 0.00	16.54 0.76 0.00	17.25 0.79 0.00	17.19 0.82 0.00	19.60 0.92 0.00	23.24 1.12 0.00	27.33 1.40 0.00	20.40 1.07 0.00	20.44 1.06 0.00	20.22 1.00 0.00	19.23 0.89 0.00
BAYONEEC___CTG10 323750	22.13 0.65 0.00	20.02 0.53 0.00	18.35 0.43 0.00	19.90 0.42 0.00	20.33 0.45 0.00	19.40 0.48 0.00	20.40 0.62 0.00	23.71 0.95 0.00	20.85 0.89 0.00	19.19 0.85 0.00	18.80 0.91 0.00	17.06 0.84 0.00	10.36 0.52 0.00	13.43 0.66 0.00	16.54 0.76 0.00	17.25 0.79 0.00	17.19 0.82 0.00	19.60 0.92 0.00	23.24 1.12 0.00	27.33 1.40 0.00	20.40 1.07 0.00	20.44 1.06 0.00	20.22 1.00 0.00	19.23 0.89 0.00
BAYONEEC___CTG2 323683	22.13 0.65 0.00	20.02 0.53 0.00	18.35 0.43 0.00	19.90 0.42 0.00	20.33 0.45 0.00	19.40 0.48 0.00	20.40 0.62 0.00	23.71 0.95 0.00	20.85 0.89 0.00	19.19 0.85 0.00	18.80 0.91 0.00	17.06 0.84 0.00	10.36 0.52 0.00	13.43 0.66 0.00	16.54 0.76 0.00	17.25 0.79 0.00	17.19 0.82 0.00	19.60 0.92 0.00	23.24 1.12 0.00	27.33 1.40 0.00	20.40 1.07 0.00	20.44 1.06 0.00	20.22 1.00 0.00	19.23 0.89 0.00
BAYONEEC___CTG3 323684	22.13 0.65 0.00	20.02 0.53 0.00	18.35 0.43 0.00	19.90 0.42 0.00	20.33 0.45 0.00	19.40 0.48 0.00	20.40 0.62 0.00	23.71 0.95 0.00	20.85 0.89 0.00	19.19 0.85 0.00	18.80 0.91 0.00	17.06 0.84 0.00	10.36 0.52 0.00	13.43 0.66 0.00	16.54 0.76 0.00	17.25 0.79 0.00	17.19 0.82 0.00	19.60 0.92 0.00	23.24 1.12 0.00	27.33 1.40 0.00	20.40 1.07 0.00	20.44 1.06 0.00	20.22 1.00 0.00	19.23 0.89 0.00
BAYONEEC___CTG4 323685	22.13 0.65 0.00	20.02 0.53 0.00	18.35 0.43 0.00	19.90 0.42 0.00	20.33 0.45 0.00	19.40 0.48 0.00	20.40 0.62 0.00	23.71 0.95 0.00	20.85 0.89 0.00	19.19 0.85 0.00	18.80 0.91 0.00	17.06 0.84 0.00	10.36 0.52 0.00	13.43 0.66 0.00	16.54 0.76 0.00	17.25 0.79 0.00	17.19 0.82 0.00	19.60 0.92 0.00	23.24 1.12 0.00	27.33 1.40 0.00	20.40 1.07 0.00	20.44 1.06 0.00	20.22 1.00 0.00	19.23 0.89 0.00
BAYONEEC___CTG5 323686	22.13 0.65 0.00	20.02 0.53 0.00	18.35 0.43 0.00	19.90 0.42 0.00	20.33 0.45 0.00	19.40 0.48 0.00	20.40 0.62 0.00	23.71 0.95 0.00	20.85 0.89 0.00	19.19 0.85 0.00	18.80 0.91 0.00	17.06 0.84 0.00	10.36 0.52 0.00	13.43 0.66 0.00	16.54 0.76 0.00	17.25 0.79 0.00	17.19 0.82 0.00	19.60 0.92 0.00	23.24 1.12 0.00	27.33 1.40 0.00	20.40 1.07 0.00	20.44 1.06 0.00	20.22 1.00 0.00	19.23 0.89 0.00
BAYONEEC___CTG6 323687	22.13 0.65 0.00	20.02 0.53 0.00	18.35 0.43 0.00	19.90 0.42 0.00	20.33 0.45 0.00	19.40 0.48 0.00	20.40 0.62 0.00	23.71 0.95 0.00	20.85 0.89 0.00	19.19 0.85 0.00	18.80 0.91 0.00	17.06 0.84 0.00	10.36 0.52 0.00	13.43 0.66 0.00	16.54 0.76 0.00	17.25 0.79 0.00	17.19 0.82 0.00	19.60 0.92 0.00	23.24 1.12 0.00	27.33 1.40 0.00	20.40 1.07 0.00	20.44 1.06 0.00	20.22 1.00 0.00	19.23 0.89 0.00

BAYONEEC___CTG7 323688	22.13 0.65 0.00	20.02 0.53 0.00	18.35 0.43 0.00	19.90 0.42 0.00	20.33 0.45 0.00	19.40 0.48 0.00	20.40 0.62 0.00	23.71 0.95 0.00	20.85 0.89 0.00	19.19 0.85 0.00	18.80 0.91 0.00	17.06 0.84 0.00	10.36 0.52 0.00	13.43 0.66 0.00	16.54 0.76 0.00	17.25 0.79 0.00	17.19 0.82 0.00	19.60 0.92 0.00	23.24 1.12 0.00	27.33 1.40 0.00	20.40 1.07 0.00	20.44 1.06 0.00	20.22 1.00 0.00	19.23 0.89 0.00
BAYONEEC___CTG8 323689	22.13 0.65 0.00	20.02 0.53 0.00	18.35 0.43 0.00	19.90 0.42 0.00	20.33 0.45 0.00	19.40 0.48 0.00	20.40 0.62 0.00	23.71 0.95 0.00	20.85 0.89 0.00	19.19 0.85 0.00	18.80 0.91 0.00	17.06 0.84 0.00	10.36 0.52 0.00	13.43 0.66 0.00	16.54 0.76 0.00	17.25 0.79 0.00	17.19 0.82 0.00	19.60 0.92 0.00	23.24 1.12 0.00	27.33 1.40 0.00	20.40 1.07 0.00	20.44 1.06 0.00	20.22 1.00 0.00	19.23 0.89 0.00
BAYONEEC___CTG9 323749	22.13 0.65 0.00	20.02 0.53 0.00	18.35 0.43 0.00	19.90 0.42 0.00	20.33 0.45 0.00	19.40 0.48 0.00	20.40 0.62 0.00	23.71 0.95 0.00	20.85 0.89 0.00	19.19 0.85 0.00	18.80 0.91 0.00	17.06 0.84 0.00	10.36 0.52 0.00	13.43 0.66 0.00	16.54 0.76 0.00	17.25 0.79 0.00	17.19 0.82 0.00	19.60 0.92 0.00	23.24 1.12 0.00	27.33 1.40 0.00	20.40 1.07 0.00	20.44 1.06 0.00	20.22 1.00 0.00	19.23 0.89 0.00
BEACON___LESR 323632	21.95 0.47 0.00	19.91 0.42 0.00	18.30 0.37 0.00	19.88 0.40 0.00	20.31 0.43 0.00	19.35 0.44 0.00	20.30 0.52 0.00	23.46 0.70 0.00	20.54 0.58 0.00	18.82 0.47 0.00	18.38 0.49 0.00	16.72 0.50 0.00	10.14 0.29 0.00	13.19 0.41 0.00	16.24 0.47 0.00	16.95 0.50 0.00	16.85 0.49 0.00	19.31 0.63 0.00	22.93 0.81 0.00	26.80 0.87 0.00	20.03 0.70 0.00	20.06 0.69 0.00	19.92 0.70 0.00	18.94 0.59 0.00
BEAVER RIVER___HYD 24048	20.78 -0.70 0.00	19.18 -0.32 0.00	17.70 -0.22 0.00	19.33 -0.14 0.00	19.76 -0.13 0.00	18.84 -0.08 0.00	19.72 -0.06 0.00	22.71 -0.05 0.00	19.85 -0.11 0.00	18.14 -0.20 0.00	17.53 -0.36 0.00	15.83 -0.39 0.00	9.67 -0.18 0.00	12.60 -0.17 0.00	15.56 -0.21 0.00	16.10 -0.35 0.00	16.09 -0.28 0.00	18.56 -0.12 0.00	22.06 -0.06 0.00	25.96 0.03 0.00	19.23 -0.10 0.00	19.05 -0.33 0.00	18.96 -0.27 0.00	17.95 -0.40 0.00
BEEBEE_GT_13 23619	21.09 -0.39 0.00	19.16 -0.34 0.00	17.70 -0.22 0.00	19.27 -0.21 0.00	19.65 -0.24 0.00	18.63 -0.29 0.00	19.42 -0.36 0.00	22.06 -0.71 0.00	19.35 -0.61 0.00	17.86 -0.49 0.00	17.38 -0.50 0.00	15.72 -0.50 0.00	9.48 -0.37 0.00	12.21 -0.56 0.00	15.00 -0.77 0.00	15.67 -0.78 0.00	15.62 -0.74 0.00	17.71 -0.97 0.00	20.88 -1.24 0.00	24.65 -1.27 0.00	18.38 -0.95 0.00	18.41 -0.97 0.00	18.34 -0.88 0.00	17.66 -0.68 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.31 0.83 0.00	20.19 0.70 0.00	18.51 0.59 0.00	20.05 0.58 0.00	20.51 0.62 0.00	19.56 0.64 0.00	20.58 0.81 0.00	23.92 1.16 0.00	21.04 1.08 0.00	19.38 1.03 0.00	18.97 1.08 0.00	17.21 0.99 0.00	10.46 0.61 0.00	13.55 0.78 0.00	16.67 0.89 0.00	17.39 0.94 0.00	17.33 0.97 0.00	19.78 1.10 0.00	23.47 1.35 0.00	27.59 1.67 0.00	20.60 1.27 0.00	20.63 1.25 0.00	20.47 1.25 0.00	19.47 1.13 0.00
BETHLEHEM___GRP 23843	21.76 0.28 0.00	19.78 0.28 0.00	18.16 0.24 0.00	19.74 0.26 0.00	20.16 0.28 0.00	19.21 0.29 0.00	20.11 0.32 0.00	23.21 0.44 0.00	20.35 0.39 0.00	18.65 0.31 0.00	18.23 0.34 0.00	16.58 0.36 0.00	10.06 0.22 0.00	13.09 0.32 0.00	16.15 0.38 0.00	16.85 0.40 0.00	16.74 0.38 0.00	19.14 0.47 0.00	22.70 0.58 0.00	26.57 0.64 0.00	19.86 0.52 0.00	19.88 0.50 0.00	19.73 0.50 0.00	18.80 0.45 0.00
BETHLEHEM___GS1 323560	21.77 0.28 0.00	19.78 0.28 0.00	18.16 0.24 0.00	19.74 0.26 0.00	20.16 0.28 0.00	19.21 0.29 0.00	20.11 0.33 0.00	23.21 0.44 0.00	20.35 0.40 0.00	18.65 0.30 0.00	18.23 0.34 0.00	16.58 0.36 0.00	10.06 0.22 0.00	13.09 0.32 0.00	16.15 0.38 0.00	16.85 0.40 0.00	16.74 0.37 0.00	19.15 0.47 0.00	22.70 0.58 0.00	26.56 0.64 0.00	19.86 0.52 0.00	19.88 0.50 0.00	19.73 0.50 0.00	18.79 0.45 0.00
BETHLEHEM___GS2 323561	21.77 0.28 0.00	19.78 0.28 0.00	18.16 0.24 0.00	19.74 0.26 0.00	20.16 0.28 0.00	19.21 0.29 0.00	20.11 0.33 0.00	23.21 0.44 0.00	20.35 0.40 0.00	18.65 0.30 0.00	18.23 0.34 0.00	16.58 0.36 0.00	10.06 0.22 0.00	13.09 0.32 0.00	16.15 0.38 0.00	16.85 0.40 0.00	16.74 0.37 0.00	19.15 0.47 0.00	22.70 0.58 0.00	26.56 0.64 0.00	19.86 0.52 0.00	19.88 0.50 0.00	19.73 0.50 0.00	18.79 0.45 0.00
BETHLEHEM___GS3 323562	21.77 0.28 0.00	19.78 0.28 0.00	18.16 0.24 0.00	19.74 0.26 0.00	20.16 0.28 0.00	19.21 0.29 0.00	20.11 0.33 0.00	23.21 0.44 0.00	20.35 0.40 0.00	18.65 0.30 0.00	18.23 0.34 0.00	16.58 0.36 0.00	10.06 0.22 0.00	13.09 0.32 0.00	16.15 0.38 0.00	16.85 0.40 0.00	16.74 0.37 0.00	19.15 0.47 0.00	22.70 0.58 0.00	26.56 0.64 0.00	19.86 0.52 0.00	19.88 0.50 0.00	19.73 0.50 0.00	18.79 0.45 0.00
BETHLEHEM___STEEL 23779	21.06 -0.43 0.00	19.11 -0.38 0.00	17.72 -0.20 0.00	19.35 -0.13 0.00	19.71 -0.17 0.00	18.65 -0.27 0.00	19.40 -0.38 0.00	21.81 -0.95 0.00	19.09 -0.87 0.00	17.64 -0.70 0.00	17.21 -0.68 0.00	15.57 -0.66 0.00	9.36 -0.48 0.00	12.04 -0.74 0.00	14.74 -1.03 0.00	15.38 -1.07 0.00	15.26 -1.10 0.00	17.16 -1.52 0.00	20.18 -1.94 0.00	23.91 -2.01 0.00	17.82 -1.52 0.00	17.84 -1.53 0.00	17.87 -1.35 0.00	17.34 -1.00 0.00
BETHLHEM_115KV_TB1 79974	21.74 0.26 0.00	19.76 0.27 0.00	18.15 0.23 0.00	19.72 0.24 0.00	20.14 0.26 0.00	19.19 0.28 0.00	20.09 0.31 0.00	23.19 0.42 0.00	20.34 0.38 0.00	18.64 0.30 0.00	18.22 0.34 0.00	16.57 0.35 0.00	10.06 0.21 0.00	13.08 0.31 0.00	16.14 0.36 0.00	16.83 0.38 0.00	16.73 0.36 0.00	19.13 0.45 0.00	22.68 0.55 0.00	26.54 0.61 0.00	19.83 0.50 0.00	19.86 0.48 0.00	19.71 0.48 0.00	18.78 0.43 0.00
BETHPAGE_CC_5 323564	22.18 0.70 0.00	20.09 0.60 0.00	18.46 0.54 0.00	20.00 0.52 0.00	20.43 0.55 0.00	19.47 0.55 0.00	20.52 0.74 0.00	23.92 1.16 0.00	20.93 0.97 0.00	19.26 0.91 0.00	18.90 1.01 0.00	17.17 0.95 0.00	10.40 0.56 0.00	13.51 0.74 0.00	16.63 0.86 0.00	17.34 0.88 0.00	17.34 0.97 0.00	19.74 1.05 0.00	23.35 1.22 0.00	27.47 1.55 0.00	20.51 1.18 0.00	20.56 1.18 0.00	20.36 1.14 0.00	19.42 1.08 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.18 -0.31 0.00	19.21 -0.28 0.00	17.81 -0.11 0.00	19.45 -0.02 0.00	19.83 -0.05 0.00	18.75 -0.17 0.00	19.52 -0.25 0.00	21.95 -0.81 0.00	19.22 -0.74 0.00	17.77 -0.58 0.00	17.33 -0.56 0.00	15.67 -0.55 0.00	9.43 -0.42 0.00	12.12 -0.66 0.00	14.84 -0.93 0.00	15.49 -0.96 0.00	15.37 -0.99 0.00	17.29 -1.39 0.00	20.33 -1.79 0.00	24.09 -1.83 0.00	17.95 -1.39 0.00	17.97 -1.40 0.00	17.99 -1.23 0.00	17.44 -0.90 0.00

BINGHAMTON___COGEN 23790	21.53 0.05 0.00	19.49 -0.01 0.00	17.93 0.01 0.00	19.53 0.06 0.00	19.92 0.03 0.00	18.94 0.02 0.00	19.84 0.06 0.00	22.78 0.02 0.00	19.95 -0.01 0.00	18.34 -0.01 0.00	17.91 0.03 0.00	16.19 -0.03 0.00	9.78 -0.06 0.00	12.66 -0.11 0.00	15.62 -0.15 0.00	16.29 -0.16 0.00	16.22 -0.14 0.00	18.45 -0.23 0.00	21.92 -0.20 0.00	25.78 -0.15 0.00	19.20 -0.13 0.00	19.21 -0.16 0.00	19.08 -0.14 0.00	18.21 -0.13 0.00
BIXINCNT_115KV_LOAD 355685	21.36 -0.12 0.00	19.19 -0.30 0.00	17.83 -0.09 0.00	19.66 0.19 0.00	20.13 0.25 0.00	19.08 0.16 0.00	19.89 0.11 0.00	22.46 -0.30 0.00	19.58 -0.38 0.00	18.10 -0.24 0.00	17.66 -0.23 0.00	15.95 -0.28 0.00	9.52 -0.32 0.00	12.19 -0.59 0.00	14.97 -0.80 0.00	15.73 -0.72 0.00	15.58 -0.79 0.00	17.58 -1.10 0.00	20.69 -1.43 0.00	24.57 -1.36 0.00	18.22 -1.11 0.00	18.21 -1.17 0.00	18.02 -1.20 0.00	17.48 -0.86 0.00
BLACK RIVER___HYD 24047	20.70 -0.78 0.00	19.16 -0.34 0.00	17.69 -0.24 0.00	19.35 -0.13 0.00	19.73 -0.15 0.00	18.84 -0.08 0.00	19.72 -0.06 0.00	22.71 -0.06 0.00	19.84 -0.12 0.00	18.09 -0.25 0.00	17.42 -0.47 0.00	15.78 -0.45 0.00	9.64 -0.21 0.00	12.59 -0.18 0.00	15.52 -0.25 0.00	15.98 -0.48 0.00	16.00 -0.37 0.00	18.53 -0.16 0.00	22.03 -0.09 0.00	25.98 0.05 0.00	19.23 -0.10 0.00	18.98 -0.39 0.00	18.92 -0.30 0.00	17.93 -0.41 0.00
BLACKRVR_115KV_TB2 79977	20.70 -0.78 0.00	19.16 -0.34 0.00	17.69 -0.24 0.00	19.34 -0.14 0.00	19.74 -0.14 0.00	18.84 -0.08 0.00	19.72 -0.06 0.00	22.71 -0.06 0.00	19.84 -0.12 0.00	18.09 -0.25 0.00	17.42 -0.47 0.00	15.78 -0.45 0.00	9.64 -0.21 0.00	12.59 -0.18 0.00	15.52 -0.25 0.00	15.98 -0.48 0.00	16.00 -0.37 0.00	18.53 -0.16 0.00	22.03 -0.09 0.00	25.97 0.05 0.00	19.23 -0.10 0.00	18.98 -0.39 0.00	18.92 -0.30 0.00	17.93 -0.41 0.00
BLISS_WT_PWR 323608	21.22 -0.26 0.00	19.07 -0.42 0.00	17.74 -0.18 0.00	19.61 0.14 0.00	20.08 0.20 0.00	19.06 0.14 0.00	19.87 0.09 0.00	22.45 -0.31 0.00	19.55 -0.41 0.00	18.08 -0.27 0.00	17.64 -0.25 0.00	15.94 -0.29 0.00	9.50 -0.35 0.00	12.13 -0.65 0.00	14.90 -0.87 0.00	15.69 -0.76 0.00	15.52 -0.85 0.00	17.54 -1.14 0.00	20.65 -1.47 0.00	24.54 -1.39 0.00	18.18 -1.16 0.00	18.15 -1.22 0.00	17.90 -1.33 0.00	17.38 -0.96 0.00
BLUESTONE___WT_PWR 323821	22.26 0.78 0.00	19.93 0.44 0.00	18.57 0.64 0.00	19.94 0.46 0.00	20.55 0.67 0.00	19.69 0.78 0.00	20.61 0.83 0.00	23.70 0.94 0.00	20.84 0.88 0.00	19.24 0.89 0.00	18.81 0.92 0.00	17.00 0.77 0.00	10.18 0.33 0.00	13.03 0.26 0.00	15.89 0.12 0.00	16.54 0.09 0.00	16.62 0.26 0.00	18.85 0.17 0.00	22.74 0.61 0.00	26.68 0.75 0.00	19.55 0.22 0.00	19.58 0.20 0.00	19.47 0.25 0.00	18.49 0.14 0.00
BLUE_CIRC_CHEM_DRP 24182	21.83 0.35 0.00	19.84 0.35 0.00	18.23 0.31 0.00	19.81 0.33 0.00	20.24 0.36 0.00	19.28 0.36 0.00	20.17 0.39 0.00	23.25 0.49 0.00	20.33 0.37 0.00	18.57 0.22 0.00	18.20 0.31 0.00	16.55 0.33 0.00	10.04 0.19 0.00	13.05 0.27 0.00	16.09 0.32 0.00	16.79 0.34 0.00	16.65 0.28 0.00	19.12 0.44 0.00	22.69 0.57 0.00	26.59 0.66 0.00	19.87 0.54 0.00	19.90 0.52 0.00	19.74 0.52 0.00	18.81 0.47 0.00
BOC_GAS_DRP 24189	21.66 0.18 0.00	19.67 0.18 0.00	18.07 0.15 0.00	19.64 0.16 0.00	20.06 0.17 0.00	19.11 0.19 0.00	20.01 0.23 0.00	23.08 0.32 0.00	20.25 0.29 0.00	18.57 0.23 0.00	18.15 0.27 0.00	16.50 0.27 0.00	10.01 0.17 0.00	13.02 0.24 0.00	16.06 0.29 0.00	16.76 0.30 0.00	16.64 0.28 0.00	19.02 0.34 0.00	22.55 0.43 0.00	26.41 0.48 0.00	19.73 0.40 0.00	19.76 0.38 0.00	19.60 0.37 0.00	18.68 0.34 0.00
BOONVILLE_115KV_TB1 79983	21.48 0.00 0.00	19.64 0.14 0.00	18.08 0.16 0.00	19.70 0.22 0.00	20.12 0.24 0.00	19.17 0.25 0.00	20.07 0.29 0.00	23.12 0.36 0.00	20.25 0.29 0.00	18.57 0.23 0.00	18.07 0.18 0.00	16.32 0.10 0.00	9.91 0.07 0.00	12.87 0.10 0.00	15.87 0.09 0.00	16.51 0.06 0.00	16.43 0.07 0.00	18.90 0.22 0.00	22.47 0.35 0.00	26.40 0.48 0.00	19.63 0.29 0.00	19.55 0.17 0.00	19.40 0.18 0.00	18.43 0.09 0.00
BORALEX_4TH_BRANCH 23824	21.58 0.09 0.00	19.64 0.14 0.00	18.03 0.10 0.00	19.59 0.12 0.00	20.02 0.14 0.00	19.09 0.17 0.00	20.01 0.23 0.00	23.09 0.32 0.00	20.24 0.28 0.00	18.51 0.17 0.00	18.05 0.16 0.00	16.44 0.21 0.00	9.98 0.14 0.00	13.07 0.29 0.00	16.13 0.37 0.00	16.84 0.39 0.00	16.67 0.30 0.00	19.12 0.44 0.00	22.67 0.56 0.00	26.44 0.51 0.00	19.81 0.48 0.00	19.84 0.46 0.00	19.67 0.45 0.00	18.73 0.39 0.00
BOWLINE___1 23526	21.98 0.50 0.00	19.89 0.40 0.00	18.23 0.31 0.00	19.80 0.32 0.00	20.24 0.35 0.00	19.28 0.36 0.00	20.28 0.50 0.00	23.55 0.79 0.00	20.68 0.73 0.00	19.00 0.66 0.00	18.61 0.72 0.00	16.88 0.65 0.00	10.25 0.40 0.00	13.28 0.51 0.00	16.36 0.59 0.00	17.07 0.61 0.00	17.00 0.64 0.00	19.42 0.74 0.00	23.05 0.93 0.00	27.06 1.13 0.00	20.18 0.85 0.00	20.23 0.86 0.00	20.04 0.81 0.00	19.08 0.74 0.00
BOWLINE___2 23595	21.98 0.50 0.00	19.89 0.40 0.00	18.23 0.31 0.00	19.80 0.32 0.00	20.24 0.35 0.00	19.28 0.36 0.00	20.28 0.50 0.00	23.55 0.79 0.00	20.68 0.73 0.00	19.00 0.66 0.00	18.61 0.73 0.00	16.88 0.65 0.00	10.25 0.40 0.00	13.29 0.51 0.00	16.36 0.59 0.00	17.07 0.61 0.00	17.00 0.64 0.00	19.42 0.74 0.00	23.05 0.93 0.00	27.06 1.13 0.00	20.18 0.85 0.00	20.23 0.86 0.00	20.04 0.81 0.00	19.08 0.74 0.00
BRADY___115KV_TB2 356060	21.68 0.19 0.00	19.64 0.15 0.00	18.06 0.14 0.00	19.63 0.15 0.00	20.03 0.15 0.00	19.06 0.14 0.00	19.97 0.19 0.00	22.96 0.20 0.00	20.08 0.12 0.00	18.37 0.02 0.00	17.77 -0.11 0.00	16.13 -0.09 0.00	9.82 -0.03 0.00	12.75 -0.02 0.00	15.86 0.09 0.00	16.57 0.12 0.00	16.53 0.17 0.00	18.88 0.20 0.00	22.31 0.19 0.00	26.11 0.18 0.00	19.38 0.04 0.00	19.47 0.09 0.00	19.32 0.09 0.00	18.38 0.04 0.00
BRANSCOMB___SOLAR 323811	21.87 0.38 0.00	19.88 0.39 0.00	18.27 0.34 0.00	19.85 0.37 0.00	20.29 0.40 0.00	19.34 0.42 0.00	20.27 0.49 0.00	23.39 0.63 0.00	20.49 0.53 0.00	18.74 0.39 0.00	18.25 0.36 0.00	16.55 0.32 0.00	10.06 0.21 0.00	13.11 0.34 0.00	16.17 0.40 0.00	16.87 0.42 0.00	16.78 0.42 0.00	19.28 0.60 0.00	22.91 0.79 0.00	26.78 0.85 0.00	20.01 0.68 0.00	20.03 0.66 0.00	19.87 0.64 0.00	18.91 0.56 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	22.27 0.78 0.00	20.20 0.70 0.00	18.57 0.65 0.00	20.12 0.64 0.00	20.54 0.65 0.00	19.57 0.65 0.00	20.64 0.86 0.00	24.11 1.35 0.00	21.06 1.10 0.00	19.39 1.04 0.00	19.01 1.12 0.00	17.28 1.06 0.00	10.46 0.61 0.00	13.59 0.82 0.00	16.73 0.96 0.00	17.41 0.96 0.00	17.44 1.07 0.00	19.82 1.14 0.00	23.45 1.33 0.00	27.63 1.70 0.00	20.62 1.29 0.00	20.70 1.32 0.00	20.49 1.27 0.00	19.57 1.23 0.00

BRISTLHL_115KV_TB1 79998	21.19 -0.29 0.00	19.24 -0.25 0.00	17.71 -0.21 0.00	19.27 -0.21 0.00	19.64 -0.24 0.00	18.69 -0.22 0.00	19.48 -0.31 0.00	22.35 -0.41 0.00	19.62 -0.34 0.00	18.05 -0.29 0.00	17.62 -0.27 0.00	15.97 -0.25 0.00	9.67 -0.17 0.00	12.50 -0.27 0.00	15.41 -0.36 0.00	16.04 -0.42 0.00	15.98 -0.38 0.00	18.28 -0.40 0.00	21.62 -0.50 0.00	25.40 -0.53 0.00	18.95 -0.38 0.00	18.96 -0.42 0.00	18.80 -0.42 0.00	17.98 -0.36 0.00
BROOKHAVEN___DRP 24191	21.99 0.51 0.00	19.96 0.47 0.00	18.44 0.51 0.00	19.95 0.48 0.00	20.35 0.47 0.00	19.40 0.48 0.00	20.48 0.70 0.00	24.07 1.31 0.00	20.94 0.98 0.00	19.34 0.99 0.00	18.94 1.05 0.00	17.21 0.98 0.00	10.40 0.55 0.00	13.51 0.74 0.00	16.65 0.88 0.00	17.31 0.85 0.00	17.37 1.00 0.00	19.61 0.93 0.00	23.22 1.10 0.00	27.43 1.51 0.00	20.47 1.14 0.00	20.57 1.20 0.00	20.35 1.13 0.00	19.45 1.11 0.00
BROOKLYN_NAVY_YARD 23515	22.12 0.64 0.00	20.00 0.51 0.00	18.34 0.42 0.00	19.87 0.39 0.00	20.31 0.43 0.00	19.38 0.46 0.00	20.39 0.61 0.00	23.69 0.93 0.00	20.83 0.87 0.00	19.19 0.84 0.00	18.79 0.90 0.00	17.06 0.84 0.00	10.36 0.52 0.00	13.43 0.66 0.00	16.52 0.75 0.00	17.23 0.78 0.00	17.17 0.80 0.00	19.59 0.91 0.00	23.22 1.10 0.00	27.30 1.38 0.00	20.38 1.05 0.00	20.42 1.04 0.00	20.22 1.00 0.00	19.21 0.87 0.00
BROOKLYN___ARMY_DRP 323595	22.20 0.72 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.81 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.87 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
BROOKVLE_69_KV_TB1 55790	22.25 0.77 0.00	20.16 0.67 0.00	18.51 0.58 0.00	20.06 0.58 0.00	20.49 0.61 0.00	19.53 0.61 0.00	20.58 0.80 0.00	23.97 1.21 0.00	21.00 1.04 0.00	19.32 0.98 0.00	18.95 1.07 0.00	17.22 1.00 0.00	10.44 0.59 0.00	13.57 0.80 0.00	16.71 0.93 0.00	17.41 0.96 0.00	17.41 1.04 0.00	19.84 1.16 0.00	23.48 1.36 0.00	27.60 1.67 0.00	20.61 1.28 0.00	20.66 1.28 0.00	20.46 1.23 0.00	19.50 1.16 0.00
BROOME_2_LFGE 323671	21.52 0.04 0.00	19.49 -0.01 0.00	17.93 0.01 0.00	19.53 0.05 0.00	19.91 0.03 0.00	18.94 0.02 0.00	19.84 0.06 0.00	22.78 0.02 0.00	19.95 -0.01 0.00	18.34 -0.01 0.00	17.91 0.02 0.00	16.19 -0.03 0.00	9.78 -0.06 0.00	12.66 0.00 0.00	15.62 -0.15 0.00	16.29 -0.16 0.00	16.22 -0.15 0.00	18.44 -0.24 0.00	21.92 -0.20 0.00	25.78 -0.15 0.00	19.20 -0.13 0.00	19.22 -0.16 0.00	19.08 -0.14 0.00	18.21 -0.14 0.00
BROOME___LFGE 323600	21.52 0.04 0.00	19.49 -0.01 0.00	17.93 0.01 0.00	19.53 0.05 0.00	19.91 0.03 0.00	18.94 0.02 0.00	19.84 0.06 0.00	22.78 0.02 0.00	19.95 -0.01 0.00	18.34 -0.01 0.00	17.91 0.02 0.00	16.19 -0.03 0.00	9.78 -0.06 0.00	12.66 -0.11 0.00	15.62 -0.15 0.00	16.29 -0.16 0.00	16.22 -0.15 0.00	18.44 -0.24 0.00	21.92 -0.20 0.00	25.78 -0.15 0.00	19.20 -0.13 0.00	19.22 -0.16 0.00	19.08 -0.14 0.00	18.21 -0.14 0.00
BROWNFLS_115KV_TB 3_5 80003	20.69 -0.79 0.00	18.96 -0.54 0.00	17.48 -0.45 0.00	19.04 -0.43 0.00	19.45 -0.43 0.00	18.53 -0.38 0.00	19.41 -0.37 0.00	22.35 -0.41 0.00	19.54 -0.42 0.00	17.89 -0.46 0.00	17.30 -0.59 0.00	15.65 -0.58 0.00	9.54 -0.30 0.00	12.42 -0.35 0.00	15.38 -0.40 0.00	15.96 -0.49 0.00	15.95 -0.42 0.00	18.33 -0.35 0.00	21.74 -0.38 0.00	25.51 -0.42 0.00	18.91 -0.42 0.00	18.84 -0.54 0.00	18.71 -0.51 0.00	17.75 -0.59 0.00
BROWNSV1_27_KV_LOAD 356125	22.32 0.84 0.00	20.20 0.70 0.00	18.52 0.59 0.00	20.07 0.59 0.00	20.51 0.62 0.00	19.55 0.63 0.00	20.58 0.80 0.00	23.92 1.16 0.00	21.03 1.07 0.00	19.37 1.03 0.00	18.97 1.09 0.00	17.22 1.00 0.00	10.46 0.61 0.00	13.56 0.78 0.00	16.69 0.92 0.00	17.40 0.95 0.00	17.34 0.97 0.00	19.78 1.10 0.00	23.47 1.34 0.00	27.59 1.66 0.00	20.59 1.26 0.00	20.63 1.25 0.00	20.41 1.19 0.00	19.41 1.07 0.00
BURROWS___LYONSDAL 23803	21.29 -0.19 0.00	19.52 0.03 0.00	18.00 0.07 0.00	19.62 0.14 0.00	20.05 0.17 0.00	19.11 0.19 0.00	20.00 0.22 0.00	23.04 0.27 0.00	20.16 0.20 0.00	18.48 0.13 0.00	17.95 0.06 0.00	16.20 -0.02 0.00	9.85 0.01 0.00	12.81 0.04 0.00	15.80 0.03 0.00	16.42 -0.03 0.00	16.35 -0.01 0.00	18.83 0.15 0.00	22.39 0.27 0.00	26.31 0.39 0.00	19.54 0.21 0.00	19.43 0.05 0.00	19.30 0.07 0.00	18.31 -0.03 0.00
CAITHNESS_CC_1 323624	22.01 0.53 0.00	19.97 0.48 0.00	18.43 0.50 0.00	19.94 0.47 0.00	20.35 0.47 0.00	19.39 0.47 0.00	20.47 0.69 0.00	24.02 1.25 0.00	20.91 0.96 0.00	19.30 0.95 0.00	18.91 1.03 0.00	17.18 0.96 0.00	10.39 0.54 0.00	13.50 0.73 0.00	16.63 0.86 0.00	17.29 0.84 0.00	17.35 0.99 0.00	19.61 0.93 0.00	23.21 1.09 0.00	27.40 1.48 0.00	20.45 1.12 0.00	20.55 1.18 0.00	20.33 1.11 0.00	19.43 1.09 0.00
CALPINE BETH_PAGE_GT4 24209	22.16 0.67 0.00	20.08 0.59 0.00	18.44 0.52 0.00	19.98 0.51 0.00	20.41 0.53 0.00	19.45 0.54 0.00	20.51 0.73 0.00	23.90 1.14 0.00	20.92 0.96 0.00	19.24 0.90 0.00	18.88 0.99 0.00	17.15 0.93 0.00	10.39 0.55 0.00	13.50 0.73 0.00	16.62 0.85 0.00	17.33 0.88 0.00	17.32 0.96 0.00	19.71 1.03 0.00	23.31 1.19 0.00	27.42 1.50 0.00	20.47 1.14 0.00	20.53 1.15 0.00	20.32 1.10 0.00	19.39 1.04 0.00
CALPINE_BETH_PAGE_GT_4 323586	22.17 0.69 0.00	20.08 0.59 0.00	18.44 0.52 0.00	19.98 0.51 0.00	20.42 0.53 0.00	19.45 0.54 0.00	20.51 0.73 0.00	23.90 1.14 0.00	20.92 0.96 0.00	19.24 0.90 0.00	18.88 0.99 0.00	17.15 0.93 0.00	10.39 0.55 0.00	13.50 0.73 0.00	16.62 0.85 0.00	17.33 0.88 0.00	17.32 0.96 0.00	19.71 1.03 0.00	23.31 1.19 0.00	27.42 1.49 0.00	20.47 1.14 0.00	20.53 1.15 0.00	20.32 1.10 0.00	19.38 1.04 0.00
CALPINE_BP_GT1 23823	22.17 0.69 0.00	20.08 0.59 0.00	18.44 0.52 0.00	19.98 0.51 0.00	20.42 0.53 0.00	19.45 0.54 0.00	20.51 0.73 0.00	23.90 1.14 0.00	20.92 0.96 0.00	19.24 0.90 0.00	18.88 0.99 0.00	17.15 0.93 0.00	10.39 0.55 0.00	13.50 0.73 0.00	16.62 0.85 0.00	17.33 0.88 0.00	17.32 0.96 0.00	19.71 1.03 0.00	23.31 1.19 0.00	27.42 1.49 0.00	20.47 1.14 0.00	20.53 1.15 0.00	20.32 1.10 0.00	19.38 1.04 0.00
CALSPAN___DRP 24200	21.06 -0.43 0.00	19.11 -0.38 0.00	17.72 -0.20 0.00	19.35 -0.13 0.00	19.71 -0.17 0.00	18.65 -0.27 0.00	19.40 -0.38 0.00	21.81 -0.95 0.00	19.09 -0.87 0.00	17.64 -0.70 0.00	17.21 -0.68 0.00	15.57 -0.66 0.00	9.36 -0.48 0.00	12.04 -0.74 0.00	14.74 -1.03 0.00	15.38 -1.07 0.00	15.26 -1.10 0.00	17.16 -1.52 0.00	20.18 -1.94 0.00	23.91 -2.01 0.00	17.82 -1.52 0.00	17.84 -1.53 0.00	17.87 -1.35 0.00	17.34 -1.00 0.00

CALVERTON___SOLAR 323806	22.02 0.54 0.00	19.98 0.49 0.00	18.46 0.54 0.00	19.98 0.51 0.00	20.40 0.51 0.00	19.43 0.52 0.00	20.53 0.75 0.00	24.14 1.38 0.00	20.98 1.02 0.00	19.38 1.04 0.00	18.96 1.08 0.00	17.23 1.01 0.00	10.41 0.56 0.00	13.53 0.76 0.00	16.67 0.90 0.00	17.32 0.87 0.00	17.39 1.03 0.00	19.61 0.93 0.00	23.24 1.12 0.00	27.47 1.54 0.00	20.49 1.16 0.00	20.60 1.22 0.00	20.37 1.15 0.00	19.47 1.13 0.00
CANDIGU_WT_PWR 323617	21.38 -0.10 0.00	19.41 -0.08 0.00	17.82 -0.11 0.00	19.48 0.00 0.00	19.92 0.03 0.00	18.95 0.03 0.00	19.94 0.16 0.00	22.86 0.10 0.00	19.95 -0.01 0.00	18.19 -0.15 0.00	17.79 -0.10 0.00	15.98 -0.25 0.00	9.55 -0.30 0.00	12.18 -0.60 0.00	15.04 -0.73 0.00	15.79 -0.67 0.00	15.72 -0.64 0.00	17.94 -0.74 0.00	21.47 -0.65 0.00	25.35 -0.58 0.00	18.79 -0.54 0.00	18.54 -0.83 0.00	18.41 -0.81 0.00	17.64 -0.70 0.00
CARR STREET_E_SYR 24060	21.35 -0.13 0.00	19.38 -0.11 0.00	17.84 -0.08 0.00	19.41 -0.07 0.00	19.79 -0.10 0.00	18.82 -0.10 0.00	19.63 -0.15 0.00	22.52 -0.24 0.00	19.76 -0.20 0.00	18.18 -0.17 0.00	17.73 -0.15 0.00	16.07 -0.15 0.00	9.74 -0.11 0.00	12.60 -0.18 0.00	15.52 -0.25 0.00	16.19 -0.27 0.00	16.12 -0.25 0.00	18.39 -0.29 0.00	21.77 -0.35 0.00	25.58 -0.35 0.00	19.08 -0.25 0.00	19.09 -0.28 0.00	18.95 -0.28 0.00	18.12 -0.23 0.00
CARTHAGE___PAPER 23857	20.86 -0.62 0.00	19.28 -0.22 0.00	17.80 -0.12 0.00	19.44 -0.03 0.00	19.87 -0.01 0.00	18.95 0.03 0.00	19.84 0.06 0.00	22.85 0.09 0.00	19.97 0.00 0.00	18.22 -0.12 0.00	17.57 -0.32 0.00	15.89 -0.33 0.00	9.71 -0.14 0.00	12.68 -0.09 0.00	15.64 -0.13 0.00	16.15 -0.30 0.00	16.14 -0.22 0.00	18.67 -0.01 0.00	22.21 0.08 0.00	26.15 0.22 0.00	19.37 0.03 0.00	19.15 -0.23 0.00	19.07 -0.15 0.00	18.06 -0.29 0.00
CASSADAGA_WT_PWR 323784	21.33 -0.15 0.00	19.43 -0.07 0.00	18.12 0.20 0.00	19.83 0.35 0.00	20.13 0.25 0.00	19.02 0.10 0.00	19.86 0.08 0.00	22.39 -0.38 0.00	19.60 -0.36 0.00	18.11 -0.24 0.00	17.65 -0.23 0.00	15.73 -0.49 0.00	9.38 -0.46 0.00	12.20 -0.57 0.00	14.97 -0.81 0.00	15.43 -1.02 0.00	15.17 -1.19 0.00	17.10 -1.58 0.00	20.29 -1.83 0.00	23.86 -2.06 0.00	17.67 -1.66 0.00	17.64 -1.73 0.00	17.97 -1.25 0.00	17.46 -0.89 0.00
CE_DUNWOOD___DRP 24194	22.03 0.55 0.00	19.95 0.46 0.00	18.30 0.37 0.00	19.85 0.37 0.00	20.29 0.41 0.00	19.34 0.42 0.00	20.34 0.56 0.00	23.62 0.85 0.00	20.75 0.79 0.00	19.08 0.73 0.00	18.69 0.80 0.00	16.96 0.74 0.00	10.30 0.46 0.00	13.36 0.58 0.00	16.45 0.68 0.00	17.16 0.71 0.00	17.09 0.73 0.00	19.52 0.84 0.00	23.15 1.03 0.00	27.17 1.25 0.00	20.28 0.94 0.00	20.32 0.94 0.00	20.12 0.90 0.00	19.16 0.81 0.00
CE_MILLWOOD___DRP 24193	22.00 0.52 0.00	19.93 0.44 0.00	18.28 0.35 0.00	19.83 0.35 0.00	20.27 0.39 0.00	19.32 0.40 0.00	20.32 0.54 0.00	23.59 0.83 0.00	20.72 0.76 0.00	19.05 0.70 0.00	18.66 0.77 0.00	16.94 0.71 0.00	10.28 0.44 0.00	13.33 0.56 0.00	16.42 0.65 0.00	17.13 0.67 0.00	17.06 0.70 0.00	19.48 0.80 0.00	23.11 0.99 0.00	27.13 1.21 0.00	20.24 0.91 0.00	20.29 0.91 0.00	20.09 0.87 0.00	19.12 0.78 0.00
CE_NYC2_DRP 24202	22.19 0.71 0.00	20.09 0.60 0.00	18.42 0.50 0.00	19.95 0.48 0.00	20.40 0.52 0.00	19.46 0.55 0.00	20.48 0.70 0.00	23.79 1.02 0.00	20.92 0.96 0.00	19.26 0.92 0.00	18.86 0.97 0.00	17.12 0.90 0.00	10.41 0.56 0.00	13.48 0.71 0.00	16.59 0.81 0.00	17.30 0.85 0.00	17.24 0.87 0.00	19.66 0.98 0.00	23.32 1.20 0.00	27.42 1.49 0.00	20.47 1.14 0.00	20.50 1.12 0.00	20.30 1.08 0.00	19.31 0.97 0.00
CE_NYC_DRP 24195	22.14 0.66 0.00	20.04 0.55 0.00	18.37 0.45 0.00	19.91 0.44 0.00	20.35 0.47 0.00	19.41 0.49 0.00	20.42 0.64 0.00	23.73 0.97 0.00	20.87 0.91 0.00	19.22 0.87 0.00	18.82 0.94 0.00	17.09 0.86 0.00	10.38 0.54 0.00	13.45 0.68 0.00	16.55 0.78 0.00	17.27 0.82 0.00	17.20 0.84 0.00	19.62 0.94 0.00	23.27 1.15 0.00	27.36 1.43 0.00	20.42 1.09 0.00	20.46 1.08 0.00	20.24 1.02 0.00	19.25 0.91 0.00
CHAFFEE___LFGE 323603	21.09 -0.39 0.00	19.18 -0.31 0.00	17.78 -0.14 0.00	19.40 -0.07 0.00	19.76 -0.13 0.00	18.70 -0.21 0.00	19.47 -0.31 0.00	21.89 -0.87 0.00	19.18 -0.79 0.00	17.73 -0.62 0.00	17.29 -0.60 0.00	15.64 -0.58 0.00	9.41 -0.44 0.00	12.09 -0.68 0.00	14.81 -0.96 0.00	15.46 -0.99 0.00	15.35 -1.02 0.00	17.26 -1.42 0.00	20.30 -1.83 0.00	24.06 -1.87 0.00	17.93 -1.41 0.00	17.94 -1.43 0.00	17.97 -1.26 0.00	17.42 -0.92 0.00
CHATEAUG_35_KV_LOAD 355732	21.76 0.28 0.00	19.75 0.26 0.00	18.11 0.18 0.00	19.65 0.18 0.00	20.12 0.23 0.00	19.09 0.17 0.00	19.99 0.21 0.00	23.04 0.27 0.00	20.17 0.21 0.00	18.49 0.14 0.00	17.84 -0.05 0.00	16.13 -0.10 0.00	9.81 -0.03 0.00	12.81 0.04 0.00	15.87 0.09 0.00	16.56 0.11 0.00	16.52 0.15 0.00	18.92 0.23 0.00	22.43 0.30 0.00	26.11 0.19 0.00	19.30 -0.03 0.00	19.44 0.06 0.00	19.29 0.06 0.00	18.32 -0.02 0.00
CHATEAUG_WT_PWR 323614	21.76 0.28 0.00	19.79 0.30 0.00	18.13 0.21 0.00	19.67 0.20 0.00	20.15 0.27 0.00	19.12 0.20 0.00	20.02 0.24 0.00	23.07 0.31 0.00	20.20 0.24 0.00	18.50 0.16 0.00	17.85 -0.04 0.00	16.14 -0.08 0.00	9.81 -0.03 0.00	12.82 0.05 0.00	15.90 0.12 0.00	16.59 0.14 0.00	16.54 0.17 0.00	18.95 0.27 0.00	22.48 0.36 0.00	26.17 0.24 0.00	19.29 -0.04 0.00	19.46 0.08 0.00	19.30 0.07 0.00	18.32 -0.02 0.00
CHAT_HIGH_FALL_HYD 323578	21.76 0.28 0.00	19.75 0.26 0.00	18.11 0.18 0.00	19.65 0.18 0.00	20.12 0.23 0.00	19.09 0.17 0.00	19.99 0.21 0.00	23.04 0.27 0.00	20.17 0.21 0.00	18.49 0.14 0.00	17.84 -0.05 0.00	16.13 -0.10 0.00	9.81 -0.03 0.00	12.81 0.04 0.00	15.87 0.09 0.00	16.56 0.11 0.00	16.52 0.15 0.00	18.92 0.23 0.00	22.43 0.30 0.00	26.11 0.19 0.00	19.30 -0.03 0.00	19.44 0.06 0.00	19.29 0.06 0.00	18.32 -0.02 0.00
CHAUTAUQUA___LFGE 323629	21.08 -0.40 0.00	19.16 -0.33 0.00	17.82 -0.10 0.00	19.49 0.02 0.00	19.79 -0.09 0.00	18.72 -0.20 0.00	19.52 -0.26 0.00	22.01 -0.75 0.00	19.27 -0.69 0.00	17.79 -0.55 0.00	17.35 -0.54 0.00	15.59 -0.63 0.00	9.34 -0.51 0.00	12.08 -0.69 0.00	14.81 -0.96 0.00	15.38 -1.08 0.00	15.19 -1.17 0.00	17.10 -1.58 0.00	20.22 -1.90 0.00	23.89 -2.03 0.00	17.74 -1.60 0.00	17.76 -1.62 0.00	17.93 -1.30 0.00	17.31 -1.03 0.00
CHERRYST_13_KV_LD 356241	22.19 0.71 0.00	20.09 0.59 0.00	18.41 0.49 0.00	19.96 0.48 0.00	20.40 0.52 0.00	19.45 0.54 0.00	20.48 0.70 0.00	23.79 1.03 0.00	20.91 0.95 0.00	19.27 0.92 0.00	18.87 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.72 0.00	16.60 0.83 0.00	17.32 0.87 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.34 1.21 0.00	27.43 1.51 0.00	20.47 1.14 0.00	20.50 1.13 0.00	20.29 1.07 0.00	19.29 0.95 0.00

CHESTROR_138KV_BK263 355645	21.87 0.40 0.00	19.82 0.33 0.00	18.18 0.25 0.00	19.74 0.26 0.00	20.17 0.29 0.00	19.22 0.30 0.00	20.20 0.42 0.00	23.42 0.65 0.00	20.55 0.59 0.00	18.87 0.53 0.00	18.47 0.58 0.00	16.76 0.53 0.00	10.18 0.33 0.00	13.18 0.41 0.00	16.24 0.46 0.00	16.94 0.48 0.00	16.87 0.51 0.00	19.28 0.60 0.00	22.89 0.77 0.00	26.87 0.95 0.00	20.05 0.72 0.00	20.10 0.72 0.00	19.91 0.69 0.00	18.97 0.62 0.00
CH_MIDHUDSON___DRP 24192	21.94 0.46 0.00	19.90 0.41 0.00	18.26 0.34 0.00	19.82 0.35 0.00	20.26 0.38 0.00	19.32 0.40 0.00	20.30 0.52 0.00	23.52 0.75 0.00	20.65 0.69 0.00	18.95 0.61 0.00	18.56 0.67 0.00	16.86 0.64 0.00	10.24 0.39 0.00	13.29 0.52 0.00	16.36 0.58 0.00	17.06 0.61 0.00	16.99 0.62 0.00	19.43 0.75 0.00	23.06 0.94 0.00	27.06 1.13 0.00	20.19 0.86 0.00	20.23 0.85 0.00	20.03 0.81 0.00	19.07 0.73 0.00
CH_MISC_IPPS 23765	22.09 0.61 0.00	20.02 0.53 0.00	18.36 0.44 0.00	19.93 0.46 0.00	20.38 0.49 0.00	19.43 0.51 0.00	20.42 0.64 0.00	23.67 0.91 0.00	20.77 0.81 0.00	19.07 0.73 0.00	18.67 0.79 0.00	16.95 0.73 0.00	10.29 0.45 0.00	13.34 0.56 0.00	16.42 0.65 0.00	17.13 0.68 0.00	17.07 0.71 0.00	19.53 0.85 0.00	23.19 1.07 0.00	27.22 1.30 0.00	20.31 0.98 0.00	20.35 0.97 0.00	20.15 0.92 0.00	19.18 0.84 0.00
CH_RES_BVR_FALLS 23983	21.28 -0.20 0.00	19.35 -0.14 0.00	17.84 -0.08 0.00	19.43 -0.05 0.00	19.84 -0.04 0.00	18.88 -0.04 0.00	19.74 -0.04 0.00	22.69 -0.08 0.00	19.85 -0.11 0.00	18.24 -0.10 0.00	17.74 -0.15 0.00	16.05 -0.18 0.00	9.78 -0.07 0.00	12.70 -0.07 0.00	15.71 -0.06 0.00	16.39 -0.06 0.00	16.32 -0.05 0.00	18.63 -0.05 0.00	22.04 -0.08 0.00	25.79 -0.13 0.00	19.17 -0.17 0.00	19.19 -0.18 0.00	19.04 -0.19 0.00	18.12 -0.22 0.00
CH_RES_NIAGARA 23895	20.15 -1.33 0.00	18.49 -1.00 0.00	17.17 -0.76 0.00	18.71 -0.77 0.00	19.04 -0.85 0.00	18.02 -0.90 0.00	18.69 -1.09 0.00	20.92 -1.85 0.00	18.34 -1.63 0.00	16.97 -1.38 0.00	16.53 -1.35 0.00	14.99 -1.23 0.00	9.04 -0.80 0.00	11.63 -1.15 0.00	14.20 -1.57 0.00	14.81 -1.65 0.00	14.71 -1.66 0.00	16.52 -2.16 0.00	19.36 -2.76 0.00	22.97 -2.96 0.00	17.14 -2.19 0.00	17.21 -2.17 0.00	17.23 -1.99 0.00	16.80 -1.54 0.00
CH_RES_SYRACUSE 23985	21.50 0.02 0.00	19.52 0.03 0.00	17.97 0.05 0.00	19.54 0.06 0.00	19.93 0.04 0.00	18.95 0.03 0.00	19.77 -0.01 0.00	22.70 -0.06 0.00	19.90 -0.06 0.00	18.30 -0.04 0.00	17.85 -0.03 0.00	16.19 -0.04 0.00	9.80 -0.05 0.00	12.66 -0.11 0.00	15.61 -0.16 0.00	16.28 -0.17 0.00	16.23 -0.13 0.00	18.51 -0.17 0.00	21.93 -0.19 0.00	25.78 -0.15 0.00	19.21 -0.12 0.00	19.22 -0.15 0.00	19.07 -0.15 0.00	18.24 -0.10 0.00
CLINTON_WT_PWR 323605	21.76 0.28 0.00	19.79 0.30 0.00	18.13 0.21 0.00	19.67 0.20 0.00	20.15 0.27 0.00	19.12 0.20 0.00	20.02 0.24 0.00	23.07 0.31 0.00	20.20 0.24 0.00	18.50 0.16 0.00	17.85 -0.04 0.00	16.14 -0.08 0.00	9.81 -0.03 0.00	12.82 0.05 0.00	15.90 0.12 0.00	16.59 0.14 0.00	16.54 0.17 0.00	18.95 0.27 0.00	22.48 0.36 0.00	26.17 0.24 0.00	19.29 -0.04 0.00	19.46 0.08 0.00	19.30 0.07 0.00	18.32 -0.02 0.00
CLINTON___LFGE 323618	22.05 0.57 0.00	20.05 0.56 0.00	18.38 0.46 0.00	19.94 0.46 0.00	20.41 0.53 0.00	19.39 0.47 0.00	20.28 0.50 0.00	23.42 0.65 0.00	20.52 0.56 0.00	18.80 0.45 0.00	18.14 0.25 0.00	16.39 0.16 0.00	9.96 0.11 0.00	13.01 0.24 0.00	16.11 0.34 0.00	16.81 0.35 0.00	16.75 0.39 0.00	19.24 0.55 0.00	22.82 0.70 0.00	26.58 0.65 0.00	19.58 0.25 0.00	19.73 0.35 0.00	19.58 0.36 0.00	18.58 0.24 0.00
COBBLENY_34_KV_TB1 80064	21.14 -0.34 0.00	19.19 -0.31 0.00	17.78 -0.14 0.00	19.41 -0.07 0.00	19.78 -0.10 0.00	18.71 -0.21 0.00	19.47 -0.30 0.00	21.89 -0.88 0.00	19.18 -0.78 0.00	17.73 -0.62 0.00	17.29 -0.60 0.00	15.63 -0.59 0.00	9.41 -0.44 0.00	12.09 -0.68 0.00	14.81 -0.96 0.00	15.46 -0.99 0.00	15.34 -1.02 0.00	17.26 -1.42 0.00	20.30 -1.82 0.00	24.06 -1.87 0.00	17.92 -1.41 0.00	17.94 -1.43 0.00	17.97 -1.26 0.00	17.42 -0.92 0.00
COFFEEN___115KV_TB3 355620	20.80 -0.68 0.00	19.23 -0.27 0.00	17.74 -0.18 0.00	19.40 -0.08 0.00	19.80 -0.09 0.00	18.90 -0.01 0.00	19.79 0.01 0.00	22.80 0.03 0.00	19.92 -0.04 0.00	18.15 -0.20 0.00	17.44 -0.44 0.00	15.82 -0.40 0.00	9.67 -0.17 0.00	12.64 -0.14 0.00	15.57 -0.20 0.00	15.99 -0.47 0.00	16.02 -0.34 0.00	18.59 -0.09 0.00	22.12 0.00 0.00	26.10 0.17 0.00	19.33 -0.01 0.00	19.08 -0.30 0.00	19.00 -0.22 0.00	18.01 -0.33 0.00
COLDSPRG_115KV_BK1 355956	21.96 0.48 0.00	19.88 0.39 0.00	18.45 0.52 0.00	20.18 0.70 0.00	20.54 0.66 0.00	19.42 0.50 0.00	20.26 0.48 0.00	22.90 0.13 0.00	20.06 0.10 0.00	18.54 0.19 0.00	18.06 0.18 0.00	16.19 -0.03 0.00	9.72 -0.13 0.00	12.58 -0.19 0.00	15.46 -0.31 0.00	16.06 -0.39 0.00	15.88 -0.48 0.00	17.87 -0.81 0.00	21.09 -1.03 0.00	24.84 -1.09 0.00	18.48 -0.85 0.00	18.50 -0.88 0.00	18.66 -0.57 0.00	18.04 -0.30 0.00
COLONIE_LFGE___ 323577	21.68 0.19 0.00	19.71 0.21 0.00	18.10 0.18 0.00	19.67 0.19 0.00	20.10 0.22 0.00	19.16 0.24 0.00	20.06 0.28 0.00	23.14 0.38 0.00	20.29 0.34 0.00	18.59 0.25 0.00	18.14 0.25 0.00	16.48 0.26 0.00	10.01 0.17 0.00	13.05 0.28 0.00	16.10 0.33 0.00	16.81 0.35 0.00	16.68 0.32 0.00	19.12 0.44 0.00	22.67 0.55 0.00	26.49 0.56 0.00	19.82 0.48 0.00	19.84 0.46 0.00	19.68 0.45 0.00	18.74 0.40 0.00
COOPERNY_115KV_TB1 80082	21.75 0.27 0.00	19.72 0.23 0.00	18.10 0.17 0.00	19.66 0.18 0.00	20.08 0.20 0.00	19.13 0.21 0.00	20.08 0.30 0.00	23.22 0.46 0.00	20.38 0.42 0.00	18.73 0.38 0.00	18.32 0.43 0.00	16.61 0.39 0.00	10.08 0.24 0.00	13.06 0.28 0.00	16.10 0.33 0.00	16.79 0.34 0.00	16.72 0.35 0.00	19.10 0.41 0.00	22.65 0.53 0.00	26.59 0.67 0.00	19.83 0.50 0.00	19.88 0.51 0.00	19.71 0.48 0.00	18.78 0.44 0.00
COPENHAGEN_WT_PWR 323753	20.57 -0.92 0.00	19.11 -0.39 0.00	17.65 -0.28 0.00	19.32 -0.15 0.00	19.71 -0.17 0.00	18.82 -0.10 0.00	19.68 -0.10 0.00	22.65 -0.12 0.00	19.79 -0.18 0.00	18.04 -0.30 0.00	17.38 -0.50 0.00	15.72 -0.51 0.00	9.60 -0.24 0.00	12.56 -0.21 0.00	15.47 -0.30 0.00	15.96 -0.50 0.00	15.97 -0.39 0.00	18.48 -0.20 0.00	21.95 -0.17 0.00	25.87 -0.05 0.00	19.16 -0.17 0.00	18.86 -0.51 0.00	18.85 -0.37 0.00	17.87 -0.47 0.00
CORNELL_____ 23752	21.85 0.37 0.00	19.80 0.31 0.00	18.21 0.29 0.00	19.80 0.32 0.00	20.21 0.33 0.00	19.23 0.31 0.00	20.12 0.34 0.00	23.14 0.37 0.00	20.27 0.30 0.00	18.58 0.23 0.00	18.11 0.22 0.00	16.38 0.16 0.00	9.87 0.03 0.00	12.73 -0.04 0.00	15.67 -0.10 0.00	16.37 -0.08 0.00	16.35 -0.01 0.00	18.66 -0.02 0.00	22.24 0.12 0.00	26.22 0.30 0.00	19.52 0.19 0.00	19.52 0.14 0.00	19.36 0.14 0.00	18.46 0.12 0.00

CORONA__69_KV_TB1 355595	22.23 0.74 0.00	20.13 0.64 0.00	18.47 0.55 0.00	20.02 0.54 0.00	20.45 0.57 0.00	19.51 0.59 0.00	20.55 0.78 0.00	23.91 1.15 0.00	20.94 0.98 0.00	19.27 0.92 0.00	18.91 1.03 0.00	17.18 0.96 0.00	10.41 0.56 0.00	13.55 0.78 0.00	16.68 0.91 0.00	17.40 0.95 0.00	17.40 1.03 0.00	19.82 1.14 0.00	23.43 1.31 0.00	27.55 1.62 0.00	20.57 1.24 0.00	20.63 1.25 0.00	20.45 1.23 0.00	19.49 1.15 0.00
CORTLAND__115KV_TB3 80093	21.68 0.20 0.00	19.65 0.15 0.00	18.07 0.15 0.00	19.67 0.19 0.00	20.06 0.17 0.00	19.08 0.16 0.00	19.96 0.18 0.00	22.95 0.18 0.00	20.11 0.15 0.00	18.45 0.10 0.00	18.01 0.12 0.00	16.29 0.07 0.00	9.84 -0.01 0.00	12.72 -0.05 0.00	15.68 -0.09 0.00	16.35 -0.10 0.00	16.31 -0.06 0.00	18.61 -0.07 0.00	22.13 0.01 0.00	26.05 0.13 0.00	19.41 0.08 0.00	19.41 0.04 0.00	19.26 0.03 0.00	18.37 0.03 0.00
COXSACKIE__GT 23611	22.74 1.26 0.00	20.66 1.17 0.00	18.98 1.06 0.00	20.64 1.17 0.00	21.07 1.19 0.00	20.10 1.18 0.00	21.07 1.29 0.00	24.31 1.55 0.00	21.28 1.32 0.00	19.16 0.81 0.00	18.65 0.76 0.00	17.14 0.92 0.00	10.34 0.50 0.00	13.37 0.60 0.00	16.42 0.66 0.00	17.11 0.66 0.00	17.03 0.67 0.00	19.67 0.98 0.00	23.60 1.48 0.00	27.87 1.94 0.00	20.81 1.48 0.00	20.79 1.42 0.00	20.59 1.37 0.00	19.57 1.23 0.00
CPV_VALLEY__CC1 323721	21.75 0.27 0.00	19.71 0.21 0.00	18.07 0.15 0.00	19.63 0.15 0.00	20.06 0.18 0.00	19.12 0.20 0.00	20.08 0.30 0.00	23.25 0.49 0.00	20.41 0.45 0.00	18.76 0.42 0.00	18.35 0.47 0.00	16.65 0.43 0.00	10.11 0.27 0.00	13.11 0.34 0.00	16.15 0.38 0.00	16.85 0.40 0.00	16.77 0.41 0.00	19.16 0.48 0.00	22.73 0.61 0.00	26.68 0.75 0.00	19.90 0.57 0.00	19.96 0.58 0.00	19.77 0.55 0.00	18.83 0.49 0.00
CPV_VALLEY__CC2 323722	21.75 0.27 0.00	19.71 0.21 0.00	18.07 0.15 0.00	19.63 0.15 0.00	20.06 0.18 0.00	19.12 0.20 0.00	20.08 0.30 0.00	23.25 0.49 0.00	20.41 0.45 0.00	18.76 0.42 0.00	18.35 0.47 0.00	16.65 0.43 0.00	10.11 0.27 0.00	13.11 0.34 0.00	16.15 0.38 0.00	16.85 0.40 0.00	16.77 0.41 0.00	19.16 0.48 0.00	22.73 0.61 0.00	26.68 0.75 0.00	19.90 0.57 0.00	19.96 0.58 0.00	19.77 0.55 0.00	18.83 0.49 0.00
CRESCENT__HYD 24018	21.68 0.19 0.00	19.71 0.21 0.00	18.10 0.18 0.00	19.67 0.19 0.00	20.10 0.22 0.00	19.16 0.24 0.00	20.06 0.28 0.00	23.14 0.38 0.00	20.29 0.34 0.00	18.59 0.25 0.00	18.14 0.25 0.00	16.48 0.26 0.00	10.01 0.17 0.00	13.05 0.28 0.00	16.10 0.33 0.00	16.81 0.35 0.00	16.68 0.32 0.00	19.12 0.44 0.00	22.67 0.55 0.00	26.49 0.56 0.00	19.82 0.48 0.00	19.84 0.46 0.00	19.68 0.45 0.00	18.74 0.40 0.00
CRICKET__VALLEY_CC1 323756	21.66 0.17 0.00	19.68 0.18 0.00	18.06 0.14 0.00	19.60 0.13 0.00	20.04 0.16 0.00	19.11 0.19 0.00	20.07 0.28 0.00	23.21 0.44 0.00	20.38 0.42 0.00	18.70 0.35 0.00	18.36 0.47 0.00	16.69 0.47 0.00	10.13 0.29 0.00	13.18 0.41 0.00	16.23 0.46 0.00	16.93 0.48 0.00	16.83 0.46 0.00	19.25 0.57 0.00	22.83 0.71 0.00	26.74 0.82 0.00	19.96 0.63 0.00	19.98 0.61 0.00	19.81 0.59 0.00	18.87 0.53 0.00
CRICKET__VALLEY_CC2 323757	21.66 0.17 0.00	19.68 0.18 0.00	18.06 0.14 0.00	19.60 0.13 0.00	20.04 0.16 0.00	19.11 0.19 0.00	20.07 0.28 0.00	23.21 0.44 0.00	20.38 0.42 0.00	18.70 0.35 0.00	18.36 0.47 0.00	16.69 0.47 0.00	10.13 0.29 0.00	13.18 0.41 0.00	16.23 0.46 0.00	16.93 0.48 0.00	16.83 0.46 0.00	19.25 0.57 0.00	22.83 0.71 0.00	26.74 0.82 0.00	19.96 0.63 0.00	19.98 0.61 0.00	19.81 0.59 0.00	18.87 0.53 0.00
CRICKET__VALLEY_CC3 323758	21.66 0.17 0.00	19.68 0.18 0.00	18.06 0.14 0.00	19.60 0.13 0.00	20.04 0.16 0.00	19.11 0.19 0.00	20.07 0.28 0.00	23.21 0.44 0.00	20.38 0.42 0.00	18.70 0.35 0.00	18.36 0.47 0.00	16.69 0.47 0.00	10.13 0.29 0.00	13.18 0.41 0.00	16.23 0.46 0.00	16.93 0.48 0.00	16.83 0.46 0.00	19.25 0.57 0.00	22.83 0.71 0.00	26.74 0.82 0.00	19.96 0.63 0.00	19.98 0.61 0.00	19.81 0.59 0.00	18.87 0.53 0.00
CRUCIBLE__METL_DRP 24180	21.51 0.03 0.00	19.52 0.03 0.00	17.97 0.05 0.00	19.54 0.06 0.00	19.93 0.05 0.00	18.95 0.03 0.00	19.77 -0.01 0.00	22.70 -0.06 0.00	19.90 -0.06 0.00	18.30 -0.05 0.00	17.85 -0.03 0.00	16.19 -0.04 0.00	9.80 -0.05 0.00	12.66 -0.11 0.00	15.61 -0.16 0.00	16.28 -0.17 0.00	16.23 -0.13 0.00	18.51 -0.16 0.00	21.93 -0.19 0.00	25.78 -0.15 0.00	19.21 -0.12 0.00	19.22 -0.15 0.00	19.07 -0.15 0.00	18.24 -0.10 0.00
DAHOWA__HYDRO 323763	21.88 0.40 0.00	19.90 0.40 0.00	18.29 0.36 0.00	19.87 0.39 0.00	20.31 0.43 0.00	19.37 0.45 0.00	20.30 0.52 0.00	23.43 0.67 0.00	20.52 0.56 0.00	18.76 0.41 0.00	18.27 0.38 0.00	16.56 0.33 0.00	10.06 0.22 0.00	13.13 0.35 0.00	16.18 0.41 0.00	16.88 0.43 0.00	16.79 0.43 0.00	19.31 0.63 0.00	22.96 0.84 0.00	26.84 0.91 0.00	20.05 0.72 0.00	20.07 0.69 0.00	19.90 0.68 0.00	18.93 0.59 0.00
DANC__LFGE 323619	20.80 -0.68 0.00	19.15 -0.35 0.00	17.66 -0.26 0.00	19.29 -0.19 0.00	19.67 -0.21 0.00	18.75 -0.17 0.00	19.58 -0.21 0.00	22.51 -0.25 0.00	19.71 -0.25 0.00	18.04 -0.30 0.00	17.47 -0.42 0.00	15.81 -0.41 0.00	9.63 -0.22 0.00	12.54 -0.23 0.00	15.44 -0.33 0.00	15.96 -0.49 0.00	15.96 -0.41 0.00	18.39 -0.29 0.00	21.80 -0.32 0.00	25.68 -0.25 0.00	19.07 -0.26 0.00	18.91 -0.47 0.00	18.83 -0.39 0.00	17.91 -0.43 0.00
DANSKAMMER__1 23586	22.09 0.61 0.00	20.02 0.53 0.00	18.36 0.44 0.00	19.93 0.46 0.00	20.38 0.49 0.00	19.43 0.51 0.00	20.42 0.64 0.00	23.67 0.91 0.00	20.77 0.81 0.00	19.07 0.73 0.00	18.67 0.79 0.00	16.95 0.73 0.00	10.29 0.45 0.00	13.34 0.56 0.00	16.42 0.65 0.00	17.13 0.68 0.00	17.07 0.71 0.00	19.53 0.85 0.00	23.19 1.07 0.00	27.22 1.30 0.00	20.31 0.98 0.00	20.35 0.97 0.00	20.15 0.92 0.00	19.18 0.84 0.00
DANSKAMMER__2 23589	22.09 0.61 0.00	20.02 0.53 0.00	18.36 0.44 0.00	19.93 0.46 0.00	20.38 0.49 0.00	19.43 0.51 0.00	20.42 0.64 0.00	23.67 0.91 0.00	20.77 0.81 0.00	19.07 0.73 0.00	18.67 0.79 0.00	16.95 0.73 0.00	10.29 0.45 0.00	13.34 0.56 0.00	16.42 0.65 0.00	17.13 0.68 0.00	17.07 0.71 0.00	19.53 0.85 0.00	23.19 1.07 0.00	27.22 1.30 0.00	20.31 0.98 0.00	20.35 0.97 0.00	20.15 0.92 0.00	19.18 0.84 0.00
DANSKAMMER__3 23590	22.09 0.61 0.00	20.02 0.53 0.00	18.36 0.44 0.00	19.93 0.46 0.00	20.38 0.49 0.00	19.43 0.51 0.00	20.42 0.64 0.00	23.67 0.91 0.00	20.77 0.81 0.00	19.07 0.73 0.00	18.67 0.79 0.00	16.95 0.73 0.00	10.29 0.45 0.00	13.34 0.56 0.00	16.42 0.65 0.00	17.13 0.68 0.00	17.07 0.71 0.00	19.53 0.85 0.00	23.19 1.07 0.00	27.22 1.30 0.00	20.31 0.98 0.00	20.35 0.97 0.00	20.15 0.92 0.00	19.18 0.84 0.00

DANSKAMMER___4 23591	22.09 0.61 0.00	20.02 0.53 0.00	18.36 0.44 0.00	19.93 0.46 0.00	20.38 0.49 0.00	19.43 0.51 0.00	20.42 0.64 0.00	23.67 0.91 0.00	20.77 0.81 0.00	19.07 0.73 0.00	18.67 0.79 0.00	16.95 0.73 0.00	10.29 0.45 0.00	13.34 0.56 0.00	16.42 0.65 0.00	17.13 0.68 0.00	17.07 0.71 0.00	19.53 0.85 0.00	23.19 1.07 0.00	27.22 1.30 0.00	20.31 0.98 0.00	20.35 0.97 0.00	20.15 0.92 0.00	19.18 0.84 0.00
DANSKAMMER___DIESEL 23592	22.08 0.60 0.00	20.02 0.53 0.00	18.36 0.44 0.00	19.93 0.46 0.00	20.37 0.49 0.00	19.43 0.51 0.00	20.42 0.64 0.00	23.67 0.91 0.00	20.77 0.81 0.00	19.07 0.72 0.00	18.67 0.79 0.00	16.95 0.73 0.00	10.29 0.45 0.00	13.34 0.56 0.00	16.42 0.65 0.00	17.13 0.68 0.00	17.07 0.71 0.00	19.53 0.85 0.00	23.19 1.07 0.00	27.22 1.30 0.00	20.31 0.98 0.00	20.35 0.97 0.00	20.15 0.92 0.00	19.18 0.84 0.00
DARBY___SOLAR 323810	21.89 0.41 0.00	19.90 0.40 0.00	18.29 0.36 0.00	19.87 0.39 0.00	20.31 0.42 0.00	19.36 0.44 0.00	20.29 0.51 0.00	23.42 0.65 0.00	20.51 0.55 0.00	18.75 0.40 0.00	18.26 0.38 0.00	16.53 0.31 0.00	10.06 0.21 0.00	13.11 0.33 0.00	16.17 0.39 0.00	16.86 0.41 0.00	16.78 0.41 0.00	19.29 0.61 0.00	22.93 0.81 0.00	26.81 0.88 0.00	20.03 0.70 0.00	20.05 0.67 0.00	19.89 0.66 0.00	18.93 0.58 0.00
DASHVILLE___HYD 23610	21.84 0.35 0.00	19.79 0.30 0.00	18.15 0.23 0.00	19.70 0.23 0.00	20.14 0.26 0.00	19.20 0.28 0.00	20.19 0.41 0.00	23.42 0.65 0.00	20.57 0.61 0.00	18.89 0.54 0.00	18.48 0.60 0.00	16.80 0.58 0.00	10.20 0.36 0.00	13.22 0.44 0.00	16.27 0.50 0.00	16.97 0.52 0.00	16.90 0.54 0.00	19.33 0.64 0.00	22.95 0.83 0.00	26.96 1.03 0.00	20.11 0.78 0.00	20.15 0.77 0.00	19.95 0.72 0.00	18.99 0.65 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	22.20 0.72 0.00	20.18 0.68 0.00	18.68 0.76 0.00	20.23 0.75 0.00	20.63 0.75 0.00	19.69 0.77 0.00	20.81 1.03 0.00	24.51 1.74 0.00	21.28 1.32 0.00	19.63 1.28 0.00	19.18 1.29 0.00	17.40 1.18 0.00	10.49 0.65 0.00	13.63 0.86 0.00	16.77 1.00 0.00	17.40 0.95 0.00	17.47 1.10 0.00	19.66 0.97 0.00	23.32 1.20 0.00	27.60 1.67 0.00	20.57 1.24 0.00	20.68 1.30 0.00	20.43 1.20 0.00	19.51 1.17 0.00
DELAWARE___LFGE 323621	21.88 0.40 0.00	19.82 0.33 0.00	18.23 0.31 0.00	19.80 0.32 0.00	20.23 0.35 0.00	19.26 0.35 0.00	20.18 0.40 0.00	23.27 0.51 0.00	20.41 0.45 0.00	18.78 0.43 0.00	18.34 0.45 0.00	16.61 0.39 0.00	10.06 0.22 0.00	13.02 0.25 0.00	16.07 0.30 0.00	16.75 0.30 0.00	16.66 0.30 0.00	19.01 0.34 0.00	22.56 0.44 0.00	26.50 0.57 0.00	19.74 0.41 0.00	19.77 0.39 0.00	19.60 0.38 0.00	18.68 0.34 0.00
DERFIELD_115KV_TB7 355931	21.43 -0.05 0.00	19.46 -0.04 0.00	17.89 -0.04 0.00	19.44 -0.04 0.00	19.85 -0.03 0.00	18.90 -0.02 0.00	19.76 -0.02 0.00	22.76 0.00 0.00	19.96 0.00 0.00	18.34 0.00 0.00	17.90 0.01 0.00	16.24 0.02 0.00	9.85 0.01 0.00	12.79 0.02 0.00	15.78 0.01 0.00	16.45 0.00 0.00	16.36 0.00 0.00	18.69 0.01 0.00	22.15 0.03 0.00	25.98 0.05 0.00	19.37 0.04 0.00	19.40 0.02 0.00	19.24 0.02 0.00	18.36 0.01 0.00
DOGLEVILLE___HYD 23807	20.99 -0.50 0.00	19.00 -0.49 0.00	17.44 -0.49 0.00	18.86 -0.62 0.00	19.32 -0.56 0.00	18.46 -0.46 0.00	19.43 -0.35 0.00	22.49 -0.28 0.00	19.74 -0.22 0.00	18.07 -0.28 0.00	17.61 -0.27 0.00	15.95 -0.27 0.00	9.66 -0.19 0.00	12.61 -0.16 0.00	15.48 -0.29 0.00	16.14 -0.32 0.00	16.04 -0.33 0.00	18.51 -0.17 0.00	22.15 0.03 0.00	25.98 0.05 0.00	19.41 0.08 0.00	19.38 0.00 0.00	19.16 -0.07 0.00	18.16 -0.18 0.00
DUNKIRK___115KV_TB_200 55889	21.10 -0.38 0.00	19.14 -0.35 0.00	17.79 -0.13 0.00	19.45 -0.02 0.00	19.78 -0.10 0.00	18.69 -0.22 0.00	19.50 -0.28 0.00	21.98 -0.79 0.00	19.23 -0.73 0.00	17.76 -0.58 0.00	17.32 -0.56 0.00	15.58 -0.64 0.00	9.34 -0.50 0.00	12.08 -0.70 0.00	14.80 -0.97 0.00	15.38 -1.08 0.00	15.21 -1.16 0.00	17.11 -1.57 0.00	20.23 -1.90 0.00	23.91 -2.01 0.00	17.75 -1.58 0.00	17.78 -1.59 0.00	17.92 -1.30 0.00	17.30 -1.04 0.00
DUNKIRK___1 23563	21.10 -0.38 0.00	19.14 -0.35 0.00	17.79 -0.13 0.00	19.45 -0.02 0.00	19.78 -0.10 0.00	18.69 -0.22 0.00	19.50 -0.28 0.00	21.98 -0.79 0.00	19.23 -0.73 0.00	17.76 -0.58 0.00	17.32 -0.56 0.00	15.58 -0.64 0.00	9.34 -0.50 0.00	12.08 -0.70 0.00	14.80 -0.97 0.00	15.38 -1.08 0.00	15.21 -1.16 0.00	17.11 -1.57 0.00	20.23 -1.90 0.00	23.91 -2.01 0.00	17.75 -1.58 0.00	17.78 -1.59 0.00	17.92 -1.30 0.00	17.30 -1.04 0.00
DUNKIRK___2 23564	21.10 -0.38 0.00	19.14 -0.35 0.00	17.79 -0.13 0.00	19.45 -0.02 0.00	19.78 -0.10 0.00	18.69 -0.22 0.00	19.50 -0.28 0.00	21.98 -0.79 0.00	19.23 -0.73 0.00	17.76 -0.58 0.00	17.32 -0.56 0.00	15.58 -0.64 0.00	9.34 -0.50 0.00	12.08 -0.70 0.00	14.80 -0.97 0.00	15.38 -1.08 0.00	15.21 -1.16 0.00	17.11 -1.57 0.00	20.23 -1.90 0.00	23.91 -2.01 0.00	17.75 -1.58 0.00	17.78 -1.59 0.00	17.92 -1.30 0.00	17.30 -1.04 0.00
DUNKIRK___3 23565	21.08 -0.40 0.00	19.10 -0.40 0.00	17.73 -0.19 0.00	19.39 -0.09 0.00	19.72 -0.16 0.00	18.64 -0.28 0.00	19.44 -0.34 0.00	21.94 -0.82 0.00	19.19 -0.77 0.00	17.72 -0.62 0.00	17.30 -0.59 0.00	15.57 -0.66 0.00	9.35 -0.50 0.00	12.08 -0.69 0.00	14.82 -0.95 0.00	15.42 -1.03 0.00	15.27 -1.10 0.00	17.17 -1.51 0.00	20.27 -1.85 0.00	23.96 -1.96 0.00	17.80 -1.53 0.00	17.84 -1.54 0.00	17.95 -1.27 0.00	17.31 -1.03 0.00
DUNKIRK___4 23566	21.10 -0.38 0.00	19.14 -0.36 0.00	17.78 -0.15 0.00	19.43 -0.05 0.00	19.77 -0.11 0.00	18.69 -0.23 0.00	19.48 -0.30 0.00	21.94 -0.82 0.00	19.20 -0.76 0.00	17.74 -0.61 0.00	17.30 -0.59 0.00	15.58 -0.64 0.00	9.35 -0.49 0.00	12.07 -0.70 0.00	14.79 -0.98 0.00	15.39 -1.06 0.00	15.24 -1.12 0.00	17.15 -1.53 0.00	20.24 -1.89 0.00	23.94 -1.99 0.00	17.79 -1.54 0.00	17.82 -1.56 0.00	17.92 -1.30 0.00	17.33 -1.01 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.05 0.57 0.00	19.97 0.48 0.00	18.32 0.39 0.00	19.87 0.39 0.00	20.31 0.42 0.00	19.36 0.44 0.00	20.36 0.58 0.00	23.65 0.88 0.00	20.77 0.81 0.00	19.11 0.76 0.00	18.72 0.83 0.00	16.99 0.77 0.00	10.32 0.47 0.00	13.38 0.61 0.00	16.47 0.70 0.00	17.18 0.73 0.00	17.12 0.76 0.00	19.55 0.86 0.00	23.18 1.06 0.00	27.21 1.29 0.00	20.31 0.98 0.00	20.35 0.98 0.00	20.15 0.92 0.00	19.17 0.84 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.97 0.49 0.00	19.91 0.42 0.00	18.26 0.33 0.00	19.82 0.34 0.00	20.26 0.38 0.00	19.31 0.39 0.00	20.30 0.52 0.00	23.53 0.77 0.00	20.66 0.70 0.00	18.96 0.62 0.00	18.56 0.67 0.00	16.84 0.62 0.00	10.23 0.38 0.00	13.25 0.48 0.00	16.31 0.54 0.00	17.02 0.57 0.00	16.96 0.59 0.00	19.39 0.71 0.00	23.03 0.91 0.00	27.04 1.12 0.00	20.17 0.84 0.00	20.22 0.84 0.00	20.02 0.80 0.00	19.06 0.72 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	22.14 0.66 0.00	20.06 0.57 0.00	18.40 0.48 0.00	19.91 0.43 0.00	20.37 0.48 0.00	19.44 0.53 0.00	20.44 0.66 0.00	23.73 0.97 0.00	20.88 0.92 0.00	19.23 0.88 0.00	18.80 0.92 0.00	17.07 0.85 0.00	10.37 0.53 0.00	13.44 0.67 0.00	16.53 0.76 0.00	17.26 0.81 0.00	17.19 0.82 0.00	19.59 0.91 0.00	23.26 1.14 0.00	27.36 1.43 0.00	20.43 1.10 0.00	20.45 1.07 0.00	20.25 1.03 0.00	19.27 0.93 0.00
E179THST_13_KV_LOAD 356214	22.22 0.74 0.00	20.13 0.64 0.00	18.46 0.54 0.00	19.97 0.50 0.00	20.43 0.55 0.00	19.51 0.59 0.00	20.51 0.73 0.00	23.82 1.05 0.00	20.96 0.99 0.00	19.30 0.95 0.00	18.89 1.00 0.00	17.14 0.92 0.00	10.42 0.57 0.00	13.50 0.73 0.00	16.60 0.83 0.00	17.33 0.88 0.00	17.26 0.90 0.00	19.67 0.99 0.00	23.35 1.23 0.00	27.47 1.54 0.00	20.51 1.18 0.00	20.53 1.15 0.00	20.33 1.11 0.00	19.35 1.01 0.00
EAST HAMPTON___GT 23717	22.32 0.84 0.00	20.31 0.82 0.00	18.84 0.91 0.00	20.41 0.93 0.00	20.84 0.96 0.00	19.87 0.95 0.00	21.03 1.25 0.00	24.75 1.98 0.00	21.48 1.52 0.00	19.77 1.42 0.00	19.30 1.41 0.00	17.50 1.28 0.00	10.54 0.69 0.00	13.66 0.89 0.00	16.78 1.01 0.00	17.39 0.94 0.00	17.43 1.06 0.00	19.57 0.89 0.00	23.26 1.13 0.00	27.52 1.59 0.00	20.48 1.15 0.00	20.58 1.21 0.00	20.33 1.10 0.00	19.41 1.07 0.00
EAST RIVER___6 23660	22.14 0.66 0.00	20.03 0.54 0.00	18.37 0.45 0.00	19.91 0.43 0.00	20.34 0.46 0.00	19.40 0.48 0.00	20.42 0.64 0.00	23.72 0.96 0.00	20.87 0.91 0.00	19.22 0.87 0.00	18.82 0.94 0.00	17.09 0.87 0.00	10.38 0.54 0.00	13.46 0.68 0.00	16.56 0.79 0.00	17.29 0.84 0.00	17.20 0.84 0.00	19.63 0.94 0.00	23.29 1.17 0.00	27.37 1.44 0.00	20.42 1.09 0.00	20.46 1.08 0.00	20.24 1.02 0.00	19.24 0.90 0.00
EAST RIVER___7 23524	22.14 0.66 0.00	20.03 0.54 0.00	18.37 0.45 0.00	19.91 0.43 0.00	20.34 0.46 0.00	19.40 0.48 0.00	20.42 0.64 0.00	23.72 0.96 0.00	20.87 0.91 0.00	19.22 0.87 0.00	18.82 0.94 0.00	17.09 0.87 0.00	10.38 0.54 0.00	13.46 0.68 0.00	16.56 0.79 0.00	17.29 0.84 0.00	17.20 0.84 0.00	19.63 0.94 0.00	23.29 1.17 0.00	27.37 1.44 0.00	20.42 1.09 0.00	20.46 1.08 0.00	20.24 1.02 0.00	19.24 0.90 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.03 0.55 0.00	19.95 0.46 0.00	18.30 0.37 0.00	19.85 0.37 0.00	20.29 0.41 0.00	19.34 0.42 0.00	20.34 0.56 0.00	23.62 0.85 0.00	20.75 0.79 0.00	19.08 0.73 0.00	18.69 0.80 0.00	16.96 0.74 0.00	10.30 0.46 0.00	13.36 0.58 0.00	16.45 0.68 0.00	17.16 0.71 0.00	17.09 0.73 0.00	19.52 0.84 0.00	23.15 1.03 0.00	27.17 1.25 0.00	20.28 0.94 0.00	20.32 0.94 0.00	20.12 0.90 0.00	19.16 0.81 0.00
EAST_HAMPTON___DIESEL 23722	22.31 0.83 0.00	20.30 0.81 0.00	18.84 0.91 0.00	20.41 0.93 0.00	20.84 0.95 0.00	19.87 0.95 0.00	21.03 1.25 0.00	24.75 1.98 0.00	21.48 1.52 0.00	19.77 1.42 0.00	19.29 1.41 0.00	17.50 1.27 0.00	10.53 0.69 0.00	13.66 0.88 0.00	16.77 1.00 0.00	17.37 0.92 0.00	17.41 1.05 0.00	19.54 0.86 0.00	23.22 1.10 0.00	27.47 1.54 0.00	20.45 1.11 0.00	20.55 1.17 0.00	20.29 1.07 0.00	19.38 1.04 0.00
EAST_PULASKI___ESR 323781	21.08 -0.40 0.00	19.24 -0.25 0.00	17.72 -0.20 0.00	19.31 -0.17 0.00	19.68 -0.20 0.00	18.74 -0.18 0.00	19.53 -0.25 0.00	22.44 -0.33 0.00	19.69 -0.27 0.00	18.08 -0.26 0.00	17.58 -0.30 0.00	15.94 -0.28 0.00	9.67 -0.17 0.00	12.55 -0.22 0.00	15.44 -0.33 0.00	16.01 -0.44 0.00	15.98 -0.39 0.00	18.35 -0.33 0.00	21.72 -0.40 0.00	25.54 -0.38 0.00	19.03 -0.30 0.00	18.98 -0.40 0.00	18.85 -0.37 0.00	17.99 -0.36 0.00
EAST_RIVER___1 323558	22.15 0.67 0.00	20.03 0.55 0.00	18.37 0.45 0.00	19.92 0.44 0.00	20.35 0.47 0.00	19.41 0.49 0.00	20.42 0.64 0.00	23.73 0.97 0.00	20.87 0.91 0.00	19.22 0.87 0.00	18.82 0.94 0.00	17.09 0.86 0.00	10.38 0.53 0.00	13.45 0.68 0.00	16.55 0.78 0.00	17.27 0.82 0.00	17.20 0.84 0.00	19.62 0.94 0.00	23.27 1.15 0.00	27.36 1.43 0.00	20.42 1.09 0.00	20.46 1.08 0.00	20.24 1.02 0.00	19.25 0.91 0.00
EAST_RIVER___2 323559	22.14 0.66 0.00	20.03 0.54 0.00	18.37 0.45 0.00	19.91 0.43 0.00	20.34 0.46 0.00	19.40 0.48 0.00	20.42 0.64 0.00	23.72 0.96 0.00	20.87 0.91 0.00	19.22 0.87 0.00	18.82 0.94 0.00	17.09 0.87 0.00	10.38 0.54 0.00	13.46 0.68 0.00	16.56 0.79 0.00	17.29 0.84 0.00	17.20 0.84 0.00	19.63 0.94 0.00	23.29 1.17 0.00	27.37 1.44 0.00	20.42 1.09 0.00	20.46 1.08 0.00	20.24 1.02 0.00	19.24 0.90 0.00
EAST___DELAWARE_HYD 23607	22.33 0.85 0.00	20.25 0.76 0.00	18.53 0.60 0.00	20.13 0.65 0.00	20.57 0.69 0.00	19.62 0.70 0.00	20.63 0.85 0.00	23.90 1.14 0.00	20.98 1.01 0.00	19.21 0.86 0.00	18.82 0.93 0.00	17.12 0.90 0.00	10.37 0.53 0.00	13.39 0.62 0.00	16.48 0.71 0.00	17.22 0.77 0.00	17.10 0.73 0.00	19.57 0.89 0.00	23.40 1.28 0.00	27.57 1.64 0.00	20.54 1.21 0.00	20.54 1.16 0.00	20.32 1.10 0.00	19.34 1.00 0.00
EIGHT_POINT___WT_PWR 323820	21.38 -0.10 0.00	19.62 0.13 0.00	17.99 0.06 0.00	19.65 0.17 0.00	20.12 0.24 0.00	19.15 0.22 0.00	20.18 0.39 0.00	23.10 0.34 0.00	20.12 0.16 0.00	18.28 -0.06 0.00	17.86 -0.03 0.00	15.96 -0.26 0.00	9.45 -0.40 0.00	11.97 -0.80 0.00	14.81 -0.96 0.00	15.63 -0.82 0.00	15.58 -0.78 0.00	17.84 -0.84 0.00	21.41 -0.72 0.00	25.39 -0.53 0.00	18.78 -0.56 0.00	18.35 -1.03 0.00	18.39 -0.83 0.00	17.70 -0.64 0.00
ELBRIDGE_115KV_TB2 80188	21.42 -0.06 0.00	19.44 -0.05 0.00	17.90 -0.02 0.00	19.45 -0.02 0.00	19.86 -0.03 0.00	18.87 -0.05 0.00	19.68 -0.10 0.00	22.62 -0.14 0.00	19.81 -0.15 0.00	18.21 -0.13 0.00	17.76 -0.12 0.00	16.11 -0.11 0.00	9.75 -0.10 0.00	12.59 -0.18 0.00	15.51 -0.26 0.00	16.20 -0.25 0.00	16.15 -0.21 0.00	18.39 -0.29 0.00	21.82 -0.30 0.00	25.64 -0.28 0.00	19.10 -0.23 0.00	19.12 -0.25 0.00	18.98 -0.25 0.00	18.15 -0.19 0.00
ELEC_TRO_TEK 24086	22.12 0.64 0.00	20.04 0.55 0.00	18.40 0.47 0.00	19.94 0.46 0.00	20.37 0.49 0.00	19.42 0.51 0.00	20.46 0.68 0.00	23.82 1.06 0.00	20.87 0.91 0.00	19.20 0.85 0.00	18.84 0.95 0.00	17.12 0.89 0.00	10.37 0.53 0.00	13.49 0.71 0.00	16.60 0.83 0.00	17.31 0.86 0.00	17.30 0.94 0.00	19.72 1.03 0.00	23.32 1.19 0.00	27.41 1.48 0.00	20.46 1.13 0.00	20.52 1.14 0.00	20.32 1.10 0.00	19.37 1.03 0.00
ELLENBURG_WT_PWR 323604	21.76 0.28 0.00	19.79 0.30 0.00	18.13 0.21 0.00	19.67 0.20 0.00	20.15 0.27 0.00	19.12 0.20 0.00	20.02 0.24 0.00	23.07 0.31 0.00	20.20 0.24 0.00	18.50 0.16 0.00	17.85 -0.04 0.00	16.14 -0.08 0.00	9.81 -0.03 0.00	12.82 0.05 0.00	15.90 0.12 0.00	16.59 0.14 0.00	16.54 0.17 0.00	18.95 0.27 0.00	22.48 0.36 0.00	26.17 0.24 0.00	19.29 -0.04 0.00	19.46 0.08 0.00	19.30 0.07 0.00	18.32 -0.02 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.89 -0.60 0.00	18.98 -0.52 0.00	17.60 -0.32 0.00	19.21 -0.27 0.00	19.57 -0.31 0.00	18.50 -0.42 0.00	19.25 -0.53 0.00	21.63 -1.14 0.00	18.93 -1.02 0.00	17.50 -0.84 0.00	17.07 -0.82 0.00	15.45 -0.78 0.00	9.30 -0.55 0.00	11.96 -0.81 0.00	14.64 -1.14 0.00	15.27 -1.18 0.00	15.16 -1.21 0.00	17.04 -1.64 0.00	20.02 -2.10 0.00	23.73 -2.20 0.00	17.68 -1.65 0.00	17.72 -1.66 0.00	17.75 -1.48 0.00	17.23 -1.12 0.00
EMPIRE_CC_1 323656	21.49 0.01 0.00	19.55 0.06 0.00	17.96 0.04 0.00	19.52 0.05 0.00	19.94 0.05 0.00	19.00 0.08 0.00	19.84 0.06 0.00	22.89 0.12 0.00	20.08 0.12 0.00	18.41 0.07 0.00	18.01 0.12 0.00	16.40 0.18 0.00	9.97 0.12 0.00	13.00 0.22 0.00	16.04 0.26 0.00	16.72 0.28 0.00	16.60 0.23 0.00	18.94 0.26 0.00	22.43 0.31 0.00	26.20 0.27 0.00	19.61 0.28 0.00	19.64 0.26 0.00	19.52 0.30 0.00	18.62 0.28 0.00
EMPIRE_CC_2 323658	21.49 0.01 0.00	19.55 0.06 0.00	17.96 0.04 0.00	19.52 0.05 0.00	19.94 0.05 0.00	19.00 0.08 0.00	19.84 0.06 0.00	22.89 0.12 0.00	20.08 0.12 0.00	18.41 0.07 0.00	18.01 0.12 0.00	16.40 0.18 0.00	9.97 0.12 0.00	13.00 0.22 0.00	16.04 0.26 0.00	16.72 0.28 0.00	16.60 0.23 0.00	18.94 0.26 0.00	22.43 0.31 0.00	26.20 0.27 0.00	19.61 0.28 0.00	19.64 0.26 0.00	19.52 0.30 0.00	18.62 0.28 0.00
ENORWICH_115KV_TB1 80156	22.88 1.40 0.00	20.65 1.15 0.00	18.92 1.00 0.00	20.49 1.01 0.00	21.02 1.14 0.00	20.16 1.24 0.00	21.16 1.38 0.00	24.37 1.61 0.00	21.40 1.43 0.00	19.55 1.21 0.00	19.06 1.18 0.00	17.24 1.02 0.00	10.28 0.44 0.00	13.17 0.39 0.00	16.12 0.35 0.00	16.77 0.31 0.00	16.85 0.48 0.00	19.36 0.68 0.00	23.37 1.24 0.00	27.60 1.68 0.00	20.43 1.10 0.00	20.37 1.00 0.00	20.20 0.98 0.00	19.10 0.76 0.00
ERIE_ST__34_KV_TB1-2 80199	21.48 0.00 0.00	19.48 -0.01 0.00	18.05 0.12 0.00	19.70 0.22 0.00	20.07 0.19 0.00	18.98 0.06 0.00	19.77 -0.01 0.00	22.26 -0.50 0.00	19.50 -0.47 0.00	18.02 -0.32 0.00	17.56 -0.32 0.00	15.88 -0.34 0.00	9.55 -0.29 0.00	12.29 -0.49 0.00	15.06 -0.71 0.00	15.72 -0.73 0.00	15.62 -0.74 0.00	17.58 -1.09 0.00	20.67 -1.45 0.00	24.46 -1.47 0.00	18.24 -1.09 0.00	18.29 -1.09 0.00	18.31 -0.92 0.00	17.73 -0.61 0.00
ERIE_WT_PWR 323693	21.02 -0.46 0.00	19.12 -0.37 0.00	17.72 -0.20 0.00	19.35 -0.13 0.00	19.70 -0.18 0.00	18.65 -0.27 0.00	19.40 -0.38 0.00	21.82 -0.95 0.00	19.08 -0.88 0.00	17.64 -0.70 0.00	17.21 -0.68 0.00	15.57 -0.65 0.00	9.37 -0.48 0.00	12.03 -0.74 0.00	14.74 -1.03 0.00	15.38 -1.07 0.00	15.26 -1.10 0.00	17.16 -1.52 0.00	20.19 -1.93 0.00	23.92 -2.01 0.00	17.82 -1.52 0.00	17.84 -1.54 0.00	17.87 -1.35 0.00	17.33 -1.02 0.00
ESPRGFLD_115KV_TB1 80157	22.53 1.05 0.00	20.41 0.92 0.00	18.79 0.87 0.00	20.39 0.91 0.00	20.83 0.95 0.00	19.84 0.92 0.00	20.77 0.99 0.00	23.87 1.11 0.00	20.93 0.96 0.00	19.30 0.96 0.00	18.78 0.89 0.00	17.00 0.78 0.00	10.27 0.42 0.00	13.25 0.47 0.00	16.34 0.57 0.00	17.00 0.55 0.00	16.98 0.61 0.00	19.38 0.70 0.00	22.97 0.85 0.00	27.10 1.18 0.00	20.14 0.81 0.00	20.17 0.79 0.00	19.95 0.72 0.00	19.00 0.66 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.83 0.35 0.00	19.77 0.28 0.00	18.19 0.27 0.00	19.77 0.30 0.00	20.18 0.30 0.00	19.21 0.29 0.00	20.10 0.32 0.00	23.11 0.34 0.00	20.23 0.28 0.00	18.55 0.21 0.00	18.09 0.20 0.00	16.36 0.14 0.00	9.86 0.02 0.00	12.72 -0.05 0.00	15.66 -0.11 0.00	16.35 -0.10 0.00	16.33 -0.03 0.00	18.64 -0.04 0.00	22.22 0.10 0.00	26.19 0.26 0.00	19.49 0.16 0.00	19.50 0.12 0.00	19.34 0.11 0.00	18.44 0.10 0.00
ETNA____115KV_TB2 80207	21.83 0.35 0.00	19.77 0.28 0.00	18.19 0.27 0.00	19.77 0.30 0.00	20.18 0.30 0.00	19.21 0.29 0.00	20.10 0.32 0.00	23.11 0.34 0.00	20.23 0.28 0.00	18.55 0.21 0.00	18.09 0.20 0.00	16.36 0.14 0.00	9.86 0.02 0.00	12.72 -0.05 0.00	15.66 -0.11 0.00	16.35 -0.10 0.00	16.33 -0.03 0.00	18.64 -0.04 0.00	22.22 0.10 0.00	26.19 0.26 0.00	19.49 0.16 0.00	19.50 0.12 0.00	19.34 0.11 0.00	18.44 0.10 0.00
EUCLID__115KV_TB2 356179	21.25 -0.23 0.00	19.30 -0.20 0.00	17.76 -0.16 0.00	19.32 -0.16 0.00	19.70 -0.18 0.00	18.73 -0.18 0.00	19.53 -0.25 0.00	22.41 -0.35 0.00	19.66 -0.30 0.00	18.09 -0.25 0.00	17.65 -0.24 0.00	16.00 -0.22 0.00	9.70 -0.15 0.00	12.55 -0.22 0.00	15.46 -0.31 0.00	16.12 -0.33 0.00	16.06 -0.31 0.00	18.31 -0.37 0.00	21.67 -0.45 0.00	25.46 -0.47 0.00	19.00 -0.33 0.00	19.01 -0.37 0.00	18.86 -0.36 0.00	18.04 -0.30 0.00
E_CANADA_CAP_HY 24051	22.65 1.17 0.00	20.55 1.05 0.00	18.91 0.98 0.00	20.52 1.05 0.00	20.96 1.08 0.00	19.96 1.04 0.00	20.88 1.10 0.00	23.98 1.22 0.00	21.00 1.04 0.00	19.36 1.02 0.00	18.79 0.90 0.00	17.02 0.79 0.00	10.29 0.44 0.00	13.29 0.52 0.00	16.42 0.65 0.00	17.07 0.62 0.00	17.06 0.69 0.00	19.51 0.83 0.00	23.10 0.98 0.00	27.28 1.35 0.00	20.28 0.95 0.00	20.31 0.93 0.00	20.08 0.86 0.00	19.13 0.79 0.00
E_CANADA_MHWK_HY 24050	20.99 -0.50 0.00	19.00 -0.49 0.00	17.44 -0.49 0.00	18.86 -0.62 0.00	19.32 -0.56 0.00	18.46 -0.46 0.00	19.43 -0.35 0.00	22.49 -0.28 0.00	19.74 -0.22 0.00	18.07 -0.28 0.00	17.61 -0.27 0.00	15.95 -0.27 0.00	9.66 -0.19 0.00	12.61 -0.16 0.00	15.48 -0.29 0.00	16.14 -0.32 0.00	16.04 -0.33 0.00	18.51 -0.17 0.00	22.15 0.03 0.00	25.98 0.05 0.00	19.41 0.08 0.00	19.38 0.00 0.00	19.16 -0.07 0.00	18.16 -0.18 0.00
E_FISHKILL__LBMP 23776	21.86 0.38 0.00	19.83 0.34 0.00	18.19 0.27 0.00	19.74 0.26 0.00	20.18 0.30 0.00	19.24 0.32 0.00	20.21 0.43 0.00	23.42 0.66 0.00	20.57 0.61 0.00	18.89 0.55 0.00	18.51 0.63 0.00	16.81 0.59 0.00	10.21 0.36 0.00	13.25 0.48 0.00	16.32 0.55 0.00	17.03 0.57 0.00	16.94 0.58 0.00	19.36 0.68 0.00	22.96 0.84 0.00	26.94 1.01 0.00	20.10 0.77 0.00	20.14 0.76 0.00	19.95 0.73 0.00	19.00 0.66 0.00
FALCON__SEABRD_CC1 323796	22.03 0.55 0.00	20.04 0.55 0.00	18.37 0.45 0.00	19.93 0.45 0.00	20.41 0.52 0.00	19.38 0.46 0.00	20.26 0.48 0.00	23.39 0.63 0.00	20.49 0.53 0.00	18.75 0.41 0.00	18.10 0.21 0.00	16.35 0.12 0.00	9.93 0.08 0.00	12.98 0.21 0.00	16.08 0.31 0.00	16.78 0.33 0.00	16.72 0.36 0.00	19.21 0.53 0.00	22.78 0.66 0.00	26.53 0.60 0.00	19.53 0.20 0.00	19.68 0.30 0.00	19.56 0.33 0.00	18.56 0.22 0.00
FALCON__SEABRD_CC2 323797	22.03 0.55 0.00	20.04 0.55 0.00	18.37 0.45 0.00	19.93 0.45 0.00	20.41 0.52 0.00	19.38 0.46 0.00	20.26 0.48 0.00	23.39 0.63 0.00	20.49 0.53 0.00	18.75 0.41 0.00	18.10 0.21 0.00	16.35 0.12 0.00	9.93 0.08 0.00	12.98 0.21 0.00	16.08 0.31 0.00	16.78 0.33 0.00	16.72 0.36 0.00	19.21 0.53 0.00	22.78 0.66 0.00	26.53 0.60 0.00	19.53 0.20 0.00	19.68 0.30 0.00	19.56 0.33 0.00	18.56 0.22 0.00

FAR ROCKAWAY___4 23548	22.36 0.88 0.00	20.26 0.76 0.00	18.59 0.66 0.00	20.14 0.67 0.00	20.58 0.70 0.00	19.63 0.72 0.00	20.69 0.91 0.00	24.07 1.30 0.00	21.07 1.11 0.00	19.38 1.04 0.00	19.03 1.14 0.00	17.28 1.06 0.00	10.47 0.63 0.00	13.63 0.86 0.00	16.77 1.00 0.00	17.50 1.05 0.00	17.50 1.14 0.00	19.96 1.28 0.00	23.59 1.47 0.00	27.73 1.81 0.00	20.71 1.38 0.00	20.77 1.40 0.00	20.59 1.36 0.00	19.62 1.27 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.15 0.67 0.00	20.05 0.56 0.00	18.38 0.46 0.00	19.92 0.44 0.00	20.37 0.48 0.00	19.42 0.51 0.00	20.44 0.66 0.00	23.75 0.98 0.00	20.88 0.92 0.00	19.23 0.88 0.00	18.83 0.95 0.00	17.09 0.87 0.00	10.38 0.54 0.00	13.46 0.69 0.00	16.57 0.80 0.00	17.28 0.83 0.00	17.22 0.85 0.00	19.64 0.95 0.00	23.29 1.17 0.00	27.37 1.45 0.00	20.43 1.10 0.00	20.47 1.09 0.00	20.26 1.04 0.00	19.26 0.92 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.17 0.69 0.00	20.07 0.58 0.00	18.39 0.47 0.00	19.94 0.46 0.00	20.37 0.49 0.00	19.43 0.52 0.00	20.45 0.67 0.00	23.76 1.00 0.00	20.89 0.93 0.00	19.24 0.89 0.00	18.84 0.95 0.00	17.11 0.88 0.00	10.39 0.54 0.00	13.47 0.69 0.00	16.57 0.80 0.00	17.29 0.84 0.00	17.22 0.86 0.00	19.65 0.97 0.00	23.30 1.18 0.00	27.40 1.47 0.00	20.45 1.12 0.00	20.48 1.11 0.00	20.27 1.05 0.00	19.27 0.93 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.14 0.66 0.00	20.05 0.56 0.00	18.38 0.45 0.00	19.92 0.44 0.00	20.36 0.48 0.00	19.42 0.50 0.00	20.44 0.66 0.00	23.74 0.98 0.00	20.87 0.91 0.00	19.22 0.88 0.00	18.82 0.94 0.00	17.09 0.87 0.00	10.38 0.54 0.00	13.46 0.68 0.00	16.56 0.78 0.00	17.27 0.82 0.00	17.20 0.84 0.00	19.63 0.95 0.00	23.28 1.16 0.00	27.36 1.43 0.00	20.43 1.09 0.00	20.46 1.09 0.00	20.25 1.03 0.00	19.25 0.91 0.00
FARRAGUT___LBMP 323566	22.13 0.65 0.00	20.03 0.54 0.00	18.37 0.45 0.00	19.91 0.43 0.00	20.35 0.47 0.00	19.41 0.49 0.00	20.42 0.64 0.00	23.73 0.96 0.00	20.86 0.90 0.00	19.21 0.87 0.00	18.81 0.93 0.00	17.08 0.86 0.00	10.37 0.53 0.00	13.45 0.67 0.00	16.55 0.78 0.00	17.26 0.81 0.00	17.20 0.83 0.00	19.62 0.94 0.00	23.27 1.14 0.00	27.35 1.43 0.00	20.41 1.08 0.00	20.45 1.07 0.00	20.24 1.02 0.00	19.24 0.90 0.00
FENNER___WINDPWR 24204	21.76 0.28 0.00	19.74 0.25 0.00	18.15 0.22 0.00	19.75 0.27 0.00	20.17 0.29 0.00	19.20 0.28 0.00	20.09 0.31 0.00	23.11 0.35 0.00	20.26 0.30 0.00	18.60 0.25 0.00	18.14 0.26 0.00	16.39 0.17 0.00	9.92 0.07 0.00	12.84 0.07 0.00	15.82 0.04 0.00	16.50 0.05 0.00	16.43 0.06 0.00	18.82 0.14 0.00	22.38 0.26 0.00	26.31 0.38 0.00	19.60 0.27 0.00	19.59 0.22 0.00	19.42 0.20 0.00	18.51 0.17 0.00
FIBERTEK___ENERGY 23856	21.51 0.03 0.00	19.52 0.03 0.00	17.97 0.05 0.00	19.54 0.06 0.00	19.93 0.05 0.00	18.95 0.03 0.00	19.77 -0.01 0.00	22.70 -0.06 0.00	19.90 -0.06 0.00	18.30 -0.05 0.00	17.85 -0.03 0.00	16.19 -0.04 0.00	9.80 -0.05 0.00	12.66 -0.11 0.00	15.61 -0.16 0.00	16.28 -0.17 0.00	16.23 -0.13 0.00	18.51 -0.16 0.00	21.93 -0.19 0.00	25.78 -0.15 0.00	19.21 -0.12 0.00	19.22 -0.15 0.00	19.07 -0.15 0.00	18.24 -0.10 0.00
FITZPATRICK___ 23598	21.01 -0.47 0.00	19.09 -0.41 0.00	17.58 -0.34 0.00	19.11 -0.37 0.00	19.48 -0.40 0.00	18.52 -0.40 0.00	19.29 -0.49 0.00	22.13 -0.63 0.00	19.42 -0.54 0.00	17.88 -0.47 0.00	17.44 -0.45 0.00	15.82 -0.40 0.00	9.60 -0.24 0.00	12.44 -0.33 0.00	15.34 -0.43 0.00	15.99 -0.46 0.00	15.92 -0.45 0.00	18.14 -0.54 0.00	21.46 -0.66 0.00	25.20 -0.73 0.00	18.80 -0.53 0.00	18.82 -0.55 0.00	18.68 -0.54 0.00	17.87 -0.47 0.00
FLOWRFLD_69_KV_BK1 356044	22.15 0.67 0.00	20.09 0.60 0.00	18.50 0.58 0.00	20.03 0.56 0.00	20.44 0.56 0.00	19.49 0.57 0.00	20.56 0.79 0.00	24.08 1.31 0.00	21.02 1.06 0.00	19.36 1.02 0.00	18.98 1.09 0.00	17.25 1.02 0.00	10.44 0.59 0.00	13.57 0.80 0.00	16.73 0.96 0.00	17.38 0.93 0.00	17.41 1.05 0.00	19.77 1.09 0.00	23.41 1.29 0.00	27.59 1.66 0.00	20.58 1.25 0.00	20.66 1.29 0.00	20.45 1.22 0.00	19.52 1.18 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.11 0.63 0.00	20.04 0.55 0.00	18.39 0.47 0.00	19.96 0.49 0.00	20.41 0.53 0.00	19.46 0.54 0.00	20.45 0.67 0.00	23.71 0.94 0.00	20.81 0.85 0.00	19.10 0.75 0.00	18.70 0.81 0.00	16.98 0.76 0.00	10.31 0.47 0.00	13.36 0.59 0.00	16.45 0.68 0.00	17.16 0.71 0.00	17.11 0.74 0.00	19.57 0.89 0.00	23.24 1.11 0.00	27.27 1.35 0.00	20.34 1.01 0.00	20.39 1.01 0.00	20.18 0.96 0.00	19.21 0.87 0.00
FORT ORANGE___ 23900	21.87 0.39 0.00	19.87 0.38 0.00	18.25 0.33 0.00	19.84 0.36 0.00	20.26 0.38 0.00	19.31 0.39 0.00	20.22 0.44 0.00	23.33 0.57 0.00	20.45 0.49 0.00	18.71 0.36 0.00	18.27 0.39 0.00	16.64 0.41 0.00	10.09 0.24 0.00	13.12 0.35 0.00	16.17 0.40 0.00	16.87 0.42 0.00	16.76 0.40 0.00	19.20 0.52 0.00	22.80 0.68 0.00	26.71 0.79 0.00	19.97 0.63 0.00	19.99 0.61 0.00	19.83 0.60 0.00	18.88 0.54 0.00
FORT_DRUM_COGEN 23780	20.70 -0.78 0.00	19.16 -0.34 0.00	17.69 -0.23 0.00	19.34 -0.14 0.00	19.74 -0.14 0.00	18.84 -0.08 0.00	19.72 -0.06 0.00	22.71 -0.06 0.00	19.84 -0.12 0.00	18.09 -0.25 0.00	17.43 -0.46 0.00	15.78 -0.45 0.00	9.64 -0.21 0.00	12.59 -0.18 0.00	15.52 -0.25 0.00	15.99 -0.47 0.00	16.01 -0.36 0.00	18.53 -0.15 0.00	22.03 -0.09 0.00	25.97 0.05 0.00	19.23 -0.10 0.00	18.98 -0.39 0.00	18.92 -0.30 0.00	17.93 -0.41 0.00
FOX_HILLS___ESR 323835	22.17 0.69 0.00	20.07 0.58 0.00	18.40 0.48 0.00	19.94 0.46 0.00	20.39 0.51 0.00	19.45 0.54 0.00	20.47 0.69 0.00	23.78 1.02 0.00	20.91 0.95 0.00	19.25 0.90 0.00	18.84 0.95 0.00	17.09 0.86 0.00	10.38 0.54 0.00	13.45 0.67 0.00	16.54 0.77 0.00	17.27 0.81 0.00	17.20 0.84 0.00	19.63 0.95 0.00	23.30 1.18 0.00	27.39 1.46 0.00	20.44 1.11 0.00	20.49 1.11 0.00	20.42 1.20 0.00	19.42 1.08 0.00
FPL_FAR_ROCK_GT1 24212	22.38 0.90 0.00	20.25 0.76 0.00	18.59 0.66 0.00	20.15 0.67 0.00	20.58 0.70 0.00	19.63 0.71 0.00	20.69 0.91 0.00	24.07 1.30 0.00	21.07 1.11 0.00	19.38 1.04 0.00	19.03 1.14 0.00	17.28 1.06 0.00	10.47 0.62 0.00	13.63 0.86 0.00	16.77 1.00 0.00	17.50 1.05 0.00	17.50 1.14 0.00	19.96 1.28 0.00	23.59 1.47 0.00	27.73 1.81 0.00	20.71 1.38 0.00	20.77 1.40 0.00	20.59 1.36 0.00	19.62 1.27 0.00
FPL_FAR_ROCK_GT2 23815	22.38 0.90 0.00	20.25 0.76 0.00	18.59 0.66 0.00	20.15 0.67 0.00	20.58 0.70 0.00	19.63 0.71 0.00	20.69 0.91 0.00	24.07 1.30 0.00	21.07 1.11 0.00	19.38 1.04 0.00	19.03 1.14 0.00	17.28 1.06 0.00	10.47 0.62 0.00	13.63 0.86 0.00	16.77 1.00 0.00	17.50 1.05 0.00	17.50 1.14 0.00	19.96 1.28 0.00	23.59 1.47 0.00	27.73 1.81 0.00	20.71 1.38 0.00	20.77 1.40 0.00	20.59 1.36 0.00	19.62 1.27 0.00

FRANKLIN_FALL_HYD 24054	22.00 0.52 0.00	19.93 0.44 0.00	18.35 0.42 0.00	19.93 0.45 0.00	20.32 0.44 0.00	19.36 0.44 0.00	20.34 0.57 0.00	23.48 0.72 0.00	20.61 0.66 0.00	18.96 0.61 0.00	18.28 0.39 0.00	16.55 0.33 0.00	10.07 0.22 0.00	13.05 0.28 0.00	16.17 0.40 0.00	16.87 0.42 0.00	16.87 0.50 0.00	19.32 0.63 0.00	22.93 0.81 0.00	26.85 0.93 0.00	19.90 0.57 0.00	19.93 0.55 0.00	19.71 0.49 0.00	18.69 0.35 0.00
FREEPORT_EQUS_GT1 23764	22.22 0.73 0.00	20.12 0.63 0.00	18.47 0.54 0.00	20.02 0.54 0.00	20.45 0.56 0.00	19.49 0.57 0.00	20.54 0.76 0.00	23.93 1.17 0.00	20.96 0.99 0.00	19.27 0.93 0.00	18.91 1.03 0.00	17.18 0.96 0.00	10.41 0.56 0.00	13.52 0.75 0.00	16.65 0.87 0.00	17.35 0.90 0.00	17.36 1.00 0.00	19.78 1.10 0.00	23.40 1.28 0.00	27.53 1.61 0.00	20.55 1.22 0.00	20.61 1.23 0.00	20.41 1.19 0.00	19.47 1.12 0.00
FREEPORT___CT2 23818	22.22 0.73 0.00	20.12 0.63 0.00	18.47 0.54 0.00	20.02 0.54 0.00	20.45 0.56 0.00	19.49 0.57 0.00	20.54 0.76 0.00	23.93 1.17 0.00	20.96 0.99 0.00	19.27 0.93 0.00	18.91 1.03 0.00	17.18 0.96 0.00	10.41 0.56 0.00	13.52 0.75 0.00	16.65 0.87 0.00	17.35 0.90 0.00	17.36 1.00 0.00	19.78 1.10 0.00	23.40 1.28 0.00	27.53 1.61 0.00	20.55 1.22 0.00	20.61 1.23 0.00	20.41 1.19 0.00	19.47 1.12 0.00
FRESHKLS_33_KV_LOAD 356253	22.11 0.63 0.00	20.02 0.53 0.00	18.36 0.43 0.00	19.90 0.42 0.00	20.35 0.47 0.00	19.42 0.50 0.00	20.42 0.64 0.00	23.73 0.97 0.00	20.86 0.90 0.00	19.19 0.84 0.00	18.76 0.87 0.00	17.00 0.78 0.00	10.32 0.48 0.00	13.37 0.60 0.00	16.46 0.69 0.00	17.18 0.73 0.00	17.12 0.75 0.00	19.54 0.86 0.00	23.21 1.09 0.00	27.27 1.34 0.00	20.35 1.02 0.00	20.42 1.04 0.00	20.52 1.29 0.00	19.53 1.19 0.00
FULTON COGEN____ 23766	21.19 -0.29 0.00	19.24 -0.25 0.00	17.71 -0.21 0.00	19.27 -0.21 0.00	19.64 -0.24 0.00	18.69 -0.22 0.00	19.48 -0.31 0.00	22.35 -0.41 0.00	19.62 -0.34 0.00	18.05 -0.29 0.00	17.62 -0.27 0.00	15.97 -0.25 0.00	9.67 -0.17 0.00	12.50 -0.27 0.00	15.41 -0.36 0.00	16.04 -0.42 0.00	15.98 -0.38 0.00	18.28 -0.40 0.00	21.62 -0.50 0.00	25.40 -0.53 0.00	18.95 -0.38 0.00	18.96 -0.42 0.00	18.80 -0.42 0.00	17.98 -0.36 0.00
FULTON___LFGE 323630	23.40 1.92 0.00	21.20 1.71 0.00	19.48 1.56 0.00	21.16 1.68 0.00	21.61 1.73 0.00	20.61 1.69 0.00	21.61 1.83 0.00	24.88 2.12 0.00	21.81 1.85 0.00	20.05 1.71 0.00	19.27 1.39 0.00	17.43 1.21 0.00	10.47 0.62 0.00	13.58 0.80 0.00	16.64 0.87 0.00	17.22 0.76 0.00	17.31 0.95 0.00	20.06 1.38 0.00	24.05 1.92 0.00	28.55 2.63 0.00	21.21 1.87 0.00	21.23 1.86 0.00	20.94 1.71 0.00	19.89 1.55 0.00
G.F.CEMENT___DRP 24184	22.00 0.52 0.00	20.02 0.53 0.00	18.40 0.48 0.00	20.00 0.53 0.00	20.44 0.56 0.00	19.51 0.59 0.00	20.45 0.67 0.00	23.60 0.84 0.00	20.68 0.72 0.00	18.89 0.54 0.00	18.38 0.49 0.00	16.63 0.41 0.00	10.12 0.27 0.00	13.21 0.44 0.00	16.27 0.50 0.00	16.98 0.53 0.00	16.89 0.53 0.00	19.46 0.78 0.00	23.15 1.03 0.00	27.05 1.12 0.00	20.19 0.86 0.00	20.22 0.84 0.00	20.06 0.83 0.00	19.06 0.72 0.00
GARDENVILLE___LBMP 24039	20.97 -0.51 0.00	19.04 -0.45 0.00	17.66 -0.26 0.00	19.28 -0.20 0.00	19.65 -0.24 0.00	18.57 -0.34 0.00	19.33 -0.45 0.00	21.73 -1.04 0.00	19.02 -0.94 0.00	17.58 -0.76 0.00	17.15 -0.74 0.00	15.51 -0.71 0.00	9.33 -0.52 0.00	12.00 -0.78 0.00	14.69 -1.08 0.00	15.33 -1.12 0.00	15.21 -1.15 0.00	17.11 -1.57 0.00	20.12 -2.01 0.00	23.83 -2.10 0.00	17.75 -1.58 0.00	17.78 -1.60 0.00	17.81 -1.41 0.00	17.28 -1.06 0.00
GARDNVLA_35_KV_LD 355827	21.08 -0.40 0.00	19.13 -0.36 0.00	17.74 -0.18 0.00	19.37 -0.11 0.00	19.74 -0.14 0.00	18.66 -0.26 0.00	19.43 -0.35 0.00	21.84 -0.92 0.00	19.11 -0.85 0.00	17.67 -0.68 0.00	17.23 -0.65 0.00	15.59 -0.63 0.00	9.38 -0.47 0.00	12.05 -0.72 0.00	14.76 -1.01 0.00	15.40 -1.05 0.00	15.28 -1.08 0.00	17.19 -1.49 0.00	20.21 -1.91 0.00	23.96 -1.97 0.00	17.84 -1.49 0.00	17.87 -1.51 0.00	17.90 -1.33 0.00	17.36 -0.98 0.00
GELCKHM___115KV_LOAD 80723	21.34 -0.14 0.00	19.38 -0.12 0.00	17.84 -0.09 0.00	19.40 -0.08 0.00	19.78 -0.10 0.00	18.81 -0.11 0.00	19.61 -0.17 0.00	22.52 -0.24 0.00	19.75 -0.21 0.00	18.17 -0.17 0.00	17.72 -0.16 0.00	16.07 -0.15 0.00	9.74 -0.11 0.00	12.59 -0.18 0.00	15.52 -0.25 0.00	16.18 -0.27 0.00	16.12 -0.24 0.00	18.39 -0.29 0.00	21.77 -0.35 0.00	25.57 -0.36 0.00	19.08 -0.25 0.00	19.09 -0.29 0.00	18.94 -0.29 0.00	18.11 -0.23 0.00
GENERAL___MILLS 23808	21.06 -0.43 0.00	19.11 -0.38 0.00	17.72 -0.20 0.00	19.35 -0.13 0.00	19.71 -0.17 0.00	18.65 -0.27 0.00	19.40 -0.38 0.00	21.81 -0.95 0.00	19.09 -0.87 0.00	17.64 -0.70 0.00	17.21 -0.68 0.00	15.57 -0.66 0.00	9.36 -0.48 0.00	12.04 -0.74 0.00	14.74 -1.03 0.00	15.38 -1.07 0.00	15.26 -1.10 0.00	17.16 -1.52 0.00	20.18 -1.94 0.00	23.91 -2.01 0.00	17.82 -1.52 0.00	17.84 -1.53 0.00	17.87 -1.35 0.00	17.34 -1.00 0.00
GE_PLASTICS___DRP 24183	21.73 0.25 0.00	19.74 0.25 0.00	18.14 0.21 0.00	19.71 0.23 0.00	20.13 0.25 0.00	19.18 0.26 0.00	20.08 0.30 0.00	23.16 0.40 0.00	20.32 0.36 0.00	18.62 0.27 0.00	18.19 0.30 0.00	16.55 0.32 0.00	10.04 0.20 0.00	13.06 0.28 0.00	16.11 0.33 0.00	16.80 0.35 0.00	16.69 0.32 0.00	19.09 0.41 0.00	22.64 0.52 0.00	26.51 0.58 0.00	19.81 0.48 0.00	19.84 0.46 0.00	19.68 0.45 0.00	18.75 0.41 0.00
GILBOA___1 23756	21.70 0.22 0.00	19.69 0.20 0.00	18.08 0.16 0.00	19.63 0.15 0.00	20.06 0.18 0.00	19.12 0.20 0.00	20.05 0.27 0.00	23.18 0.42 0.00	20.34 0.38 0.00	18.67 0.33 0.00	18.27 0.38 0.00	16.59 0.37 0.00	10.08 0.23 0.00	13.09 0.32 0.00	16.14 0.37 0.00	16.84 0.39 0.00	16.74 0.37 0.00	19.13 0.45 0.00	22.69 0.57 0.00	26.59 0.66 0.00	19.85 0.52 0.00	19.88 0.51 0.00	19.71 0.49 0.00	18.78 0.43 0.00
GILBOA___2 23757	21.70 0.22 0.00	19.69 0.20 0.00	18.08 0.16 0.00	19.63 0.15 0.00	20.06 0.18 0.00	19.12 0.20 0.00	20.05 0.27 0.00	23.18 0.42 0.00	20.34 0.38 0.00	18.67 0.33 0.00	18.27 0.38 0.00	16.59 0.37 0.00	10.08 0.23 0.00	13.09 0.32 0.00	16.14 0.37 0.00	16.84 0.39 0.00	16.74 0.37 0.00	19.13 0.45 0.00	22.69 0.57 0.00	26.59 0.66 0.00	19.85 0.52 0.00	19.88 0.51 0.00	19.71 0.49 0.00	18.78 0.43 0.00
GILBOA___3 23758	21.64 0.16 0.00	19.63 0.14 0.00	18.04 0.12 0.00	19.60 0.13 0.00	20.02 0.14 0.00	19.06 0.15 0.00	19.97 0.19 0.00	23.03 0.27 0.00	20.20 0.23 0.00	18.55 0.20 0.00	18.12 0.23 0.00	16.44 0.21 0.00	9.97 0.13 0.00	12.95 0.18 0.00	16.05 0.28 0.00	16.75 0.29 0.00	16.58 0.21 0.00	18.92 0.24 0.00	22.44 0.31 0.00	26.30 0.37 0.00	19.63 0.30 0.00	19.66 0.29 0.00	19.50 0.28 0.00	18.59 0.25 0.00

GILBOA___4 23759	21.64 0.16 0.00	19.63 0.14 0.00	18.04 0.12 0.00	19.60 0.13 0.00	20.02 0.14 0.00	19.06 0.15 0.00	19.97 0.19 0.00	23.03 0.27 0.00	20.20 0.23 0.00	18.55 0.20 0.00	18.12 0.23 0.00	16.44 0.21 0.00	9.97 0.13 0.00	12.95 0.18 0.00	16.05 0.28 0.00	16.75 0.29 0.00	16.58 0.21 0.00	18.92 0.24 0.00	22.44 0.31 0.00	26.30 0.37 0.00	19.63 0.30 0.00	19.66 0.29 0.00	19.50 0.28 0.00	18.59 0.25 0.00
GILBOA____ 23599	21.63 0.15 0.00	19.63 0.14 0.00	18.04 0.12 0.00	19.60 0.13 0.00	20.02 0.14 0.00	19.07 0.15 0.00	19.97 0.19 0.00	23.03 0.27 0.00	20.19 0.23 0.00	18.54 0.20 0.00	18.12 0.23 0.00	16.44 0.21 0.00	9.97 0.13 0.00	12.95 0.18 0.00	16.05 0.28 0.00	16.74 0.29 0.00	16.58 0.21 0.00	18.92 0.24 0.00	22.44 0.31 0.00	26.30 0.37 0.00	19.63 0.30 0.00	19.66 0.29 0.00	19.50 0.28 0.00	18.59 0.25 0.00
GINNA____ 23603	20.11 -1.37 0.00	18.29 -1.20 0.00	16.89 -1.04 0.00	18.38 -1.10 0.00	18.74 -1.15 0.00	17.79 -1.13 0.00	18.55 -1.23 0.00	21.13 -1.63 0.00	18.54 -1.42 0.00	17.10 -1.24 0.00	16.64 -1.24 0.00	15.06 -1.16 0.00	9.08 -0.76 0.00	11.71 -1.06 0.00	14.40 -1.38 0.00	15.05 -1.40 0.00	15.01 -1.35 0.00	17.07 -1.61 0.00	20.14 -1.98 0.00	23.74 -2.19 0.00	17.69 -1.64 0.00	17.71 -1.67 0.00	17.61 -1.61 0.00	16.93 -1.41 0.00
GLEN PARK____ 23778	20.73 -0.75 0.00	19.17 -0.32 0.00	17.70 -0.22 0.00	19.35 -0.13 0.00	19.74 -0.14 0.00	18.86 -0.06 0.00	19.73 -0.05 0.00	22.73 -0.03 0.00	19.86 -0.10 0.00	18.10 -0.25 0.00	17.40 -0.49 0.00	15.78 -0.45 0.00	9.64 -0.20 0.00	12.60 -0.17 0.00	15.53 -0.24 0.00	15.95 -0.50 0.00	15.98 -0.38 0.00	18.54 -0.14 0.00	22.05 -0.07 0.00	26.02 0.09 0.00	19.27 -0.07 0.00	19.02 -0.36 0.00	18.95 -0.28 0.00	17.95 -0.39 0.00
GLENDALE_27_KV_LOAD 356172	22.27 0.78 0.00	20.15 0.66 0.00	18.48 0.55 0.00	20.01 0.54 0.00	20.47 0.58 0.00	19.52 0.60 0.00	20.54 0.76 0.00	23.87 1.11 0.00	20.99 1.03 0.00	19.33 0.99 0.00	18.93 1.04 0.00	17.18 0.96 0.00	10.44 0.60 0.00	13.53 0.76 0.00	16.64 0.87 0.00	17.36 0.91 0.00	17.30 0.94 0.00	19.73 1.05 0.00	23.41 1.29 0.00	27.52 1.60 0.00	20.54 1.21 0.00	20.58 1.20 0.00	20.38 1.15 0.00	19.37 1.03 0.00
GLENWOOD_IC_1_G5 23712	22.21 0.73 0.00	20.12 0.63 0.00	18.48 0.55 0.00	20.02 0.55 0.00	20.45 0.57 0.00	19.50 0.58 0.00	20.55 0.77 0.00	23.92 1.16 0.00	20.96 1.00 0.00	19.28 0.94 0.00	18.92 1.04 0.00	17.20 0.97 0.00	10.42 0.57 0.00	13.55 0.78 0.00	16.68 0.91 0.00	17.39 0.94 0.00	17.38 1.02 0.00	19.81 1.13 0.00	23.44 1.32 0.00	27.55 1.62 0.00	20.56 1.23 0.00	20.62 1.24 0.00	20.42 1.20 0.00	19.47 1.12 0.00
GLENWOOD_IC_2_G1 23688	22.18 0.70 0.00	20.09 0.60 0.00	18.44 0.52 0.00	19.99 0.51 0.00	20.42 0.53 0.00	19.47 0.55 0.00	20.51 0.73 0.00	23.88 1.11 0.00	20.92 0.96 0.00	19.25 0.90 0.00	18.88 0.99 0.00	17.15 0.93 0.00	10.40 0.55 0.00	13.52 0.74 0.00	16.64 0.87 0.00	17.35 0.90 0.00	17.34 0.98 0.00	19.76 1.08 0.00	23.38 1.26 0.00	27.48 1.56 0.00	20.52 1.18 0.00	20.58 1.20 0.00	20.37 1.15 0.00	19.42 1.08 0.00
GLENWOOD_IC_3_G1 23689	22.18 0.70 0.00	20.09 0.60 0.00	18.44 0.52 0.00	19.99 0.51 0.00	20.42 0.53 0.00	19.47 0.55 0.00	20.51 0.73 0.00	23.88 1.11 0.00	20.92 0.96 0.00	19.25 0.90 0.00	18.88 0.99 0.00	17.15 0.93 0.00	10.40 0.55 0.00	13.52 0.74 0.00	16.64 0.87 0.00	17.35 0.90 0.00	17.34 0.98 0.00	19.76 1.08 0.00	23.38 1.26 0.00	27.48 1.56 0.00	20.52 1.18 0.00	20.58 1.20 0.00	20.37 1.15 0.00	19.42 1.08 0.00
GLENWOOD___4 23550	22.21 0.73 0.00	20.12 0.63 0.00	18.48 0.55 0.00	20.02 0.55 0.00	20.45 0.57 0.00	19.50 0.58 0.00	20.55 0.77 0.00	23.92 1.16 0.00	20.96 1.00 0.00	19.28 0.94 0.00	18.92 1.04 0.00	17.20 0.97 0.00	10.42 0.57 0.00	13.55 0.78 0.00	16.68 0.91 0.00	17.39 0.94 0.00	17.38 1.02 0.00	19.81 1.13 0.00	23.44 1.32 0.00	27.55 1.62 0.00	20.56 1.23 0.00	20.62 1.24 0.00	20.42 1.20 0.00	19.47 1.12 0.00
GLENWOOD___5 23614	22.21 0.73 0.00	20.12 0.63 0.00	18.48 0.55 0.00	20.02 0.55 0.00	20.45 0.57 0.00	19.50 0.58 0.00	20.55 0.77 0.00	23.92 1.16 0.00	20.96 1.00 0.00	19.28 0.94 0.00	18.92 1.04 0.00	17.20 0.97 0.00	10.42 0.57 0.00	13.55 0.78 0.00	16.68 0.91 0.00	17.39 0.94 0.00	17.38 1.02 0.00	19.81 1.13 0.00	23.44 1.32 0.00	27.55 1.62 0.00	20.56 1.23 0.00	20.62 1.24 0.00	20.42 1.20 0.00	19.47 1.12 0.00
GLOBAL GREEN_PORT_GT1 23814	22.35 0.87 0.00	20.31 0.82 0.00	18.82 0.90 0.00	20.40 0.92 0.00	20.83 0.94 0.00	19.86 0.94 0.00	21.00 1.22 0.00	24.72 1.96 0.00	21.47 1.51 0.00	19.76 1.42 0.00	19.30 1.41 0.00	17.50 1.28 0.00	10.54 0.70 0.00	13.68 0.91 0.00	16.82 1.05 0.00	17.44 0.99 0.00	17.50 1.14 0.00	19.68 1.00 0.00	23.38 1.26 0.00	27.68 1.75 0.00	20.61 1.28 0.00	20.71 1.33 0.00	20.46 1.23 0.00	19.53 1.19 0.00
GLOBE___DSASP 323697	20.16 -1.33 0.00	18.45 -1.04 0.00	17.13 -0.79 0.00	18.68 -0.80 0.00	19.02 -0.86 0.00	17.98 -0.94 0.00	18.66 -1.12 0.00	20.87 -1.89 0.00	18.30 -1.66 0.00	16.93 -1.42 0.00	16.50 -1.39 0.00	14.96 -1.27 0.00	9.03 -0.82 0.00	11.61 -1.17 0.00	14.18 -1.60 0.00	14.78 -1.68 0.00	14.68 -1.69 0.00	16.49 -2.19 0.00	19.32 -2.80 0.00	22.92 -3.01 0.00	17.11 -2.23 0.00	17.17 -2.21 0.00	17.20 -2.02 0.00	16.77 -1.57 0.00
GOETHSLN___LBMP 323567	22.01 0.53 0.00	19.93 0.44 0.00	18.27 0.34 0.00	19.80 0.32 0.00	20.24 0.36 0.00	19.30 0.38 0.00	20.31 0.53 0.00	23.61 0.85 0.00	20.76 0.80 0.00	19.11 0.77 0.00	18.71 0.83 0.00	16.98 0.76 0.00	10.32 0.47 0.00	13.37 0.60 0.00	16.45 0.68 0.00	17.16 0.71 0.00	17.10 0.74 0.00	19.51 0.83 0.00	23.14 1.02 0.00	27.21 1.28 0.00	20.30 0.97 0.00	20.35 0.97 0.00	20.12 0.90 0.00	19.13 0.79 0.00
GOLAH___69_KV_TB 1_2 80279	21.19 -0.29 0.00	19.26 -0.24 0.00	17.80 -0.12 0.00	19.39 -0.09 0.00	19.77 -0.11 0.00	18.74 -0.18 0.00	19.52 -0.26 0.00	22.14 -0.63 0.00	19.43 -0.53 0.00	17.93 -0.42 0.00	17.44 -0.45 0.00	15.76 -0.47 0.00	9.48 -0.37 0.00	12.21 -0.56 0.00	14.98 -0.79 0.00	15.67 -0.78 0.00	15.63 -0.73 0.00	17.73 -0.95 0.00	20.90 -1.23 0.00	24.70 -1.23 0.00	18.41 -0.93 0.00	18.44 -0.94 0.00	18.37 -0.85 0.00	17.72 -0.62 0.00
GOODYEAR_LAKE_HYD 323669	22.16 0.68 0.00	20.07 0.58 0.00	18.47 0.54 0.00	20.05 0.57 0.00	20.48 0.60 0.00	19.52 0.60 0.00	20.44 0.66 0.00	23.56 0.79 0.00	20.66 0.70 0.00	19.02 0.68 0.00	18.56 0.67 0.00	16.81 0.59 0.00	10.17 0.32 0.00	13.13 0.36 0.00	16.19 0.42 0.00	16.87 0.42 0.00	16.81 0.44 0.00	19.20 0.52 0.00	22.77 0.65 0.00	26.80 0.87 0.00	19.94 0.60 0.00	19.96 0.58 0.00	19.76 0.54 0.00	18.83 0.49 0.00

GOUDEY___7 345031	21.56 0.07 0.00	19.50 0.01 0.00	17.96 0.04 0.00	19.56 0.08 0.00	19.94 0.06 0.00	18.96 0.04 0.00	19.86 0.08 0.00	22.80 0.04 0.00	19.96 0.00 0.00	18.35 0.00 0.00	17.92 0.03 0.00	16.20 -0.02 0.00	9.79 -0.06 0.00	12.67 -0.10 0.00	15.63 -0.14 0.00	16.30 -0.15 0.00	16.23 -0.13 0.00	18.46 -0.22 0.00	21.93 -0.19 0.00	25.79 -0.14 0.00	19.21 -0.12 0.00	19.23 -0.15 0.00	19.10 -0.13 0.00	18.22 -0.12 0.00
GOUDEY___7 23579	21.57 0.09 0.00	19.52 0.03 0.00	17.97 0.05 0.00	19.57 0.10 0.00	19.95 0.07 0.00	18.98 0.06 0.00	19.88 0.10 0.00	22.82 0.05 0.00	19.98 0.02 0.00	18.36 0.01 0.00	17.93 0.05 0.00	16.21 -0.01 0.00	9.80 -0.05 0.00	12.68 -0.09 0.00	15.64 -0.13 0.00	16.31 -0.14 0.00	16.24 -0.12 0.00	18.47 -0.21 0.00	21.95 -0.17 0.00	25.81 -0.12 0.00	19.22 -0.11 0.00	19.24 -0.14 0.00	19.11 -0.11 0.00	18.23 -0.11 0.00
GOUDEY___8 23580	21.56 0.07 0.00	19.50 0.01 0.00	17.96 0.04 0.00	19.56 0.08 0.00	19.94 0.06 0.00	18.96 0.04 0.00	19.86 0.08 0.00	22.80 0.04 0.00	19.96 0.00 0.00	18.35 0.00 0.00	17.92 0.03 0.00	16.20 -0.02 0.00	9.79 -0.06 0.00	12.67 -0.10 0.00	15.63 -0.14 0.00	16.30 -0.15 0.00	16.23 -0.13 0.00	18.46 -0.22 0.00	21.93 -0.19 0.00	25.79 -0.14 0.00	19.21 -0.12 0.00	19.23 -0.15 0.00	19.10 -0.13 0.00	18.22 -0.12 0.00
GOWANUS_GT1_1 24077	22.20 0.72 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.81 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.87 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT1_2 24078	22.20 0.72 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.81 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.87 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT1_3 24079	22.20 0.72 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.81 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.87 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT1_4 24080	22.20 0.72 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.81 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.87 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT1_5 24084	22.20 0.72 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.81 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.87 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT1_6 24111	22.20 0.72 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.81 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.87 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT1_7 24112	22.20 0.72 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.81 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.87 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT1_8 24113	22.20 0.72 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.81 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.87 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT2_1 24114	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT2_2 24115	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT2_3 24116	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT2_4 24117	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00

GOWANUS_GT2_5 24118	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT2_6 24119	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT2_7 24120	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT2_8 24121	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT3_1 24122	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT3_2 24123	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT3_3 24124	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT3_4 24125	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT3_5 24126	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT3_6 24127	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT3_7 24128	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT3_8 24129	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT4_1 24130	22.20 0.72 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.81 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.87 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT4_2 24131	22.20 0.72 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.81 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.87 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT4_3 24132	22.20 0.72 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.81 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.87 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00

GOWANUS_GT4_4 24133	22.20 0.72 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.81 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.87 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT4_5 24134	22.20 0.72 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.81 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.87 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT4_6 24135	22.20 0.72 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.81 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.87 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT4_7 24136	22.20 0.72 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.81 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.87 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GOWANUS_GT4_8 24137	22.20 0.72 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.81 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.87 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GREENBSH_115KV_TB3 55895	21.76 0.28 0.00	19.78 0.29 0.00	18.17 0.24 0.00	19.74 0.26 0.00	20.16 0.28 0.00	19.21 0.30 0.00	20.11 0.33 0.00	23.21 0.45 0.00	20.36 0.40 0.00	18.65 0.30 0.00	18.23 0.34 0.00	16.58 0.36 0.00	10.06 0.22 0.00	13.09 0.32 0.00	16.15 0.38 0.00	16.85 0.40 0.00	16.74 0.37 0.00	19.14 0.47 0.00	22.70 0.58 0.00	26.57 0.64 0.00	19.86 0.53 0.00	19.88 0.51 0.00	19.73 0.50 0.00	18.80 0.46 0.00
GREENDGE_115KV_TB5 80291	21.87 0.39 0.00	19.82 0.32 0.00	18.22 0.29 0.00	19.89 0.42 0.00	20.30 0.42 0.00	19.31 0.39 0.00	20.29 0.51 0.00	23.25 0.49 0.00	20.33 0.38 0.00	18.55 0.21 0.00	18.06 0.17 0.00	16.18 -0.04 0.00	9.71 -0.13 0.00	12.47 -0.30 0.00	15.39 -0.38 0.00	16.13 -0.32 0.00	16.09 -0.27 0.00	18.39 -0.30 0.00	22.04 -0.08 0.00	25.99 0.07 0.00	19.36 0.03 0.00	19.24 -0.13 0.00	19.10 -0.12 0.00	18.24 -0.09 0.00
GREENIDGE___3 23582	21.87 0.39 0.00	19.82 0.32 0.00	18.22 0.29 0.00	19.89 0.42 0.00	20.30 0.42 0.00	19.31 0.39 0.00	20.29 0.51 0.00	23.25 0.49 0.00	20.33 0.38 0.00	18.55 0.21 0.00	18.06 0.17 0.00	16.18 -0.04 0.00	9.71 -0.13 0.00	12.47 -0.30 0.00	15.39 -0.38 0.00	16.13 -0.32 0.00	16.09 -0.27 0.00	18.39 -0.30 0.00	22.04 -0.08 0.00	25.99 0.07 0.00	19.36 0.03 0.00	19.24 -0.13 0.00	19.10 -0.12 0.00	18.24 -0.09 0.00
GREENIDGE___4 23583	21.86 0.38 0.00	19.82 0.32 0.00	18.22 0.29 0.00	19.89 0.41 0.00	20.30 0.41 0.00	19.31 0.39 0.00	20.29 0.51 0.00	23.25 0.49 0.00	20.34 0.38 0.00	18.55 0.21 0.00	18.05 0.17 0.00	16.18 -0.04 0.00	9.71 -0.13 0.00	12.47 -0.30 0.00	15.39 -0.38 0.00	16.13 -0.32 0.00	16.09 -0.27 0.00	18.39 -0.30 0.00	22.04 -0.08 0.00	26.00 0.07 0.00	19.37 0.03 0.00	19.24 -0.13 0.00	19.10 -0.12 0.00	18.25 -0.09 0.00
GREENLWN_69_KV_BK 3 55738	22.04 0.56 0.00	19.99 0.50 0.00	18.36 0.44 0.00	19.90 0.42 0.00	20.32 0.43 0.00	19.36 0.44 0.00	20.39 0.61 0.00	23.78 1.02 0.00	20.81 0.85 0.00	19.15 0.81 0.00	18.80 0.91 0.00	17.09 0.87 0.00	10.36 0.51 0.00	13.47 0.69 0.00	16.58 0.81 0.00	17.27 0.82 0.00	17.26 0.90 0.00	19.64 0.96 0.00	23.23 1.11 0.00	27.30 1.37 0.00	20.38 1.05 0.00	20.44 1.07 0.00	20.25 1.03 0.00	19.34 0.99 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.20 0.72 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.81 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.87 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
GRISSOM___SOLAR 323813	23.40 1.92 0.00	21.20 1.71 0.00	19.48 1.56 0.00	21.16 1.68 0.00	21.61 1.73 0.00	20.61 1.69 0.00	21.61 1.83 0.00	24.88 2.12 0.00	21.81 1.85 0.00	20.05 1.71 0.00	19.27 1.39 0.00	17.43 1.21 0.00	10.47 0.62 0.00	13.58 0.80 0.00	16.64 0.87 0.00	17.22 0.76 0.00	17.31 0.95 0.00	20.06 1.38 0.00	24.05 1.92 0.00	28.55 2.63 0.00	21.21 1.87 0.00	21.23 1.86 0.00	20.94 1.71 0.00	19.89 1.55 0.00
GROVEVILLE___HYD 323602	22.11 0.63 0.00	20.04 0.55 0.00	18.39 0.47 0.00	19.96 0.49 0.00	20.41 0.53 0.00	19.46 0.54 0.00	20.45 0.67 0.00	23.71 0.94 0.00	20.81 0.85 0.00	19.10 0.75 0.00	18.70 0.81 0.00	16.98 0.76 0.00	10.31 0.47 0.00	13.36 0.59 0.00	16.45 0.68 0.00	17.16 0.71 0.00	17.11 0.74 0.00	19.57 0.89 0.00	23.24 1.11 0.00	27.27 1.35 0.00	20.34 1.01 0.00	20.39 1.01 0.00	20.18 0.96 0.00	19.21 0.87 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.51 0.03 0.00	19.52 0.03 0.00	17.97 0.05 0.00	19.54 0.06 0.00	19.93 0.05 0.00	18.95 0.03 0.00	19.77 -0.01 0.00	22.70 -0.06 0.00	19.90 -0.06 0.00	18.30 -0.05 0.00	17.85 -0.03 0.00	16.19 -0.04 0.00	9.80 -0.05 0.00	12.66 -0.11 0.00	15.61 -0.16 0.00	16.28 -0.17 0.00	16.23 -0.13 0.00	18.51 -0.16 0.00	21.93 -0.19 0.00	25.78 -0.15 0.00	19.21 -0.12 0.00	19.22 -0.15 0.00	19.07 -0.15 0.00	18.24 -0.10 0.00
HAMLTNNY_34_KV_TB 80303	21.55 0.07 0.00	19.56 0.07 0.00	18.01 0.09 0.00	19.58 0.11 0.00	19.98 0.10 0.00	18.98 0.07 0.00	19.81 0.04 0.00	22.77 0.01 0.00	19.94 -0.02 0.00	18.34 -0.01 0.00	17.88 -0.01 0.00	16.21 -0.01 0.00	9.80 -0.05 0.00	12.65 -0.12 0.00	15.59 -0.18 0.00	16.29 -0.16 0.00	16.24 -0.12 0.00	18.50 -0.18 0.00	21.96 -0.17 0.00	25.81 -0.11 0.00	19.22 -0.11 0.00	19.24 -0.13 0.00	19.09 -0.13 0.00	18.26 -0.08 0.00

HAMPSHIRE___PAPER_HYD 323593	20.70 -0.79 0.00	18.96 -0.54 0.00	17.48 -0.45 0.00	19.04 -0.43 0.00	19.45 -0.43 0.00	18.53 -0.38 0.00	19.41 -0.37 0.00	22.35 -0.41 0.00	19.54 -0.42 0.00	17.89 -0.46 0.00	17.30 -0.59 0.00	15.65 -0.58 0.00	9.54 -0.30 0.00	12.42 -0.35 0.00	15.38 -0.40 0.00	15.96 -0.49 0.00	15.95 -0.42 0.00	18.33 -0.36 0.00	21.74 -0.38 0.00	25.51 -0.41 0.00	18.91 -0.42 0.00	18.84 -0.54 0.00	18.72 -0.51 0.00	17.75 -0.59 0.00
HARDSCRABBLE_WT_PWR 323673	21.06 -0.42 0.00	19.07 -0.42 0.00	17.50 -0.42 0.00	18.91 -0.57 0.00	19.38 -0.50 0.00	18.51 -0.41 0.00	19.48 -0.30 0.00	22.50 -0.26 0.00	19.75 -0.21 0.00	18.11 -0.24 0.00	17.66 -0.22 0.00	16.01 -0.21 0.00	9.70 -0.14 0.00	12.67 -0.11 0.00	15.56 -0.21 0.00	16.22 -0.23 0.00	16.12 -0.25 0.00	18.57 -0.11 0.00	22.18 0.06 0.00	26.01 0.08 0.00	19.43 0.10 0.00	19.40 0.02 0.00	19.16 -0.06 0.00	18.16 -0.18 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.04 0.56 0.00	19.96 0.47 0.00	18.29 0.37 0.00	19.87 0.39 0.00	20.31 0.43 0.00	19.36 0.44 0.00	20.36 0.58 0.00	23.62 0.85 0.00	20.73 0.78 0.00	19.04 0.69 0.00	18.63 0.74 0.00	16.91 0.69 0.00	10.26 0.42 0.00	13.30 0.53 0.00	16.37 0.60 0.00	17.08 0.63 0.00	17.03 0.66 0.00	19.47 0.79 0.00	23.11 0.99 0.00	27.13 1.21 0.00	20.23 0.90 0.00	20.29 0.91 0.00	20.09 0.87 0.00	19.13 0.79 0.00
HARSNRAD_115KV_TB1 81005	20.63 -0.85 0.00	18.77 -0.72 0.00	17.40 -0.52 0.00	18.98 -0.49 0.00	19.35 -0.53 0.00	18.29 -0.63 0.00	19.00 -0.79 0.00	21.27 -1.49 0.00	18.65 -1.31 0.00	17.25 -1.09 0.00	16.81 -1.07 0.00	15.22 -1.00 0.00	9.16 -0.68 0.00	11.77 -1.00 0.00	14.37 -1.40 0.00	15.01 -1.44 0.00	14.93 -1.44 0.00	16.80 -1.88 0.00	19.70 -2.42 0.00	23.38 -2.55 0.00	17.43 -1.90 0.00	17.48 -1.90 0.00	17.50 -1.73 0.00	17.04 -1.30 0.00
HARZA MOOSE___RIVER 24016	21.29 -0.19 0.00	19.52 0.03 0.00	18.00 0.07 0.00	19.62 0.14 0.00	20.05 0.17 0.00	19.11 0.19 0.00	20.00 0.22 0.00	23.04 0.27 0.00	20.16 0.20 0.00	18.48 0.13 0.00	17.95 0.06 0.00	16.20 -0.02 0.00	9.85 0.01 0.00	12.81 0.04 0.00	15.80 0.03 0.00	16.42 -0.03 0.00	16.35 -0.01 0.00	18.83 0.15 0.00	22.39 0.27 0.00	26.31 0.39 0.00	19.54 0.21 0.00	19.43 0.05 0.00	19.30 0.07 0.00	18.31 -0.03 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	21.35 -0.13 0.00	19.38 -0.12 0.00	17.84 -0.09 0.00	19.40 -0.08 0.00	19.79 -0.10 0.00	18.82 -0.10 0.00	19.62 -0.16 0.00	22.51 -0.25 0.00	19.75 -0.21 0.00	18.17 -0.17 0.00	17.73 -0.16 0.00	16.07 -0.15 0.00	9.74 -0.11 0.00	12.59 -0.18 0.00	15.52 -0.25 0.00	16.18 -0.27 0.00	16.12 -0.25 0.00	18.38 -0.30 0.00	21.76 -0.36 0.00	25.57 -0.36 0.00	19.08 -0.25 0.00	19.09 -0.29 0.00	18.94 -0.29 0.00	18.11 -0.23 0.00
HELLGATE_13_KV_LD 55870	22.20 0.72 0.00	20.10 0.61 0.00	18.43 0.50 0.00	19.96 0.48 0.00	20.41 0.52 0.00	19.47 0.55 0.00	20.48 0.70 0.00	23.79 1.03 0.00	20.93 0.97 0.00	19.27 0.93 0.00	18.87 0.98 0.00	17.12 0.90 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.81 0.00	17.30 0.85 0.00	17.24 0.87 0.00	19.66 0.98 0.00	23.33 1.21 0.00	27.43 1.50 0.00	20.48 1.15 0.00	20.50 1.13 0.00	20.30 1.08 0.00	19.31 0.97 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.20 0.72 0.00	20.10 0.61 0.00	18.43 0.50 0.00	19.96 0.48 0.00	20.41 0.52 0.00	19.47 0.55 0.00	20.48 0.70 0.00	23.79 1.03 0.00	20.93 0.97 0.00	19.27 0.93 0.00	18.87 0.98 0.00	17.12 0.90 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.81 0.00	17.30 0.85 0.00	17.24 0.87 0.00	19.66 0.98 0.00	23.33 1.21 0.00	27.43 1.50 0.00	20.48 1.15 0.00	20.50 1.13 0.00	20.30 1.08 0.00	19.31 0.97 0.00
HEMPSTEAD____ 23647	22.10 0.62 0.00	20.01 0.52 0.00	18.37 0.45 0.00	19.91 0.44 0.00	20.35 0.47 0.00	19.39 0.48 0.00	20.44 0.66 0.00	23.81 1.05 0.00	20.85 0.89 0.00	19.18 0.84 0.00	18.83 0.94 0.00	17.10 0.88 0.00	10.36 0.52 0.00	13.47 0.70 0.00	16.58 0.81 0.00	17.29 0.84 0.00	17.29 0.92 0.00	19.69 1.01 0.00	23.30 1.17 0.00	27.39 1.47 0.00	20.44 1.11 0.00	20.50 1.12 0.00	20.30 1.08 0.00	19.35 1.01 0.00
HEWLETT__69_KV_BK3 55828	22.28 0.80 0.00	20.18 0.69 0.00	18.52 0.59 0.00	20.07 0.59 0.00	20.50 0.62 0.00	19.56 0.64 0.00	20.61 0.83 0.00	23.97 1.21 0.00	20.99 1.03 0.00	19.31 0.96 0.00	18.95 1.07 0.00	17.22 1.00 0.00	10.43 0.59 0.00	13.58 0.81 0.00	16.71 0.94 0.00	17.44 0.99 0.00	17.43 1.07 0.00	19.87 1.19 0.00	23.49 1.37 0.00	27.62 1.69 0.00	20.62 1.29 0.00	20.68 1.30 0.00	20.50 1.27 0.00	19.54 1.19 0.00
HICKLING___1 23621	21.61 0.13 0.00	19.54 0.05 0.00	17.97 0.05 0.00	19.65 0.17 0.00	20.03 0.14 0.00	19.05 0.13 0.00	20.02 0.24 0.00	22.95 0.18 0.00	20.04 0.08 0.00	18.32 -0.02 0.00	17.91 0.02 0.00	16.10 -0.13 0.00	9.67 -0.18 0.00	12.45 -0.32 0.00	15.39 -0.39 0.00	16.08 -0.38 0.00	16.03 -0.34 0.00	18.23 -0.45 0.00	21.75 -0.37 0.00	25.64 -0.28 0.00	19.06 -0.27 0.00	18.98 -0.40 0.00	18.83 -0.39 0.00	17.98 -0.36 0.00
HICKLING___2 23622	21.61 0.13 0.00	19.54 0.05 0.00	17.97 0.05 0.00	19.65 0.17 0.00	20.03 0.14 0.00	19.05 0.13 0.00	20.02 0.24 0.00	22.95 0.18 0.00	20.04 0.08 0.00	18.32 -0.02 0.00	17.91 0.02 0.00	16.10 -0.13 0.00	9.67 -0.18 0.00	12.45 -0.32 0.00	15.39 -0.39 0.00	16.08 -0.38 0.00	16.03 -0.34 0.00	18.23 -0.45 0.00	21.75 -0.37 0.00	25.64 -0.28 0.00	19.06 -0.27 0.00	18.98 -0.40 0.00	18.83 -0.39 0.00	17.98 -0.36 0.00
HIGH FALLS___HY 23754	22.17 0.69 0.00	20.07 0.58 0.00	18.40 0.47 0.00	19.97 0.50 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.79 1.03 0.00	20.89 0.93 0.00	19.14 0.80 0.00	18.74 0.85 0.00	17.01 0.79 0.00	10.30 0.45 0.00	13.29 0.52 0.00	16.35 0.58 0.00	17.07 0.62 0.00	17.01 0.65 0.00	19.49 0.81 0.00	23.24 1.11 0.00	27.36 1.43 0.00	20.40 1.07 0.00	20.45 1.07 0.00	20.25 1.02 0.00	19.27 0.93 0.00
HILLBURN___GT 23639	22.05 0.57 0.00	19.94 0.45 0.00	18.27 0.35 0.00	19.84 0.37 0.00	20.29 0.41 0.00	19.33 0.41 0.00	20.34 0.56 0.00	23.63 0.86 0.00	20.75 0.79 0.00	19.06 0.72 0.00	18.67 0.78 0.00	16.93 0.70 0.00	10.28 0.43 0.00	13.32 0.55 0.00	16.41 0.63 0.00	17.11 0.66 0.00	17.05 0.69 0.00	19.48 0.80 0.00	23.12 1.00 0.00	27.15 1.22 0.00	20.24 0.91 0.00	20.30 0.92 0.00	20.10 0.87 0.00	19.14 0.80 0.00
HILLSIDE_115KV_TB1 80332	21.33 -0.15 0.00	19.27 -0.22 0.00	17.74 -0.18 0.00	19.39 -0.09 0.00	19.74 -0.15 0.00	18.76 -0.16 0.00	19.71 -0.07 0.00	22.59 -0.17 0.00	19.73 -0.23 0.00	18.09 -0.25 0.00	17.69 -0.20 0.00	15.93 -0.29 0.00	9.60 -0.25 0.00	12.41 -0.37 0.00	15.32 -0.45 0.00	15.99 -0.46 0.00	15.93 -0.44 0.00	18.06 -0.62 0.00	21.53 -0.59 0.00	25.35 -0.57 0.00	18.86 -0.47 0.00	18.84 -0.54 0.00	18.71 -0.51 0.00	17.84 -0.50 0.00

HISHELDN_WT_PWR 323625	20.70 -0.78 0.00	18.79 -0.70 0.00	17.39 -0.53 0.00	19.05 -0.43 0.00	19.42 -0.47 0.00	18.41 -0.51 0.00	19.13 -0.65 0.00	21.47 -1.30 0.00	18.74 -1.22 0.00	17.32 -1.03 0.00	16.91 -0.97 0.00	15.36 -0.86 0.00	9.21 -0.64 0.00	11.81 -0.97 0.00	14.45 -1.32 0.00	15.11 -1.34 0.00	15.00 -1.36 0.00	16.89 -1.79 0.00	19.82 -2.30 0.00	23.55 -2.38 0.00	17.51 -1.82 0.00	17.46 -1.92 0.00	17.45 -1.78 0.00	16.96 -1.38 0.00
HOLTSVILLE_IC_1 23690	22.09 0.61 0.00	20.03 0.54 0.00	18.46 0.54 0.00	19.99 0.52 0.00	20.41 0.52 0.00	19.44 0.52 0.00	20.52 0.74 0.00	24.02 1.26 0.00	20.95 0.99 0.00	19.31 0.97 0.00	18.93 1.05 0.00	17.20 0.98 0.00	10.41 0.56 0.00	13.53 0.75 0.00	16.66 0.89 0.00	17.33 0.87 0.00	17.37 1.00 0.00	19.67 0.99 0.00	23.28 1.16 0.00	27.46 1.53 0.00	20.49 1.16 0.00	20.58 1.21 0.00	20.37 1.15 0.00	19.47 1.12 0.00
HOLTSVILLE_IC_10 23699	22.16 0.68 0.00	20.09 0.60 0.00	18.53 0.60 0.00	20.06 0.58 0.00	20.47 0.59 0.00	19.50 0.58 0.00	20.59 0.81 0.00	24.13 1.37 0.00	21.03 1.07 0.00	19.39 1.05 0.00	18.99 1.11 0.00	17.26 1.04 0.00	10.44 0.59 0.00	13.56 0.79 0.00	16.71 0.94 0.00	17.37 0.92 0.00	17.43 1.06 0.00	19.74 1.06 0.00	23.38 1.26 0.00	27.60 1.67 0.00	20.59 1.26 0.00	20.68 1.30 0.00	20.46 1.24 0.00	19.55 1.21 0.00
HOLTSVILLE_IC_2 23691	22.09 0.61 0.00	20.03 0.54 0.00	18.46 0.54 0.00	19.99 0.52 0.00	20.41 0.52 0.00	19.44 0.52 0.00	20.52 0.74 0.00	24.02 1.26 0.00	20.95 0.99 0.00	19.31 0.97 0.00	18.93 1.05 0.00	17.20 0.98 0.00	10.41 0.56 0.00	13.53 0.75 0.00	16.66 0.89 0.00	17.33 0.87 0.00	17.37 1.00 0.00	19.67 0.99 0.00	23.28 1.16 0.00	27.46 1.53 0.00	20.49 1.16 0.00	20.58 1.21 0.00	20.37 1.15 0.00	19.47 1.12 0.00
HOLTSVILLE_IC_3 23692	22.09 0.61 0.00	20.03 0.54 0.00	18.46 0.54 0.00	19.99 0.52 0.00	20.41 0.52 0.00	19.44 0.52 0.00	20.52 0.74 0.00	24.02 1.26 0.00	20.95 0.99 0.00	19.31 0.97 0.00	18.93 1.05 0.00	17.20 0.98 0.00	10.41 0.56 0.00	13.53 0.75 0.00	16.66 0.89 0.00	17.33 0.87 0.00	17.37 1.00 0.00	19.67 0.99 0.00	23.28 1.16 0.00	27.46 1.53 0.00	20.49 1.16 0.00	20.58 1.21 0.00	20.37 1.15 0.00	19.47 1.12 0.00
HOLTSVILLE_IC_4 23693	22.09 0.61 0.00	20.03 0.54 0.00	18.46 0.54 0.00	19.99 0.52 0.00	20.41 0.52 0.00	19.44 0.52 0.00	20.52 0.74 0.00	24.02 1.26 0.00	20.95 0.99 0.00	19.31 0.97 0.00	18.93 1.05 0.00	17.20 0.98 0.00	10.41 0.56 0.00	13.53 0.75 0.00	16.66 0.89 0.00	17.33 0.87 0.00	17.37 1.00 0.00	19.67 0.99 0.00	23.28 1.16 0.00	27.46 1.53 0.00	20.49 1.16 0.00	20.58 1.21 0.00	20.37 1.15 0.00	19.47 1.12 0.00
HOLTSVILLE_IC_5 23694	22.09 0.61 0.00	20.03 0.54 0.00	18.46 0.54 0.00	19.99 0.52 0.00	20.41 0.52 0.00	19.44 0.52 0.00	20.52 0.74 0.00	24.02 1.26 0.00	20.95 0.99 0.00	19.31 0.97 0.00	18.93 1.05 0.00	17.20 0.98 0.00	10.41 0.56 0.00	13.53 0.75 0.00	16.66 0.89 0.00	17.33 0.87 0.00	17.37 1.00 0.00	19.67 0.99 0.00	23.28 1.16 0.00	27.46 1.53 0.00	20.49 1.16 0.00	20.58 1.21 0.00	20.37 1.15 0.00	19.47 1.12 0.00
HOLTSVILLE_IC_6 23695	22.16 0.68 0.00	20.09 0.60 0.00	18.53 0.60 0.00	20.06 0.58 0.00	20.47 0.59 0.00	19.50 0.58 0.00	20.59 0.81 0.00	24.13 1.37 0.00	21.03 1.07 0.00	19.39 1.05 0.00	18.99 1.11 0.00	17.26 1.04 0.00	10.44 0.59 0.00	13.56 0.79 0.00	16.71 0.94 0.00	17.37 0.92 0.00	17.43 1.06 0.00	19.74 1.06 0.00	23.38 1.26 0.00	27.60 1.67 0.00	20.59 1.26 0.00	20.68 1.30 0.00	20.46 1.24 0.00	19.55 1.21 0.00
HOLTSVILLE_IC_7 23696	22.16 0.68 0.00	20.09 0.60 0.00	18.53 0.60 0.00	20.06 0.58 0.00	20.47 0.59 0.00	19.50 0.58 0.00	20.59 0.81 0.00	24.13 1.37 0.00	21.03 1.07 0.00	19.39 1.05 0.00	18.99 1.11 0.00	17.26 1.04 0.00	10.44 0.59 0.00	13.56 0.79 0.00	16.71 0.94 0.00	17.37 0.92 0.00	17.43 1.06 0.00	19.74 1.06 0.00	23.38 1.26 0.00	27.60 1.67 0.00	20.59 1.26 0.00	20.68 1.30 0.00	20.46 1.24 0.00	19.55 1.21 0.00
HOLTSVILLE_IC_8 23697	22.16 0.68 0.00	20.09 0.60 0.00	18.53 0.60 0.00	20.06 0.58 0.00	20.47 0.59 0.00	19.50 0.58 0.00	20.59 0.81 0.00	24.13 1.37 0.00	21.03 1.07 0.00	19.39 1.05 0.00	18.99 1.11 0.00	17.26 1.04 0.00	10.44 0.59 0.00	13.56 0.79 0.00	16.71 0.94 0.00	17.37 0.92 0.00	17.43 1.06 0.00	19.74 1.06 0.00	23.38 1.26 0.00	27.60 1.67 0.00	20.59 1.26 0.00	20.68 1.30 0.00	20.46 1.24 0.00	19.55 1.21 0.00
HOLTSVILLE_IC_9 23698	22.16 0.68 0.00	20.09 0.60 0.00	18.53 0.60 0.00	20.06 0.58 0.00	20.47 0.59 0.00	19.50 0.58 0.00	20.59 0.81 0.00	24.13 1.37 0.00	21.03 1.07 0.00	19.39 1.05 0.00	18.99 1.11 0.00	17.26 1.04 0.00	10.44 0.59 0.00	13.56 0.79 0.00	16.71 0.94 0.00	17.37 0.92 0.00	17.43 1.06 0.00	19.74 1.06 0.00	23.38 1.26 0.00	27.60 1.67 0.00	20.59 1.26 0.00	20.68 1.30 0.00	20.46 1.24 0.00	19.55 1.21 0.00
HOMER_HL_115KV_TB2 355744	21.95 0.47 0.00	19.80 0.31 0.00	18.29 0.36 0.00	20.01 0.54 0.00	20.41 0.53 0.00	19.30 0.38 0.00	20.08 0.30 0.00	22.73 -0.03 0.00	19.90 -0.06 0.00	18.40 0.05 0.00	17.92 0.04 0.00	16.13 -0.09 0.00	9.74 -0.11 0.00	12.60 -0.18 0.00	15.52 -0.25 0.00	16.22 -0.24 0.00	16.10 -0.26 0.00	18.07 -0.61 0.00	21.24 -0.88 0.00	24.96 -0.96 0.00	18.64 -0.69 0.00	18.70 -0.67 0.00	18.78 -0.45 0.00	18.12 -0.22 0.00
HOWARD_WT_PWR 323690	21.40 -0.08 0.00	19.63 0.13 0.00	18.00 0.07 0.00	19.66 0.18 0.00	20.13 0.25 0.00	19.16 0.25 0.00	20.18 0.40 0.00	23.10 0.33 0.00	20.12 0.16 0.00	18.28 -0.07 0.00	17.86 -0.02 0.00	15.96 -0.26 0.00	9.45 -0.40 0.00	11.96 -0.81 0.00	14.80 -0.97 0.00	15.62 -0.83 0.00	15.57 -0.79 0.00	17.83 -0.85 0.00	21.38 -0.74 0.00	25.36 -0.57 0.00	18.76 -0.57 0.00	18.34 -1.04 0.00	18.38 -0.84 0.00	17.69 -0.66 0.00
HQ_GEN_CEDARS 23644	21.53 0.05 0.00	19.52 0.03 0.00	17.95 0.03 0.00	19.50 0.03 0.00	19.90 0.02 0.00	18.93 0.01 0.00	19.81 0.03 0.00	22.78 0.01 0.00	19.94 -0.02 0.00	18.31 -0.04 0.00	17.76 -0.13 0.00	16.09 -0.13 0.00	9.79 -0.06 0.00	12.71 -0.06 0.00	15.78 0.01 0.00	16.47 0.02 0.00	16.40 0.04 0.00	18.72 0.04 0.00	22.13 0.00 0.00	25.87 -0.06 0.00	19.21 -0.12 0.00	19.31 -0.06 0.00	19.17 -0.05 0.00	18.26 -0.08 0.00
HQ_GEN_CEDARS_PROXY 323590	21.54 0.05 0.00	19.52 0.03 0.00	17.95 0.03 0.00	19.50 0.03 0.00	19.90 0.02 0.00	18.93 0.01 0.00	19.81 0.03 0.00	22.78 0.01 0.00	19.94 -0.02 0.00	18.31 -0.04 0.00	17.76 -0.13 0.00	16.09 -0.13 0.00	9.79 -0.06 0.00	12.71 -0.06 0.00	15.78 0.01 0.00	16.47 0.02 0.00	16.40 0.04 0.00	18.72 0.04 0.00	22.13 0.00 0.00	25.87 -0.06 0.00	19.21 -0.12 0.00	19.31 -0.06 0.00	19.24 -0.05 -0.07	18.26 -0.08 0.00

HQ_GEN_IMPORT 323601	21.55 0.07 0.00	19.53 0.04 0.00	17.96 0.04 0.00	19.51 0.04 0.00	19.92 0.04 0.00	18.95 0.03 0.00	19.82 0.04 0.00	22.79 0.02 0.00	19.96 0.00 0.00	18.35 0.00 0.00	17.85 -0.04 0.00	16.18 -0.05 0.00	9.83 -0.02 0.00	12.76 -0.02 0.00	15.79 0.02 0.00	16.48 0.03 0.00	16.40 0.03 0.00	18.71 0.03 0.00	22.13 0.01 0.00	25.90 -0.03 0.00	19.28 -0.05 0.00	19.36 -0.02 0.00	19.21 -0.01 0.00	18.32 -0.02 0.00
HQ_GEN_WHEEL 23651	21.55 0.07 0.00	19.53 0.04 0.00	17.96 0.04 0.00	19.51 0.04 0.00	19.92 0.04 0.00	18.95 0.03 0.00	19.82 0.04 0.00	22.79 0.02 0.00	19.96 0.00 0.00	18.35 0.00 0.00	17.85 -0.04 0.00	16.18 -0.05 0.00	9.83 -0.02 0.00	12.76 -0.02 0.00	15.79 0.02 0.00	16.48 0.03 0.00	16.40 0.03 0.00	18.71 0.03 0.00	22.13 0.01 0.00	25.90 -0.03 0.00	19.28 -0.05 0.00	19.36 -0.02 0.00	19.21 -0.01 0.00	18.32 -0.02 0.00
HUDSON AVE_GT_3 23810	22.17 0.69 0.00	20.07 0.58 0.00	18.39 0.47 0.00	19.94 0.46 0.00	20.38 0.50 0.00	19.44 0.52 0.00	20.46 0.67 0.00	23.77 1.00 0.00	20.89 0.93 0.00	19.24 0.90 0.00	18.85 0.96 0.00	17.11 0.89 0.00	10.39 0.55 0.00	13.47 0.70 0.00	16.57 0.81 0.00	17.29 0.84 0.00	17.23 0.87 0.00	19.65 0.97 0.00	23.30 1.18 0.00	27.40 1.47 0.00	20.45 1.12 0.00	20.48 1.11 0.00	20.28 1.05 0.00	19.28 0.93 0.00
HUDSON AVE_GT_4 23540	22.17 0.69 0.00	20.07 0.58 0.00	18.39 0.47 0.00	19.94 0.46 0.00	20.38 0.50 0.00	19.44 0.52 0.00	20.46 0.67 0.00	23.77 1.00 0.00	20.89 0.93 0.00	19.24 0.90 0.00	18.85 0.96 0.00	17.11 0.89 0.00	10.39 0.55 0.00	13.47 0.70 0.00	16.57 0.81 0.00	17.29 0.84 0.00	17.23 0.87 0.00	19.65 0.97 0.00	23.30 1.18 0.00	27.40 1.47 0.00	20.45 1.12 0.00	20.48 1.11 0.00	20.28 1.05 0.00	19.28 0.93 0.00
HUDSON AVE_GT_5 23657	22.17 0.69 0.00	20.07 0.58 0.00	18.39 0.47 0.00	19.94 0.46 0.00	20.38 0.50 0.00	19.44 0.52 0.00	20.46 0.67 0.00	23.77 1.00 0.00	20.89 0.93 0.00	19.24 0.90 0.00	18.85 0.96 0.00	17.11 0.89 0.00	10.39 0.55 0.00	13.47 0.70 0.00	16.57 0.81 0.00	17.29 0.84 0.00	17.23 0.87 0.00	19.65 0.97 0.00	23.30 1.18 0.00	27.40 1.47 0.00	20.45 1.12 0.00	20.48 1.11 0.00	20.28 1.05 0.00	19.28 0.93 0.00
HUDSON_AVE_10 24168	22.11 0.63 0.00	20.00 0.51 0.00	18.34 0.42 0.00	19.87 0.39 0.00	20.31 0.43 0.00	19.38 0.46 0.00	20.39 0.61 0.00	23.69 0.93 0.00	20.83 0.87 0.00	19.19 0.84 0.00	18.79 0.90 0.00	17.06 0.84 0.00	10.36 0.52 0.00	13.43 0.66 0.00	16.52 0.75 0.00	17.23 0.78 0.00	17.17 0.80 0.00	19.59 0.91 0.00	23.22 1.10 0.00	27.31 1.38 0.00	20.39 1.05 0.00	20.42 1.04 0.00	20.22 0.99 0.00	19.22 0.87 0.00
HUDSON___115KV_TB 4 355613	22.14 0.66 0.00	20.12 0.63 0.00	18.48 0.56 0.00	20.09 0.62 0.00	20.52 0.63 0.00	19.56 0.64 0.00	20.49 0.71 0.00	23.64 0.88 0.00	20.70 0.75 0.00	18.84 0.50 0.00	18.39 0.50 0.00	16.78 0.56 0.00	10.15 0.31 0.00	13.17 0.40 0.00	16.23 0.46 0.00	16.93 0.48 0.00	16.83 0.46 0.00	19.36 0.67 0.00	23.04 0.92 0.00	27.06 1.14 0.00	20.23 0.90 0.00	20.24 0.87 0.00	20.06 0.84 0.00	19.09 0.75 0.00
HUNTER MOUNT___DRP 323613	22.29 0.81 0.00	20.26 0.77 0.00	18.61 0.69 0.00	20.23 0.76 0.00	20.67 0.79 0.00	19.71 0.79 0.00	20.64 0.86 0.00	23.80 1.03 0.00	20.82 0.87 0.00	18.90 0.55 0.00	18.44 0.55 0.00	16.85 0.63 0.00	10.19 0.34 0.00	13.21 0.44 0.00	16.27 0.50 0.00	16.97 0.52 0.00	16.86 0.49 0.00	19.42 0.74 0.00	23.16 1.04 0.00	27.23 1.30 0.00	20.36 1.03 0.00	20.36 0.98 0.00	20.17 0.95 0.00	19.20 0.86 0.00
HUNTINGTON_RES_REC 323705	22.07 0.59 0.00	20.00 0.51 0.00	18.40 0.48 0.00	19.93 0.46 0.00	20.35 0.47 0.00	19.39 0.47 0.00	20.45 0.67 0.00	23.89 1.13 0.00	20.88 0.92 0.00	19.22 0.87 0.00	18.85 0.96 0.00	17.13 0.91 0.00	10.38 0.53 0.00	13.50 0.72 0.00	16.63 0.86 0.00	17.29 0.84 0.00	17.30 0.94 0.00	19.67 0.98 0.00	23.28 1.16 0.00	27.41 1.48 0.00	20.46 1.13 0.00	20.53 1.15 0.00	20.32 1.10 0.00	19.41 1.06 0.00
HUNTLEY___63 23557	20.77 -0.71 0.00	18.93 -0.56 0.00	17.56 -0.36 0.00	19.15 -0.33 0.00	19.52 -0.37 0.00	18.45 -0.47 0.00	19.17 -0.61 0.00	21.49 -1.27 0.00	18.83 -1.13 0.00	17.42 -0.92 0.00	16.99 -0.89 0.00	15.38 -0.84 0.00	9.26 -0.58 0.00	11.89 -0.88 0.00	14.54 -1.23 0.00	15.18 -1.28 0.00	15.08 -1.29 0.00	16.96 -1.72 0.00	19.91 -2.22 0.00	23.61 -2.32 0.00	17.60 -1.73 0.00	17.65 -1.72 0.00	17.66 -1.56 0.00	17.18 -1.16 0.00
HUNTLEY___64 23558	20.77 -0.71 0.00	18.93 -0.56 0.00	17.56 -0.36 0.00	19.15 -0.33 0.00	19.52 -0.37 0.00	18.45 -0.47 0.00	19.17 -0.61 0.00	21.49 -1.27 0.00	18.83 -1.13 0.00	17.42 -0.92 0.00	16.99 -0.89 0.00	15.38 -0.84 0.00	9.26 -0.58 0.00	11.89 -0.88 0.00	14.54 -1.23 0.00	15.18 -1.28 0.00	15.08 -1.29 0.00	16.96 -1.72 0.00	19.91 -2.22 0.00	23.61 -2.32 0.00	17.60 -1.73 0.00	17.65 -1.72 0.00	17.66 -1.56 0.00	17.18 -1.16 0.00
HUNTLEY___65 23559	20.77 -0.71 0.00	18.93 -0.56 0.00	17.56 -0.36 0.00	19.15 -0.33 0.00	19.52 -0.37 0.00	18.45 -0.47 0.00	19.17 -0.61 0.00	21.49 -1.27 0.00	18.83 -1.13 0.00	17.42 -0.92 0.00	16.99 -0.89 0.00	15.38 -0.84 0.00	9.26 -0.58 0.00	11.89 -0.88 0.00	14.54 -1.23 0.00	15.18 -1.28 0.00	15.08 -1.29 0.00	16.96 -1.72 0.00	19.91 -2.22 0.00	23.61 -2.32 0.00	17.60 -1.73 0.00	17.65 -1.72 0.00	17.66 -1.56 0.00	17.18 -1.16 0.00
HUNTLEY___66 23560	20.77 -0.71 0.00	18.93 -0.56 0.00	17.56 -0.36 0.00	19.15 -0.33 0.00	19.52 -0.37 0.00	18.45 -0.47 0.00	19.17 -0.61 0.00	21.49 -1.27 0.00	18.83 -1.13 0.00	17.42 -0.92 0.00	16.99 -0.89 0.00	15.38 -0.84 0.00	9.26 -0.58 0.00	11.89 -0.88 0.00	14.54 -1.23 0.00	15.18 -1.28 0.00	15.08 -1.29 0.00	16.96 -1.72 0.00	19.91 -2.22 0.00	23.61 -2.32 0.00	17.60 -1.73 0.00	17.65 -1.72 0.00	17.66 -1.56 0.00	17.18 -1.16 0.00
HUNTLEY___67 23561	20.72 -0.76 0.00	18.84 -0.65 0.00	17.48 -0.45 0.00	19.07 -0.41 0.00	19.43 -0.45 0.00	18.36 -0.56 0.00	19.10 -0.69 0.00	21.43 -1.34 0.00	18.77 -1.19 0.00	17.36 -0.99 0.00	16.92 -0.96 0.00	15.32 -0.90 0.00	9.23 -0.62 0.00	11.87 -0.90 0.00	14.51 -1.25 0.00	15.14 -1.31 0.00	15.03 -1.33 0.00	16.91 -1.77 0.00	19.85 -2.27 0.00	23.53 -2.40 0.00	17.54 -1.80 0.00	17.58 -1.79 0.00	17.61 -1.61 0.00	17.11 -1.23 0.00
HUNTLEY___68 23562	20.72 -0.76 0.00	18.84 -0.65 0.00	17.48 -0.45 0.00	19.07 -0.41 0.00	19.43 -0.45 0.00	18.36 -0.56 0.00	19.10 -0.69 0.00	21.43 -1.34 0.00	18.77 -1.19 0.00	17.36 -0.99 0.00	16.92 -0.96 0.00	15.32 -0.90 0.00	9.23 -0.62 0.00	11.87 -0.90 0.00	14.51 -1.25 0.00	15.14 -1.31 0.00	15.03 -1.33 0.00	16.91 -1.77 0.00	19.85 -2.27 0.00	23.53 -2.40 0.00	17.54 -1.80 0.00	17.58 -1.79 0.00	17.61 -1.61 0.00	17.11 -1.23 0.00

HYLAND___LFGE 323620	21.98 0.50 0.00	20.00 0.50 0.00	18.40 0.48 0.00	20.07 0.60 0.00	20.50 0.61 0.00	19.51 0.59 0.00	20.47 0.69 0.00	23.39 0.62 0.00	20.45 0.49 0.00	18.58 0.23 0.00	17.71 -0.17 0.00	15.90 -0.33 0.00	9.51 -0.33 0.00	12.18 -0.59 0.00	14.99 -0.78 0.00	15.72 -0.74 0.00	15.69 -0.68 0.00	17.93 -0.75 0.00	21.70 -0.43 0.00	25.97 0.04 0.00	19.33 0.00 0.00	19.19 -0.19 0.00	19.07 -0.15 0.00	18.32 -0.03 0.00
INDECK___CORINTH 23802	21.93 0.45 0.00	19.95 0.45 0.00	18.33 0.41 0.00	19.92 0.44 0.00	20.36 0.48 0.00	19.43 0.51 0.00	20.37 0.59 0.00	23.51 0.74 0.00	20.60 0.64 0.00	18.83 0.49 0.00	18.33 0.44 0.00	16.59 0.37 0.00	10.09 0.24 0.00	13.16 0.39 0.00	16.21 0.44 0.00	16.92 0.47 0.00	16.84 0.47 0.00	19.38 0.70 0.00	23.05 0.92 0.00	26.94 1.02 0.00	20.12 0.78 0.00	20.14 0.76 0.00	19.97 0.75 0.00	18.99 0.65 0.00
INDECK___ILION 23567	21.31 -0.17 0.00	19.33 -0.17 0.00	17.76 -0.16 0.00	19.27 -0.21 0.00	19.69 -0.19 0.00	18.77 -0.14 0.00	19.68 -0.09 0.00	22.71 -0.05 0.00	19.93 -0.03 0.00	18.29 -0.06 0.00	17.84 -0.05 0.00	16.16 -0.06 0.00	9.80 -0.05 0.00	12.75 -0.03 0.00	15.69 -0.08 0.00	16.36 -0.09 0.00	16.27 -0.09 0.00	18.66 -0.02 0.00	22.21 0.09 0.00	26.04 0.11 0.00	19.44 0.11 0.00	19.45 0.08 0.00	19.26 0.04 0.00	18.32 -0.02 0.00
INDECK___OLEAN 23982	21.90 0.42 0.00	19.80 0.31 0.00	18.29 0.36 0.00	20.01 0.53 0.00	20.39 0.51 0.00	19.30 0.38 0.00	20.07 0.29 0.00	22.73 -0.03 0.00	19.90 -0.06 0.00	18.40 0.05 0.00	17.92 0.03 0.00	16.14 -0.09 0.00	9.74 -0.10 0.00	12.60 -0.18 0.00	15.52 -0.25 0.00	16.21 -0.24 0.00	16.10 -0.26 0.00	18.07 -0.61 0.00	21.24 -0.88 0.00	24.96 -0.96 0.00	18.64 -0.69 0.00	18.70 -0.67 0.00	18.78 -0.45 0.00	18.13 -0.22 0.00
INDECK___OSWEGO 23783	21.12 -0.36 0.00	19.20 -0.29 0.00	17.68 -0.24 0.00	19.23 -0.25 0.00	19.60 -0.28 0.00	18.65 -0.27 0.00	19.43 -0.35 0.00	22.31 -0.45 0.00	19.58 -0.39 0.00	18.01 -0.34 0.00	17.57 -0.32 0.00	15.93 -0.29 0.00	9.66 -0.19 0.00	12.50 -0.28 0.00	15.39 -0.38 0.00	16.02 -0.43 0.00	15.96 -0.40 0.00	18.23 -0.45 0.00	21.58 -0.55 0.00	25.34 -0.59 0.00	18.90 -0.43 0.00	18.91 -0.47 0.00	18.76 -0.46 0.00	17.94 -0.40 0.00
INDECK___YERKES 23781	20.74 -0.74 0.00	18.95 -0.54 0.00	17.58 -0.35 0.00	19.16 -0.31 0.00	19.51 -0.37 0.00	18.47 -0.45 0.00	19.19 -0.59 0.00	21.52 -1.25 0.00	18.85 -1.11 0.00	17.44 -0.90 0.00	17.01 -0.88 0.00	15.40 -0.83 0.00	9.27 -0.57 0.00	11.91 -0.87 0.00	14.56 -1.22 0.00	15.19 -1.26 0.00	15.09 -1.27 0.00	16.98 -1.70 0.00	19.92 -2.20 0.00	23.64 -2.29 0.00	17.62 -1.72 0.00	17.66 -1.71 0.00	17.68 -1.54 0.00	17.19 -1.15 0.00
INDIAN POINT_GT_1 24139	21.99 0.51 0.00	19.91 0.42 0.00	18.25 0.33 0.00	19.82 0.34 0.00	20.25 0.37 0.00	19.31 0.39 0.00	20.31 0.52 0.00	23.58 0.81 0.00	20.71 0.75 0.00	19.04 0.69 0.00	18.64 0.76 0.00	16.91 0.69 0.00	10.27 0.43 0.00	13.32 0.55 0.00	16.40 0.63 0.00	17.11 0.66 0.00	17.04 0.68 0.00	19.46 0.78 0.00	23.09 0.97 0.00	27.11 1.19 0.00	20.22 0.89 0.00	20.28 0.90 0.00	20.07 0.85 0.00	19.11 0.77 0.00
INDIAN POINT_GT_2 23659	21.99 0.51 0.00	19.91 0.42 0.00	18.25 0.33 0.00	19.82 0.34 0.00	20.25 0.37 0.00	19.31 0.39 0.00	20.31 0.52 0.00	23.58 0.81 0.00	20.71 0.75 0.00	19.04 0.69 0.00	18.64 0.76 0.00	16.91 0.69 0.00	10.27 0.43 0.00	13.32 0.55 0.00	16.40 0.63 0.00	17.11 0.66 0.00	17.04 0.68 0.00	19.46 0.78 0.00	23.09 0.97 0.00	27.11 1.19 0.00	20.22 0.89 0.00	20.28 0.90 0.00	20.07 0.85 0.00	19.11 0.77 0.00
INDIAN POINT_GT_3 24019	21.99 0.51 0.00	19.91 0.42 0.00	18.25 0.33 0.00	19.82 0.34 0.00	20.25 0.37 0.00	19.31 0.39 0.00	20.31 0.52 0.00	23.58 0.81 0.00	20.71 0.75 0.00	19.04 0.69 0.00	18.64 0.76 0.00	16.91 0.69 0.00	10.27 0.43 0.00	13.32 0.55 0.00	16.40 0.63 0.00	17.11 0.66 0.00	17.04 0.68 0.00	19.46 0.78 0.00	23.09 0.97 0.00	27.11 1.19 0.00	20.22 0.89 0.00	20.28 0.90 0.00	20.07 0.85 0.00	19.11 0.77 0.00
INDIAN POINT___2 23530	21.99 0.51 0.00	19.90 0.41 0.00	18.24 0.32 0.00	19.80 0.32 0.00	20.25 0.37 0.00	19.29 0.37 0.00	20.29 0.51 0.00	23.57 0.80 0.00	20.70 0.74 0.00	19.02 0.68 0.00	18.63 0.74 0.00	16.90 0.68 0.00	10.26 0.42 0.00	13.30 0.53 0.00	16.38 0.61 0.00	17.09 0.64 0.00	17.03 0.66 0.00	19.45 0.76 0.00	23.07 0.95 0.00	27.09 1.16 0.00	20.20 0.87 0.00	20.26 0.88 0.00	20.06 0.83 0.00	19.10 0.76 0.00
INDIAN POINT___3 23531	21.98 0.50 0.00	19.91 0.42 0.00	18.25 0.33 0.00	19.81 0.33 0.00	20.25 0.37 0.00	19.30 0.38 0.00	20.30 0.52 0.00	23.57 0.80 0.00	20.70 0.74 0.00	19.02 0.68 0.00	18.63 0.74 0.00	16.91 0.68 0.00	10.27 0.42 0.00	13.31 0.54 0.00	16.39 0.62 0.00	17.10 0.65 0.00	17.03 0.67 0.00	19.45 0.77 0.00	23.08 0.96 0.00	27.09 1.16 0.00	20.21 0.88 0.00	20.26 0.88 0.00	20.07 0.84 0.00	19.10 0.76 0.00
INGHAM_C_115KV_TB7 356103	20.98 -0.50 0.00	19.00 -0.49 0.00	17.44 -0.49 0.00	18.86 -0.62 0.00	19.32 -0.57 0.00	18.46 -0.46 0.00	19.43 -0.35 0.00	22.49 -0.28 0.00	19.74 -0.22 0.00	18.07 -0.28 0.00	17.61 -0.27 0.00	15.95 -0.27 0.00	9.66 -0.19 0.00	12.61 -0.16 0.00	15.49 -0.29 0.00	16.14 -0.32 0.00	16.04 -0.33 0.00	18.51 -0.17 0.00	22.15 0.03 0.00	25.98 0.05 0.00	19.41 0.08 0.00	19.38 0.00 0.00	19.16 -0.07 0.00	18.16 -0.18 0.00
IP CORINTH___1 23988	21.93 0.45 0.00	19.95 0.45 0.00	18.33 0.41 0.00	19.92 0.44 0.00	20.36 0.48 0.00	19.43 0.51 0.00	20.36 0.58 0.00	23.51 0.74 0.00	20.60 0.64 0.00	18.83 0.49 0.00	18.33 0.44 0.00	16.59 0.37 0.00	10.09 0.24 0.00	13.16 0.39 0.00	16.21 0.44 0.00	16.92 0.47 0.00	16.84 0.47 0.00	19.38 0.70 0.00	23.05 0.93 0.00	26.94 1.02 0.00	20.12 0.78 0.00	20.14 0.76 0.00	19.97 0.75 0.00	18.99 0.65 0.00
IP___TICONDEROGA 23804	22.48 1.00 0.00	20.55 1.06 0.00	18.91 0.98 0.00	20.56 1.09 0.00	21.02 1.13 0.00	20.12 1.20 0.00	21.09 1.31 0.00	24.36 1.60 0.00	21.29 1.33 0.00	19.38 1.03 0.00	18.74 0.85 0.00	16.85 0.63 0.00	10.30 0.45 0.00	13.61 0.83 0.00	16.68 0.91 0.00	17.46 1.01 0.00	17.34 0.98 0.00	20.15 1.47 0.00	23.96 1.84 0.00	27.85 1.92 0.00	20.76 1.43 0.00	20.83 1.45 0.00	20.70 1.48 0.00	19.66 1.32 0.00
ISLIP_RES_REC 323679	22.22 0.74 0.00	20.15 0.65 0.00	18.57 0.65 0.00	20.11 0.63 0.00	20.53 0.64 0.00	19.56 0.64 0.00	20.65 0.87 0.00	24.21 1.44 0.00	21.10 1.14 0.00	19.44 1.10 0.00	19.05 1.16 0.00	17.30 1.08 0.00	10.45 0.61 0.00	13.59 0.82 0.00	16.74 0.97 0.00	17.40 0.95 0.00	17.46 1.10 0.00	19.80 1.12 0.00	23.46 1.34 0.00	27.70 1.78 0.00	20.66 1.33 0.00	20.75 1.38 0.00	20.52 1.30 0.00	19.60 1.26 0.00

JAMAICA__27_KV_LOAD 355505	22.25 0.76 0.00	20.11 0.61 0.00	18.45 0.53 0.00	19.96 0.49 0.00	20.40 0.51 0.00	19.49 0.57 0.00	20.51 0.73 0.00	23.82 1.06 0.00	20.94 0.98 0.00	19.31 0.96 0.00	18.89 1.01 0.00	17.15 0.92 0.00	10.43 0.58 0.00	13.50 0.73 0.00	16.59 0.82 0.00	17.30 0.85 0.00	17.24 0.87 0.00	19.68 1.00 0.00	23.30 1.18 0.00	27.41 1.48 0.00	20.49 1.16 0.00	20.51 1.13 0.00	20.34 1.11 0.00	19.32 0.97 0.00
JANIS__SOLAR 323808	22.38 0.90 0.00	20.24 0.75 0.00	18.58 0.66 0.00	20.18 0.70 0.00	20.64 0.76 0.00	19.71 0.79 0.00	20.66 0.88 0.00	23.76 0.99 0.00	20.82 0.86 0.00	18.99 0.64 0.00	18.46 0.57 0.00	16.72 0.50 0.00	9.98 0.14 0.00	12.80 0.02 0.00	15.71 -0.06 0.00	16.40 -0.05 0.00	16.45 0.09 0.00	18.89 0.21 0.00	22.74 0.62 0.00	26.91 0.98 0.00	19.98 0.65 0.00	19.95 0.58 0.00	19.79 0.56 0.00	18.79 0.45 0.00
JARVIS____ 23743	21.43 -0.05 0.00	19.46 -0.04 0.00	17.89 -0.04 0.00	19.44 -0.04 0.00	19.85 -0.03 0.00	18.90 -0.02 0.00	19.76 -0.02 0.00	22.76 0.00 0.00	19.96 0.00 0.00	18.34 0.00 0.00	17.90 0.01 0.00	16.24 0.02 0.00	9.85 0.01 0.00	12.79 0.02 0.00	15.78 0.01 0.00	16.45 0.00 0.00	16.36 0.00 0.00	18.70 0.02 0.00	22.15 0.03 0.00	25.98 0.05 0.00	19.37 0.04 0.00	19.40 0.02 0.00	19.24 0.02 0.00	18.36 0.01 0.00
JENNISON____1 23625	22.29 0.81 0.00	20.05 0.56 0.00	18.55 0.63 0.00	20.03 0.55 0.00	20.56 0.68 0.00	19.67 0.75 0.00	20.61 0.83 0.00	23.71 0.95 0.00	20.81 0.86 0.00	19.16 0.81 0.00	18.71 0.83 0.00	16.91 0.69 0.00	10.15 0.30 0.00	13.03 0.25 0.00	15.95 0.18 0.00	16.61 0.16 0.00	16.65 0.29 0.00	18.97 0.29 0.00	22.78 0.66 0.00	26.79 0.86 0.00	19.77 0.44 0.00	19.77 0.40 0.00	19.64 0.42 0.00	18.66 0.32 0.00
JENNISON____2 23626	22.29 0.81 0.00	20.05 0.56 0.00	18.55 0.63 0.00	20.03 0.55 0.00	20.56 0.68 0.00	19.67 0.75 0.00	20.61 0.83 0.00	23.71 0.95 0.00	20.81 0.86 0.00	19.16 0.81 0.00	18.71 0.83 0.00	16.91 0.69 0.00	10.15 0.30 0.00	13.03 0.25 0.00	15.95 0.18 0.00	16.61 0.16 0.00	16.65 0.29 0.00	18.97 0.29 0.00	22.78 0.66 0.00	26.79 0.86 0.00	19.77 0.44 0.00	19.77 0.40 0.00	19.64 0.42 0.00	18.66 0.32 0.00
JERICOHO_RISE_WT_PWR 323719	21.67 0.19 0.00	19.69 0.19 0.00	18.04 0.12 0.00	19.59 0.11 0.00	20.05 0.17 0.00	19.03 0.12 0.00	19.93 0.15 0.00	22.96 0.19 0.00	20.10 0.14 0.00	18.42 0.08 0.00	17.78 -0.11 0.00	16.09 -0.14 0.00	9.78 -0.06 0.00	12.77 0.00 0.00	15.83 0.06 0.00	16.52 0.07 0.00	16.47 0.11 0.00	18.86 0.18 0.00	22.35 0.23 0.00	26.03 0.10 0.00	19.22 -0.11 0.00	19.38 0.00 0.00	19.22 0.00 0.00	18.27 -0.08 0.00
KATONAH__115KV_46KV_TB4 355592	22.06 0.58 0.00	19.99 0.50 0.00	18.34 0.42 0.00	19.90 0.42 0.00	20.34 0.46 0.00	19.39 0.48 0.00	20.40 0.62 0.00	23.68 0.91 0.00	20.80 0.84 0.00	19.12 0.77 0.00	18.73 0.84 0.00	17.00 0.78 0.00	10.32 0.48 0.00	13.39 0.61 0.00	16.48 0.71 0.00	17.19 0.74 0.00	17.12 0.76 0.00	19.56 0.87 0.00	23.20 1.08 0.00	27.23 1.31 0.00	20.32 0.99 0.00	20.37 0.99 0.00	20.16 0.94 0.00	19.19 0.85 0.00
KCE_NY_1 323755	21.96 0.48 0.00	19.94 0.45 0.00	18.33 0.40 0.00	19.92 0.44 0.00	20.36 0.48 0.00	19.41 0.49 0.00	20.36 0.58 0.00	23.49 0.73 0.00	20.56 0.60 0.00	18.82 0.48 0.00	18.34 0.46 0.00	16.62 0.39 0.00	10.10 0.26 0.00	13.16 0.39 0.00	16.23 0.46 0.00	16.95 0.49 0.00	16.86 0.49 0.00	19.35 0.67 0.00	22.99 0.87 0.00	26.86 0.94 0.00	20.07 0.73 0.00	20.08 0.71 0.00	19.93 0.71 0.00	18.95 0.61 0.00
KCE_NY_6_ESR 323823	21.02 -0.46 0.00	19.12 -0.37 0.00	17.72 -0.20 0.00	19.35 -0.13 0.00	19.70 -0.18 0.00	18.65 -0.27 0.00	19.40 -0.38 0.00	21.82 -0.95 0.00	19.08 -0.88 0.00	17.64 -0.70 0.00	17.21 -0.68 0.00	15.57 -0.65 0.00	9.37 -0.48 0.00	12.03 -0.74 0.00	14.74 -1.03 0.00	15.38 -1.07 0.00	15.26 -1.10 0.00	17.16 -1.52 0.00	20.19 -1.93 0.00	23.92 -2.01 0.00	17.82 -1.52 0.00	17.84 -1.54 0.00	17.87 -1.35 0.00	17.33 -1.02 0.00
KEDC_PORT_JEFF_GT2 24210	22.15 0.67 0.00	20.08 0.59 0.00	18.51 0.59 0.00	20.04 0.57 0.00	20.46 0.57 0.00	19.49 0.57 0.00	20.57 0.80 0.00	24.11 1.34 0.00	21.02 1.06 0.00	19.38 1.04 0.00	18.99 1.11 0.00	17.25 1.03 0.00	10.44 0.59 0.00	13.56 0.79 0.00	16.72 0.95 0.00	17.38 0.93 0.00	17.42 1.06 0.00	19.74 1.06 0.00	23.38 1.25 0.00	27.58 1.65 0.00	20.58 1.25 0.00	20.67 1.29 0.00	20.45 1.22 0.00	19.53 1.19 0.00
KEDC_PORT_JEFF_GT3 24211	22.15 0.67 0.00	20.08 0.59 0.00	18.51 0.59 0.00	20.04 0.57 0.00	20.46 0.57 0.00	19.49 0.57 0.00	20.57 0.80 0.00	24.11 1.34 0.00	21.02 1.06 0.00	19.38 1.04 0.00	18.99 1.11 0.00	17.25 1.03 0.00	10.44 0.59 0.00	13.56 0.79 0.00	16.72 0.95 0.00	17.38 0.93 0.00	17.42 1.06 0.00	19.74 1.06 0.00	23.38 1.25 0.00	27.58 1.65 0.00	20.58 1.25 0.00	20.67 1.29 0.00	20.45 1.22 0.00	19.53 1.19 0.00
KEDC_GLWD_GT4 24219	22.22 0.74 0.00	20.12 0.63 0.00	18.48 0.56 0.00	20.02 0.55 0.00	20.46 0.58 0.00	19.50 0.58 0.00	20.55 0.77 0.00	23.92 1.16 0.00	20.96 1.00 0.00	19.28 0.94 0.00	18.92 1.03 0.00	17.20 0.97 0.00	10.42 0.57 0.00	13.55 0.78 0.00	16.68 0.91 0.00	17.39 0.94 0.00	17.38 1.02 0.00	19.81 1.13 0.00	23.44 1.31 0.00	27.55 1.62 0.00	20.56 1.23 0.00	20.62 1.24 0.00	20.42 1.20 0.00	19.47 1.12 0.00
KEDC_GLWD_GT5 24220	22.22 0.74 0.00	20.12 0.63 0.00	18.48 0.56 0.00	20.02 0.55 0.00	20.46 0.58 0.00	19.50 0.58 0.00	20.55 0.77 0.00	23.92 1.16 0.00	20.96 1.00 0.00	19.28 0.94 0.00	18.92 1.03 0.00	17.20 0.97 0.00	10.42 0.57 0.00	13.55 0.78 0.00	16.68 0.91 0.00	17.39 0.94 0.00	17.38 1.02 0.00	19.81 1.13 0.00	23.44 1.31 0.00	27.55 1.62 0.00	20.56 1.23 0.00	20.62 1.24 0.00	20.42 1.20 0.00	19.47 1.12 0.00
KENSICO____ 23655	22.03 0.55 0.00	19.95 0.46 0.00	18.30 0.37 0.00	19.85 0.37 0.00	20.29 0.41 0.00	19.34 0.42 0.00	20.34 0.56 0.00	23.62 0.85 0.00	20.75 0.79 0.00	19.08 0.73 0.00	18.69 0.80 0.00	16.96 0.74 0.00	10.30 0.46 0.00	13.36 0.58 0.00	16.45 0.68 0.00	17.16 0.71 0.00	17.09 0.73 0.00	19.52 0.84 0.00	23.15 1.03 0.00	27.17 1.25 0.00	20.28 0.94 0.00	20.32 0.94 0.00	20.12 0.90 0.00	19.16 0.81 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.24 0.76 0.00	20.13 0.64 0.00	18.46 0.54 0.00	20.04 0.57 0.00	20.49 0.61 0.00	19.55 0.63 0.00	20.56 0.78 0.00	23.86 1.09 0.00	20.93 0.97 0.00	19.16 0.82 0.00	18.76 0.87 0.00	17.03 0.81 0.00	10.31 0.46 0.00	13.32 0.54 0.00	16.39 0.62 0.00	17.11 0.65 0.00	17.04 0.67 0.00	19.52 0.84 0.00	23.29 1.17 0.00	27.42 1.49 0.00	20.45 1.12 0.00	20.50 1.12 0.00	20.29 1.07 0.00	19.32 0.97 0.00

KIAC_JFK_GT1 23816	22.18 0.70 0.00	20.05 0.55 0.00	18.40 0.47 0.00	19.91 0.43 0.00	20.34 0.46 0.00	19.43 0.51 0.00	20.44 0.66 0.00	23.75 0.98 0.00	20.88 0.92 0.00	19.25 0.91 0.00	18.84 0.96 0.00	17.10 0.88 0.00	10.40 0.55 0.00	13.46 0.69 0.00	16.55 0.78 0.00	17.25 0.80 0.00	17.19 0.82 0.00	19.62 0.93 0.00	23.23 1.11 0.00	27.33 1.40 0.00	20.43 1.10 0.00	20.44 1.05 0.00	20.27 1.04 0.00	19.26 0.91 0.00
KIAC_JFK_GT2 23817	22.18 0.70 0.00	20.05 0.55 0.00	18.40 0.47 0.00	19.91 0.43 0.00	20.34 0.46 0.00	19.43 0.51 0.00	20.44 0.66 0.00	23.75 0.98 0.00	20.88 0.92 0.00	19.25 0.91 0.00	18.84 0.96 0.00	17.10 0.88 0.00	10.40 0.55 0.00	13.46 0.69 0.00	16.55 0.78 0.00	17.25 0.80 0.00	17.19 0.82 0.00	19.62 0.93 0.00	23.23 1.11 0.00	27.33 1.40 0.00	20.43 1.10 0.00	20.44 1.05 0.00	20.27 1.04 0.00	19.26 0.91 0.00
KIAC_JFK____ 323774	22.19 0.71 0.00	20.04 0.55 0.00	18.40 0.47 0.00	19.91 0.43 0.00	20.34 0.46 0.00	19.42 0.51 0.00	20.45 0.67 0.00	23.74 0.98 0.00	20.89 0.93 0.00	19.25 0.91 0.00	18.85 0.96 0.00	17.10 0.88 0.00	10.40 0.55 0.00	13.46 0.69 0.00	16.55 0.78 0.00	17.25 0.80 0.00	17.18 0.82 0.00	19.62 0.93 0.00	23.23 1.11 0.00	27.32 1.40 0.00	20.43 1.10 0.00	20.43 1.05 0.00	20.27 1.04 0.00	19.26 0.91 0.00
KINTIGH____ 23543	20.61 -0.87 0.00	18.74 -0.76 0.00	17.35 -0.57 0.00	18.91 -0.57 0.00	19.28 -0.60 0.00	18.23 -0.69 0.00	18.97 -0.82 0.00	21.38 -1.38 0.00	18.75 -1.21 0.00	17.33 -1.01 0.00	16.88 -1.01 0.00	15.28 -0.94 0.00	9.22 -0.62 0.00	11.88 -0.89 0.00	14.56 -1.21 0.00	15.19 -1.26 0.00	15.11 -1.26 0.00	17.02 -1.66 0.00	19.99 -2.13 0.00	23.64 -2.28 0.00	17.63 -1.70 0.00	17.69 -1.69 0.00	17.69 -1.54 0.00	17.13 -1.21 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	22.05 0.57 0.00	20.05 0.56 0.00	18.38 0.46 0.00	19.94 0.46 0.00	20.41 0.53 0.00	19.39 0.47 0.00	20.28 0.50 0.00	23.42 0.65 0.00	20.52 0.56 0.00	18.80 0.45 0.00	18.14 0.25 0.00	16.39 0.16 0.00	9.96 0.11 0.00	13.01 0.24 0.00	16.11 0.34 0.00	16.81 0.35 0.00	16.75 0.39 0.00	19.24 0.55 0.00	22.82 0.70 0.00	26.58 0.65 0.00	19.58 0.25 0.00	19.73 0.35 0.00	19.58 0.36 0.00	18.58 0.24 0.00
LACHUTE____HYDRO 323717	22.48 1.00 0.00	20.55 1.06 0.00	18.91 0.98 0.00	20.56 1.08 0.00	21.02 1.13 0.00	20.12 1.20 0.00	21.09 1.31 0.00	24.36 1.60 0.00	21.29 1.33 0.00	19.38 1.03 0.00	18.74 0.85 0.00	16.85 0.63 0.00	10.30 0.45 0.00	13.61 0.83 0.00	16.68 0.91 0.00	17.46 1.01 0.00	17.34 0.98 0.00	20.15 1.47 0.00	23.96 1.84 0.00	27.85 1.92 0.00	20.76 1.43 0.00	20.83 1.45 0.00	20.70 1.48 0.00	19.66 1.32 0.00
LAWRNCV_115KV_TB1 80681	21.12 -0.36 0.00	19.17 -0.32 0.00	17.64 -0.29 0.00	19.17 -0.31 0.00	19.56 -0.32 0.00	18.62 -0.30 0.00	19.51 -0.27 0.00	22.45 -0.31 0.00	19.65 -0.31 0.00	18.02 -0.32 0.00	17.43 -0.45 0.00	15.80 -0.42 0.00	9.62 -0.22 0.00	12.50 -0.27 0.00	15.52 -0.25 0.00	16.19 -0.26 0.00	16.15 -0.21 0.00	18.47 -0.21 0.00	21.84 -0.28 0.00	25.54 -0.39 0.00	18.95 -0.38 0.00	19.02 -0.35 0.00	18.87 -0.35 0.00	17.95 -0.40 0.00
LEDERLE____ 23769	22.10 0.63 0.00	20.01 0.52 0.00	18.33 0.40 0.00	19.91 0.43 0.00	20.35 0.47 0.00	19.39 0.47 0.00	20.40 0.62 0.00	23.69 0.93 0.00	20.81 0.85 0.00	19.12 0.77 0.00	18.72 0.84 0.00	16.98 0.76 0.00	10.31 0.47 0.00	13.36 0.59 0.00	16.46 0.69 0.00	17.17 0.72 0.00	17.11 0.74 0.00	19.55 0.87 0.00	23.20 1.08 0.00	27.23 1.31 0.00	20.31 0.98 0.00	20.36 0.98 0.00	20.17 0.94 0.00	19.20 0.86 0.00
LIGHTHSE_115KV_TB6 355974	21.02 -0.45 0.00	19.22 -0.28 0.00	17.71 -0.21 0.00	19.29 -0.18 0.00	19.68 -0.20 0.00	18.74 -0.18 0.00	19.53 -0.26 0.00	22.44 -0.32 0.00	19.69 -0.27 0.00	18.07 -0.28 0.00	17.56 -0.33 0.00	15.91 -0.31 0.00	9.66 -0.18 0.00	12.55 -0.23 0.00	15.45 -0.32 0.00	15.99 -0.46 0.00	15.97 -0.40 0.00	18.35 -0.33 0.00	21.72 -0.40 0.00	25.55 -0.37 0.00	19.03 -0.31 0.00	18.96 -0.41 0.00	18.84 -0.38 0.00	17.97 -0.37 0.00
LINDEN COGEN____ 23786	22.02 0.53 0.00	19.92 0.43 0.00	18.26 0.33 0.00	19.79 0.31 0.00	20.23 0.35 0.00	19.30 0.38 0.00	20.30 0.52 0.00	23.60 0.84 0.00	20.75 0.79 0.00	19.10 0.76 0.00	18.71 0.82 0.00	16.98 0.75 0.00	10.31 0.47 0.00	13.37 0.59 0.00	16.45 0.68 0.00	17.16 0.70 0.00	17.09 0.73 0.00	19.50 0.82 0.00	23.13 1.01 0.00	27.20 1.27 0.00	20.30 0.97 0.00	20.33 0.96 0.00	20.11 0.88 0.00	19.13 0.78 0.00
LINDHRST_69_KV_BK1 356055	22.28 0.80 0.00	20.20 0.71 0.00	18.57 0.64 0.00	20.11 0.63 0.00	20.53 0.64 0.00	19.57 0.65 0.00	20.63 0.85 0.00	24.08 1.32 0.00	21.06 1.10 0.00	19.38 1.03 0.00	19.00 1.11 0.00	17.25 1.03 0.00	10.44 0.60 0.00	13.57 0.80 0.00	16.70 0.93 0.00	17.40 0.94 0.00	17.43 1.06 0.00	19.83 1.15 0.00	23.49 1.37 0.00	27.67 1.74 0.00	20.65 1.32 0.00	20.71 1.33 0.00	20.50 1.28 0.00	19.56 1.22 0.00
LIPA_MISC_IPP 23656	21.99 0.51 0.00	19.96 0.47 0.00	18.44 0.51 0.00	19.95 0.48 0.00	20.35 0.47 0.00	19.40 0.48 0.00	20.48 0.70 0.00	24.07 1.31 0.00	20.94 0.98 0.00	19.34 0.99 0.00	18.94 1.05 0.00	17.21 0.98 0.00	10.40 0.55 0.00	13.51 0.74 0.00	16.65 0.88 0.00	17.31 0.85 0.00	17.37 1.00 0.00	19.61 0.93 0.00	23.22 1.10 0.00	27.43 1.51 0.00	20.47 1.14 0.00	20.57 1.20 0.00	20.35 1.13 0.00	19.45 1.11 0.00
LISF__SOLAR 323691	22.04 0.56 0.00	19.99 0.50 0.00	18.46 0.54 0.00	19.98 0.51 0.00	20.39 0.51 0.00	19.43 0.51 0.00	20.52 0.74 0.00	24.11 1.35 0.00	20.97 1.01 0.00	19.35 1.01 0.00	18.95 1.06 0.00	17.22 1.00 0.00	10.40 0.56 0.00	13.52 0.74 0.00	16.65 0.88 0.00	17.31 0.86 0.00	17.38 1.02 0.00	19.63 0.95 0.00	23.25 1.13 0.00	27.48 1.56 0.00	20.50 1.17 0.00	20.61 1.23 0.00	20.38 1.16 0.00	19.48 1.14 0.00
LITTLE FALLS____HYD 24013	20.98 -0.50 0.00	19.00 -0.49 0.00	17.44 -0.49 0.00	18.86 -0.62 0.00	19.32 -0.57 0.00	18.46 -0.46 0.00	19.43 -0.35 0.00	22.49 -0.28 0.00	19.74 -0.22 0.00	18.07 -0.28 0.00	17.61 -0.27 0.00	15.95 -0.27 0.00	9.66 -0.19 0.00	12.61 -0.16 0.00	15.49 -0.29 0.00	16.14 -0.32 0.00	16.04 -0.33 0.00	18.51 -0.17 0.00	22.15 0.03 0.00	25.98 0.05 0.00	19.41 0.08 0.00	19.38 0.00 0.00	19.16 -0.07 0.00	18.16 -0.18 0.00
LITTLRIV_115KV_TB1 356100	21.41 -0.07 0.00	19.43 -0.07 0.00	17.87 -0.06 0.00	19.42 -0.06 0.00	19.82 -0.07 0.00	18.87 -0.05 0.00	19.79 0.01 0.00	22.77 0.01 0.00	19.90 -0.06 0.00	18.21 -0.14 0.00	17.58 -0.31 0.00	15.96 -0.26 0.00	9.72 -0.13 0.00	12.62 -0.15 0.00	15.71 -0.06 0.00	16.40 -0.05 0.00	16.38 0.02 0.00	18.74 0.06 0.00	22.16 0.03 0.00	25.92 0.00 0.00	19.22 -0.11 0.00	19.29 -0.09 0.00	19.13 -0.09 0.00	18.18 -0.16 0.00

LI_NEWBRDGE___DRP 323616	22.03 0.54 0.00	19.96 0.47 0.00	18.34 0.41 0.00	19.87 0.39 0.00	20.29 0.41 0.00	19.34 0.42 0.00	20.38 0.60 0.00	23.74 0.97 0.00	20.78 0.82 0.00	19.13 0.78 0.00	18.77 0.88 0.00	17.05 0.83 0.00	10.33 0.49 0.00	13.43 0.66 0.00	16.54 0.76 0.00	17.24 0.79 0.00	17.22 0.86 0.00	19.61 0.93 0.00	23.20 1.08 0.00	27.28 1.35 0.00	20.36 1.03 0.00	20.42 1.04 0.00	20.23 1.00 0.00	19.29 0.95 0.00
LOCKPORT_115KV_TB60_63_64 80432	20.64 -0.84 0.00	18.77 -0.72 0.00	17.41 -0.51 0.00	18.99 -0.49 0.00	19.35 -0.53 0.00	18.30 -0.62 0.00	19.00 -0.78 0.00	21.28 -1.49 0.00	18.66 -1.30 0.00	17.26 -1.09 0.00	16.82 -1.07 0.00	15.23 -1.00 0.00	9.16 -0.68 0.00	11.77 -1.00 0.00	14.37 -1.40 0.00	15.01 -1.45 0.00	14.93 -1.43 0.00	16.81 -1.87 0.00	19.72 -2.40 0.00	23.40 -2.53 0.00	17.45 -1.88 0.00	17.50 -1.88 0.00	17.51 -1.71 0.00	17.05 -1.29 0.00
LOCKPORT___CC1 323769	20.57 -0.91 0.00	18.77 -0.72 0.00	17.40 -0.52 0.00	18.98 -0.49 0.00	19.32 -0.56 0.00	18.29 -0.63 0.00	18.99 -0.79 0.00	21.28 -1.49 0.00	18.65 -1.31 0.00	17.25 -1.09 0.00	16.81 -1.08 0.00	15.22 -1.00 0.00	9.16 -0.68 0.00	11.77 -1.00 0.00	14.38 -1.40 0.00	15.01 -1.44 0.00	14.93 -1.43 0.00	16.80 -1.88 0.00	19.70 -2.42 0.00	23.38 -2.55 0.00	17.43 -1.90 0.00	17.48 -1.89 0.00	17.50 -1.73 0.00	17.04 -1.30 0.00
LOCKPORT___CC2 323770	20.57 -0.91 0.00	18.77 -0.72 0.00	17.40 -0.52 0.00	18.98 -0.49 0.00	19.32 -0.56 0.00	18.29 -0.63 0.00	18.99 -0.79 0.00	21.28 -1.49 0.00	18.65 -1.31 0.00	17.25 -1.09 0.00	16.81 -1.08 0.00	15.22 -1.00 0.00	9.16 -0.68 0.00	11.77 -1.00 0.00	14.38 -1.40 0.00	15.01 -1.44 0.00	14.93 -1.43 0.00	16.80 -1.88 0.00	19.70 -2.42 0.00	23.38 -2.55 0.00	17.43 -1.90 0.00	17.48 -1.89 0.00	17.50 -1.73 0.00	17.04 -1.30 0.00
LOCKPORT___CC3 323771	20.57 -0.91 0.00	18.77 -0.72 0.00	17.40 -0.52 0.00	18.98 -0.49 0.00	19.32 -0.56 0.00	18.29 -0.63 0.00	18.99 -0.79 0.00	21.28 -1.49 0.00	18.65 -1.31 0.00	17.25 -1.09 0.00	16.81 -1.08 0.00	15.22 -1.00 0.00	9.16 -0.68 0.00	11.77 -1.00 0.00	14.38 -1.40 0.00	15.01 -1.44 0.00	14.93 -1.43 0.00	16.80 -1.88 0.00	19.70 -2.42 0.00	23.38 -2.55 0.00	17.43 -1.90 0.00	17.48 -1.89 0.00	17.50 -1.73 0.00	17.04 -1.30 0.00
LONG_LAKE_PHOENIX 24014	21.19 -0.29 0.00	19.24 -0.25 0.00	17.71 -0.21 0.00	19.27 -0.21 0.00	19.64 -0.24 0.00	18.69 -0.22 0.00	19.48 -0.31 0.00	22.35 -0.41 0.00	19.62 -0.34 0.00	18.05 -0.29 0.00	17.62 -0.27 0.00	15.97 -0.25 0.00	9.67 -0.17 0.00	12.50 -0.27 0.00	15.41 -0.36 0.00	16.04 -0.42 0.00	15.98 -0.38 0.00	18.28 -0.40 0.00	21.62 -0.50 0.00	25.40 -0.53 0.00	18.95 -0.38 0.00	18.96 -0.42 0.00	18.80 -0.42 0.00	17.98 -0.36 0.00
LOVETT___3 23632	21.98 0.50 0.00	19.90 0.41 0.00	18.23 0.31 0.00	19.80 0.32 0.00	20.25 0.37 0.00	19.29 0.37 0.00	20.29 0.51 0.00	23.57 0.80 0.00	20.70 0.74 0.00	19.02 0.68 0.00	18.62 0.73 0.00	16.89 0.67 0.00	10.26 0.41 0.00	13.30 0.52 0.00	16.37 0.60 0.00	17.08 0.63 0.00	17.02 0.65 0.00	19.43 0.75 0.00	23.07 0.95 0.00	27.08 1.15 0.00	20.20 0.87 0.00	20.25 0.87 0.00	20.05 0.83 0.00	19.10 0.76 0.00
LOVETT___4 23642	21.98 0.50 0.00	19.90 0.41 0.00	18.23 0.31 0.00	19.80 0.32 0.00	20.25 0.37 0.00	19.29 0.37 0.00	20.29 0.51 0.00	23.57 0.80 0.00	20.70 0.74 0.00	19.02 0.68 0.00	18.62 0.73 0.00	16.89 0.67 0.00	10.26 0.41 0.00	13.30 0.52 0.00	16.37 0.60 0.00	17.08 0.63 0.00	17.02 0.65 0.00	19.43 0.75 0.00	23.07 0.95 0.00	27.08 1.15 0.00	20.20 0.87 0.00	20.25 0.87 0.00	20.05 0.83 0.00	19.10 0.76 0.00
LOVETT___5 23593	21.98 0.50 0.00	19.90 0.41 0.00	18.23 0.31 0.00	19.80 0.32 0.00	20.25 0.37 0.00	19.29 0.37 0.00	20.29 0.51 0.00	23.57 0.80 0.00	20.70 0.74 0.00	19.02 0.68 0.00	18.62 0.73 0.00	16.89 0.67 0.00	10.26 0.41 0.00	13.30 0.52 0.00	16.37 0.60 0.00	17.08 0.63 0.00	17.02 0.65 0.00	19.43 0.75 0.00	23.07 0.95 0.00	27.08 1.15 0.00	20.20 0.87 0.00	20.25 0.87 0.00	20.05 0.83 0.00	19.10 0.76 0.00
LOWER RAQUET___HYD 24057	20.99 -0.49 0.00	19.06 -0.43 0.00	17.54 -0.39 0.00	19.06 -0.41 0.00	19.46 -0.42 0.00	18.52 -0.39 0.00	19.42 -0.37 0.00	22.35 -0.42 0.00	19.55 -0.41 0.00	17.93 -0.42 0.00	17.33 -0.56 0.00	15.71 -0.51 0.00	9.57 -0.28 0.00	12.43 -0.34 0.00	15.44 -0.33 0.00	16.10 -0.35 0.00	16.07 -0.30 0.00	18.38 -0.30 0.00	21.75 -0.37 0.00	25.44 -0.48 0.00	18.87 -0.46 0.00	18.93 -0.45 0.00	18.77 -0.45 0.00	17.84 -0.50 0.00
LOWER___HUDSON 24059	21.68 0.19 0.00	19.71 0.21 0.00	18.10 0.18 0.00	19.67 0.19 0.00	20.10 0.22 0.00	19.16 0.24 0.00	20.06 0.28 0.00	23.14 0.38 0.00	20.29 0.34 0.00	18.59 0.25 0.00	18.14 0.25 0.00	16.48 0.26 0.00	10.01 0.17 0.00	13.05 0.28 0.00	16.10 0.33 0.00	16.81 0.35 0.00	16.68 0.32 0.00	19.12 0.44 0.00	22.67 0.55 0.00	26.49 0.56 0.00	19.82 0.48 0.00	19.84 0.46 0.00	19.68 0.45 0.00	18.74 0.40 0.00
LOWVILLE_115KV_TB2 356335	20.94 -0.54 0.00	19.34 -0.15 0.00	17.86 -0.06 0.00	19.51 0.03 0.00	19.95 0.07 0.00	19.02 0.10 0.00	19.92 0.14 0.00	22.93 0.16 0.00	20.04 0.08 0.00	18.33 -0.02 0.00	17.74 -0.14 0.00	16.00 -0.22 0.00	9.76 -0.09 0.00	12.72 -0.05 0.00	15.70 -0.07 0.00	16.25 -0.20 0.00	16.23 -0.13 0.00	18.71 0.03 0.00	22.27 0.15 0.00	26.20 0.27 0.00	19.41 0.08 0.00	19.22 -0.15 0.00	19.13 -0.10 0.00	18.09 -0.25 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	21.96 0.48 0.00	19.96 0.47 0.00	18.34 0.41 0.00	19.93 0.45 0.00	20.36 0.48 0.00	19.41 0.49 0.00	20.35 0.57 0.00	23.48 0.72 0.00	20.56 0.60 0.00	18.82 0.48 0.00	18.34 0.45 0.00	16.62 0.40 0.00	10.11 0.26 0.00	13.16 0.39 0.00	16.23 0.46 0.00	16.93 0.48 0.00	16.85 0.49 0.00	19.34 0.66 0.00	22.98 0.86 0.00	26.87 0.94 0.00	20.07 0.74 0.00	20.09 0.71 0.00	19.92 0.70 0.00	18.96 0.62 0.00
LUTHERNY_35_KV_BK2 355980	21.96 0.48 0.00	19.94 0.45 0.00	18.33 0.40 0.00	19.92 0.44 0.00	20.36 0.48 0.00	19.41 0.49 0.00	20.36 0.58 0.00	23.49 0.73 0.00	20.56 0.60 0.00	18.82 0.48 0.00	18.34 0.46 0.00	16.62 0.39 0.00	10.10 0.26 0.00	13.16 0.39 0.00	16.23 0.46 0.00	16.95 0.49 0.00	16.86 0.50 0.00	19.35 0.67 0.00	22.99 0.87 0.00	26.86 0.94 0.00	20.07 0.73 0.00	20.08 0.71 0.00	19.93 0.71 0.00	18.95 0.61 0.00
LWR___OSWEGATCHIE_HYD 23850	20.69 -0.79 0.00	18.96 -0.54 0.00	17.48 -0.45 0.00	19.04 -0.43 0.00	19.45 -0.43 0.00	18.53 -0.38 0.00	19.41 -0.37 0.00	22.35 -0.41 0.00	19.54 -0.42 0.00	17.89 -0.46 0.00	17.30 -0.59 0.00	15.65 -0.58 0.00	9.54 -0.30 0.00	12.42 -0.35 0.00	15.38 -0.40 0.00	15.96 -0.49 0.00	15.95 -0.42 0.00	18.33 -0.35 0.00	21.74 -0.38 0.00	25.51 -0.42 0.00	18.91 -0.42 0.00	18.84 -0.54 0.00	18.71 -0.51 0.00	17.75 -0.59 0.00

LYONS_FALL_HYD 23570	21.29 -0.20 0.00	19.53 0.03 0.00	18.00 0.07 0.00	19.62 0.15 0.00	20.05 0.17 0.00	19.11 0.19 0.00	20.00 0.22 0.00	23.04 0.27 0.00	20.16 0.20 0.00	18.48 0.13 0.00	17.95 0.06 0.00	16.20 -0.02 0.00	9.85 0.01 0.00	12.81 0.04 0.00	15.80 0.03 0.00	16.42 -0.04 0.00	16.35 -0.01 0.00	18.83 0.15 0.00	22.39 0.27 0.00	26.31 0.39 0.00	19.54 0.21 0.00	19.43 0.05 0.00	19.30 0.07 0.00	18.31 -0.03 0.00
MADISON___COUNTY_LFGE 323628	21.88 0.40 0.00	19.87 0.37 0.00	18.27 0.35 0.00	19.88 0.40 0.00	20.30 0.42 0.00	19.33 0.41 0.00	20.23 0.45 0.00	23.29 0.52 0.00	20.42 0.46 0.00	18.74 0.39 0.00	18.27 0.39 0.00	16.49 0.27 0.00	9.98 0.13 0.00	12.93 0.15 0.00	15.91 0.14 0.00	16.61 0.16 0.00	16.52 0.16 0.00	18.97 0.29 0.00	22.59 0.46 0.00	26.54 0.61 0.00	19.77 0.44 0.00	19.75 0.37 0.00	19.57 0.35 0.00	18.65 0.31 0.00
MALONE___115KV_TB1 356076	22.00 0.52 0.00	19.93 0.44 0.00	18.35 0.42 0.00	19.93 0.45 0.00	20.32 0.44 0.00	19.36 0.44 0.00	20.34 0.57 0.00	23.48 0.72 0.00	20.61 0.66 0.00	18.96 0.61 0.00	18.28 0.39 0.00	16.55 0.33 0.00	10.07 0.22 0.00	13.05 0.28 0.00	16.17 0.40 0.00	16.87 0.42 0.00	16.87 0.50 0.00	19.32 0.63 0.00	22.93 0.81 0.00	26.85 0.93 0.00	19.90 0.57 0.00	19.93 0.55 0.00	19.71 0.49 0.00	18.69 0.35 0.00
MAPLEWOD_115KV_TB3 80458	21.80 0.32 0.00	19.81 0.32 0.00	18.20 0.28 0.00	19.77 0.29 0.00	20.19 0.31 0.00	19.25 0.33 0.00	20.15 0.37 0.00	23.25 0.48 0.00	20.39 0.43 0.00	18.68 0.34 0.00	18.25 0.37 0.00	16.59 0.37 0.00	10.07 0.23 0.00	13.11 0.34 0.00	16.18 0.41 0.00	16.87 0.42 0.00	16.76 0.40 0.00	19.18 0.50 0.00	22.76 0.64 0.00	26.62 0.69 0.00	19.91 0.58 0.00	19.93 0.56 0.00	19.77 0.55 0.00	18.84 0.50 0.00
MAPLE RIDGE_WT_1 323574	21.21 -0.27 0.00	19.30 -0.19 0.00	17.82 -0.11 0.00	19.42 -0.06 0.00	19.84 -0.04 0.00	18.89 -0.03 0.00	19.75 -0.04 0.00	22.69 -0.08 0.00	19.84 -0.12 0.00	18.24 -0.11 0.00	17.74 -0.14 0.00	16.04 -0.18 0.00	9.78 -0.07 0.00	12.71 -0.06 0.00	15.71 -0.06 0.00	16.39 -0.06 0.00	16.31 -0.05 0.00	18.63 -0.05 0.00	22.05 -0.07 0.00	25.81 -0.11 0.00	19.18 -0.16 0.00	19.17 -0.20 0.00	19.01 -0.21 0.00	18.08 -0.26 0.00
MAPLE RIDGE_WT_2 323611	21.21 -0.27 0.00	19.30 -0.19 0.00	17.82 -0.11 0.00	19.42 -0.06 0.00	19.84 -0.04 0.00	18.89 -0.03 0.00	19.75 -0.04 0.00	22.69 -0.08 0.00	19.84 -0.12 0.00	18.24 -0.11 0.00	17.74 -0.14 0.00	16.04 -0.18 0.00	9.78 -0.07 0.00	12.71 -0.06 0.00	15.71 -0.06 0.00	16.39 -0.06 0.00	16.31 -0.05 0.00	18.63 -0.05 0.00	22.05 -0.07 0.00	25.81 -0.11 0.00	19.18 -0.16 0.00	19.17 -0.20 0.00	19.01 -0.21 0.00	18.08 -0.26 0.00
MARBLE_RIVER_WT_PWR 323696	21.75 0.27 0.00	19.78 0.29 0.00	18.12 0.20 0.00	19.66 0.19 0.00	20.14 0.26 0.00	19.12 0.20 0.00	20.02 0.24 0.00	23.07 0.31 0.00	20.20 0.24 0.00	18.50 0.15 0.00	17.84 -0.05 0.00	16.13 -0.09 0.00	9.81 -0.04 0.00	12.82 0.04 0.00	15.90 0.12 0.00	16.59 0.14 0.00	16.54 0.17 0.00	18.95 0.27 0.00	22.47 0.35 0.00	26.17 0.24 0.00	19.30 -0.03 0.00	19.46 0.08 0.00	19.30 0.08 0.00	18.33 -0.01 0.00
MARSHVLE_115KV_TB1 80742	22.68 1.20 0.00	20.57 1.08 0.00	18.93 1.00 0.00	20.55 1.07 0.00	20.98 1.10 0.00	19.98 1.06 0.00	20.91 1.13 0.00	24.03 1.26 0.00	21.04 1.08 0.00	19.40 1.06 0.00	18.82 0.93 0.00	17.04 0.82 0.00	10.30 0.46 0.00	13.31 0.54 0.00	16.43 0.67 0.00	17.09 0.64 0.00	17.08 0.71 0.00	19.53 0.85 0.00	23.16 1.04 0.00	27.35 1.43 0.00	20.33 1.00 0.00	20.37 0.99 0.00	20.14 0.91 0.00	19.18 0.83 0.00
MARSH_HILL_WT_PWR 323713	21.38 -0.10 0.00	19.62 0.13 0.00	17.99 0.06 0.00	19.65 0.17 0.00	20.12 0.24 0.00	19.15 0.22 0.00	20.18 0.39 0.00	23.10 0.34 0.00	20.12 0.16 0.00	18.28 -0.06 0.00	17.86 -0.03 0.00	15.96 -0.26 0.00	9.45 -0.40 0.00	11.97 -0.80 0.00	14.81 -0.96 0.00	15.63 -0.82 0.00	15.58 -0.78 0.00	17.84 -0.84 0.00	21.41 -0.72 0.00	25.39 -0.53 0.00	18.78 -0.56 0.00	18.35 -1.03 0.00	18.39 -0.83 0.00	17.70 -0.64 0.00
MCINTYRE_115KV_TB2 80467	21.74 0.26 0.00	19.70 0.21 0.00	18.11 0.19 0.00	19.68 0.20 0.00	20.09 0.21 0.00	19.12 0.20 0.00	20.05 0.27 0.00	23.07 0.30 0.00	20.15 0.19 0.00	18.39 0.04 0.00	17.74 -0.14 0.00	16.14 -0.08 0.00	9.82 -0.02 0.00	12.76 -0.02 0.00	15.91 0.14 0.00	16.62 0.17 0.00	16.61 0.24 0.00	18.98 0.30 0.00	22.42 0.30 0.00	26.24 0.32 0.00	19.46 0.13 0.00	19.55 0.17 0.00	19.38 0.16 0.00	18.43 0.09 0.00
MECO_____69_KV_BK1 80468	23.40 1.92 0.00	21.20 1.71 0.00	19.48 1.56 0.00	21.16 1.68 0.00	21.61 1.73 0.00	20.61 1.69 0.00	21.61 1.83 0.00	24.88 2.12 0.00	21.81 1.85 0.00	20.05 1.71 0.00	19.27 1.39 0.00	17.43 1.21 0.00	10.47 0.62 0.00	13.57 0.80 0.00	16.64 0.87 0.00	17.22 0.76 0.00	17.31 0.95 0.00	20.06 1.38 0.00	24.05 1.92 0.00	28.55 2.63 0.00	21.21 1.87 0.00	21.23 1.86 0.00	20.94 1.71 0.00	19.89 1.55 0.00
MENANDS___115KV_TB5 355628	21.76 0.27 0.00	19.78 0.29 0.00	18.17 0.24 0.00	19.74 0.26 0.00	20.16 0.28 0.00	19.21 0.30 0.00	20.11 0.32 0.00	23.21 0.44 0.00	20.36 0.40 0.00	18.65 0.31 0.00	18.23 0.34 0.00	16.58 0.36 0.00	10.07 0.22 0.00	13.11 0.33 0.00	16.17 0.40 0.00	16.87 0.42 0.00	16.76 0.39 0.00	19.17 0.49 0.00	22.72 0.60 0.00	26.57 0.64 0.00	19.87 0.54 0.00	19.89 0.52 0.00	19.74 0.51 0.00	18.81 0.47 0.00
MG INDUSTRY___DRP 24185	21.83 0.35 0.00	19.84 0.35 0.00	18.23 0.31 0.00	19.81 0.33 0.00	20.24 0.36 0.00	19.28 0.36 0.00	20.17 0.39 0.00	23.25 0.49 0.00	20.33 0.37 0.00	18.57 0.22 0.00	18.20 0.31 0.00	16.55 0.33 0.00	10.04 0.19 0.00	13.05 0.27 0.00	16.09 0.32 0.00	16.79 0.34 0.00	16.65 0.28 0.00	19.12 0.44 0.00	22.69 0.57 0.00	26.59 0.66 0.00	19.87 0.54 0.00	19.90 0.52 0.00	19.74 0.52 0.00	18.81 0.47 0.00
MID___OSWEGATCHIE_HYD 23849	20.69 -0.79 0.00	18.96 -0.54 0.00	17.48 -0.45 0.00	19.04 -0.43 0.00	19.45 -0.43 0.00	18.53 -0.38 0.00	19.41 -0.37 0.00	22.35 -0.41 0.00	19.54 -0.42 0.00	17.89 -0.46 0.00	17.30 -0.59 0.00	15.65 -0.58 0.00	9.54 -0.30 0.00	12.42 -0.35 0.00	15.38 -0.40 0.00	15.96 -0.49 0.00	15.95 -0.42 0.00	18.33 -0.35 0.00	21.74 -0.38 0.00	25.51 -0.42 0.00	18.91 -0.42 0.00	18.84 -0.54 0.00	18.71 -0.51 0.00	17.75 -0.59 0.00
MID___RAQUETTE_HYD 23851	20.98 -0.50 0.00	19.06 -0.43 0.00	17.54 -0.39 0.00	19.06 -0.41 0.00	19.46 -0.42 0.00	18.52 -0.39 0.00	19.42 -0.37 0.00	22.35 -0.42 0.00	19.55 -0.41 0.00	17.93 -0.42 0.00	17.33 -0.56 0.00	15.71 -0.51 0.00	9.57 -0.28 0.00	12.43 -0.34 0.00	15.44 -0.33 0.00	16.10 -0.35 0.00	16.07 -0.30 0.00	18.38 -0.30 0.00	21.75 -0.37 0.00	25.45 -0.48 0.00	18.87 -0.46 0.00	18.92 -0.45 0.00	18.77 -0.45 0.00	17.84 -0.50 0.00

MILLIKEN___1 23584	21.85 0.37 0.00	19.80 0.31 0.00	18.22 0.30 0.00	19.80 0.32 0.00	20.21 0.33 0.00	19.22 0.31 0.00	20.11 0.33 0.00	23.13 0.37 0.00	20.25 0.29 0.00	18.56 0.22 0.00	18.09 0.21 0.00	16.38 0.16 0.00	9.87 0.03 0.00	12.72 -0.05 0.00	15.66 -0.11 0.00	16.37 -0.08 0.00	16.36 0.00 0.00	18.65 -0.03 0.00	22.23 0.11 0.00	26.21 0.29 0.00	19.50 0.17 0.00	19.51 0.13 0.00	19.36 0.13 0.00	18.47 0.13 0.00
MILLIKEN___2 23585	21.85 0.37 0.00	19.80 0.31 0.00	18.22 0.30 0.00	19.80 0.32 0.00	20.21 0.33 0.00	19.22 0.31 0.00	20.11 0.33 0.00	23.13 0.37 0.00	20.25 0.29 0.00	18.56 0.22 0.00	18.09 0.21 0.00	16.38 0.16 0.00	9.87 0.03 0.00	12.72 -0.05 0.00	15.66 -0.11 0.00	16.37 -0.08 0.00	16.36 0.00 0.00	18.65 -0.03 0.00	22.23 0.11 0.00	26.21 0.29 0.00	19.50 0.17 0.00	19.51 0.13 0.00	19.36 0.13 0.00	18.47 0.13 0.00
MILLIKEN___DIESEL 23629	21.85 0.37 0.00	19.80 0.31 0.00	18.22 0.30 0.00	19.80 0.32 0.00	20.21 0.33 0.00	19.22 0.31 0.00	20.11 0.33 0.00	23.13 0.37 0.00	20.25 0.29 0.00	18.56 0.22 0.00	18.09 0.21 0.00	16.38 0.16 0.00	9.87 0.03 0.00	12.72 -0.05 0.00	15.66 -0.11 0.00	16.37 -0.08 0.00	16.36 0.00 0.00	18.65 -0.03 0.00	22.23 0.11 0.00	26.21 0.29 0.00	19.50 0.17 0.00	19.51 0.13 0.00	19.36 0.13 0.00	18.47 0.13 0.00
MILLSEAT___LFGE 323607	20.94 -0.54 0.00	19.08 -0.42 0.00	17.68 -0.24 0.00	19.28 -0.20 0.00	19.63 -0.25 0.00	18.59 -0.32 0.00	19.33 -0.45 0.00	21.73 -1.03 0.00	19.07 -0.89 0.00	17.63 -0.72 0.00	17.15 -0.74 0.00	15.50 -0.73 0.00	9.28 -0.56 0.00	11.93 -0.84 0.00	14.56 -1.21 0.00	15.26 -1.19 0.00	15.23 -1.13 0.00	17.21 -1.47 0.00	20.24 -1.89 0.00	24.01 -1.92 0.00	17.89 -1.44 0.00	17.93 -1.44 0.00	17.92 -1.31 0.00	17.40 -0.94 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.00 0.52 0.00	19.93 0.44 0.00	18.28 0.35 0.00	19.83 0.35 0.00	20.27 0.39 0.00	19.32 0.40 0.00	20.32 0.54 0.00	23.59 0.83 0.00	20.72 0.76 0.00	19.05 0.70 0.00	18.66 0.77 0.00	16.94 0.71 0.00	10.28 0.44 0.00	13.33 0.56 0.00	16.42 0.65 0.00	17.13 0.67 0.00	17.06 0.70 0.00	19.48 0.80 0.00	23.11 0.99 0.00	27.13 1.21 0.00	20.24 0.91 0.00	20.29 0.91 0.00	20.09 0.87 0.00	19.12 0.78 0.00
MILLWOOD_13_KV_LOAD 356217	22.05 0.57 0.00	19.97 0.48 0.00	18.31 0.39 0.00	19.87 0.39 0.00	20.31 0.43 0.00	19.36 0.44 0.00	20.36 0.58 0.00	23.65 0.88 0.00	20.77 0.81 0.00	19.09 0.75 0.00	18.70 0.81 0.00	16.97 0.75 0.00	10.30 0.46 0.00	13.36 0.59 0.00	16.45 0.68 0.00	17.16 0.71 0.00	17.10 0.73 0.00	19.53 0.85 0.00	23.17 1.05 0.00	27.20 1.27 0.00	20.29 0.96 0.00	20.33 0.96 0.00	20.13 0.91 0.00	19.16 0.82 0.00
MODEL_CITY_ENERGY 24167	20.37 -1.11 0.00	18.58 -0.91 0.00	17.23 -0.69 0.00	18.79 -0.69 0.00	19.12 -0.76 0.00	18.10 -0.82 0.00	18.78 -1.00 0.00	21.02 -1.74 0.00	18.43 -1.53 0.00	17.05 -1.30 0.00	16.62 -1.27 0.00	15.06 -1.17 0.00	9.07 -0.77 0.00	11.66 -1.12 0.00	14.23 -1.54 0.00	14.85 -1.61 0.00	14.76 -1.61 0.00	16.61 -2.07 0.00	19.47 -2.65 0.00	23.10 -2.83 0.00	17.23 -2.10 0.00	17.29 -2.09 0.00	17.31 -1.92 0.00	16.87 -1.47 0.00
MODERN_LFGE___ 323580	20.37 -1.11 0.00	18.58 -0.91 0.00	17.23 -0.69 0.00	18.79 -0.69 0.00	19.12 -0.76 0.00	18.10 -0.82 0.00	18.78 -1.00 0.00	21.02 -1.74 0.00	18.43 -1.53 0.00	17.05 -1.30 0.00	16.62 -1.27 0.00	15.06 -1.17 0.00	9.07 -0.77 0.00	11.66 -1.12 0.00	14.23 -1.54 0.00	14.85 -1.61 0.00	14.76 -1.61 0.00	16.61 -2.07 0.00	19.47 -2.65 0.00	23.10 -2.83 0.00	17.23 -2.10 0.00	17.29 -2.09 0.00	17.31 -1.92 0.00	16.87 -1.47 0.00
MOHAWK_PAPER___DRP 24187	21.80 0.32 0.00	19.81 0.32 0.00	18.20 0.28 0.00	19.77 0.29 0.00	20.19 0.31 0.00	19.25 0.33 0.00	20.15 0.37 0.00	23.25 0.48 0.00	20.39 0.43 0.00	18.68 0.34 0.00	18.25 0.37 0.00	16.59 0.37 0.00	10.07 0.23 0.00	13.11 0.34 0.00	16.18 0.41 0.00	16.87 0.42 0.00	16.76 0.40 0.00	19.18 0.50 0.00	22.76 0.64 0.00	26.62 0.69 0.00	19.91 0.58 0.00	19.93 0.56 0.00	19.77 0.55 0.00	18.84 0.50 0.00
MOHICAN___35_KV_115KV_LD 80490	22.00 0.52 0.00	20.02 0.53 0.00	18.40 0.48 0.00	20.00 0.53 0.00	20.44 0.56 0.00	19.51 0.59 0.00	20.45 0.67 0.00	23.60 0.84 0.00	20.68 0.72 0.00	18.89 0.54 0.00	18.38 0.49 0.00	16.63 0.41 0.00	10.12 0.27 0.00	13.21 0.44 0.00	16.27 0.50 0.00	16.98 0.53 0.00	16.89 0.53 0.00	19.46 0.78 0.00	23.15 1.03 0.00	27.05 1.12 0.00	20.19 0.86 0.00	20.22 0.84 0.00	20.06 0.83 0.00	19.06 0.72 0.00
MONGAUP___HYD 23641	21.91 0.43 0.00	19.83 0.34 0.00	18.19 0.26 0.00	19.75 0.27 0.00	20.18 0.30 0.00	19.22 0.30 0.00	20.07 0.29 0.00	23.25 0.48 0.00	20.38 0.42 0.00	18.63 0.29 0.00	18.28 0.39 0.00	16.52 0.30 0.00	10.04 0.19 0.00	12.92 0.15 0.00	15.90 0.13 0.00	16.58 0.13 0.00	16.56 0.20 0.00	19.00 0.32 0.00	22.69 0.57 0.00	26.72 0.79 0.00	19.94 0.60 0.00	20.01 0.63 0.00	19.96 0.74 0.00	18.99 0.65 0.00
MONTAUK___DIESEL 23721	22.31 0.83 0.00	20.31 0.82 0.00	18.84 0.91 0.00	20.41 0.93 0.00	20.82 0.94 0.00	19.87 0.95 0.00	21.02 1.25 0.00	24.75 1.99 0.00	21.48 1.52 0.00	19.77 1.43 0.00	19.30 1.41 0.00	17.50 1.28 0.00	10.54 0.69 0.00	13.66 0.89 0.00	16.79 1.01 0.00	17.39 0.94 0.00	17.43 1.06 0.00	19.57 0.89 0.00	23.26 1.13 0.00	27.52 1.59 0.00	20.48 1.15 0.00	20.58 1.21 0.00	20.33 1.10 0.00	19.42 1.07 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.37 -0.11 0.00	19.43 -0.07 0.00	18.12 0.20 0.00	19.83 0.35 0.00	20.15 0.27 0.00	19.02 0.10 0.00	19.86 0.08 0.00	22.38 -0.38 0.00	19.60 -0.36 0.00	18.10 -0.24 0.00	17.65 -0.23 0.00	15.73 -0.49 0.00	9.38 -0.47 0.00	12.20 -0.57 0.00	14.96 -0.81 0.00	15.43 -1.02 0.00	15.17 -1.19 0.00	17.10 -1.58 0.00	20.29 -1.83 0.00	23.86 -2.06 0.00	17.67 -1.66 0.00	17.64 -1.73 0.00	17.97 -1.25 0.00	17.45 -0.89 0.00
MORTIMER_115KV_TB3 55949	21.07 -0.41 0.00	19.14 -0.35 0.00	17.69 -0.23 0.00	19.25 -0.22 0.00	19.64 -0.25 0.00	18.62 -0.30 0.00	19.41 -0.37 0.00	22.04 -0.73 0.00	19.33 -0.63 0.00	17.84 -0.50 0.00	17.37 -0.52 0.00	15.71 -0.51 0.00	9.47 -0.37 0.00	12.21 -0.56 0.00	14.99 -0.78 0.00	15.66 -0.79 0.00	15.61 -0.76 0.00	17.70 -0.98 0.00	20.86 -1.26 0.00	24.63 -1.30 0.00	18.36 -0.97 0.00	18.39 -0.99 0.00	18.32 -0.90 0.00	17.65 -0.69 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.12 0.64 0.00	20.03 0.54 0.00	18.36 0.44 0.00	19.91 0.43 0.00	20.35 0.47 0.00	19.41 0.49 0.00	20.42 0.64 0.00	23.72 0.95 0.00	20.84 0.88 0.00	19.18 0.84 0.00	18.79 0.90 0.00	17.06 0.83 0.00	10.36 0.51 0.00	13.43 0.66 0.00	16.53 0.76 0.00	17.24 0.79 0.00	17.18 0.81 0.00	19.60 0.92 0.00	23.24 1.12 0.00	27.32 1.39 0.00	20.39 1.06 0.00	20.43 1.05 0.00	20.22 1.00 0.00	19.24 0.89 0.00

MUNSVILLE_WIND_PWR 323609	22.99 1.51 0.00	20.76 1.27 0.00	18.97 1.05 0.00	20.56 1.08 0.00	21.10 1.22 0.00	20.26 1.34 0.00	21.28 1.50 0.00	24.52 1.75 0.00	21.54 1.58 0.00	19.67 1.33 0.00	19.19 1.30 0.00	17.36 1.14 0.00	10.35 0.50 0.00	13.25 0.48 0.00	16.22 0.45 0.00	16.86 0.41 0.00	16.95 0.59 0.00	19.50 0.82 0.00	23.53 1.41 0.00	27.80 1.87 0.00	20.56 1.23 0.00	20.49 1.11 0.00	20.32 1.09 0.00	19.16 0.82 0.00
N SALMON___HYD 24042	22.00 0.52 0.00	19.93 0.44 0.00	18.35 0.42 0.00	19.93 0.45 0.00	20.32 0.44 0.00	19.36 0.44 0.00	20.34 0.57 0.00	23.48 0.72 0.00	20.61 0.66 0.00	18.96 0.61 0.00	18.28 0.39 0.00	16.55 0.33 0.00	10.07 0.22 0.00	13.05 0.28 0.00	16.17 0.40 0.00	16.87 0.42 0.00	16.87 0.50 0.00	19.32 0.63 0.00	22.93 0.81 0.00	26.85 0.92 0.00	19.90 0.57 0.00	19.93 0.55 0.00	19.71 0.49 0.00	18.69 0.35 0.00
N.AKRON___115KV_KNAPP 355671	20.98 -0.50 0.00	19.08 -0.42 0.00	17.68 -0.24 0.00	19.29 -0.19 0.00	19.66 -0.22 0.00	18.60 -0.31 0.00	19.34 -0.44 0.00	21.72 -1.04 0.00	19.06 -0.89 0.00	17.62 -0.72 0.00	17.15 -0.74 0.00	15.50 -0.72 0.00	9.29 -0.56 0.00	11.96 -0.81 0.00	14.57 -1.20 0.00	15.26 -1.19 0.00	15.23 -1.13 0.00	17.20 -1.48 0.00	20.21 -1.91 0.00	23.99 -1.94 0.00	17.88 -1.46 0.00	17.91 -1.46 0.00	17.91 -1.32 0.00	17.38 -0.96 0.00
N.BELMOR_69_KV_BK1 55787	22.18 0.69 0.00	20.09 0.60 0.00	18.45 0.52 0.00	19.99 0.52 0.00	20.42 0.54 0.00	19.47 0.55 0.00	20.51 0.73 0.00	23.90 1.14 0.00	20.93 0.97 0.00	19.25 0.91 0.00	18.89 1.01 0.00	17.16 0.94 0.00	10.40 0.55 0.00	13.51 0.74 0.00	16.62 0.85 0.00	17.34 0.88 0.00	17.34 0.97 0.00	19.75 1.07 0.00	23.37 1.25 0.00	27.50 1.57 0.00	20.53 1.20 0.00	20.58 1.21 0.00	20.38 1.16 0.00	19.44 1.10 0.00
N.E._GEN_SANDY PD 24062	21.61 0.13 0.00	19.65 0.16 0.00	18.05 0.13 0.00	19.60 0.12 0.00	20.04 0.15 0.00	19.10 0.18 0.00	20.03 0.25 0.00	23.13 0.37 0.00	20.31 0.35 -0.01	18.61 0.27 0.00	18.21 0.33 0.00	16.57 0.35 0.00	10.06 0.22 0.00	13.35 0.35 -0.23	16.18 0.41 0.00	16.88 0.43 0.00	16.53 0.39 0.22	19.24 0.50 -0.07	22.72 0.60 0.00	26.55 0.63 0.00	19.86 0.53 0.00	19.88 0.51 0.00	19.72 0.49 0.00	18.79 0.44 -0.01
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.03 0.55 0.00	19.94 0.45 0.00	18.27 0.34 0.00	19.84 0.36 0.00	20.29 0.40 0.00	19.33 0.41 0.00	20.33 0.55 0.00	23.62 0.85 0.00	20.74 0.78 0.00	19.05 0.71 0.00	18.66 0.77 0.00	16.92 0.70 0.00	10.27 0.43 0.00	13.32 0.54 0.00	16.40 0.63 0.00	17.11 0.66 0.00	17.05 0.68 0.00	19.47 0.79 0.00	23.11 0.99 0.00	27.13 1.20 0.00	20.23 0.90 0.00	20.29 0.91 0.00	20.09 0.87 0.00	19.13 0.79 0.00
N.QUEENS_27_KV_LOAD 356247	22.09 0.61 0.00	20.02 0.53 0.00	18.38 0.46 0.00	19.86 0.38 0.00	20.32 0.43 0.00	19.41 0.49 0.00	20.40 0.61 0.00	23.69 0.92 0.00	20.85 0.88 0.00	19.23 0.89 0.00	18.84 0.95 0.00	17.10 0.88 0.00	10.39 0.54 0.00	13.46 0.69 0.00	16.55 0.78 0.00	17.28 0.83 0.00	17.20 0.84 0.00	19.60 0.92 0.00	23.25 1.13 0.00	27.30 1.37 0.00	20.40 1.07 0.00	20.41 1.03 0.00	20.18 0.96 0.01	19.22 0.88 0.00
N.TROY___115KV_TB1 355778	21.67 0.19 0.00	19.71 0.21 0.00	18.10 0.18 0.00	19.67 0.19 0.00	20.10 0.22 0.00	19.16 0.24 0.00	20.06 0.28 0.00	23.14 0.38 0.00	20.30 0.34 0.00	18.59 0.25 0.00	18.14 0.25 0.00	16.48 0.26 0.00	10.01 0.17 0.00	13.05 0.28 0.00	16.10 0.33 0.00	16.81 0.35 0.00	16.68 0.32 0.00	19.12 0.44 0.00	22.67 0.55 0.00	26.49 0.57 0.00	19.82 0.48 0.00	19.84 0.46 0.00	19.68 0.45 0.00	18.74 0.40 0.00
NARROWS_GT1_1 24228	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
NARROWS_GT1_2 24229	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
NARROWS_GT1_3 24230	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
NARROWS_GT1_4 24231	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
NARROWS_GT1_5 24232	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
NARROWS_GT1_6 24233	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
NARROWS_GT1_7 24234	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00

NARROWS_GT1_8 24235	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
NARROWS_GT2_1 24236	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
NARROWS_GT2_2 24237	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
NARROWS_GT2_3 24238	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
NARROWS_GT2_4 24239	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
NARROWS_GT2_5 24240	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
NARROWS_GT2_6 24241	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
NARROWS_GT2_7 24242	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
NARROWS_GT2_8 24243	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.29 0.81 0.00	20.26 0.77 0.00	18.61 0.69 0.00	20.23 0.76 0.00	20.67 0.79 0.00	19.71 0.79 0.00	20.64 0.86 0.00	23.80 1.03 0.00	20.82 0.87 0.00	18.90 0.55 0.00	18.44 0.55 0.00	16.85 0.63 0.00	10.19 0.34 0.00	13.21 0.44 0.00	16.27 0.50 0.00	16.97 0.52 0.00	16.86 0.49 0.00	19.42 0.74 0.00	23.16 1.04 0.00	27.23 1.30 0.00	20.36 1.03 0.00	20.36 0.98 0.00	20.17 0.95 0.00	19.20 0.86 0.00
NCHELSEA_115KV_TR2 355582	22.09 0.61 0.00	20.02 0.53 0.00	18.37 0.45 0.00	19.94 0.46 0.00	20.38 0.50 0.00	19.43 0.51 0.00	20.43 0.65 0.00	23.68 0.91 0.00	20.78 0.82 0.00	19.07 0.73 0.00	18.68 0.79 0.00	16.97 0.74 0.00	10.30 0.45 0.00	13.34 0.57 0.00	16.42 0.65 0.00	17.14 0.69 0.00	17.08 0.72 0.00	19.55 0.86 0.00	23.21 1.09 0.00	27.24 1.31 0.00	20.32 0.99 0.00	20.35 0.98 0.00	20.16 0.93 0.00	19.19 0.85 0.00
NEG CAPITAL___MECHNVIL 23645	21.94 0.46 0.00	19.93 0.44 0.00	18.32 0.39 0.00	19.90 0.42 0.00	20.34 0.45 0.00	19.39 0.47 0.00	20.32 0.54 0.00	23.45 0.69 0.00	20.55 0.59 0.00	18.80 0.46 0.00	18.33 0.45 0.00	16.63 0.41 0.00	10.11 0.26 0.00	13.16 0.39 0.00	16.23 0.46 0.00	16.93 0.48 0.00	16.84 0.48 0.00	19.35 0.67 0.00	22.98 0.85 0.00	26.86 0.94 0.00	20.07 0.74 0.00	20.08 0.71 0.00	19.91 0.69 0.00	18.95 0.61 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.71 -0.77 0.00	18.82 -0.67 0.00	17.38 -0.54 0.00	18.91 -0.57 0.00	19.28 -0.60 0.00	18.31 -0.61 0.00	19.08 -0.70 0.00	21.74 -1.03 0.00	19.08 -0.88 0.00	17.58 -0.76 0.00	17.12 -0.77 0.00	15.49 -0.73 0.00	9.34 -0.50 0.00	12.04 -0.73 0.00	14.81 -0.96 0.00	15.48 -0.97 0.00	15.44 -0.92 0.00	17.54 -1.14 0.00	20.71 -1.41 0.00	24.42 -1.50 0.00	18.19 -1.15 0.00	18.22 -1.16 0.00	18.11 -1.11 0.00	17.41 -0.93 0.00
NEG CENTRAL___DRP 24199	21.75 0.27 0.00	19.72 0.23 0.00	18.15 0.23 0.00	19.76 0.29 0.00	20.18 0.30 0.00	19.19 0.27 0.00	20.09 0.31 0.00	23.05 0.28 0.00	20.17 0.21 0.00	18.48 0.13 0.00	17.99 0.11 0.00	16.21 -0.02 0.00	9.76 -0.09 0.00	12.55 -0.22 0.00	15.47 -0.30 0.00	16.19 -0.26 0.00	16.16 -0.20 0.00	18.44 -0.24 0.00	21.99 -0.13 0.00	25.90 -0.03 0.00	19.30 -0.03 0.00	19.24 -0.13 0.00	19.10 -0.12 0.00	18.27 -0.07 0.00
NEG CENTRAL___INDECK 23768	21.77 0.29 0.00	19.81 0.32 0.00	18.23 0.31 0.00	19.89 0.41 0.00	20.31 0.43 0.00	19.32 0.41 0.00	20.26 0.48 0.00	23.13 0.37 0.00	20.24 0.28 0.00	18.47 0.12 0.00	17.78 -0.11 0.00	15.97 -0.25 0.00	9.56 -0.28 0.00	12.24 -0.53 0.00	15.07 -0.70 0.00	15.79 -0.66 0.00	15.76 -0.60 0.00	18.01 -0.67 0.00	21.60 -0.52 0.00	25.70 -0.23 0.00	19.10 -0.23 0.00	18.97 -0.41 0.00	18.87 -0.36 0.00	18.13 -0.21 0.00

NEG CENTRAL___SENECA 23627	21.90 0.42 0.00	19.85 0.36 0.00	18.25 0.33 0.00	19.92 0.45 0.00	20.33 0.45 0.00	19.34 0.42 0.00	20.30 0.51 0.00	23.24 0.48 0.00	20.34 0.38 0.00	18.60 0.25 0.00	18.10 0.21 0.00	16.24 0.02 0.00	9.75 -0.10 0.00	12.53 -0.24 0.00	15.45 -0.32 0.00	16.17 -0.28 0.00	16.15 -0.21 0.00	18.44 -0.24 0.00	22.05 -0.07 0.00	26.01 0.08 0.00	19.37 0.04 0.00	19.27 -0.10 0.00	19.14 -0.08 0.00	18.29 -0.05 0.00
NEG CENTRAL___STATE_STREET 24147	21.70 0.22 0.00	19.70 0.21 0.00	18.15 0.22 0.00	19.69 0.21 0.00	20.12 0.24 0.00	19.10 0.18 0.00	19.93 0.16 0.00	22.95 0.19 0.00	20.05 0.09 0.00	18.41 0.06 0.00	17.94 0.05 0.00	16.28 0.06 0.00	9.84 -0.01 0.00	12.65 -0.13 0.00	15.58 -0.20 0.00	16.32 -0.13 0.00	16.30 -0.06 0.00	18.53 -0.15 0.00	22.07 -0.05 0.00	25.98 0.05 0.00	19.29 -0.04 0.00	19.33 -0.05 0.00	19.18 -0.04 0.00	18.36 0.02 0.00
NEG MILLWOOD___DRP 24198	22.13 0.65 0.00	20.06 0.57 0.00	18.40 0.48 0.00	19.97 0.50 0.00	20.42 0.53 0.00	19.47 0.55 0.00	20.48 0.70 0.00	23.76 0.99 0.00	20.87 0.91 0.00	19.16 0.82 0.00	18.76 0.87 0.00	17.03 0.81 0.00	10.34 0.50 0.00	13.41 0.64 0.00	16.50 0.73 0.00	17.21 0.76 0.00	17.15 0.79 0.00	19.61 0.93 0.00	23.28 1.15 0.00	27.33 1.40 0.00	20.40 1.07 0.00	20.43 1.05 0.00	20.22 1.00 0.00	19.25 0.91 0.00
NEG NORTH_FLCN_SEA 23793	22.03 0.55 0.00	20.04 0.55 0.00	18.37 0.45 0.00	19.93 0.45 0.00	20.41 0.52 0.00	19.38 0.46 0.00	20.26 0.48 0.00	23.39 0.63 0.00	20.49 0.53 0.00	18.75 0.41 0.00	18.10 0.21 0.00	16.35 0.12 0.00	9.93 0.08 0.00	12.98 0.21 0.00	16.08 0.31 0.00	16.78 0.33 0.00	16.72 0.36 0.00	19.21 0.53 0.00	22.78 0.66 0.00	26.53 0.60 0.00	19.53 0.20 0.00	19.68 0.31 0.00	19.56 0.33 0.00	18.56 0.22 0.00
NEG NORTH_KES_CHATEGAY 23792	21.76 0.28 0.00	19.75 0.26 0.00	18.11 0.18 0.00	19.65 0.18 0.00	20.12 0.23 0.00	19.09 0.17 0.00	19.99 0.21 0.00	23.04 0.27 0.00	20.17 0.21 0.00	18.49 0.14 0.00	17.84 -0.05 0.00	16.13 -0.10 0.00	9.81 -0.03 0.00	12.81 0.04 0.00	15.87 0.09 0.00	16.56 0.11 0.00	16.52 0.15 0.00	18.92 0.23 0.00	22.43 0.30 0.00	26.11 0.19 0.00	19.30 -0.03 0.00	19.44 0.06 0.00	19.29 0.06 0.00	18.32 -0.02 0.00
NEG NORTH___ALICE_FALLS 23915	22.05 0.57 0.00	20.05 0.56 0.00	18.38 0.46 0.00	19.94 0.46 0.00	20.41 0.53 0.00	19.39 0.47 0.00	20.28 0.50 0.00	23.42 0.65 0.00	20.52 0.56 0.00	18.80 0.45 0.00	18.14 0.25 0.00	16.39 0.16 0.00	9.96 0.11 0.00	13.01 0.24 0.00	16.11 0.34 0.00	16.81 0.35 0.00	16.75 0.39 0.00	19.24 0.55 0.00	22.82 0.70 0.00	26.58 0.65 0.00	19.58 0.25 0.00	19.73 0.35 0.00	19.58 0.36 0.00	18.58 0.24 0.00
NEG NORTH___LWR_SARANAC 23913	22.05 0.57 0.00	20.05 0.56 0.00	18.38 0.46 0.00	19.94 0.46 0.00	20.41 0.53 0.00	19.39 0.47 0.00	20.28 0.50 0.00	23.42 0.65 0.00	20.52 0.56 0.00	18.80 0.45 0.00	18.14 0.25 0.00	16.39 0.16 0.00	9.96 0.11 0.00	13.01 0.24 0.00	16.11 0.34 0.00	16.81 0.35 0.00	16.75 0.39 0.00	19.24 0.55 0.00	22.82 0.70 0.00	26.58 0.65 0.00	19.58 0.25 0.00	19.73 0.35 0.00	19.58 0.36 0.00	18.58 0.24 0.00
NEG NORTH___PLATTSBURG 23628	22.05 0.57 0.00	20.05 0.56 0.00	18.38 0.46 0.00	19.94 0.46 0.00	20.41 0.53 0.00	19.39 0.47 0.00	20.28 0.50 0.00	23.42 0.65 0.00	20.52 0.56 0.00	18.80 0.45 0.00	18.14 0.25 0.00	16.39 0.16 0.00	9.96 0.11 0.00	13.01 0.24 0.00	16.11 0.34 0.00	16.81 0.35 0.00	16.75 0.39 0.00	19.24 0.55 0.00	22.82 0.70 0.00	26.58 0.65 0.00	19.58 0.25 0.00	19.73 0.35 0.00	19.58 0.36 0.00	18.58 0.24 0.00
NEG WEST_LEA_LOCKPORT 23791	20.63 -0.85 0.00	18.77 -0.72 0.00	17.40 -0.52 0.00	18.98 -0.49 0.00	19.35 -0.53 0.00	18.29 -0.63 0.00	19.00 -0.79 0.00	21.27 -1.49 0.00	18.65 -1.31 0.00	17.25 -1.09 0.00	16.81 -1.07 0.00	15.22 -1.00 0.00	9.16 -0.68 0.00	11.77 -1.00 0.00	14.37 -1.40 0.00	15.01 -1.44 0.00	14.93 -1.44 0.00	16.80 -1.88 0.00	19.70 -2.42 0.00	23.38 -2.55 0.00	17.43 -1.90 0.00	17.48 -1.90 0.00	17.50 -1.73 0.00	17.04 -1.30 0.00
NEG WEST___LANCASTR 23811	21.67 0.19 0.00	19.64 0.15 0.00	18.20 0.27 0.00	19.87 0.39 0.00	20.24 0.36 0.00	19.14 0.22 0.00	19.95 0.17 0.00	22.50 -0.27 0.00	19.70 -0.26 0.00	18.20 -0.15 0.00	17.72 -0.17 0.00	16.02 -0.20 0.00	9.65 -0.19 0.00	12.44 -0.33 0.00	15.26 -0.51 0.00	15.94 -0.52 0.00	15.82 -0.54 0.00	17.80 -0.88 0.00	20.94 -1.18 0.00	24.72 -1.20 0.00	18.46 -0.88 0.00	18.51 -0.86 0.00	18.54 -0.69 0.00	17.92 -0.42 0.00
NEG_PENN_ALLEGHNY 23528	21.52 0.04 0.00	19.48 -0.01 0.00	17.93 0.01 0.00	19.53 0.05 0.00	19.90 0.02 0.00	18.94 0.02 0.00	19.83 0.05 0.00	22.77 0.01 0.00	19.95 -0.01 0.00	18.33 -0.01 0.00	17.90 0.02 0.00	16.19 -0.04 0.00	9.78 -0.07 0.00	12.65 -0.12 0.00	15.61 -0.16 0.00	16.28 -0.17 0.00	16.21 -0.15 0.00	18.44 -0.24 0.00	21.91 -0.21 0.00	25.77 -0.16 0.00	19.20 -0.13 0.00	19.21 -0.17 0.00	19.07 -0.15 0.00	18.19 -0.15 0.00
NEG___GEN_MONROE 24207	21.19 -0.29 0.00	19.26 -0.24 0.00	17.80 -0.12 0.00	19.39 -0.09 0.00	19.77 -0.11 0.00	18.74 -0.18 0.00	19.52 -0.26 0.00	22.14 -0.63 0.00	19.43 -0.53 0.00	17.93 -0.42 0.00	17.44 -0.45 0.00	15.76 -0.47 0.00	9.48 -0.37 0.00	12.21 -0.56 0.00	14.98 -0.79 0.00	15.67 -0.78 0.00	15.63 -0.73 0.00	17.73 -0.95 0.00	20.90 -1.23 0.00	24.70 -1.23 0.00	18.41 -0.93 0.00	18.44 -0.94 0.00	18.37 -0.85 0.00	17.72 -0.62 0.00
NEPA___ENERGY 23901	21.07 -0.41 0.00	19.03 -0.47 0.00	17.64 -0.29 0.00	19.31 -0.17 0.00	19.62 -0.26 0.00	18.54 -0.37 0.00	19.39 -0.39 0.00	21.96 -0.80 0.00	19.17 -0.78 0.00	17.69 -0.66 0.00	17.29 -0.60 0.00	15.55 -0.67 0.00	9.36 -0.49 0.00	12.12 -0.65 0.00	14.90 -0.87 0.00	15.50 -0.95 0.00	15.37 -0.99 0.00	17.23 -1.45 0.00	20.41 -1.71 0.00	24.08 -1.84 0.00	17.89 -1.45 0.00	17.96 -1.41 0.00	18.04 -1.19 0.00	17.34 -1.00 0.00
NEVERSINK___HYD 23608	22.35 0.87 0.00	20.27 0.78 0.00	18.54 0.61 0.00	20.14 0.66 0.00	20.59 0.71 0.00	19.63 0.71 0.00	20.64 0.86 0.00	23.92 1.15 0.00	20.98 1.02 0.00	19.21 0.87 0.00	18.82 0.93 0.00	17.14 0.92 0.00	10.38 0.54 0.00	13.41 0.63 0.00	16.49 0.72 0.00	17.24 0.79 0.00	17.11 0.74 0.00	19.58 0.90 0.00	23.42 1.30 0.00	27.60 1.67 0.00	20.55 1.22 0.00	20.54 1.16 0.00	20.33 1.10 0.00	19.34 1.01 0.00
NEWKRMKL_115KV_TB1 55635	21.83 0.35 0.00	19.84 0.35 0.00	18.23 0.30 0.00	19.80 0.32 0.00	20.23 0.35 0.00	19.28 0.36 0.00	20.18 0.40 0.00	23.29 0.53 0.00	20.43 0.47 0.00	18.72 0.38 0.00	18.30 0.41 0.00	16.65 0.42 0.00	10.10 0.25 0.00	13.15 0.37 0.00	16.21 0.44 0.00	16.91 0.46 0.00	16.81 0.44 0.00	19.23 0.55 0.00	22.79 0.67 0.00	26.67 0.74 0.00	19.93 0.60 0.00	19.96 0.58 0.00	19.80 0.58 0.00	18.87 0.53 0.00

NEWTON___FALLS_HYD 23847	20.69 -0.79 0.00	18.96 -0.54 0.00	17.48 -0.45 0.00	19.04 -0.43 0.00	19.45 -0.43 0.00	18.53 -0.38 0.00	19.41 -0.37 0.00	22.35 -0.41 0.00	19.54 -0.42 0.00	17.89 -0.46 0.00	17.30 -0.59 0.00	15.65 -0.58 0.00	9.54 -0.30 0.00	12.42 -0.35 0.00	15.38 -0.40 0.00	15.96 -0.49 0.00	15.95 -0.42 0.00	18.33 -0.35 0.00	21.74 -0.38 0.00	25.51 -0.42 0.00	18.91 -0.42 0.00	18.84 -0.54 0.00	18.71 -0.51 0.00	17.75 -0.59 0.00
NGRID_A1_DSASP 323792	20.15 -1.33 0.00	18.49 -1.00 0.00	17.17 -0.76 0.00	18.71 -0.77 0.00	19.04 -0.85 0.00	18.02 -0.90 0.00	18.69 -1.09 0.00	20.92 -1.85 0.00	18.34 -1.63 0.00	16.97 -1.38 0.00	16.53 -1.35 0.00	14.99 -1.23 0.00	9.04 -0.80 0.00	11.63 -1.15 0.00	14.20 -1.57 0.00	14.81 -1.65 0.00	14.71 -1.66 0.00	16.52 -2.16 0.00	19.36 -2.76 0.00	22.97 -2.96 0.00	17.14 -2.19 0.00	17.21 -2.17 0.00	17.23 -1.99 0.00	16.80 -1.54 0.00
NGRID_A2_DSASP 323793	20.15 -1.33 0.00	18.49 -1.00 0.00	17.17 -0.76 0.00	18.71 -0.77 0.00	19.04 -0.85 0.00	18.02 -0.90 0.00	18.69 -1.09 0.00	20.92 -1.85 0.00	18.34 -1.63 0.00	16.97 -1.38 0.00	16.53 -1.35 0.00	14.99 -1.23 0.00	9.04 -0.80 0.00	11.63 -1.15 0.00	14.20 -1.57 0.00	14.81 -1.65 0.00	14.71 -1.66 0.00	16.52 -2.16 0.00	19.36 -2.76 0.00	22.97 -2.96 0.00	17.14 -2.19 0.00	17.21 -2.17 0.00	17.23 -1.99 0.00	16.80 -1.54 0.00
NGRID_A4_DSASP 323807	20.15 -1.33 0.00	18.49 -1.00 0.00	17.17 -0.76 0.00	18.71 -0.77 0.00	19.04 -0.85 0.00	18.02 -0.90 0.00	18.69 -1.09 0.00	20.92 -1.85 0.00	18.34 -1.63 0.00	16.97 -1.38 0.00	16.53 -1.35 0.00	14.99 -1.23 0.00	9.04 -0.80 0.00	11.63 -1.15 0.00	14.20 -1.57 0.00	14.81 -1.65 0.00	14.71 -1.66 0.00	16.52 -2.16 0.00	19.36 -2.76 0.00	22.97 -2.96 0.00	17.14 -2.19 0.00	17.21 -2.17 0.00	17.23 -1.99 0.00	16.80 -1.54 0.00
NIAGARA_115E_LBMP 323715	20.24 -1.24 0.00	18.48 -1.01 0.00	17.14 -0.78 0.00	18.68 -0.79 0.00	19.01 -0.87 0.00	18.00 -0.92 0.00	18.66 -1.12 0.00	20.88 -1.89 0.00	18.30 -1.66 0.00	16.93 -1.42 0.00	16.51 -1.38 0.00	14.96 -1.27 0.00	9.02 -0.82 0.00	11.59 -1.19 0.00	14.15 -1.63 0.00	14.75 -1.70 0.00	14.66 -1.70 0.00	16.49 -2.19 0.00	19.33 -2.80 0.00	22.93 -3.00 0.00	17.11 -2.22 0.00	17.16 -2.21 0.00	17.18 -2.04 0.00	16.76 -1.58 0.00
NIAGARA_115W_LBMP 323714	20.10 -1.38 0.00	18.45 -1.04 0.00	17.13 -0.79 0.00	18.68 -0.80 0.00	19.00 -0.88 0.00	17.98 -0.94 0.00	18.66 -1.12 0.00	20.87 -1.89 0.00	18.30 -1.66 0.00	16.93 -1.41 0.00	16.50 -1.39 0.00	14.96 -1.26 0.00	9.03 -0.82 0.00	11.61 -1.17 0.00	14.18 -1.60 0.00	14.78 -1.68 0.00	14.68 -1.69 0.00	16.49 -2.19 0.00	19.33 -2.80 0.00	22.92 -3.01 0.00	17.11 -2.23 0.00	17.17 -2.20 0.00	17.20 -2.02 0.00	16.77 -1.57 0.00
NIAGARA_230_LBMP 323716	20.38 -1.10 0.00	18.61 -0.88 0.00	17.26 -0.66 0.00	18.82 -0.66 0.00	19.15 -0.73 0.00	18.12 -0.80 0.00	18.82 -0.96 0.00	21.11 -1.65 0.00	18.50 -1.46 0.00	17.11 -1.23 0.00	16.67 -1.22 0.00	15.10 -1.12 0.00	9.11 -0.73 0.00	11.72 -1.05 0.00	14.33 -1.44 0.00	14.95 -1.50 0.00	14.84 -1.52 0.00	16.68 -2.00 0.00	19.56 -2.56 0.00	23.18 -2.75 0.00	17.30 -2.04 0.00	17.36 -2.01 0.00	17.39 -1.83 0.00	16.92 -1.42 0.00
NIAGARA___115KV_198_GIBSON 55903	20.16 -1.33 0.00	18.45 -1.04 0.00	17.13 -0.79 0.00	18.68 -0.80 0.00	19.02 -0.86 0.00	17.98 -0.94 0.00	18.66 -1.12 0.00	20.87 -1.89 0.00	18.30 -1.66 0.00	16.93 -1.42 0.00	16.50 -1.39 0.00	14.96 -1.27 0.00	9.03 -0.82 0.00	11.61 -1.17 0.00	14.18 -1.60 0.00	14.78 -1.68 0.00	14.68 -1.69 0.00	16.49 -2.19 0.00	19.32 -2.80 0.00	22.92 -3.01 0.00	17.11 -2.23 0.00	17.17 -2.21 0.00	17.20 -2.02 0.00	16.77 -1.57 0.00
NIAGARA____ 23760	20.38 -1.10 0.00	18.61 -0.88 0.00	17.26 -0.66 0.00	18.82 -0.66 0.00	19.15 -0.73 0.00	18.12 -0.80 0.00	18.82 -0.96 0.00	21.11 -1.65 0.00	18.50 -1.46 0.00	17.11 -1.23 0.00	16.67 -1.22 0.00	15.10 -1.12 0.00	9.11 -0.73 0.00	11.72 -1.05 0.00	14.33 -1.44 0.00	14.95 -1.50 0.00	14.84 -1.52 0.00	16.68 -2.00 0.00	19.56 -2.56 0.00	23.18 -2.75 0.00	17.30 -2.04 0.00	17.36 -2.01 0.00	17.39 -1.83 0.00	16.92 -1.42 0.00
NINE_MILE_1 23575	21.01 -0.47 0.00	19.09 -0.41 0.00	17.58 -0.34 0.00	19.11 -0.37 0.00	19.48 -0.40 0.00	18.52 -0.40 0.00	19.29 -0.49 0.00	22.13 -0.63 0.00	19.42 -0.54 0.00	17.87 -0.47 0.00	17.44 -0.45 0.00	15.82 -0.40 0.00	9.60 -0.25 0.00	12.44 -0.33 0.00	15.34 -0.43 0.00	15.99 -0.46 0.00	15.92 -0.45 0.00	18.14 -0.54 0.00	21.46 -0.66 0.00	25.20 -0.73 0.00	18.80 -0.53 0.00	18.82 -0.56 0.00	18.68 -0.54 0.00	17.87 -0.47 0.00
NINE_MILE_2 23744	21.01 -0.47 0.00	19.09 -0.40 0.00	17.58 -0.34 0.00	19.11 -0.37 0.00	19.49 -0.39 0.00	18.52 -0.40 0.00	19.29 -0.49 0.00	22.13 -0.63 0.00	19.42 -0.54 0.00	17.88 -0.47 0.00	17.44 -0.45 0.00	15.83 -0.40 0.00	9.60 -0.24 0.00	12.44 -0.33 0.00	15.34 -0.43 0.00	15.99 -0.46 0.00	15.92 -0.45 0.00	18.14 -0.54 0.00	21.46 -0.66 0.00	25.20 -0.73 0.00	18.80 -0.53 0.00	18.82 -0.55 0.00	18.68 -0.54 0.00	17.87 -0.47 0.00
NM_CAPITAL___DRP 24208	21.76 0.27 0.00	19.78 0.29 0.00	18.16 0.24 0.00	19.74 0.26 0.00	20.16 0.28 0.00	19.21 0.30 0.00	20.11 0.32 0.00	23.21 0.44 0.00	20.35 0.39 0.00	18.65 0.31 0.00	18.23 0.34 0.00	16.58 0.36 0.00	10.07 0.22 0.00	13.11 0.33 0.00	16.17 0.40 0.00	16.86 0.42 0.00	16.75 0.39 0.00	19.16 0.49 0.00	22.72 0.59 0.00	26.57 0.64 0.00	19.87 0.53 0.00	19.89 0.51 0.00	19.74 0.51 0.00	18.80 0.46 0.00
NM_CENTRAL___DRP 24181	21.37 -0.11 0.00	19.40 -0.10 0.00	17.85 -0.07 0.00	19.42 -0.06 0.00	19.81 -0.08 0.00	18.83 -0.08 0.00	19.64 -0.14 0.00	22.54 -0.22 0.00	19.77 -0.19 0.00	18.19 -0.16 0.00	17.75 -0.14 0.00	16.09 -0.13 0.00	9.74 -0.10 0.00	12.61 -0.17 0.00	15.53 -0.24 0.00	16.20 -0.25 0.00	16.13 -0.23 0.00	18.41 -0.27 0.00	21.79 -0.33 0.00	25.60 -0.33 0.00	19.10 -0.23 0.00	19.11 -0.27 0.00	18.96 -0.27 0.00	18.13 -0.21 0.00
NM_FRONTIER___DRP 24179	20.16 -1.33 0.00	18.45 -1.04 0.00	17.13 -0.79 0.00	18.68 -0.80 0.00	19.02 -0.86 0.00	17.98 -0.94 0.00	18.66 -1.12 0.00	20.87 -1.89 0.00	18.30 -1.66 0.00	16.93 -1.42 0.00	16.50 -1.39 0.00	14.96 -1.27 0.00	9.03 -0.82 0.00	11.61 -1.17 0.00	14.18 -1.60 0.00	14.78 -1.68 0.00	14.68 -1.69 0.00	16.49 -2.19 0.00	19.32 -2.80 0.00	22.92 -3.01 0.00	17.11 -2.23 0.00	17.17 -2.21 0.00	17.20 -2.02 0.00	16.77 -1.57 0.00
NM_ST_REGIS___HYD 24053	21.25 -0.23 0.00	19.29 -0.20 0.00	17.74 -0.18 0.00	19.29 -0.19 0.00	19.68 -0.20 0.00	18.74 -0.18 0.00	19.65 -0.13 0.00	22.64 -0.12 0.00	19.83 -0.13 0.00	18.19 -0.15 0.00	17.58 -0.30 0.00	15.93 -0.29 0.00	9.70 -0.15 0.00	12.59 -0.18 0.00	15.63 -0.14 0.00	16.30 -0.15 0.00	16.28 -0.08 0.00	18.63 -0.05 0.00	22.06 -0.07 0.00	25.81 -0.11 0.00	19.14 -0.19 0.00	19.18 -0.19 0.00	19.02 -0.21 0.00	18.06 -0.28 0.00

NORTHPORT___1 23551	22.07 0.58 0.00	20.03 0.54 0.00	18.42 0.50 0.00	19.95 0.47 0.00	20.37 0.49 0.00	19.40 0.48 0.00	20.43 0.65 0.00	23.84 1.08 0.00	20.83 0.87 0.00	19.20 0.86 0.00	18.85 0.96 0.00	17.14 0.92 0.00	10.38 0.53 0.00	13.51 0.73 0.00	16.62 0.85 0.00	17.30 0.85 0.00	17.30 0.93 0.00	19.64 0.96 0.00	23.18 1.06 0.00	27.24 1.32 0.00	20.35 1.02 0.00	20.43 1.05 0.00	20.25 1.03 0.00	19.38 1.03 0.00
NORTHPORT___2 23552	22.07 0.58 0.00	20.03 0.54 0.00	18.42 0.50 0.00	19.95 0.47 0.00	20.37 0.49 0.00	19.40 0.48 0.00	20.43 0.65 0.00	23.84 1.08 0.00	20.83 0.87 0.00	19.20 0.86 0.00	18.85 0.96 0.00	17.14 0.92 0.00	10.38 0.53 0.00	13.51 0.73 0.00	16.62 0.85 0.00	17.30 0.85 0.00	17.30 0.93 0.00	19.64 0.96 0.00	23.18 1.06 0.00	27.24 1.32 0.00	20.35 1.02 0.00	20.43 1.05 0.00	20.25 1.03 0.00	19.38 1.03 0.00
NORTHPORT___3 23553	21.99 0.51 0.00	19.95 0.46 0.00	18.34 0.41 0.00	19.87 0.39 0.00	20.29 0.41 0.00	19.33 0.40 0.00	20.36 0.58 0.00	23.74 0.98 0.00	20.77 0.81 0.00	19.12 0.77 0.00	18.77 0.88 0.00	17.06 0.84 0.00	10.33 0.49 0.00	13.43 0.66 0.00	16.55 0.78 0.00	17.24 0.79 0.00	17.23 0.87 0.00	19.60 0.92 0.00	23.17 1.06 0.00	27.24 1.31 0.00	20.34 1.01 0.00	20.41 1.03 0.00	20.21 0.99 0.00	19.30 0.96 0.00
NORTHPORT___4 23650	21.99 0.51 0.00	19.95 0.46 0.00	18.34 0.41 0.00	19.87 0.39 0.00	20.29 0.41 0.00	19.33 0.40 0.00	20.36 0.58 0.00	23.74 0.98 0.00	20.77 0.81 0.00	19.12 0.77 0.00	18.77 0.88 0.00	17.06 0.84 0.00	10.33 0.49 0.00	13.43 0.66 0.00	16.55 0.78 0.00	17.24 0.79 0.00	17.23 0.87 0.00	19.60 0.92 0.00	23.17 1.06 0.00	27.24 1.31 0.00	20.34 1.01 0.00	20.41 1.03 0.00	20.21 0.99 0.00	19.30 0.96 0.00
NORTHPORT___IC 23718	22.06 0.58 0.00	20.03 0.54 0.00	18.42 0.50 0.00	19.95 0.47 0.00	20.37 0.48 0.00	19.40 0.48 0.00	20.43 0.65 0.00	23.85 1.08 0.00	20.82 0.87 0.00	19.20 0.86 0.00	18.85 0.96 0.00	17.14 0.92 0.00	10.38 0.53 0.00	13.51 0.73 0.00	16.62 0.85 0.00	17.30 0.85 0.00	17.30 0.93 0.00	19.64 0.96 0.00	23.18 1.06 0.00	27.24 1.32 0.00	20.35 1.02 0.00	20.43 1.05 0.00	20.25 1.03 0.00	19.38 1.04 0.00
NORTH___COUNTRY_ESR 323785	21.67 0.19 0.00	19.69 0.19 0.00	18.04 0.12 0.00	19.59 0.11 0.00	20.05 0.17 0.00	19.03 0.12 0.00	19.93 0.15 0.00	22.96 0.19 0.00	20.10 0.14 0.00	18.42 0.08 0.00	17.78 -0.11 0.00	16.09 -0.14 0.00	9.78 -0.06 0.00	12.77 0.00 0.00	15.83 0.06 0.00	16.52 0.07 0.00	16.47 0.11 0.00	18.86 0.18 0.00	22.35 0.23 0.00	26.03 0.10 0.00	19.22 -0.11 0.00	19.38 0.00 0.00	19.22 0.00 0.00	18.27 -0.08 0.00
NPX_GEN_1385_PROXY 323591	21.85 0.37 0.00	19.92 0.42 0.00	18.32 0.39 0.00	19.84 0.36 0.00	20.26 0.37 0.00	19.28 0.36 0.00	20.36 0.58 0.00	23.75 0.99 0.00	20.64 0.68 0.00	19.03 0.68 0.00	18.65 0.77 0.00	17.05 0.82 0.00	10.31 0.46 0.00	13.49 0.71 0.00	16.60 0.83 0.00	17.20 0.75 0.00	17.18 0.82 0.00	19.54 0.85 0.00	23.00 0.88 0.00	26.95 1.03 0.00	20.13 0.80 0.00	20.13 0.75 0.00	20.10 0.81 -0.07	19.31 0.96 0.00
NPX_GEN_CSC 323557	21.93 0.45 0.00	19.89 0.40 0.00	18.39 0.47 0.00	19.91 0.44 0.00	20.32 0.44 0.00	19.36 0.44 0.00	20.46 0.68 0.00	24.12 1.35 0.00	20.94 0.98 0.00	19.39 1.05 0.00	18.97 1.08 0.00	17.23 1.01 0.00	10.40 0.55 0.00	13.53 0.75 0.00	16.67 0.90 0.00	17.32 0.87 0.00	17.40 1.04 0.00	19.56 0.88 0.00	23.18 1.05 0.00	27.42 1.49 0.00	20.45 1.12 0.00	20.56 1.19 0.00	20.40 1.11 -0.07	19.43 1.09 0.00
NSINS_S_GLNS_FALLS 23858	22.00 0.52 0.00	20.01 0.52 0.00	18.40 0.47 0.00	19.99 0.52 0.00	20.43 0.55 0.00	19.50 0.58 0.00	20.44 0.66 0.00	23.60 0.83 0.00	20.67 0.71 0.00	18.89 0.54 0.00	18.38 0.49 0.00	16.64 0.42 0.00	10.12 0.27 0.00	13.21 0.44 0.00	16.26 0.49 0.00	16.98 0.53 0.00	16.89 0.53 0.00	19.45 0.77 0.00	23.13 1.02 0.00	27.04 1.11 0.00	20.19 0.86 0.00	20.21 0.84 0.00	20.05 0.82 0.00	19.06 0.72 0.00
NUCOR_STEEL___DRP 24197	21.67 0.19 0.00	19.68 0.19 0.00	18.13 0.21 0.00	19.66 0.18 0.00	20.09 0.21 0.00	19.07 0.15 0.00	19.89 0.11 0.00	22.93 0.16 0.00	20.02 0.06 0.00	18.38 0.03 0.00	17.91 0.03 0.00	16.29 0.06 0.00	9.84 0.00 0.00	12.65 -0.12 0.00	15.59 -0.18 0.00	16.34 -0.12 0.00	16.31 -0.05 0.00	18.53 -0.15 0.00	22.07 -0.05 0.00	25.97 0.04 0.00	19.28 -0.06 0.00	19.32 -0.06 0.00	19.18 -0.05 0.00	18.36 0.02 0.00
NUMBER_THREE_WT_PWR 323818	20.88 -0.60 0.00	19.31 -0.18 0.00	17.83 -0.09 0.00	19.48 0.00 0.00	19.92 0.04 0.00	18.99 0.08 0.00	19.88 0.11 0.00	22.89 0.13 0.00	20.00 0.04 0.00	18.29 -0.05 0.00	17.71 -0.18 0.00	15.97 -0.26 0.00	9.74 -0.10 0.00	12.70 -0.07 0.00	15.67 -0.10 0.00	16.24 -0.21 0.00	16.21 -0.16 0.00	18.69 0.01 0.00	22.23 0.11 0.00	26.16 0.23 0.00	19.38 0.05 0.00	19.18 -0.19 0.00	19.09 -0.13 0.00	18.05 -0.29 0.00
NYISO_LBMP_REFERENCE 24008	21.48 0.00 0.00	19.49 0.00 0.00	17.92 0.00 0.00	19.47 0.00 0.00	19.88 0.00 0.00	18.92 0.00 0.00	19.78 0.00 0.00	22.76 0.00 0.00	19.96 0.00 0.00	18.34 0.00 0.00	17.89 0.00 0.00	16.22 0.00 0.00	9.84 0.00 0.00	12.77 0.00 0.00	15.77 0.00 0.00	16.45 0.00 0.00	16.36 0.00 0.00	18.68 0.00 0.00	22.12 0.00 0.00	25.93 0.00 0.00	19.33 0.00 0.00	19.38 0.00 0.00	19.22 0.00 0.00	18.34 0.00 0.00
NYPA_BRENTWD___GT 24164	22.28 0.79 0.00	20.20 0.70 0.00	18.57 0.65 0.00	20.12 0.64 0.00	20.55 0.66 0.00	19.57 0.65 0.00	20.64 0.86 0.00	24.11 1.35 0.00	21.06 1.10 0.00	19.39 1.04 0.00	19.01 1.12 0.00	17.28 1.06 0.00	10.46 0.61 0.00	13.59 0.82 0.00	16.73 0.96 0.00	17.41 0.96 0.00	17.44 1.07 0.00	19.82 1.14 0.00	23.45 1.33 0.00	27.63 1.70 0.00	20.62 1.29 0.00	20.70 1.32 0.00	20.49 1.27 0.00	19.57 1.23 0.00
NYPA_GOWANUS___GT5 24156	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00
NYPA_GOWANUS___GT6 24157	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.82 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00

NYPA_HARLEM__RVR__GT1 24160	22.10 0.62 0.00	20.01 0.52 0.00	18.37 0.44 0.00	19.85 0.37 0.00	20.31 0.43 0.00	19.40 0.48 0.00	20.39 0.61 0.00	23.67 0.90 0.00	20.83 0.87 0.00	19.20 0.86 0.00	18.80 0.91 0.00	17.07 0.85 0.00	10.37 0.52 0.00	13.44 0.66 0.00	16.53 0.75 0.00	17.25 0.80 0.00	17.18 0.82 0.00	19.57 0.89 0.00	23.22 1.10 0.00	27.28 1.35 0.00	20.38 1.05 0.00	20.39 1.01 0.00	20.17 0.96 0.01	19.21 0.88 0.01
NYPA_HARLEM__RVR__GT2 24161	22.10 0.62 0.00	20.01 0.52 0.00	18.37 0.44 0.00	19.85 0.37 0.00	20.31 0.43 0.00	19.40 0.48 0.00	20.39 0.61 0.00	23.67 0.90 0.00	20.83 0.87 0.00	19.20 0.86 0.00	18.80 0.91 0.00	17.07 0.85 0.00	10.37 0.52 0.00	13.44 0.66 0.00	16.53 0.75 0.00	17.25 0.80 0.00	17.18 0.82 0.00	19.57 0.89 0.00	23.22 1.10 0.00	27.28 1.35 0.00	20.38 1.05 0.00	20.39 1.01 0.00	20.17 0.96 0.01	19.21 0.88 0.01
NYPA_KENT____GT 24152	22.22 0.74 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.81 1.05 0.00	20.94 0.98 0.00	19.28 0.94 0.00	18.88 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.72 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.48 1.15 0.00	20.52 1.15 0.00	20.35 1.12 0.00	19.35 1.01 0.00
NYPA_POUCH1____GT 24155	22.16 0.68 0.00	20.05 0.57 0.00	18.38 0.46 0.00	19.93 0.45 0.00	20.38 0.50 0.00	19.44 0.52 0.00	20.45 0.67 0.00	23.76 1.00 0.00	20.89 0.93 0.00	19.23 0.88 0.00	18.82 0.93 0.00	17.06 0.84 0.00	10.36 0.52 0.00	13.43 0.65 0.00	16.52 0.75 0.00	17.24 0.79 0.00	17.18 0.81 0.00	19.61 0.93 0.00	23.27 1.15 0.00	27.35 1.42 0.00	20.41 1.08 0.00	20.46 1.09 0.00	20.44 1.21 0.00	19.44 1.10 0.00
NYPA_VERNON____GT2 24162	22.22 0.74 0.00	20.10 0.61 0.00	18.44 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.81 1.05 0.00	20.94 0.98 0.00	19.28 0.93 0.00	18.87 0.99 0.00	17.14 0.91 0.00	10.41 0.57 0.00	13.49 0.72 0.00	16.60 0.83 0.00	17.32 0.87 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.34 1.22 0.00	27.45 1.52 0.00	20.48 1.15 0.00	20.52 1.14 0.00	20.32 1.10 0.00	19.33 0.99 0.00
NYPA_VERNON____GT3 24163	22.22 0.74 0.00	20.10 0.61 0.00	18.44 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.81 1.05 0.00	20.94 0.98 0.00	19.28 0.93 0.00	18.87 0.99 0.00	17.14 0.91 0.00	10.41 0.57 0.00	13.49 0.72 0.00	16.60 0.83 0.00	17.32 0.87 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.34 1.22 0.00	27.45 1.52 0.00	20.48 1.15 0.00	20.52 1.14 0.00	20.32 1.10 0.00	19.33 0.99 0.00
NYPA__ASTORIA_CC1 323568	22.21 0.72 0.00	20.09 0.60 0.00	18.43 0.50 0.00	19.95 0.48 0.00	20.41 0.52 0.00	19.47 0.55 0.00	20.48 0.70 0.00	23.79 1.02 0.00	20.92 0.96 0.00	19.27 0.92 0.00	18.86 0.98 0.00	17.12 0.90 0.00	10.41 0.56 0.00	13.48 0.71 0.00	16.59 0.81 0.00	17.30 0.85 0.00	17.24 0.87 0.00	19.66 0.98 0.00	23.33 1.20 0.00	27.42 1.49 0.00	20.47 1.14 0.00	20.50 1.12 0.00	20.30 1.08 0.00	19.31 0.97 0.00
NYPA__ASTORIA_CC2 323569	22.21 0.72 0.00	20.09 0.60 0.00	18.43 0.50 0.00	19.95 0.48 0.00	20.41 0.52 0.00	19.47 0.55 0.00	20.48 0.70 0.00	23.79 1.02 0.00	20.92 0.96 0.00	19.27 0.92 0.00	18.86 0.98 0.00	17.12 0.90 0.00	10.41 0.56 0.00	13.48 0.71 0.00	16.59 0.81 0.00	17.30 0.85 0.00	17.24 0.87 0.00	19.66 0.98 0.00	23.33 1.20 0.00	27.42 1.49 0.00	20.47 1.14 0.00	20.50 1.12 0.00	20.30 1.08 0.00	19.31 0.97 0.00
NYPA__HOLTSVILL 23794	22.09 0.61 0.00	20.03 0.54 0.00	18.46 0.54 0.00	19.99 0.52 0.00	20.41 0.52 0.00	19.44 0.52 0.00	20.52 0.74 0.00	24.02 1.26 0.00	20.95 0.99 0.00	19.31 0.97 0.00	18.93 1.05 0.00	17.20 0.98 0.00	10.41 0.56 0.00	13.53 0.75 0.00	16.66 0.89 0.00	17.33 0.87 0.00	17.37 1.00 0.00	19.67 0.99 0.00	23.28 1.16 0.00	27.46 1.53 0.00	20.49 1.16 0.00	20.58 1.21 0.00	20.37 1.15 0.00	19.47 1.12 0.00
NYPA__HELLGATE_GT1 24158	22.10 0.62 0.00	20.01 0.52 0.00	18.37 0.44 0.00	19.85 0.37 0.00	20.31 0.43 0.00	19.40 0.48 0.00	20.39 0.61 0.00	23.67 0.90 0.00	20.83 0.87 0.00	19.20 0.86 0.00	18.80 0.91 0.00	17.07 0.85 0.00	10.37 0.52 0.00	13.44 0.66 0.00	16.53 0.75 0.00	17.25 0.80 0.00	17.18 0.81 0.00	19.57 0.89 0.00	23.22 1.10 0.00	27.28 1.35 0.00	20.38 1.05 0.00	20.39 1.01 0.00	20.18 0.96 0.00	19.22 0.88 0.00
NYPA__HELLGATE_GT2 24159	22.10 0.62 0.00	20.01 0.52 0.00	18.37 0.44 0.00	19.85 0.37 0.00	20.31 0.43 0.00	19.40 0.48 0.00	20.39 0.61 0.00	23.67 0.90 0.00	20.83 0.87 0.00	19.20 0.86 0.00	18.80 0.91 0.00	17.07 0.85 0.00	10.37 0.52 0.00	13.44 0.66 0.00	16.53 0.75 0.00	17.25 0.80 0.00	17.18 0.81 0.00	19.57 0.89 0.00	23.22 1.10 0.00	27.28 1.35 0.00	20.38 1.05 0.00	20.39 1.01 0.00	20.18 0.96 0.00	19.22 0.88 0.00
NYS_BARGE__HYD 23848	20.59 -0.90 0.00	18.77 -0.72 0.00	17.41 -0.51 0.00	18.99 -0.49 0.00	19.33 -0.56 0.00	18.30 -0.62 0.00	19.00 -0.79 0.00	21.28 -1.48 0.00	18.66 -1.30 0.00	17.26 -1.09 0.00	16.82 -1.07 0.00	15.23 -1.00 0.00	9.16 -0.68 0.00	11.77 -1.00 0.00	14.37 -1.40 0.00	15.01 -1.45 0.00	14.93 -1.43 0.00	16.81 -1.87 0.00	19.72 -2.40 0.00	23.40 -2.53 0.00	17.45 -1.89 0.00	17.50 -1.88 0.00	17.51 -1.71 0.00	17.05 -1.29 0.00
OAK ORCHARD__HYD 24046	21.04 -0.44 0.00	19.14 -0.35 0.00	17.69 -0.23 0.00	19.25 -0.22 0.00	19.62 -0.26 0.00	18.62 -0.30 0.00	19.40 -0.38 0.00	22.04 -0.73 0.00	19.33 -0.63 0.00	17.84 -0.50 0.00	17.37 -0.52 0.00	15.71 -0.51 0.00	9.47 -0.38 0.00	12.21 -0.56 0.00	14.99 -0.78 0.00	15.66 -0.79 0.00	15.61 -0.76 0.00	17.69 -0.99 0.00	20.86 -1.26 0.00	24.63 -1.30 0.00	18.36 -0.97 0.00	18.39 -0.99 0.00	18.32 -0.90 0.00	17.65 -0.69 0.00
OAKDALE__35_KV_LOAD 356122	21.53 0.05 0.00	19.48 -0.01 0.00	17.93 0.01 0.00	19.53 0.05 0.00	19.91 0.03 0.00	18.94 0.02 0.00	19.83 0.05 0.00	22.77 0.01 0.00	19.94 -0.02 0.00	18.33 -0.02 0.00	17.90 0.02 0.00	16.19 -0.03 0.00	9.79 -0.06 0.00	12.67 -0.10 0.00	15.63 -0.14 0.00	16.30 -0.15 0.00	16.22 -0.14 0.00	18.46 -0.22 0.00	21.92 -0.20 0.00	25.77 -0.16 0.00	19.20 -0.13 0.00	19.21 -0.16 0.00	19.08 -0.14 0.00	18.21 -0.13 0.00
OCC_CHEM__DRP 24175	20.20 -1.28 0.00	18.49 -1.00 0.00	17.17 -0.76 0.00	18.71 -0.76 0.00	19.06 -0.82 0.00	18.02 -0.90 0.00	18.70 -1.08 0.00	20.92 -1.85 0.00	18.34 -1.63 0.00	16.96 -1.38 0.00	16.53 -1.35 0.00	14.99 -1.24 0.00	9.04 -0.80 0.00	11.63 -1.15 0.00	14.20 -1.57 0.00	14.81 -1.65 0.00	14.71 -1.66 0.00	16.52 -2.16 0.00	19.36 -2.76 0.00	22.97 -2.96 0.00	17.14 -2.19 0.00	17.21 -2.17 0.00	17.23 -1.99 0.00	16.80 -1.54 0.00

OH_GEN_PROXY 24063	20.43 -1.05 0.00	18.64 -0.85 0.00	17.29 -0.63 0.00	18.84 -0.64 0.00	19.18 -0.71 0.00	18.14 -0.78 0.00	18.86 -0.92 0.00	21.19 -1.57 0.00	18.57 -1.39 0.00	17.18 -1.17 0.00	16.73 -1.16 0.00	15.15 -1.07 0.00	9.14 -0.71 0.00	11.77 -1.00 0.00	14.40 -1.37 0.00	15.02 -1.43 0.00	14.91 -1.45 0.00	16.76 -1.92 0.00	19.66 -2.46 0.00	23.28 -2.64 0.00	17.37 -1.96 0.00	17.44 -1.93 0.00	17.53 -1.76 -0.07	16.97 -1.37 0.00
OLIN_CORP_DRP 24177	20.34 -1.14 0.00	18.52 -0.98 0.00	17.17 -0.75 0.00	18.72 -0.75 0.00	19.07 -0.81 0.00	18.03 -0.89 0.00	18.71 -1.07 0.00	20.93 -1.83 0.00	18.35 -1.61 0.00	16.97 -1.37 0.00	16.54 -1.35 0.00	14.99 -1.23 0.00	9.04 -0.81 0.00	11.62 -1.16 0.00	14.18 -1.59 0.00	14.79 -1.66 0.00	14.70 -1.66 0.00	16.53 -2.15 0.00	19.38 -2.74 0.00	22.99 -2.93 0.00	17.15 -2.18 0.00	17.21 -2.17 0.00	17.23 -1.99 0.00	16.80 -1.54 0.00
OLIN_CORP_DSASP 323712	20.15 -1.33 0.00	18.49 -1.00 0.00	17.17 -0.76 0.00	18.71 -0.77 0.00	19.04 -0.85 0.00	18.02 -0.90 0.00	18.69 -1.09 0.00	20.92 -1.85 0.00	18.34 -1.63 0.00	16.97 -1.38 0.00	16.53 -1.35 0.00	14.99 -1.23 0.00	9.04 -0.80 0.00	11.63 -1.15 0.00	14.20 -1.57 0.00	14.81 -1.65 0.00	14.71 -1.66 0.00	16.52 -2.16 0.00	19.36 -2.76 0.00	22.97 -2.96 0.00	17.14 -2.19 0.00	17.21 -2.17 0.00	17.23 -1.99 0.00	16.80 -1.54 0.00
ONEIDA_HERK_LFGE 323681	21.49 0.01 0.00	19.63 0.14 0.00	18.08 0.16 0.00	19.69 0.22 0.00	20.12 0.24 0.00	19.17 0.25 0.00	20.06 0.28 0.00	23.11 0.34 0.00	20.24 0.28 0.00	18.57 0.23 0.00	18.07 0.18 0.00	16.32 0.10 0.00	9.91 0.07 0.00	12.87 0.10 0.00	15.87 0.09 0.00	16.51 0.06 0.00	16.44 0.07 0.00	18.90 0.22 0.00	22.47 0.34 0.00	26.39 0.46 0.00	19.62 0.29 0.00	19.55 0.17 0.00	19.40 0.18 0.00	18.44 0.09 0.00
ONEIDA___115KV_TB4 55905	21.88 0.40 0.00	19.87 0.37 0.00	18.27 0.35 0.00	19.88 0.40 0.00	20.30 0.42 0.00	19.33 0.41 0.00	20.23 0.45 0.00	23.29 0.52 0.00	20.42 0.46 0.00	18.74 0.39 0.00	18.27 0.39 0.00	16.49 0.27 0.00	9.98 0.13 0.00	12.93 0.15 0.00	15.91 0.14 0.00	16.61 0.16 0.00	16.52 0.16 0.00	18.97 0.29 0.00	22.59 0.46 0.00	26.54 0.61 0.00	19.77 0.44 0.00	19.75 0.37 0.00	19.57 0.35 0.00	18.65 0.31 0.00
ONONDAGA_REF_OCCRA 23987	21.50 0.02 0.00	19.50 0.01 0.00	17.95 0.03 0.00	19.52 0.05 0.00	19.92 0.03 0.00	18.94 0.02 0.00	19.77 -0.01 0.00	22.69 -0.07 0.00	19.90 -0.06 0.00	18.30 -0.05 0.00	17.85 -0.04 0.00	16.17 -0.05 0.00	9.79 -0.06 0.00	12.66 -0.11 0.00	15.60 -0.17 0.00	16.27 -0.18 0.00	16.21 -0.15 0.00	18.50 -0.18 0.00	21.93 -0.19 0.00	25.77 -0.15 0.00	19.23 -0.10 0.00	19.22 -0.15 0.00	19.08 -0.15 0.00	18.23 -0.11 0.00
ONONDAGA___COGEN 23986	21.51 0.03 0.00	19.52 0.03 0.00	17.97 0.05 0.00	19.54 0.06 0.00	19.93 0.05 0.00	18.95 0.03 0.00	19.77 -0.01 0.00	22.70 -0.06 0.00	19.90 -0.06 0.00	18.30 -0.05 0.00	17.85 -0.03 0.00	16.19 -0.04 0.00	9.80 -0.05 0.00	12.66 -0.11 0.00	15.61 -0.16 0.00	16.28 -0.17 0.00	16.23 -0.13 0.00	18.51 -0.16 0.00	21.93 -0.19 0.00	25.78 -0.15 0.00	19.21 -0.12 0.00	19.22 -0.15 0.00	19.07 -0.15 0.00	18.24 -0.10 0.00
ONTARIO___LFGE 23819	21.89 0.41 0.00	19.85 0.36 0.00	18.25 0.33 0.00	19.92 0.45 0.00	20.33 0.45 0.00	19.34 0.42 0.00	20.29 0.51 0.00	23.25 0.48 0.00	20.34 0.38 0.00	18.60 0.26 0.00	18.10 0.21 0.00	16.24 0.02 0.00	9.75 -0.10 0.00	12.53 -0.24 0.00	15.45 -0.32 0.00	16.17 -0.28 0.00	16.15 -0.21 0.00	18.44 -0.24 0.00	22.05 -0.07 0.00	26.01 0.08 0.00	19.37 0.04 0.00	19.27 -0.10 0.00	19.14 -0.08 0.00	18.29 -0.05 0.00
ORANGEVILLE_WT_PWR 323706	20.65 -0.83 0.00	18.74 -0.76 0.00	17.34 -0.59 0.00	19.01 -0.47 0.00	19.38 -0.50 0.00	18.38 -0.54 0.00	19.11 -0.67 0.00	21.43 -1.34 0.00	18.69 -1.27 0.00	17.26 -1.09 0.00	16.87 -1.02 0.00	15.34 -0.88 0.00	9.19 -0.66 0.00	11.77 -1.00 0.00	14.40 -1.37 0.00	15.08 -1.37 0.00	14.96 -1.40 0.00	16.86 -1.82 0.00	19.78 -2.34 0.00	23.50 -2.42 0.00	17.48 -1.85 0.00	17.41 -1.97 0.00	17.37 -1.85 0.00	16.90 -1.45 0.00
ORANGEVILLE___ESR 323794	20.65 -0.83 0.00	18.74 -0.76 0.00	17.34 -0.59 0.00	19.01 -0.47 0.00	19.38 -0.50 0.00	18.38 -0.54 0.00	19.11 -0.67 0.00	21.43 -1.34 0.00	18.69 -1.27 0.00	17.26 -1.09 0.00	16.87 -1.02 0.00	15.34 -0.88 0.00	9.19 -0.66 0.00	11.77 -1.00 0.00	14.40 -1.37 0.00	15.08 -1.37 0.00	14.96 -1.40 0.00	16.86 -1.82 0.00	19.78 -2.34 0.00	23.50 -2.42 0.00	17.48 -1.85 0.00	17.41 -1.97 0.00	17.37 -1.85 0.00	16.90 -1.45 0.00
OSWEGATCHIE___HYD 24044	20.70 -0.79 0.00	18.96 -0.54 0.00	17.48 -0.45 0.00	19.04 -0.43 0.00	19.45 -0.43 0.00	18.53 -0.38 0.00	19.41 -0.37 0.00	22.35 -0.41 0.00	19.54 -0.42 0.00	17.89 -0.46 0.00	17.30 -0.59 0.00	15.65 -0.58 0.00	9.54 -0.30 0.00	12.42 -0.35 0.00	15.38 -0.40 0.00	15.96 -0.49 0.00	15.95 -0.42 0.00	18.33 -0.36 0.00	21.74 -0.38 0.00	25.51 -0.41 0.00	18.91 -0.42 0.00	18.84 -0.54 0.00	18.72 -0.51 0.00	17.75 -0.59 0.00
OSWEGO___5 23606	21.16 -0.32 0.00	19.22 -0.27 0.00	17.70 -0.22 0.00	19.24 -0.23 0.00	19.62 -0.26 0.00	18.66 -0.26 0.00	19.45 -0.33 0.00	22.33 -0.44 0.00	19.59 -0.37 0.00	18.02 -0.33 0.00	17.58 -0.31 0.00	15.94 -0.28 0.00	9.66 -0.18 0.00	12.50 -0.27 0.00	15.41 -0.36 0.00	16.06 -0.38 0.00	15.99 -0.37 0.00	18.23 -0.45 0.00	21.58 -0.54 0.00	25.33 -0.59 0.00	18.90 -0.43 0.00	18.93 -0.45 0.00	18.78 -0.44 0.00	17.96 -0.38 0.00
OSWEGO___6 23613	21.16 -0.32 0.00	19.22 -0.27 0.00	17.70 -0.22 0.00	19.24 -0.23 0.00	19.62 -0.26 0.00	18.66 -0.26 0.00	19.45 -0.33 0.00	22.33 -0.44 0.00	19.59 -0.37 0.00	18.02 -0.33 0.00	17.58 -0.31 0.00	15.94 -0.28 0.00	9.66 -0.18 0.00	12.50 -0.27 0.00	15.41 -0.36 0.00	16.06 -0.38 0.00	15.99 -0.37 0.00	18.23 -0.45 0.00	21.58 -0.54 0.00	25.33 -0.59 0.00	18.90 -0.43 0.00	18.93 -0.45 0.00	18.78 -0.44 0.00	17.96 -0.38 0.00
OUTOKUMPU-AB___DRP 24206	20.77 -0.71 0.00	18.93 -0.56 0.00	17.56 -0.36 0.00	19.15 -0.33 0.00	19.52 -0.37 0.00	18.45 -0.47 0.00	19.17 -0.61 0.00	21.49 -1.27 0.00	18.83 -1.13 0.00	17.42 -0.92 0.00	16.99 -0.89 0.00	15.38 -0.84 0.00	9.26 -0.58 0.00	11.89 -0.88 0.00	14.54 -1.23 0.00	15.18 -1.28 0.00	15.08 -1.29 0.00	16.96 -1.72 0.00	19.91 -2.22 0.00	23.61 -2.32 0.00	17.60 -1.73 0.00	17.65 -1.72 0.00	17.66 -1.56 0.00	17.18 -1.16 0.00
OXBOW___BTM 323836	20.44 -1.04 0.00	18.71 -0.78 0.00	17.37 -0.55 0.00	18.93 -0.55 0.00	19.27 -0.61 0.00	18.24 -0.68 0.00	18.94 -0.84 0.00	21.22 -1.55 0.00	18.59 -1.37 0.00	17.20 -1.14 0.00	16.77 -1.11 0.00	15.20 -1.03 0.00	9.16 -0.69 0.00	11.77 -1.01 0.00	14.38 -1.40 0.00	15.00 -1.46 0.00	14.90 -1.46 0.00	16.75 -1.93 0.00	19.65 -2.47 0.00	23.31 -2.62 0.00	17.38 -1.95 0.00	17.44 -1.94 0.00	17.45 -1.77 0.00	17.00 -1.34 0.00

OXBOW____ 24026	20.49 -0.99 0.00	18.71 -0.78 0.00	17.37 -0.55 0.00	18.93 -0.55 0.00	19.30 -0.58 0.00	18.24 -0.68 0.00	18.94 -0.84 0.00	21.22 -1.55 0.00	18.59 -1.37 0.00	17.20 -1.14 0.00	16.78 -1.11 0.00	15.20 -1.03 0.00	9.16 -0.69 0.00	11.77 -1.00 0.00	14.38 -1.40 0.00	15.00 -1.46 0.00	14.90 -1.46 0.00	16.75 -1.93 0.00	19.65 -2.62 0.00	23.31 -2.62 0.00	17.38 -1.95 0.00	17.44 -1.94 0.00	17.46 -1.76 0.00	16.99 -1.35 0.00
OXY_CHEM_DSASP 323612	20.20 -1.28 0.00	18.49 -1.00 0.00	17.17 -0.76 0.00	18.71 -0.76 0.00	19.06 -0.82 0.00	18.02 -0.90 0.00	18.70 -1.08 0.00	20.92 -1.85 0.00	18.34 -1.63 0.00	16.96 -1.38 0.00	16.53 -1.35 0.00	14.99 -1.24 0.00	9.04 -0.80 0.00	11.63 -1.15 0.00	14.20 -1.57 0.00	14.81 -1.65 0.00	14.71 -1.66 0.00	16.52 -2.16 0.00	19.36 -2.76 0.00	22.97 -2.96 0.00	17.14 -2.19 0.00	17.21 -2.17 0.00	17.23 -1.99 0.00	16.80 -1.54 0.00
OZONE_PARK_ESR 323760	22.32 0.84 0.00	20.20 0.71 0.00	18.52 0.59 0.00	20.07 0.60 0.00	20.51 0.63 0.00	19.55 0.63 0.00	20.58 0.80 0.00	23.92 1.16 0.00	21.03 1.08 0.00	19.37 1.03 0.00	18.97 1.08 0.00	17.22 1.00 0.00	10.46 0.61 0.00	13.55 0.78 0.00	16.68 0.91 0.00	17.40 0.94 0.00	17.33 0.97 0.00	19.78 1.10 0.00	23.47 1.34 0.00	27.60 1.67 0.00	20.60 1.27 0.00	20.64 1.26 0.00	20.42 1.20 0.00	19.41 1.07 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.20 -1.28 0.00	18.49 -1.00 0.00	17.17 -0.76 0.00	18.71 -0.76 0.00	19.06 -0.82 0.00	18.02 -0.90 0.00	18.70 -1.08 0.00	20.92 -1.85 0.00	18.34 -1.63 0.00	16.96 -1.38 0.00	16.53 -1.35 0.00	14.99 -1.24 0.00	9.04 -0.80 0.00	11.63 -1.15 0.00	14.20 -1.57 0.00	14.81 -1.65 0.00	14.71 -1.66 0.00	16.52 -2.16 0.00	19.36 -2.76 0.00	22.97 -2.96 0.00	17.14 -2.19 0.00	17.21 -2.17 0.00	17.23 -1.99 0.00	16.80 -1.54 0.00
PACKARD__115KV_DUPONT_184 80571	20.20 -1.28 0.00	18.49 -1.00 0.00	17.17 -0.76 0.00	18.71 -0.76 0.00	19.06 -0.82 0.00	18.02 -0.90 0.00	18.70 -1.08 0.00	20.92 -1.85 0.00	18.34 -1.63 0.00	16.96 -1.38 0.00	16.53 -1.35 0.00	14.99 -1.24 0.00	9.04 -0.80 0.00	11.63 -1.15 0.00	14.20 -1.57 0.00	14.81 -1.65 0.00	14.71 -1.66 0.00	16.52 -2.16 0.00	19.36 -2.76 0.00	22.97 -2.96 0.00	17.14 -2.19 0.00	17.21 -2.17 0.00	17.23 -1.99 0.00	16.80 -1.54 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.13 0.64 0.00	20.05 0.55 0.00	18.38 0.46 0.00	19.89 0.41 0.00	20.35 0.46 0.00	19.43 0.51 0.00	20.42 0.64 0.00	23.71 0.95 0.00	20.86 0.90 0.00	19.21 0.86 0.00	18.80 0.91 0.00	17.06 0.84 0.00	10.37 0.52 0.00	13.44 0.66 0.00	16.53 0.76 0.00	17.25 0.80 0.00	17.18 0.82 0.00	19.59 0.91 0.00	23.25 1.13 0.00	27.34 1.41 0.00	20.41 1.08 0.00	20.43 1.05 0.00	20.24 1.02 0.00	19.26 0.92 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.13 0.64 0.00	20.05 0.55 0.00	18.38 0.46 0.00	19.89 0.41 0.00	20.35 0.46 0.00	19.43 0.51 0.00	20.44 0.66 0.00	23.72 0.95 0.00	20.87 0.91 0.00	19.21 0.86 0.00	18.80 0.91 0.00	17.06 0.84 0.00	10.37 0.52 0.00	13.44 0.66 0.00	16.53 0.76 0.00	17.25 0.80 0.00	17.18 0.82 0.00	19.59 0.91 0.00	23.25 1.13 0.00	27.34 1.41 0.00	20.41 1.08 0.00	20.43 1.05 0.00	20.24 1.02 0.00	19.26 0.92 0.00
PATROON__115KV_TB1 80586	21.87 0.39 0.00	19.87 0.38 0.00	18.25 0.33 0.00	19.83 0.35 0.00	20.26 0.38 0.00	19.31 0.38 0.00	20.21 0.42 0.00	23.32 0.56 0.00	20.46 0.50 0.00	18.74 0.40 0.00	18.33 0.44 0.00	16.67 0.44 0.00	10.12 0.27 0.00	13.16 0.39 0.00	16.23 0.46 0.00	16.93 0.48 0.00	16.83 0.46 0.00	19.26 0.58 0.00	22.83 0.70 0.00	26.71 0.79 0.00	19.97 0.63 0.00	19.99 0.62 0.00	19.83 0.61 0.00	18.89 0.55 0.00
PATTRSNVILLE__SOLAR 323815	21.98 0.50 0.00	19.96 0.47 0.00	18.34 0.42 0.00	19.92 0.45 0.00	20.36 0.47 0.00	19.39 0.47 0.00	20.30 0.52 0.00	23.40 0.64 0.00	20.49 0.54 0.00	18.80 0.46 0.00	18.30 0.41 0.00	16.58 0.36 0.00	10.06 0.21 0.00	13.06 0.29 0.00	16.12 0.35 0.00	16.78 0.33 0.00	16.72 0.35 0.00	19.16 0.48 0.00	22.79 0.67 0.00	26.75 0.82 0.00	19.96 0.62 0.00	19.98 0.61 0.00	19.80 0.58 0.00	18.87 0.52 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.49 0.01 0.00	19.50 0.01 0.00	18.06 0.14 0.00	19.72 0.24 0.00	20.09 0.21 0.00	19.00 0.08 0.00	19.78 0.00 0.00	22.29 -0.47 0.00	19.52 -0.44 0.00	18.04 -0.30 0.00	17.58 -0.31 0.00	15.89 -0.33 0.00	9.57 -0.28 0.00	12.31 -0.46 0.00	15.09 -0.68 0.00	15.76 -0.69 0.00	15.65 -0.72 0.00	17.61 -1.07 0.00	20.71 -1.41 0.00	24.48 -1.44 0.00	18.27 -1.06 0.00	18.31 -1.07 0.00	18.34 -0.88 0.00	17.75 -0.59 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.13 0.65 0.00	20.06 0.57 0.00	18.40 0.48 0.00	19.97 0.50 0.00	20.42 0.53 0.00	19.47 0.55 0.00	20.48 0.70 0.00	23.76 0.99 0.00	20.87 0.91 0.00	19.16 0.82 0.00	18.76 0.87 0.00	17.03 0.81 0.00	10.34 0.50 0.00	13.41 0.64 0.00	16.50 0.73 0.00	17.21 0.76 0.00	17.15 0.79 0.00	19.61 0.93 0.00	23.28 1.15 0.00	27.33 1.40 0.00	20.40 1.07 0.00	20.43 1.05 0.00	20.22 1.00 0.00	19.25 0.91 0.00
PEEKSKILL____ 23653	22.00 0.52 0.00	19.91 0.42 0.00	18.25 0.33 0.00	19.82 0.34 0.00	20.25 0.37 0.00	19.31 0.39 0.00	20.31 0.53 0.00	23.58 0.82 0.00	20.71 0.75 0.00	19.03 0.69 0.00	18.64 0.76 0.00	16.91 0.69 0.00	10.27 0.43 0.00	13.32 0.55 0.00	16.40 0.63 0.00	17.11 0.66 0.00	17.04 0.68 0.00	19.46 0.78 0.00	23.09 0.97 0.00	27.11 1.19 0.00	20.22 0.90 0.00	20.28 0.90 0.00	20.07 0.85 0.00	19.10 0.76 0.00
PGE MADISON__WINDPWR 24146	22.99 1.51 0.00	20.76 1.27 0.00	18.97 1.05 0.00	20.56 1.08 0.00	21.10 1.22 0.00	20.26 1.34 0.00	21.28 1.50 0.00	24.52 1.75 0.00	21.54 1.58 0.00	19.67 1.33 0.00	19.19 1.30 0.00	17.36 1.14 0.00	10.35 0.50 0.00	13.25 0.48 0.00	16.22 0.45 0.00	16.86 0.41 0.00	16.95 0.59 0.00	19.50 0.82 0.00	23.53 1.41 0.00	27.80 1.87 0.00	20.56 1.23 0.00	20.49 1.11 0.00	20.32 1.09 0.00	19.16 0.82 0.00
PIERCEFIELD__HYD 23852	20.98 -0.50 0.00	19.06 -0.43 0.00	17.54 -0.39 0.00	19.06 -0.41 0.00	19.46 -0.42 0.00	18.52 -0.39 0.00	19.42 -0.37 0.00	22.35 -0.42 0.00	19.55 -0.41 0.00	17.93 -0.42 0.00	17.33 -0.56 0.00	15.71 -0.51 0.00	9.57 -0.28 0.00	12.43 -0.34 0.00	15.44 -0.33 0.00	16.10 -0.35 0.00	16.07 -0.30 0.00	18.38 -0.30 0.00	21.75 -0.37 0.00	25.45 -0.48 0.00	18.87 -0.46 0.00	18.92 -0.45 0.00	18.77 -0.45 0.00	17.84 -0.50 0.00
PINELAWN_CC_1 323563	22.18 0.70 0.00	20.10 0.61 0.00	18.48 0.56 0.00	20.01 0.54 0.00	20.43 0.55 0.00	19.47 0.55 0.00	20.53 0.75 0.00	23.95 1.19 0.00	20.95 0.99 0.00	19.27 0.92 0.00	18.89 1.00 0.00	17.15 0.93 0.00	10.39 0.54 0.00	13.50 0.73 0.00	16.62 0.84 0.00	17.30 0.85 0.00	17.32 0.96 0.00	19.72 1.04 0.00	23.37 1.24 0.00	27.51 1.59 0.00	20.53 1.20 0.00	20.60 1.22 0.00	20.39 1.17 0.00	19.46 1.12 0.00

PJM_GEN_HTP_PROXY 323702	22.13 0.65 0.00	20.02 0.53 0.00	18.35 0.43 0.00	19.90 0.42 0.00	20.33 0.45 0.00	19.40 0.48 0.00	20.41 0.63 0.00	23.71 0.95 0.00	20.84 0.88 0.00	19.20 0.85 0.00	18.80 0.92 0.00	17.07 0.85 0.00	10.37 0.52 0.00	13.44 0.67 0.00	16.54 0.77 0.00	17.26 0.80 0.00	17.19 0.82 0.00	19.60 0.92 0.00	23.25 1.13 0.00	27.33 1.41 0.00	20.40 1.07 0.00	20.44 1.06 0.00	20.23 1.01 0.00	19.23 0.88 0.00
PJM_GEN_KEystone 24065	21.50 0.02 0.00	19.46 -0.04 0.00	17.47 -0.03 0.42	20.81 0.01 -1.33	19.88 0.00 0.00	18.89 -0.03 0.00	16.46 0.00 3.33	23.26 -0.03 -0.53	19.94 -0.03 0.00	18.36 0.02 0.00	17.95 0.07 0.00	16.24 0.02 0.00	9.84 -0.01 0.00	12.74 -0.03 0.00	15.68 -0.09 0.00	16.36 -0.09 0.00	16.29 -0.08 0.00	18.47 -0.22 0.00	21.84 -0.28 0.00	25.68 -0.25 0.00	19.14 -0.19 0.00	19.21 -0.17 0.00	19.12 -0.10 0.00	18.31 -0.04 0.00
PJM_GEN_NEPTUNE_PROXY 323594	22.02 0.54 0.00	19.95 0.46 0.00	18.32 0.39 0.00	19.86 0.38 0.00	20.28 0.39 0.00	19.33 0.41 0.00	20.36 0.59 0.00	23.72 0.96 0.00	20.77 0.81 0.00	19.12 0.77 0.00	18.75 0.87 0.00	17.04 0.81 0.00	10.33 0.48 0.00	13.42 0.65 0.00	16.53 0.76 0.00	17.23 0.78 0.00	17.22 0.85 0.00	19.60 0.92 0.00	23.19 1.07 0.00	27.26 1.34 0.00	20.35 1.02 0.00	20.41 1.03 0.00	20.21 0.99 0.00	19.27 0.93 0.00
PJM_GEN_VFT_PROXY 323633	22.02 0.53 0.00	19.92 0.43 0.00	18.26 0.33 0.00	19.79 0.31 0.00	20.23 0.35 0.00	19.30 0.38 0.00	20.30 0.52 0.00	23.60 0.84 0.00	20.75 0.79 0.00	19.10 0.76 0.00	18.71 0.82 0.00	16.98 0.75 0.00	10.31 0.47 0.00	13.37 0.59 0.00	16.45 0.68 0.00	17.16 0.70 0.00	17.09 0.73 0.00	19.50 0.82 0.00	23.13 1.01 0.00	27.20 1.27 0.00	20.30 0.97 0.00	20.33 0.96 0.00	20.11 0.88 0.00	19.13 0.78 0.00
PLATSBURG_115KV_PMLD1 355749	22.02 0.54 0.00	20.03 0.54 0.00	18.36 0.44 0.00	19.92 0.44 0.00	20.40 0.51 0.00	19.37 0.45 0.00	20.25 0.47 0.00	23.38 0.62 0.00	20.48 0.52 0.00	18.75 0.40 0.00	18.09 0.20 0.00	16.33 0.11 0.00	9.92 0.08 0.00	12.98 0.21 0.00	16.07 0.30 0.00	16.77 0.32 0.00	16.71 0.35 0.00	19.20 0.52 0.00	22.77 0.65 0.00	26.51 0.58 0.00	19.52 0.19 0.00	19.68 0.30 0.00	19.55 0.32 0.00	18.55 0.21 0.00
PLEASANTVLY__LBMP 24000	21.83 0.35 0.00	19.80 0.31 0.00	18.17 0.25 0.00	19.72 0.24 0.00	20.16 0.28 0.00	19.22 0.30 0.00	20.19 0.41 0.00	23.38 0.62 0.00	20.53 0.57 0.00	18.86 0.52 0.00	18.48 0.59 0.00	16.79 0.57 0.00	10.20 0.35 0.00	13.24 0.46 0.00	16.30 0.53 0.00	17.00 0.55 0.00	16.92 0.55 0.00	19.34 0.66 0.00	22.93 0.81 0.00	26.89 0.97 0.00	20.07 0.74 0.00	20.11 0.74 0.00	19.93 0.70 0.00	18.97 0.63 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.02 0.54 0.00	19.95 0.46 0.00	18.29 0.37 0.00	19.85 0.37 0.00	20.29 0.41 0.00	19.34 0.42 0.00	20.34 0.56 0.00	23.59 0.83 0.00	20.73 0.77 0.00	19.06 0.71 0.00	18.66 0.77 0.00	16.94 0.71 0.00	10.29 0.44 0.00	13.34 0.57 0.00	16.43 0.66 0.00	17.14 0.69 0.00	17.07 0.70 0.00	19.49 0.81 0.00	23.12 1.00 0.00	27.15 1.23 0.00	20.27 0.94 0.00	20.31 0.93 0.00	20.11 0.88 0.00	19.14 0.80 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.02 0.54 0.00	19.95 0.46 0.00	18.29 0.37 0.00	19.85 0.37 0.00	20.29 0.41 0.00	19.34 0.42 0.00	20.34 0.56 0.00	23.59 0.83 0.00	20.73 0.77 0.00	19.06 0.71 0.00	18.66 0.77 0.00	16.94 0.71 0.00	10.29 0.44 0.00	13.34 0.57 0.00	16.43 0.66 0.00	17.14 0.69 0.00	17.07 0.70 0.00	19.49 0.81 0.00	23.12 1.00 0.00	27.15 1.23 0.00	20.27 0.94 0.00	20.31 0.93 0.00	20.11 0.88 0.00	19.14 0.80 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.02 0.54 0.00	19.97 0.48 0.00	18.33 0.40 0.00	19.89 0.41 0.00	20.33 0.45 0.00	19.39 0.47 0.00	20.37 0.59 0.00	23.60 0.84 0.00	20.72 0.76 0.00	19.01 0.66 0.00	18.61 0.72 0.00	16.90 0.68 0.00	10.26 0.42 0.00	13.31 0.54 0.00	16.37 0.60 0.00	17.08 0.64 0.00	17.01 0.65 0.00	19.48 0.80 0.00	23.14 1.02 0.00	27.16 1.24 0.00	20.27 0.94 0.00	20.30 0.92 0.00	20.10 0.88 0.00	19.14 0.79 0.00
POLETTI____ 23519	22.14 0.66 0.00	20.04 0.55 0.00	18.38 0.45 0.00	19.92 0.44 0.00	20.35 0.47 0.00	19.42 0.50 0.00	20.43 0.65 0.00	23.74 0.98 0.00	20.87 0.91 0.00	19.22 0.88 0.00	18.82 0.94 0.00	17.09 0.86 0.00	10.38 0.53 0.00	13.45 0.68 0.00	16.55 0.78 0.00	17.27 0.82 0.00	17.20 0.84 0.00	19.62 0.94 0.00	23.27 1.15 0.00	27.36 1.43 0.00	20.42 1.09 0.00	20.46 1.08 0.00	20.24 1.02 0.00	19.25 0.91 0.00
POMONA____ESR 323819	22.04 0.56 0.00	19.94 0.45 0.00	18.27 0.34 0.00	19.84 0.36 0.00	20.29 0.40 0.00	19.33 0.41 0.00	20.33 0.55 0.00	23.61 0.85 0.00	20.74 0.78 0.00	19.05 0.71 0.00	18.66 0.77 0.00	16.92 0.70 0.00	10.27 0.43 0.00	13.32 0.54 0.00	16.40 0.63 0.00	17.11 0.66 0.00	17.04 0.68 0.00	19.47 0.79 0.00	23.11 0.99 0.00	27.13 1.20 0.00	20.23 0.90 0.00	20.29 0.91 0.00	20.09 0.87 0.00	19.13 0.79 0.00
PORT_JEFF_3 23555	22.15 0.67 0.00	20.08 0.59 0.00	18.51 0.59 0.00	20.04 0.57 0.00	20.46 0.57 0.00	19.49 0.57 0.00	20.57 0.80 0.00	24.10 1.33 0.00	21.01 1.05 0.00	19.37 1.02 0.00	18.98 1.09 0.00	17.25 1.03 0.00	10.43 0.59 0.00	13.56 0.79 0.00	16.71 0.94 0.00	17.37 0.92 0.00	17.41 1.05 0.00	19.73 1.05 0.00	23.36 1.24 0.00	27.57 1.64 0.00	20.57 1.23 0.00	20.66 1.28 0.00	20.44 1.22 0.00	19.52 1.18 0.00
PORT_JEFF_4 23616	22.15 0.67 0.00	20.08 0.59 0.00	18.51 0.59 0.00	20.04 0.57 0.00	20.46 0.57 0.00	19.49 0.57 0.00	20.57 0.80 0.00	24.10 1.33 0.00	21.01 1.05 0.00	19.37 1.02 0.00	18.98 1.09 0.00	17.25 1.03 0.00	10.43 0.59 0.00	13.56 0.79 0.00	16.71 0.94 0.00	17.37 0.92 0.00	17.41 1.05 0.00	19.73 1.05 0.00	23.36 1.24 0.00	27.57 1.64 0.00	20.57 1.23 0.00	20.66 1.28 0.00	20.44 1.22 0.00	19.52 1.18 0.00
PORT_JEFF_IC 23713	22.14 0.66 0.00	20.08 0.59 0.00	18.51 0.59 0.00	20.04 0.57 0.00	20.45 0.56 0.00	19.49 0.57 0.00	20.57 0.79 0.00	24.11 1.34 0.00	21.02 1.06 0.00	19.38 1.04 0.00	18.99 1.10 0.00	17.25 1.03 0.00	10.44 0.59 0.00	13.56 0.79 0.00	16.72 0.95 0.00	17.38 0.93 0.00	17.42 1.06 0.00	19.74 1.06 0.00	23.38 1.26 0.00	27.58 1.65 0.00	20.58 1.25 0.00	20.67 1.29 0.00	20.45 1.22 0.00	19.53 1.19 0.00
PPL PILGRIM_ST_GT1 24216	22.28 0.79 0.00	20.20 0.70 0.00	18.57 0.65 0.00	20.12 0.64 0.00	20.55 0.66 0.00	19.57 0.65 0.00	20.64 0.86 0.00	24.11 1.35 0.00	21.06 1.10 0.00	19.39 1.04 0.00	19.01 1.12 0.00	17.28 1.06 0.00	10.46 0.61 0.00	13.59 0.82 0.00	16.73 0.96 0.00	17.41 0.96 0.00	17.44 1.07 0.00	19.82 1.14 0.00	23.45 1.33 0.00	27.63 1.70 0.00	20.62 1.29 0.00	20.70 1.32 0.00	20.49 1.27 0.00	19.57 1.23 0.00

PPL PILGRIM_ST_GT2 24217	22.28 0.79 0.00	20.20 0.70 0.00	18.57 0.65 0.00	20.12 0.64 0.00	20.55 0.66 0.00	19.57 0.65 0.00	20.64 0.86 0.00	24.11 1.35 0.00	21.06 1.10 0.00	19.39 1.04 0.00	19.01 1.12 0.00	17.28 1.06 0.00	10.46 0.61 0.00	13.59 0.82 0.00	16.73 0.96 0.00	17.41 0.96 0.00	17.44 1.07 0.00	19.82 1.14 0.00	23.45 1.33 0.00	27.63 1.70 0.00	20.62 1.29 0.00	20.70 1.32 0.00	20.49 1.27 0.00	19.57 1.23 0.00
PPL_SHRM_GT3 24213	21.95 0.47 0.00	19.91 0.42 0.00	18.41 0.49 0.00	19.93 0.46 0.00	20.34 0.45 0.00	19.38 0.46 0.00	20.48 0.70 0.00	24.14 1.37 0.00	20.96 1.00 0.00	19.40 1.06 0.00	18.98 1.09 0.00	17.23 1.01 0.00	10.41 0.56 0.00	13.54 0.77 0.00	16.69 0.92 0.00	17.34 0.89 0.00	17.41 1.05 0.00	19.58 0.90 0.00	23.20 1.07 0.00	27.44 1.52 0.00	20.47 1.15 0.00	20.58 1.21 0.00	20.35 1.13 0.00	19.45 1.11 0.00
PPL_SHRM_GT4 24214	21.95 0.47 0.00	19.91 0.42 0.00	18.41 0.49 0.00	19.93 0.46 0.00	20.34 0.45 0.00	19.38 0.46 0.00	20.48 0.70 0.00	24.14 1.37 0.00	20.96 1.00 0.00	19.40 1.06 0.00	18.98 1.09 0.00	17.23 1.01 0.00	10.41 0.56 0.00	13.54 0.77 0.00	16.69 0.92 0.00	17.34 0.89 0.00	17.41 1.05 0.00	19.58 0.90 0.00	23.20 1.07 0.00	27.44 1.52 0.00	20.47 1.15 0.00	20.58 1.21 0.00	20.35 1.13 0.00	19.45 1.11 0.00
PROJECT___ORANGE 1 24174	21.38 -0.10 0.00	19.40 -0.09 0.00	17.86 -0.06 0.00	19.43 -0.05 0.00	19.82 -0.07 0.00	18.84 -0.08 0.00	19.65 -0.13 0.00	22.55 -0.22 0.00	19.78 -0.18 0.00	18.20 -0.14 0.00	17.76 -0.13 0.00	16.10 -0.13 0.00	9.75 -0.10 0.00	12.61 -0.16 0.00	15.54 -0.23 0.00	16.20 -0.24 0.00	16.14 -0.22 0.00	18.41 -0.27 0.00	21.80 -0.32 0.00	25.61 -0.32 0.00	19.11 -0.22 0.00	19.11 -0.27 0.00	18.97 -0.25 0.00	18.14 -0.20 0.00
PROJECT___ORANGE 2 24166	21.38 -0.10 0.00	19.40 -0.09 0.00	17.86 -0.06 0.00	19.43 -0.05 0.00	19.82 -0.07 0.00	18.84 -0.08 0.00	19.65 -0.13 0.00	22.55 -0.22 0.00	19.78 -0.18 0.00	18.20 -0.14 0.00	17.76 -0.13 0.00	16.10 -0.13 0.00	9.75 -0.10 0.00	12.61 -0.16 0.00	15.54 -0.23 0.00	16.20 -0.24 0.00	16.14 -0.22 0.00	18.41 -0.27 0.00	21.80 -0.32 0.00	25.61 -0.32 0.00	19.11 -0.22 0.00	19.11 -0.27 0.00	18.97 -0.25 0.00	18.14 -0.20 0.00
PUCKETT___SOLAR 323809	21.85 0.37 0.00	19.74 0.25 0.00	18.20 0.28 0.00	19.77 0.29 0.00	20.20 0.32 0.00	19.25 0.33 0.00	20.17 0.39 0.00	23.18 0.41 0.00	20.30 0.34 0.00	18.66 0.31 0.00	18.19 0.31 0.00	16.42 0.20 0.00	9.87 0.02 0.00	12.73 -0.04 0.00	15.65 -0.12 0.00	16.32 -0.13 0.00	16.29 -0.07 0.00	18.60 -0.08 0.00	22.24 0.11 0.00	26.19 0.26 0.00	19.45 0.12 0.00	19.46 0.09 0.00	19.33 0.10 0.00	18.41 0.07 0.00
PYRITES___HYD 24023	21.57 0.08 0.00	19.56 0.06 0.00	17.98 0.06 0.00	19.55 0.07 0.00	19.95 0.07 0.00	18.99 0.08 0.00	19.92 0.14 0.00	22.92 0.16 0.00	20.03 0.08 0.00	18.31 -0.04 0.00	17.66 -0.23 0.00	16.05 -0.18 0.00	9.77 -0.08 0.00	12.69 -0.09 0.00	15.81 0.04 0.00	16.51 0.06 0.00	16.49 0.13 0.00	18.86 0.18 0.00	22.30 0.18 0.00	26.10 0.17 0.00	19.34 0.01 0.00	19.42 0.04 0.00	19.26 0.03 0.00	18.30 -0.04 0.00
QUAKERRD_115KV_BK1 80622	20.63 -0.85 0.00	18.74 -0.75 0.00	17.30 -0.62 0.00	18.83 -0.65 0.00	19.20 -0.68 0.00	18.22 -0.70 0.00	18.99 -0.79 0.00	21.63 -1.13 0.00	18.98 -0.98 0.00	17.50 -0.85 0.00	17.04 -0.85 0.00	15.43 -0.80 0.00	9.31 -0.53 0.00	12.01 -0.76 0.00	14.77 -1.00 0.00	15.43 -1.02 0.00	15.38 -0.99 0.00	17.46 -1.22 0.00	20.60 -1.52 0.00	24.29 -1.64 0.00	18.10 -1.23 0.00	18.14 -1.24 0.00	18.04 -1.19 0.00	17.35 -1.00 0.00
QUENSBRY_115KV_TB8 356137	22.02 0.54 0.00	20.03 0.54 0.00	18.42 0.49 0.00	20.01 0.54 0.00	20.46 0.58 0.00	19.53 0.61 0.00	20.47 0.69 0.00	23.63 0.87 0.00	20.70 0.74 0.00	18.91 0.57 0.00	18.40 0.51 0.00	16.65 0.43 0.00	10.13 0.28 0.00	13.23 0.46 0.00	16.28 0.51 0.00	17.00 0.55 0.00	16.91 0.55 0.00	19.49 0.81 0.00	23.18 1.06 0.00	27.08 1.15 0.00	20.21 0.88 0.00	20.25 0.87 0.00	20.08 0.85 0.00	19.09 0.74 0.00
RAMAPO___LBMP 323565	21.95 0.47 0.00	19.87 0.38 0.00	18.21 0.29 0.00	19.78 0.30 0.00	20.22 0.34 0.00	19.26 0.34 0.00	20.26 0.48 0.00	23.53 0.77 0.00	20.66 0.70 0.00	18.99 0.64 0.00	18.58 0.70 0.00	16.86 0.63 0.00	10.23 0.39 0.00	13.27 0.50 0.00	16.33 0.56 0.00	17.04 0.59 0.00	16.98 0.61 0.00	19.39 0.72 0.00	23.02 0.90 0.00	27.02 1.09 0.00	20.16 0.82 0.00	20.21 0.83 0.00	20.02 0.79 0.00	19.06 0.72 0.00
RANKINE____ 23646	21.06 -0.43 0.00	19.11 -0.38 0.00	17.72 -0.20 0.00	19.35 -0.13 0.00	19.71 -0.17 0.00	18.65 -0.27 0.00	19.40 -0.38 0.00	21.81 -0.95 0.00	19.09 -0.87 0.00	17.64 -0.70 0.00	17.21 -0.68 0.00	15.57 -0.66 0.00	9.36 -0.48 0.00	12.04 -0.74 0.00	14.74 -1.03 0.00	15.38 -1.07 0.00	15.26 -1.10 0.00	17.16 -1.52 0.00	20.18 -1.94 0.00	23.91 -2.01 0.00	17.82 -1.52 0.00	17.84 -1.53 0.00	17.87 -1.35 0.00	17.34 -1.00 0.00
RAVENSWOOD_GT2_1 24244	22.13 0.65 0.00	20.04 0.55 0.00	18.37 0.45 0.00	19.92 0.44 0.00	20.35 0.47 0.00	19.41 0.50 0.00	20.42 0.64 0.00	23.73 0.96 0.00	20.85 0.90 0.00	19.20 0.86 0.00	18.80 0.92 0.00	17.07 0.85 0.00	10.37 0.52 0.00	13.44 0.67 0.00	16.54 0.77 0.00	17.26 0.80 0.00	17.19 0.83 0.00	19.62 0.94 0.00	23.26 1.14 0.00	27.34 1.41 0.00	20.41 1.08 0.00	20.44 1.07 0.00	20.24 1.02 0.00	19.25 0.91 0.00
RAVENSWOOD_GT2_2 24245	22.13 0.65 0.00	20.04 0.55 0.00	18.37 0.45 0.00	19.92 0.44 0.00	20.35 0.47 0.00	19.41 0.50 0.00	20.42 0.64 0.00	23.73 0.96 0.00	20.85 0.90 0.00	19.20 0.86 0.00	18.80 0.92 0.00	17.07 0.85 0.00	10.37 0.52 0.00	13.44 0.67 0.00	16.54 0.77 0.00	17.26 0.80 0.00	17.19 0.83 0.00	19.62 0.94 0.00	23.26 1.14 0.00	27.34 1.41 0.00	20.41 1.08 0.00	20.44 1.07 0.00	20.24 1.02 0.00	19.25 0.91 0.00
RAVENSWOOD_GT2_3 24246	22.14 0.66 0.00	20.04 0.55 0.00	18.38 0.45 0.00	19.92 0.44 0.00	20.36 0.48 0.00	19.42 0.50 0.00	20.43 0.65 0.00	23.74 0.98 0.00	20.87 0.91 0.00	19.21 0.87 0.00	18.81 0.93 0.00	17.08 0.86 0.00	10.37 0.53 0.00	13.45 0.67 0.00	16.55 0.78 0.00	17.26 0.81 0.00	17.20 0.83 0.00	19.62 0.94 0.00	23.27 1.15 0.00	27.36 1.43 0.00	20.42 1.09 0.00	20.45 1.07 0.00	20.25 1.03 0.00	19.25 0.91 0.00
RAVENSWOOD_GT2_4 24247	22.14 0.66 0.00	20.04 0.55 0.00	18.38 0.45 0.00	19.92 0.44 0.00	20.36 0.48 0.00	19.42 0.50 0.00	20.43 0.65 0.00	23.74 0.98 0.00	20.87 0.91 0.00	19.21 0.87 0.00	18.81 0.93 0.00	17.08 0.86 0.00	10.37 0.53 0.00	13.45 0.67 0.00	16.55 0.78 0.00	17.26 0.81 0.00	17.20 0.83 0.00	19.62 0.94 0.00	23.27 1.15 0.00	27.36 1.43 0.00	20.42 1.09 0.00	20.45 1.07 0.00	20.25 1.03 0.00	19.25 0.91 0.00

RAVENSWOOD_GT3_1 24248	22.13 0.65 0.00	20.04 0.55 0.00	18.37 0.45 0.00	19.92 0.44 0.00	20.35 0.47 0.00	19.41 0.50 0.00	20.42 0.64 0.00	23.73 0.96 0.00	20.86 0.90 0.00	19.20 0.86 0.00	18.80 0.92 0.00	17.07 0.85 0.00	10.37 0.52 0.00	13.44 0.67 0.00	16.54 0.77 0.00	17.26 0.80 0.00	17.19 0.83 0.00	19.62 0.94 0.00	23.26 1.14 0.00	27.34 1.41 0.00	20.41 1.08 0.00	20.44 1.07 0.00	20.24 1.02 0.00	19.25 0.91 0.00
RAVENSWOOD_GT3_2 24249	22.13 0.65 0.00	20.04 0.55 0.00	18.37 0.45 0.00	19.92 0.44 0.00	20.35 0.47 0.00	19.41 0.50 0.00	20.42 0.64 0.00	23.73 0.96 0.00	20.86 0.90 0.00	19.20 0.86 0.00	18.80 0.92 0.00	17.07 0.85 0.00	10.37 0.52 0.00	13.44 0.67 0.00	16.54 0.77 0.00	17.26 0.80 0.00	17.19 0.83 0.00	19.62 0.94 0.00	23.26 1.14 0.00	27.34 1.41 0.00	20.41 1.08 0.00	20.44 1.07 0.00	20.24 1.02 0.00	19.25 0.91 0.00
RAVENSWOOD_GT3_3 24250	22.16 0.68 0.00	20.06 0.57 0.00	18.39 0.47 0.00	19.94 0.46 0.00	20.38 0.50 0.00	19.43 0.52 0.00	20.45 0.67 0.00	23.76 0.99 0.00	20.89 0.93 0.00	19.23 0.89 0.00	18.84 0.95 0.00	17.09 0.87 0.00	10.38 0.54 0.00	13.46 0.69 0.00	16.57 0.80 0.00	17.28 0.83 0.00	17.22 0.85 0.00	19.64 0.96 0.00	23.29 1.17 0.00	27.38 1.45 0.00	20.43 1.10 0.00	20.47 1.09 0.00	20.27 1.04 0.00	19.27 0.93 0.00
RAVENSWOOD_GT3_4 24251	22.16 0.68 0.00	20.06 0.57 0.00	18.39 0.47 0.00	19.94 0.46 0.00	20.38 0.50 0.00	19.43 0.52 0.00	20.45 0.67 0.00	23.76 0.99 0.00	20.89 0.93 0.00	19.23 0.89 0.00	18.84 0.95 0.00	17.09 0.87 0.00	10.38 0.54 0.00	13.46 0.69 0.00	16.57 0.80 0.00	17.28 0.83 0.00	17.22 0.85 0.00	19.64 0.96 0.00	23.29 1.17 0.00	27.38 1.45 0.00	20.43 1.10 0.00	20.47 1.09 0.00	20.27 1.04 0.00	19.27 0.93 0.00
RAVENSWOOD_GT_1 23729	22.20 0.72 0.00	20.10 0.61 0.00	18.44 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.81 1.05 0.00	20.94 0.98 0.00	19.28 0.94 0.00	18.87 0.99 0.00	17.14 0.91 0.00	10.41 0.57 0.00	13.49 0.72 0.00	16.60 0.83 0.00	17.32 0.87 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.34 1.22 0.00	27.45 1.52 0.00	20.48 1.15 0.00	20.52 1.14 0.00	20.32 1.10 0.00	19.33 0.99 0.00
RAVENSWOOD_GT_10 24258	22.13 0.65 0.00	20.04 0.55 0.00	18.37 0.45 0.00	19.92 0.44 0.00	20.35 0.47 0.00	19.41 0.50 0.00	20.42 0.64 0.00	23.72 0.96 0.00	20.85 0.89 0.00	19.20 0.86 0.00	18.80 0.92 0.00	17.07 0.85 0.00	10.37 0.52 0.00	13.44 0.67 0.00	16.54 0.77 0.00	17.26 0.80 0.00	17.19 0.83 0.00	19.61 0.93 0.00	23.26 1.14 0.00	27.34 1.41 0.00	20.41 1.08 0.00	20.44 1.07 0.00	20.24 1.02 0.00	19.25 0.91 0.00
RAVENSWOOD_GT_11 24259	22.13 0.65 0.00	20.04 0.55 0.00	18.37 0.45 0.00	19.92 0.44 0.00	20.35 0.47 0.00	19.41 0.50 0.00	20.42 0.64 0.00	23.72 0.96 0.00	20.85 0.89 0.00	19.20 0.86 0.00	18.80 0.92 0.00	17.07 0.85 0.00	10.37 0.52 0.00	13.44 0.67 0.00	16.54 0.77 0.00	17.26 0.80 0.00	17.19 0.83 0.00	19.61 0.93 0.00	23.26 1.14 0.00	27.34 1.41 0.00	20.41 1.08 0.00	20.44 1.07 0.00	20.24 1.02 0.00	19.25 0.91 0.00
RAVENSWOOD_GT_4 24252	22.13 0.65 0.00	20.03 0.54 0.00	18.37 0.45 0.00	19.91 0.44 0.00	20.35 0.47 0.00	19.41 0.49 0.00	20.42 0.64 0.00	23.72 0.96 0.00	20.85 0.89 0.00	19.19 0.85 0.00	18.80 0.92 0.00	17.07 0.85 0.00	10.37 0.52 0.00	13.44 0.66 0.00	16.54 0.77 0.00	17.25 0.80 0.00	17.19 0.82 0.00	19.61 0.93 0.00	23.26 1.14 0.00	27.33 1.41 0.00	20.40 1.07 0.00	20.44 1.07 0.00	20.23 1.01 0.00	19.24 0.90 0.00
RAVENSWOOD_GT_5 24254	22.13 0.65 0.00	20.03 0.54 0.00	18.37 0.45 0.00	19.91 0.44 0.00	20.35 0.47 0.00	19.41 0.49 0.00	20.42 0.64 0.00	23.72 0.96 0.00	20.85 0.89 0.00	19.19 0.85 0.00	18.80 0.92 0.00	17.07 0.85 0.00	10.37 0.52 0.00	13.44 0.66 0.00	16.54 0.77 0.00	17.25 0.80 0.00	17.19 0.82 0.00	19.61 0.93 0.00	23.26 1.14 0.00	27.33 1.41 0.00	20.40 1.07 0.00	20.44 1.07 0.00	20.23 1.01 0.00	19.24 0.90 0.00
RAVENSWOOD_GT_6 24253	22.13 0.65 0.00	20.03 0.54 0.00	18.37 0.45 0.00	19.91 0.44 0.00	20.35 0.47 0.00	19.41 0.49 0.00	20.42 0.64 0.00	23.72 0.96 0.00	20.85 0.89 0.00	19.19 0.85 0.00	18.80 0.92 0.00	17.07 0.85 0.00	10.37 0.52 0.00	13.44 0.66 0.00	16.54 0.77 0.00	17.25 0.80 0.00	17.19 0.82 0.00	19.61 0.93 0.00	23.26 1.14 0.00	27.33 1.41 0.00	20.40 1.07 0.00	20.44 1.07 0.00	20.23 1.01 0.00	19.24 0.90 0.00
RAVENSWOOD_GT_7 24255	22.13 0.65 0.00	20.03 0.54 0.00	18.37 0.45 0.00	19.91 0.44 0.00	20.35 0.47 0.00	19.41 0.49 0.00	20.42 0.64 0.00	23.72 0.96 0.00	20.85 0.89 0.00	19.19 0.85 0.00	18.80 0.92 0.00	17.07 0.85 0.00	10.37 0.52 0.00	13.44 0.66 0.00	16.54 0.77 0.00	17.25 0.80 0.00	17.19 0.82 0.00	19.61 0.93 0.00	23.26 1.14 0.00	27.33 1.41 0.00	20.40 1.07 0.00	20.44 1.07 0.00	20.23 1.01 0.00	19.24 0.90 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.13 0.65 0.00	20.04 0.55 0.00	18.37 0.45 0.00	19.92 0.44 0.00	20.35 0.47 0.00	19.41 0.50 0.00	20.42 0.64 0.00	23.72 0.96 0.00	20.85 0.89 0.00	19.20 0.86 0.00	18.80 0.92 0.00	17.07 0.85 0.00	10.37 0.52 0.00	13.44 0.67 0.00	16.54 0.77 0.00	17.26 0.80 0.00	17.19 0.83 0.00	19.61 0.93 0.00	23.26 1.14 0.00	27.34 1.41 0.00	20.41 1.08 0.00	20.44 1.07 0.00	20.24 1.02 0.00	19.25 0.91 0.00
RAVENSWOOD_GT_9 24257	22.13 0.65 0.00	20.04 0.55 0.00	18.37 0.45 0.00	19.92 0.44 0.00	20.35 0.47 0.00	19.41 0.50 0.00	20.42 0.64 0.00	23.72 0.96 0.00	20.85 0.89 0.00	19.20 0.86 0.00	18.80 0.92 0.00	17.07 0.85 0.00	10.37 0.52 0.00	13.44 0.67 0.00	16.54 0.77 0.00	17.26 0.80 0.00	17.19 0.83 0.00	19.61 0.93 0.00	23.26 1.14 0.00	27.34 1.41 0.00	20.41 1.08 0.00	20.44 1.07 0.00	20.24 1.02 0.00	19.25 0.91 0.00
RAVENSWOOD___1 23533	22.17 0.69 0.00	20.06 0.57 0.00	18.40 0.48 0.00	19.93 0.45 0.00	20.38 0.50 0.00	19.44 0.52 0.00	20.46 0.67 0.00	23.76 1.00 0.00	20.89 0.93 0.00	19.24 0.89 0.00	18.84 0.95 0.00	17.10 0.88 0.00	10.39 0.55 0.00	13.47 0.70 0.00	16.57 0.80 0.00	17.29 0.83 0.00	17.22 0.85 0.00	19.64 0.96 0.00	23.30 1.18 0.00	27.39 1.46 0.00	20.44 1.11 0.00	20.48 1.10 0.00	20.28 1.05 0.00	19.29 0.94 0.00
RAVENSWOOD___2 23534	22.17 0.69 0.00	20.06 0.57 0.00	18.40 0.48 0.00	19.93 0.45 0.00	20.38 0.50 0.00	19.44 0.52 0.00	20.46 0.67 0.00	23.76 1.00 0.00	20.89 0.93 0.00	19.24 0.89 0.00	18.84 0.95 0.00	17.10 0.88 0.00	10.39 0.55 0.00	13.47 0.70 0.00	16.57 0.80 0.00	17.29 0.83 0.00	17.22 0.85 0.00	19.64 0.96 0.00	23.30 1.18 0.00	27.39 1.46 0.00	20.44 1.11 0.00	20.48 1.10 0.00	20.28 1.05 0.00	19.29 0.94 0.00

RAVENSWOOD___3 23535	22.14 0.66 0.00	20.03 0.55 0.00	18.37 0.45 0.00	19.92 0.44 0.00	20.35 0.47 0.00	19.41 0.50 0.00	20.43 0.65 0.00	23.72 0.96 0.00	20.85 0.90 0.00	19.20 0.86 0.00	18.80 0.92 0.00	17.07 0.85 0.00	10.37 0.52 0.00	13.44 0.67 0.00	16.54 0.77 0.00	17.26 0.80 0.00	17.19 0.83 0.00	19.62 0.94 0.00	23.26 1.14 0.00	27.34 1.42 0.00	20.41 1.08 0.00	20.44 1.07 0.00	20.24 1.02 0.00	19.25 0.91 0.00
RAVENSWOOD___4 23820	22.17 0.69 0.00	20.06 0.57 0.00	18.40 0.48 0.00	19.93 0.45 0.00	20.38 0.50 0.00	19.44 0.52 0.00	20.46 0.67 0.00	23.76 1.00 0.00	20.89 0.93 0.00	19.24 0.89 0.00	18.84 0.95 0.00	17.10 0.88 0.00	10.39 0.55 0.00	13.47 0.70 0.00	16.57 0.80 0.00	17.29 0.83 0.00	17.22 0.85 0.00	19.64 0.96 0.00	23.30 1.18 0.00	27.39 1.46 0.00	20.44 1.11 0.00	20.48 1.10 0.00	20.28 1.05 0.00	19.29 0.94 0.00
RCPL_TRUST___DRP 24196	22.14 0.66 0.00	20.04 0.55 0.00	18.37 0.45 0.00	19.92 0.44 0.00	20.35 0.47 0.00	19.41 0.50 0.00	20.43 0.65 0.00	23.74 0.97 0.00	20.87 0.91 0.00	19.22 0.88 0.00	18.82 0.94 0.00	17.09 0.87 0.00	10.38 0.54 0.00	13.46 0.68 0.00	16.56 0.79 0.00	17.27 0.82 0.00	17.21 0.84 0.00	19.63 0.95 0.00	23.27 1.15 0.00	27.37 1.44 0.00	20.43 1.09 0.00	20.46 1.09 0.00	20.26 1.03 0.00	19.25 0.91 0.00
RED___ROCHESTER 323720	21.14 -0.34 0.00	19.22 -0.27 0.00	17.76 -0.16 0.00	19.33 -0.15 0.00	19.70 -0.18 0.00	18.69 -0.22 0.00	19.48 -0.30 0.00	22.14 -0.62 0.00	19.43 -0.53 0.00	17.94 -0.41 0.00	17.45 -0.43 0.00	15.79 -0.44 0.00	9.51 -0.33 0.00	12.26 -0.51 0.00	15.06 -0.72 0.00	15.73 -0.72 0.00	15.68 -0.68 0.00	17.79 -0.89 0.00	20.97 -1.15 0.00	24.77 -1.16 0.00	18.46 -0.87 0.00	18.49 -0.88 0.00	18.42 -0.80 0.00	17.74 -0.61 0.00
REGAN___SOLAR 323812	23.40 1.92 0.00	21.20 1.71 0.00	19.48 1.56 0.00	21.16 1.68 0.00	21.61 1.73 0.00	20.61 1.69 0.00	21.61 1.83 0.00	24.88 2.12 0.00	21.81 1.85 0.00	20.05 1.71 0.00	19.27 1.39 0.00	17.43 1.21 0.00	10.47 0.62 0.00	13.58 0.80 0.00	16.64 0.87 0.00	17.22 0.76 0.00	17.31 0.95 0.00	20.06 1.38 0.00	24.05 1.92 0.00	28.55 2.63 0.00	21.21 1.87 0.00	21.23 1.86 0.00	20.94 1.71 0.00	19.89 1.55 0.00
RENSSELAER___COGEN 23796	21.77 0.29 0.00	19.78 0.29 0.00	18.17 0.24 0.00	19.74 0.26 0.00	20.17 0.28 0.00	19.21 0.30 0.00	20.11 0.33 0.00	23.21 0.45 0.00	20.36 0.40 0.00	18.65 0.30 0.00	18.23 0.34 0.00	16.58 0.36 0.00	10.06 0.22 0.00	13.09 0.32 0.00	16.15 0.38 0.00	16.85 0.40 0.00	16.74 0.37 0.00	19.15 0.47 0.00	22.70 0.58 0.00	26.56 0.64 0.00	19.86 0.53 0.00	19.88 0.51 0.00	19.73 0.50 0.00	18.80 0.46 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.57 1.09 0.00	20.63 1.13 0.00	18.97 1.05 0.00	20.63 1.16 0.00	21.09 1.21 0.00	20.20 1.28 0.00	21.17 1.39 0.00	24.48 1.71 0.00	21.39 1.43 0.00	19.47 1.12 0.00	18.83 0.94 0.00	16.93 0.71 0.00	10.35 0.50 0.00	13.66 0.89 0.00	16.74 0.97 0.00	17.53 1.08 0.00	17.42 1.05 0.00	20.24 1.57 0.00	24.08 1.96 0.00	27.98 2.05 0.00	20.86 1.53 0.00	20.92 1.54 0.00	20.79 1.56 0.00	19.73 1.39 0.00
REVERE_CPPR_DRP 24186	21.98 0.50 0.00	19.99 0.50 0.00	18.39 0.47 0.00	20.01 0.54 0.00	20.44 0.56 0.00	19.47 0.55 0.00	20.38 0.60 0.00	23.48 0.72 0.00	20.59 0.63 0.00	18.90 0.55 0.00	18.43 0.55 0.00	16.63 0.40 0.00	10.06 0.21 0.00	13.02 0.25 0.00	16.03 0.26 0.00	16.72 0.27 0.00	16.62 0.26 0.00	19.15 0.47 0.00	22.81 0.69 0.00	26.80 0.87 0.00	19.95 0.61 0.00	19.90 0.52 0.00	19.72 0.50 0.00	18.77 0.43 0.00
REYNOLDS_115KV_TB3 80639	21.69 0.21 0.00	19.73 0.23 0.00	18.12 0.19 0.00	19.69 0.21 0.00	20.11 0.23 0.00	19.16 0.24 0.00	20.05 0.27 0.00	23.14 0.37 0.00	20.29 0.33 0.00	18.60 0.25 0.00	18.18 0.29 0.00	16.54 0.31 0.00	10.04 0.20 0.00	13.08 0.31 0.00	16.14 0.37 0.00	16.84 0.39 0.00	16.72 0.35 0.00	19.12 0.44 0.00	22.66 0.54 0.00	26.49 0.56 0.00	19.81 0.48 0.00	19.84 0.46 0.00	19.69 0.47 0.00	18.76 0.42 0.00
RIVERBAY____ 323610	22.13 0.64 0.00	20.05 0.55 0.00	18.38 0.46 0.00	19.89 0.41 0.00	20.35 0.46 0.00	19.43 0.51 0.00	20.44 0.66 0.00	23.72 0.95 0.00	20.87 0.91 0.00	19.21 0.86 0.00	18.80 0.91 0.00	17.06 0.84 0.00	10.37 0.52 0.00	13.44 0.66 0.00	16.53 0.76 0.00	17.25 0.80 0.00	17.18 0.82 0.00	19.59 0.91 0.00	23.25 1.13 0.00	27.34 1.41 0.00	20.41 1.08 0.00	20.43 1.05 0.00	20.24 1.02 0.00	19.26 0.92 0.00
RIVERSDE_115KV_TB3 55908	21.76 0.27 0.00	19.78 0.29 0.00	18.16 0.24 0.00	19.74 0.26 0.00	20.16 0.28 0.00	19.21 0.30 0.00	20.11 0.32 0.00	23.21 0.44 0.00	20.35 0.39 0.00	18.65 0.31 0.00	18.23 0.34 0.00	16.58 0.36 0.00	10.07 0.22 0.00	13.11 0.33 0.00	16.17 0.40 0.00	16.86 0.42 0.00	16.75 0.39 0.00	19.16 0.49 0.00	22.72 0.59 0.00	26.57 0.64 0.00	19.87 0.53 0.00	19.89 0.51 0.00	19.74 0.51 0.00	18.80 0.46 0.00
ROARING___BROOK_WT_PWR 323790	21.21 -0.27 0.00	19.30 -0.19 0.00	17.82 -0.11 0.00	19.42 -0.06 0.00	19.84 -0.04 0.00	18.89 -0.03 0.00	19.75 -0.04 0.00	22.69 -0.08 0.00	19.84 -0.12 0.00	18.24 -0.11 0.00	17.74 -0.14 0.00	16.04 -0.18 0.00	9.78 -0.07 0.00	12.71 -0.06 0.00	15.71 -0.06 0.00	16.39 -0.06 0.00	16.31 -0.05 0.00	18.63 -0.05 0.00	22.05 -0.07 0.00	25.81 -0.11 0.00	19.18 -0.16 0.00	19.17 -0.20 0.00	19.01 -0.21 0.00	18.08 -0.26 0.00
ROCHESRG_115KV_T4 355643	20.98 -0.50 0.00	19.06 -0.44 0.00	17.61 -0.31 0.00	19.17 -0.30 0.00	19.55 -0.33 0.00	18.54 -0.38 0.00	19.31 -0.47 0.00	21.93 -0.83 0.00	19.24 -0.73 0.00	17.75 -0.59 0.00	17.29 -0.60 0.00	15.64 -0.58 0.00	9.44 -0.41 0.00	12.16 -0.61 0.00	14.94 -0.83 0.00	15.60 -0.85 0.00	15.54 -0.82 0.00	17.62 -1.06 0.00	20.76 -1.36 0.00	24.51 -1.42 0.00	18.27 -1.06 0.00	18.31 -1.07 0.00	18.24 -0.98 0.00	17.57 -0.77 0.00
ROCHESTER_9_IC 23652	21.09 -0.39 0.00	19.16 -0.34 0.00	17.70 -0.22 0.00	19.27 -0.21 0.00	19.65 -0.24 0.00	18.63 -0.29 0.00	19.42 -0.36 0.00	22.06 -0.71 0.00	19.35 -0.61 0.00	17.86 -0.49 0.00	17.38 -0.50 0.00	15.72 -0.50 0.00	9.48 -0.37 0.00	12.21 -0.56 0.00	15.00 -0.77 0.00	15.67 -0.78 0.00	15.62 -0.74 0.00	17.71 -0.97 0.00	20.88 -1.24 0.00	24.65 -1.27 0.00	18.38 -0.95 0.00	18.41 -0.97 0.00	18.34 -0.88 0.00	17.66 -0.68 0.00
ROCKVIEW_13_KV_LD 356306	22.09 0.61 0.00	20.01 0.52 0.00	18.35 0.43 0.00	19.90 0.42 0.00	20.34 0.46 0.00	19.39 0.48 0.00	20.40 0.62 0.00	23.69 0.93 0.00	20.81 0.85 0.00	19.15 0.80 0.00	18.76 0.87 0.00	17.03 0.81 0.00	10.34 0.49 0.00	13.41 0.64 0.00	16.51 0.74 0.00	17.22 0.77 0.00	17.16 0.79 0.00	19.59 0.91 0.00	23.23 1.11 0.00	27.28 1.36 0.00	20.36 1.03 0.00	20.40 1.03 0.00	20.19 0.97 0.00	19.21 0.87 0.00

ROME____115KV_TB2 80656	21.98 0.50 0.00	19.99 0.50 0.00	18.39 0.47 0.00	20.01 0.54 0.00	20.44 0.56 0.00	19.47 0.55 0.00	20.38 0.60 0.00	23.48 0.72 0.00	20.59 0.63 0.00	18.90 0.55 0.00	18.43 0.55 0.00	16.63 0.40 0.00	10.06 0.21 0.00	13.02 0.25 0.00	16.03 0.26 0.00	16.72 0.27 0.00	16.62 0.26 0.00	19.15 0.47 0.00	22.81 0.69 0.00	26.80 0.87 0.00	19.95 0.61 0.00	19.90 0.52 0.00	19.72 0.50 0.00	18.77 0.43 0.00
ROSETON____1 23587	21.86 0.38 0.00	19.81 0.32 0.00	18.18 0.25 0.00	19.73 0.25 0.00	20.17 0.29 0.00	19.22 0.30 0.00	20.20 0.41 0.00	23.40 0.64 0.00	20.55 0.59 0.00	18.88 0.53 0.00	18.48 0.60 0.00	16.78 0.56 0.00	10.19 0.35 0.00	13.23 0.45 0.00	16.29 0.52 0.00	16.99 0.54 0.00	16.91 0.55 0.00	19.33 0.64 0.00	22.93 0.81 0.00	26.90 0.97 0.00	20.07 0.74 0.00	20.11 0.74 0.00	19.93 0.70 0.00	18.97 0.63 0.00
ROSETON____2 23588	21.86 0.38 0.00	19.81 0.32 0.00	18.18 0.25 0.00	19.73 0.25 0.00	20.17 0.29 0.00	19.22 0.30 0.00	20.20 0.41 0.00	23.40 0.64 0.00	20.55 0.59 0.00	18.88 0.53 0.00	18.48 0.60 0.00	16.78 0.56 0.00	10.19 0.35 0.00	13.23 0.45 0.00	16.29 0.52 0.00	16.99 0.54 0.00	16.91 0.55 0.00	19.33 0.64 0.00	22.93 0.81 0.00	26.90 0.97 0.00	20.07 0.74 0.00	20.11 0.74 0.00	19.93 0.70 0.00	18.97 0.63 0.00
ROTTREDAM_115KV_TB3 80664	21.77 0.28 0.00	19.77 0.28 0.00	18.16 0.24 0.00	19.74 0.26 0.00	20.17 0.28 0.00	19.21 0.29 0.00	20.11 0.33 0.00	23.20 0.43 0.00	20.34 0.38 0.00	18.65 0.31 0.00	18.20 0.31 0.00	16.51 0.28 0.00	10.02 0.18 0.00	13.02 0.25 0.00	16.07 0.30 0.00	16.76 0.31 0.00	16.66 0.30 0.00	19.08 0.40 0.00	22.64 0.52 0.00	26.53 0.60 0.00	19.81 0.47 0.00	19.83 0.46 0.00	19.67 0.44 0.00	18.74 0.40 0.00
RUSSELL____1 23602	21.17 -0.31 0.00	19.22 -0.27 0.00	17.76 -0.16 0.00	19.33 -0.15 0.00	19.72 -0.16 0.00	18.70 -0.22 0.00	19.49 -0.29 0.00	22.14 -0.62 0.00	19.43 -0.53 0.00	17.93 -0.41 0.00	17.45 -0.43 0.00	15.79 -0.44 0.00	9.52 -0.33 0.00	12.26 -0.51 0.00	15.06 -0.71 0.00	15.73 -0.72 0.00	15.68 -0.68 0.00	17.79 -0.89 0.00	20.97 -1.15 0.00	24.77 -1.16 0.00	18.47 -0.87 0.00	18.49 -0.88 0.00	18.42 -0.80 0.00	17.74 -0.61 0.00
RUSSELL____2 23532	21.17 -0.31 0.00	19.22 -0.27 0.00	17.76 -0.16 0.00	19.33 -0.15 0.00	19.72 -0.16 0.00	18.70 -0.22 0.00	19.49 -0.29 0.00	22.14 -0.62 0.00	19.43 -0.53 0.00	17.93 -0.41 0.00	17.45 -0.43 0.00	15.79 -0.44 0.00	9.52 -0.33 0.00	12.26 -0.51 0.00	15.06 -0.71 0.00	15.73 -0.72 0.00	15.68 -0.68 0.00	17.79 -0.89 0.00	20.97 -1.15 0.00	24.77 -1.16 0.00	18.47 -0.87 0.00	18.49 -0.88 0.00	18.42 -0.80 0.00	17.74 -0.61 0.00
RUSSELL____3 23549	21.17 -0.31 0.00	19.22 -0.27 0.00	17.76 -0.16 0.00	19.33 -0.15 0.00	19.72 -0.16 0.00	18.70 -0.22 0.00	19.49 -0.29 0.00	22.14 -0.62 0.00	19.43 -0.53 0.00	17.93 -0.41 0.00	17.45 -0.43 0.00	15.79 -0.44 0.00	9.52 -0.33 0.00	12.26 -0.51 0.00	15.06 -0.71 0.00	15.73 -0.72 0.00	15.68 -0.68 0.00	17.79 -0.89 0.00	20.97 -1.15 0.00	24.77 -1.16 0.00	18.47 -0.87 0.00	18.49 -0.88 0.00	18.42 -0.80 0.00	17.74 -0.61 0.00
RUSSELL____4 23556	21.17 -0.31 0.00	19.22 -0.27 0.00	17.76 -0.16 0.00	19.33 -0.15 0.00	19.72 -0.16 0.00	18.70 -0.22 0.00	19.49 -0.29 0.00	22.14 -0.62 0.00	19.43 -0.53 0.00	17.93 -0.41 0.00	17.45 -0.43 0.00	15.79 -0.44 0.00	9.52 -0.33 0.00	12.26 -0.51 0.00	15.06 -0.71 0.00	15.73 -0.72 0.00	15.68 -0.68 0.00	17.79 -0.89 0.00	20.97 -1.15 0.00	24.77 -1.16 0.00	18.47 -0.87 0.00	18.49 -0.88 0.00	18.42 -0.80 0.00	17.74 -0.61 0.00
RUSSELL____STATION 23914	21.17 -0.31 0.00	19.22 -0.27 0.00	17.76 -0.16 0.00	19.33 -0.15 0.00	19.72 -0.16 0.00	18.70 -0.22 0.00	19.49 -0.29 0.00	22.14 -0.62 0.00	19.43 -0.53 0.00	17.93 -0.41 0.00	17.45 -0.43 0.00	15.79 -0.44 0.00	9.52 -0.33 0.00	12.26 -0.51 0.00	15.06 -0.71 0.00	15.73 -0.72 0.00	15.68 -0.68 0.00	17.79 -0.89 0.00	20.97 -1.15 0.00	24.77 -1.16 0.00	18.47 -0.87 0.00	18.49 -0.88 0.00	18.42 -0.80 0.00	17.74 -0.61 0.00
S SALMON____HYD 24043	21.02 -0.46 0.00	19.22 -0.28 0.00	17.71 -0.21 0.00	19.29 -0.18 0.00	19.67 -0.21 0.00	18.74 -0.18 0.00	19.53 -0.26 0.00	22.44 -0.33 0.00	19.69 -0.27 0.00	18.07 -0.28 0.00	17.55 -0.33 0.00	15.91 -0.31 0.00	9.66 -0.18 0.00	12.55 -0.23 0.00	15.44 -0.33 0.00	15.99 -0.46 0.00	15.97 -0.40 0.00	18.35 -0.33 0.00	21.72 -0.40 0.00	25.55 -0.37 0.00	19.03 -0.31 0.00	18.96 -0.41 0.00	18.84 -0.38 0.00	17.97 -0.37 0.00
S.PERRY__115KV_TB1 80734	21.80 0.31 0.00	19.81 0.32 0.00	18.23 0.31 0.00	19.89 0.41 0.00	20.32 0.44 0.00	19.32 0.41 0.00	20.26 0.48 0.00	23.13 0.37 0.00	20.24 0.28 0.00	18.47 0.12 0.00	17.78 -0.11 0.00	15.97 -0.25 0.00	9.56 -0.28 0.00	12.24 -0.53 0.00	15.07 -0.70 0.00	15.79 -0.66 0.00	15.76 -0.60 0.00	18.01 -0.67 0.00	21.60 -0.52 0.00	25.69 -0.23 0.00	19.10 -0.23 0.00	18.97 -0.41 0.00	18.86 -0.36 0.00	18.13 -0.21 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.77 -0.71 0.00	18.89 -0.60 0.00	17.52 -0.40 0.00	19.11 -0.37 0.00	19.47 -0.41 0.00	18.41 -0.51 0.00	19.14 -0.64 0.00	21.49 -1.27 0.00	18.82 -1.14 0.00	17.40 -0.94 0.00	16.97 -0.92 0.00	15.36 -0.86 0.00	9.25 -0.59 0.00	11.90 -0.88 0.00	14.56 -1.21 0.00	15.19 -1.27 0.00	15.08 -1.29 0.00	16.96 -1.72 0.00	19.90 -2.22 0.00	23.59 -2.33 0.00	17.59 -1.74 0.00	17.64 -1.74 0.00	17.67 -1.56 0.00	17.16 -1.18 0.00
SAWYER__23_KV_LOAD 55526	20.77 -0.71 0.00	18.89 -0.60 0.00	17.52 -0.40 0.00	19.11 -0.37 0.00	19.47 -0.41 0.00	18.41 -0.51 0.00	19.14 -0.64 0.00	21.49 -1.27 0.00	18.82 -1.14 0.00	17.40 -0.94 0.00	16.97 -0.92 0.00	15.36 -0.86 0.00	9.25 -0.59 0.00	11.90 -0.88 0.00	14.56 -1.21 0.00	15.19 -1.27 0.00	15.08 -1.29 0.00	16.96 -1.72 0.00	19.90 -2.22 0.00	23.59 -2.33 0.00	17.59 -1.74 0.00	17.64 -1.74 0.00	17.67 -1.56 0.00	17.16 -1.18 0.00
SELKIRK____I 23801	21.83 0.35 0.00	19.84 0.35 0.00	18.23 0.31 0.00	19.81 0.33 0.00	20.24 0.36 0.00	19.28 0.36 0.00	20.17 0.39 0.00	23.25 0.49 0.00	20.33 0.37 0.00	18.57 0.22 0.00	18.20 0.31 0.00	16.55 0.33 0.00	10.04 0.19 0.00	13.05 0.27 0.00	16.09 0.32 0.00	16.80 0.34 0.00	16.65 0.28 0.00	19.12 0.44 0.00	22.69 0.57 0.00	26.59 0.66 0.00	19.87 0.54 0.00	19.90 0.52 0.00	19.74 0.52 0.00	18.81 0.47 0.00
SELKIRK____II 23799	21.73 0.25 0.00	19.74 0.25 0.00	18.14 0.22 0.00	19.71 0.23 0.00	20.13 0.25 0.00	19.18 0.26 0.00	20.08 0.30 0.00	23.17 0.40 0.00	20.31 0.36 0.00	18.62 0.27 0.00	18.19 0.30 0.00	16.55 0.32 0.00	10.04 0.19 0.00	13.06 0.28 0.00	16.11 0.34 0.00	16.80 0.35 0.00	16.69 0.32 0.00	19.09 0.41 0.00	22.64 0.52 0.00	26.51 0.58 0.00	19.81 0.48 0.00	19.84 0.46 0.00	19.68 0.45 0.00	18.75 0.41 0.00

SENECA OSWGO___HYD 24041	21.19 -0.29 0.00	19.24 -0.25 0.00	17.71 -0.21 0.00	19.27 -0.21 0.00	19.64 -0.24 0.00	18.69 -0.22 0.00	19.48 -0.31 0.00	22.36 -0.41 0.00	19.62 -0.34 0.00	18.05 -0.29 0.00	17.62 -0.27 0.00	15.97 -0.25 0.00	9.67 -0.17 0.00	12.50 -0.27 0.00	15.41 -0.36 0.00	16.04 -0.41 0.00	15.98 -0.38 0.00	18.27 -0.41 0.00	21.62 -0.50 0.00	25.40 -0.53 0.00	18.95 -0.38 0.00	18.96 -0.42 0.00	18.80 -0.42 0.00	17.98 -0.36 0.00
SENECA___115KV_TB3 355854	21.09 -0.40 0.00	19.14 -0.35 0.00	17.75 -0.17 0.00	19.37 -0.10 0.00	19.75 -0.13 0.00	18.67 -0.25 0.00	19.44 -0.34 0.00	21.84 -0.92 0.00	19.11 -0.84 0.00	17.67 -0.67 0.00	17.24 -0.65 0.00	15.59 -0.63 0.00	9.38 -0.46 0.00	12.05 -0.72 0.00	14.76 -1.01 0.00	15.40 -1.05 0.00	15.29 -1.08 0.00	17.20 -1.48 0.00	20.22 -1.91 0.00	23.96 -1.97 0.00	17.85 -1.49 0.00	17.87 -1.50 0.00	17.90 -1.33 0.00	17.36 -0.98 0.00
SENECA___ENERGY 23797	21.63 0.15 0.00	19.62 0.13 0.00	18.06 0.14 0.00	19.66 0.18 0.00	20.06 0.18 0.00	19.08 0.17 0.00	19.97 0.19 0.00	22.92 0.16 0.00	20.06 0.10 0.00	18.39 0.04 0.00	17.91 0.03 0.00	16.13 -0.09 0.00	9.72 -0.13 0.00	12.50 -0.27 0.00	15.41 -0.36 0.00	16.12 -0.33 0.00	16.11 -0.26 0.00	18.36 -0.32 0.00	21.89 -0.23 0.00	25.80 -0.13 0.00	19.22 -0.12 0.00	19.16 -0.21 0.00	19.01 -0.21 0.00	18.20 -0.14 0.00
SHOEMAKER___GT 23640	21.85 0.37 0.00	19.80 0.30 0.00	18.16 0.24 0.00	19.72 0.25 0.00	20.16 0.28 0.00	19.20 0.29 0.00	20.16 0.38 0.00	23.34 0.58 0.00	20.48 0.52 0.00	18.79 0.44 0.00	18.39 0.50 0.00	16.68 0.46 0.00	10.13 0.28 0.00	13.11 0.34 0.00	16.15 0.38 0.00	16.85 0.40 0.00	16.78 0.42 0.00	19.19 0.51 0.00	22.80 0.68 0.00	26.78 0.85 0.00	19.98 0.65 0.00	20.03 0.66 0.00	19.85 0.63 0.00	18.91 0.56 0.00
SHOEMAKR_138KV_BK 111 55601	21.83 0.35 0.00	19.79 0.30 0.00	18.15 0.23 0.00	19.72 0.24 0.00	20.15 0.27 0.00	19.20 0.28 0.00	20.16 0.38 0.00	23.35 0.58 0.00	20.48 0.52 0.00	18.80 0.46 0.00	18.40 0.52 0.00	16.69 0.47 0.00	10.14 0.29 0.00	13.13 0.35 0.00	16.17 0.40 0.00	16.87 0.42 0.00	16.80 0.43 0.00	19.21 0.53 0.00	22.81 0.69 0.00	26.78 0.86 0.00	19.98 0.65 0.00	20.03 0.66 0.00	19.85 0.63 0.00	18.90 0.56 0.00
SHOREHAM_IC_1 23715	21.95 0.47 0.00	19.91 0.42 0.00	18.41 0.49 0.00	19.93 0.46 0.00	20.34 0.45 0.00	19.38 0.46 0.00	20.48 0.70 0.00	24.14 1.37 0.00	20.96 1.00 0.00	19.40 1.06 0.00	18.98 1.09 0.00	17.23 1.01 0.00	10.41 0.56 0.00	13.54 0.77 0.00	16.69 0.92 0.00	17.34 0.89 0.00	17.41 1.05 0.00	19.58 0.90 0.00	23.20 1.07 0.00	27.44 1.52 0.00	20.47 1.15 0.00	20.58 1.21 0.00	20.35 1.13 0.00	19.45 1.11 0.00
SHOREHAM_IC_2 23716	21.95 0.47 0.00	19.91 0.42 0.00	18.41 0.49 0.00	19.93 0.46 0.00	20.34 0.45 0.00	19.38 0.46 0.00	20.48 0.70 0.00	24.14 1.37 0.00	20.96 1.00 0.00	19.40 1.06 0.00	18.98 1.09 0.00	17.23 1.01 0.00	10.41 0.56 0.00	13.54 0.77 0.00	16.69 0.92 0.00	17.34 0.89 0.00	17.41 1.05 0.00	19.58 0.90 0.00	23.20 1.07 0.00	27.44 1.52 0.00	20.47 1.15 0.00	20.58 1.21 0.00	20.35 1.13 0.00	19.45 1.11 0.00
SISSONVILLE___ 23735	20.98 -0.50 0.00	19.06 -0.43 0.00	17.54 -0.39 0.00	19.06 -0.41 0.00	19.46 -0.42 0.00	18.52 -0.39 0.00	19.42 -0.37 0.00	22.35 -0.42 0.00	19.55 -0.41 0.00	17.93 -0.42 0.00	17.33 -0.56 0.00	15.71 -0.51 0.00	9.57 -0.28 0.00	12.43 -0.34 0.00	15.44 -0.33 0.00	16.10 -0.35 0.00	16.07 -0.30 0.00	18.38 -0.30 0.00	21.75 -0.37 0.00	25.45 -0.48 0.00	18.87 -0.46 0.00	18.92 -0.45 0.00	18.77 -0.45 0.00	17.84 -0.50 0.00
SITHE_IND_GS1 24169	21.01 -0.47 0.00	19.09 -0.41 0.00	17.58 -0.34 0.00	19.11 -0.37 0.00	19.48 -0.40 0.00	18.51 -0.40 0.00	19.27 -0.50 0.00	22.11 -0.65 0.00	19.40 -0.56 0.00	17.86 -0.48 0.00	17.43 -0.46 0.00	15.82 -0.40 0.00	9.60 -0.25 0.00	12.44 -0.34 0.00	15.33 -0.44 0.00	15.98 -0.47 0.00	15.90 -0.46 0.00	18.13 -0.55 0.00	21.44 -0.68 0.00	25.17 -0.76 0.00	18.78 -0.55 0.00	18.80 -0.58 0.00	18.66 -0.56 0.00	17.85 -0.49 0.00
SITHE_IND_GS2 24170	21.01 -0.47 0.00	19.09 -0.41 0.00	17.58 -0.34 0.00	19.11 -0.37 0.00	19.48 -0.40 0.00	18.51 -0.40 0.00	19.27 -0.50 0.00	22.11 -0.65 0.00	19.40 -0.56 0.00	17.86 -0.48 0.00	17.43 -0.46 0.00	15.82 -0.40 0.00	9.60 -0.25 0.00	12.44 -0.34 0.00	15.33 -0.44 0.00	15.98 -0.47 0.00	15.90 -0.46 0.00	18.13 -0.55 0.00	21.44 -0.68 0.00	25.17 -0.76 0.00	18.78 -0.55 0.00	18.80 -0.58 0.00	18.66 -0.56 0.00	17.85 -0.49 0.00
SITHE_IND_GS3 24171	21.01 -0.47 0.00	19.09 -0.41 0.00	17.58 -0.34 0.00	19.11 -0.37 0.00	19.48 -0.40 0.00	18.51 -0.40 0.00	19.27 -0.50 0.00	22.11 -0.65 0.00	19.40 -0.56 0.00	17.86 -0.48 0.00	17.43 -0.46 0.00	15.82 -0.40 0.00	9.60 -0.25 0.00	12.44 -0.34 0.00	15.33 -0.44 0.00	15.98 -0.47 0.00	15.90 -0.46 0.00	18.13 -0.55 0.00	21.44 -0.68 0.00	25.17 -0.76 0.00	18.78 -0.55 0.00	18.80 -0.58 0.00	18.66 -0.56 0.00	17.85 -0.49 0.00
SITHE_IND_GS4 24172	21.01 -0.47 0.00	19.09 -0.41 0.00	17.58 -0.34 0.00	19.11 -0.37 0.00	19.48 -0.40 0.00	18.51 -0.40 0.00	19.27 -0.50 0.00	22.11 -0.65 0.00	19.40 -0.56 0.00	17.86 -0.48 0.00	17.43 -0.46 0.00	15.82 -0.40 0.00	9.60 -0.25 0.00	12.44 -0.34 0.00	15.33 -0.44 0.00	15.98 -0.47 0.00	15.90 -0.46 0.00	18.13 -0.55 0.00	21.44 -0.68 0.00	25.17 -0.76 0.00	18.78 -0.55 0.00	18.80 -0.58 0.00	18.66 -0.56 0.00	17.85 -0.49 0.00
SITHE___BATAVIA 24024	21.15 -0.33 0.00	19.26 -0.24 0.00	17.84 -0.08 0.00	19.45 -0.03 0.00	19.81 -0.07 0.00	18.77 -0.15 0.00	19.53 -0.24 0.00	22.01 -0.76 0.00	19.31 -0.65 0.00	17.85 -0.50 0.00	17.34 -0.54 0.00	15.66 -0.56 0.00	9.36 -0.48 0.00	12.04 -0.73 0.00	14.70 -1.07 0.00	15.41 -1.04 0.00	15.41 -0.95 0.00	17.45 -1.23 0.00	20.54 -1.58 0.00	24.36 -1.56 0.00	18.16 -1.18 0.00	18.19 -1.19 0.00	18.15 -1.07 0.00	17.60 -0.74 0.00
SITHE___INDEPEND 23800	21.01 -0.47 0.00	19.09 -0.41 0.00	17.58 -0.34 0.00	19.11 -0.37 0.00	19.48 -0.40 0.00	18.51 -0.40 0.00	19.27 -0.50 0.00	22.11 -0.65 0.00	19.40 -0.56 0.00	17.86 -0.48 0.00	17.42 -0.46 0.00	15.82 -0.40 0.00	9.60 -0.25 0.00	12.44 -0.34 0.00	15.33 -0.44 0.00	15.98 -0.47 0.00	15.90 -0.46 0.00	18.13 -0.55 0.00	21.44 -0.68 0.00	25.17 -0.76 0.00	18.78 -0.55 0.00	18.80 -0.58 0.00	18.66 -0.56 0.00	17.85 -0.49 0.00
SITHE___MASSENA 23902	21.59 0.11 0.00	19.57 0.07 0.00	18.00 0.08 0.00	19.55 0.08 0.00	19.95 0.07 0.00	18.98 0.06 0.00	19.86 0.08 0.00	22.83 0.07 0.00	19.98 0.02 0.00	18.36 0.01 0.00	17.80 -0.09 0.00	16.13 -0.09 0.00	9.81 -0.03 0.00	12.74 -0.03 0.00	15.81 0.04 0.00	16.51 0.06 0.00	16.44 0.08 0.00	18.76 0.08 0.00	22.17 0.05 0.00	25.92 -0.01 0.00	19.26 -0.08 0.00	19.36 -0.02 0.00	19.22 -0.01 0.00	18.31 -0.03 0.00

SITHE___OGDNSBRG 24021	21.72 0.24 0.00	19.68 0.19 0.00	18.10 0.17 0.00	19.67 0.19 0.00	20.07 0.19 0.00	19.11 0.18 0.00	20.03 0.24 0.00	23.04 0.27 0.00	20.13 0.17 0.00	18.38 0.04 0.00	17.75 -0.13 0.00	16.14 -0.09 0.00	9.82 -0.02 0.00	12.76 -0.02 0.00	15.90 0.12 0.00	16.61 0.16 0.00	16.58 0.22 0.00	18.95 0.27 0.00	22.39 0.27 0.00	26.21 0.28 0.00	19.44 0.10 0.00	19.53 0.15 0.00	19.37 0.14 0.00	18.42 0.08 0.00
SITHE___STERLING 23777	21.88 0.40 0.00	19.87 0.37 0.00	18.27 0.35 0.00	19.88 0.40 0.00	20.30 0.42 0.00	19.33 0.41 0.00	20.23 0.45 0.00	23.29 0.52 0.00	20.42 0.46 0.00	18.74 0.39 0.00	18.27 0.39 0.00	16.49 0.27 0.00	9.98 0.13 0.00	12.93 0.15 0.00	15.91 0.14 0.00	16.61 0.16 0.00	16.52 0.16 0.00	18.97 0.29 0.00	22.59 0.46 0.00	26.54 0.61 0.00	19.77 0.44 0.00	19.75 0.37 0.00	19.57 0.35 0.00	18.65 0.31 0.00
SLEIGHT__34_KV_TB1 80719	21.15 -0.34 0.00	19.19 -0.30 0.00	17.70 -0.22 0.00	19.24 -0.24 0.00	19.64 -0.24 0.00	18.65 -0.26 0.00	19.47 -0.31 0.00	22.25 -0.51 0.00	19.50 -0.46 0.00	17.96 -0.38 0.00	17.50 -0.39 0.00	15.84 -0.39 0.00	9.55 -0.30 0.00	12.30 -0.47 0.00	15.13 -0.64 0.00	15.82 -0.63 0.00	15.80 -0.56 0.00	17.97 -0.71 0.00	21.26 -0.87 0.00	25.08 -0.85 0.00	18.66 -0.67 0.00	18.67 -0.71 0.00	18.56 -0.67 0.00	17.81 -0.53 0.00
SOUTH CAIRO___GT 23612	22.53 1.05 0.00	20.48 0.98 0.00	18.81 0.89 0.00	20.45 0.97 0.00	20.89 1.01 0.00	19.92 1.00 0.00	20.87 1.09 0.00	24.08 1.32 0.00	21.07 1.11 0.00	19.05 0.71 0.00	18.59 0.71 0.00	17.01 0.79 0.00	10.27 0.42 0.00	13.29 0.52 0.00	16.35 0.58 0.00	17.06 0.60 0.00	16.95 0.59 0.00	19.57 0.89 0.00	23.40 1.28 0.00	27.57 1.64 0.00	20.61 1.28 0.00	20.60 1.22 0.00	20.40 1.18 0.00	19.40 1.06 0.00
SOUTH HAMPTN___IC 23720	22.15 0.66 0.00	20.10 0.61 0.00	18.60 0.67 0.00	20.14 0.66 0.00	20.55 0.67 0.00	19.59 0.67 0.00	20.71 0.93 0.00	24.38 1.61 0.00	21.17 1.21 0.00	19.55 1.20 0.00	19.11 1.23 0.00	17.35 1.13 0.00	10.47 0.62 0.00	13.60 0.83 0.00	16.75 0.97 0.00	17.39 0.94 0.00	17.46 1.09 0.00	19.65 0.97 0.00	23.31 1.18 0.00	27.57 1.64 0.00	20.56 1.23 0.00	20.66 1.28 0.00	20.42 1.20 0.00	19.51 1.17 0.00
SOUTHDOW__115KV_TB1 355954	21.85 0.37 0.00	19.80 0.31 0.00	18.41 0.49 0.00	20.14 0.66 0.00	20.48 0.60 0.00	19.36 0.44 0.00	20.21 0.43 0.00	22.83 0.06 0.00	20.00 0.04 0.00	18.48 0.13 0.00	18.01 0.13 0.00	16.12 -0.10 0.00	9.65 -0.20 0.00	12.51 -0.27 0.00	15.35 -0.43 0.00	15.90 -0.55 0.00	15.70 -0.66 0.00	17.68 -1.00 0.00	20.90 -1.22 0.00	24.64 -1.29 0.00	18.29 -1.05 0.00	18.29 -1.08 0.00	18.50 -0.72 0.00	17.90 -0.44 0.00
SOUTHOLD_69_KV_BK 2 55809	22.34 0.86 0.00	20.31 0.82 0.00	18.83 0.90 0.00	20.40 0.92 0.00	20.81 0.93 0.00	19.86 0.94 0.00	21.00 1.22 0.00	24.72 1.96 0.00	21.47 1.51 0.00	19.77 1.42 0.00	19.30 1.41 0.00	17.50 1.28 0.00	10.54 0.70 0.00	13.68 0.91 0.00	16.82 1.05 0.00	17.44 0.99 0.00	17.50 1.14 0.00	19.68 1.00 0.00	23.38 1.26 0.00	27.68 1.75 0.00	20.61 1.28 0.00	20.71 1.33 0.00	20.46 1.23 0.00	19.53 1.19 0.00
SOUTHOLD___IC 23719	22.35 0.87 0.00	20.31 0.82 0.00	18.82 0.90 0.00	20.40 0.92 0.00	20.83 0.94 0.00	19.86 0.94 0.00	21.00 1.22 0.00	24.72 1.96 0.00	21.47 1.51 0.00	19.76 1.42 0.00	19.30 1.41 0.00	17.50 1.28 0.00	10.54 0.70 0.00	13.68 0.91 0.00	16.82 1.05 0.00	17.44 0.99 0.00	17.50 1.14 0.00	19.68 1.00 0.00	23.38 1.26 0.00	27.68 1.75 0.00	20.61 1.28 0.00	20.71 1.33 0.00	20.46 1.23 0.00	19.53 1.19 0.00
SOUTH_FORK_WT_PWR 323839	22.31 0.83 0.00	20.30 0.81 0.00	18.84 0.91 0.00	20.41 0.93 0.00	20.84 0.95 0.00	19.87 0.95 0.00	21.03 1.25 0.00	24.75 1.98 0.00	21.48 1.52 0.00	19.77 1.42 0.00	19.29 1.41 0.00	17.50 1.27 0.00	10.53 0.69 0.00	13.66 0.88 0.00	16.77 1.00 0.00	17.37 0.92 0.00	17.41 1.05 0.00	19.54 0.86 0.00	23.22 1.10 0.00	27.47 1.54 0.00	20.45 1.11 0.00	20.55 1.17 0.00	20.29 1.07 0.00	19.38 1.04 0.00
SPIERFLS_115KV_TB 1 80737	21.93 0.45 0.00	19.95 0.45 0.00	18.33 0.41 0.00	19.92 0.44 0.00	20.36 0.48 0.00	19.43 0.51 0.00	20.36 0.58 0.00	23.51 0.74 0.00	20.60 0.64 0.00	18.83 0.49 0.00	18.33 0.44 0.00	16.59 0.37 0.00	10.09 0.24 0.00	13.16 0.39 0.00	16.21 0.44 0.00	16.92 0.47 0.00	16.84 0.47 0.00	19.38 0.70 0.00	23.05 0.93 0.00	26.94 1.02 0.00	20.12 0.78 0.00	20.14 0.76 0.00	19.97 0.75 0.00	18.99 0.65 0.00
ST LAWRENCE____ 23600	21.44 -0.04 0.00	19.43 -0.07 0.00	17.86 -0.06 0.00	19.41 -0.07 0.00	19.81 -0.07 0.00	18.84 -0.08 0.00	19.71 -0.07 0.00	22.65 -0.11 0.00	19.83 -0.13 0.00	18.23 -0.12 0.00	17.70 -0.19 0.00	16.03 -0.19 0.00	9.75 -0.10 0.00	12.66 -0.11 0.00	15.70 -0.07 0.00	16.39 -0.06 0.00	16.32 -0.05 0.00	18.61 -0.07 0.00	21.99 -0.13 0.00	25.71 -0.22 0.00	19.11 -0.22 0.00	19.22 -0.15 0.00	19.08 -0.14 0.00	18.19 -0.15 0.00
STATE_CA_115KV_115_LB 55624	21.87 0.39 0.00	19.88 0.39 0.00	18.25 0.33 0.00	19.84 0.36 0.00	20.26 0.38 0.00	19.31 0.39 0.00	20.21 0.42 0.00	23.32 0.56 0.00	20.46 0.50 0.00	18.75 0.40 0.00	18.33 0.44 0.00	16.67 0.45 0.00	10.12 0.27 0.00	13.17 0.39 0.00	16.23 0.46 0.00	16.93 0.48 0.00	16.83 0.46 0.00	19.26 0.58 0.00	22.83 0.71 0.00	26.72 0.79 0.00	19.97 0.63 0.00	19.99 0.62 0.00	19.83 0.61 0.00	18.89 0.55 0.00
STATE_ST_34_KV_LOAD 55959	21.70 0.22 0.00	19.70 0.21 0.00	18.15 0.22 0.00	19.69 0.21 0.00	20.12 0.24 0.00	19.10 0.18 0.00	19.93 0.16 0.00	22.95 0.19 0.00	20.05 0.09 0.00	18.41 0.06 0.00	17.94 0.05 0.00	16.28 0.06 0.00	9.84 -0.01 0.00	12.65 -0.13 0.00	15.58 -0.20 0.00	16.32 -0.13 0.00	16.30 -0.06 0.00	18.53 -0.15 0.00	22.07 -0.05 0.00	25.98 0.05 0.00	19.29 -0.04 0.00	19.33 -0.05 0.00	19.18 -0.04 0.00	18.36 0.02 0.00
STATION 5_MISC_HYD 23604	21.06 -0.42 0.00	19.15 -0.34 0.00	17.70 -0.22 0.00	19.27 -0.21 0.00	19.63 -0.25 0.00	18.63 -0.29 0.00	19.41 -0.37 0.00	22.06 -0.71 0.00	19.35 -0.61 0.00	17.86 -0.48 0.00	17.38 -0.50 0.00	15.73 -0.50 0.00	9.48 -0.37 0.00	12.22 -0.56 0.00	15.00 -0.77 0.00	15.67 -0.78 0.00	15.62 -0.74 0.00	17.71 -0.97 0.00	20.88 -1.24 0.00	24.66 -1.27 0.00	18.38 -0.95 0.00	18.41 -0.97 0.00	18.34 -0.88 0.00	17.66 -0.68 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.93 0.45 0.00	19.88 0.39 0.00	18.32 0.40 0.00	19.97 0.49 0.00	20.38 0.50 0.00	19.37 0.45 0.00	20.27 0.49 0.00	23.12 0.35 0.00	20.32 0.36 0.00	18.66 0.31 0.00	18.15 0.27 0.00	16.33 0.10 0.00	9.81 -0.04 0.00	12.62 -0.15 0.00	15.54 -0.23 0.00	16.27 -0.18 0.00	16.26 -0.11 0.00	18.53 -0.15 0.00	22.04 -0.08 0.00	25.99 0.07 0.00	19.36 0.03 0.00	19.31 -0.07 0.00	19.18 -0.04 0.00	18.36 0.02 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	20.99 -0.49 0.00	19.06 -0.43 0.00	17.61 -0.31 0.00	19.17 -0.31 0.00	19.55 -0.34 0.00	18.54 -0.38 0.00	19.33 -0.45 0.00	21.98 -0.79 0.00	19.28 -0.68 0.00	17.79 -0.55 0.00	17.32 -0.57 0.00	15.67 -0.55 0.00	9.45 -0.40 0.00	12.18 -0.59 0.00	14.97 -0.80 0.00	15.64 -0.81 0.00	15.59 -0.78 0.00	17.69 -0.99 0.00	20.85 -1.27 0.00	24.61 -1.32 0.00	18.35 -0.99 0.00	18.37 -1.01 0.00	18.29 -0.93 0.00	17.61 -0.73 0.00
STA_56___34_KV_BUS2 355983	20.99 -0.49 0.00	19.06 -0.43 0.00	17.61 -0.31 0.00	19.17 -0.31 0.00	19.55 -0.34 0.00	18.54 -0.38 0.00	19.33 -0.45 0.00	21.98 -0.79 0.00	19.28 -0.68 0.00	17.79 -0.55 0.00	17.32 -0.57 0.00	15.67 -0.55 0.00	9.45 -0.40 0.00	12.18 -0.59 0.00	14.97 -0.80 0.00	15.64 -0.81 0.00	15.59 -0.78 0.00	17.69 -0.99 0.00	20.85 -1.27 0.00	24.61 -1.32 0.00	18.35 -0.99 0.00	18.37 -1.01 0.00	18.29 -0.93 0.00	17.61 -0.73 0.00
STA_67___115KV_BK2 355882	21.05 -0.43 0.00	19.12 -0.37 0.00	17.67 -0.25 0.00	19.23 -0.24 0.00	19.62 -0.27 0.00	18.60 -0.32 0.00	19.38 -0.40 0.00	22.01 -0.75 0.00	19.31 -0.65 0.00	17.82 -0.52 0.00	17.35 -0.54 0.00	15.69 -0.53 0.00	9.47 -0.38 0.00	12.20 -0.57 0.00	14.98 -0.79 0.00	15.65 -0.80 0.00	15.59 -0.77 0.00	17.68 -1.00 0.00	20.83 -1.29 0.00	24.60 -1.33 0.00	18.34 -0.99 0.00	18.37 -1.01 0.00	18.31 -0.92 0.00	17.63 -0.71 0.00
STA_7___115KV_9TRANS 80674	21.17 -0.31 0.00	19.22 -0.27 0.00	17.76 -0.16 0.00	19.33 -0.15 0.00	19.72 -0.16 0.00	18.70 -0.22 0.00	19.49 -0.29 0.00	22.14 -0.62 0.00	19.43 -0.53 0.00	17.93 -0.41 0.00	17.45 -0.43 0.00	15.79 -0.44 0.00	9.52 -0.33 0.00	12.26 -0.51 0.00	15.06 -0.71 0.00	15.73 -0.72 0.00	15.68 -0.68 0.00	17.79 -0.89 0.00	20.97 -1.15 0.00	24.77 -1.16 0.00	18.47 -0.87 0.00	18.49 -0.88 0.00	18.42 -0.80 0.00	17.74 -0.61 0.00
STA_82___115KV_TB1 80780	21.07 -0.41 0.00	19.14 -0.36 0.00	17.68 -0.24 0.00	19.25 -0.23 0.00	19.63 -0.25 0.00	18.61 -0.31 0.00	19.40 -0.38 0.00	22.03 -0.73 0.00	19.33 -0.63 0.00	17.83 -0.51 0.00	17.36 -0.53 0.00	15.70 -0.52 0.00	9.47 -0.38 0.00	12.20 -0.57 0.00	14.98 -0.79 0.00	15.65 -0.80 0.00	15.60 -0.77 0.00	17.69 -0.99 0.00	20.85 -1.27 0.00	24.62 -1.31 0.00	18.35 -0.98 0.00	18.38 -0.99 0.00	18.32 -0.91 0.00	17.64 -0.70 0.00
STEEL___WIND 323596	21.02 -0.46 0.00	19.12 -0.37 0.00	17.72 -0.20 0.00	19.35 -0.13 0.00	19.70 -0.18 0.00	18.65 -0.27 0.00	19.40 -0.38 0.00	21.82 -0.95 0.00	19.08 -0.88 0.00	17.64 -0.70 0.00	17.21 -0.68 0.00	15.57 -0.65 0.00	9.37 -0.48 0.00	12.03 -0.74 0.00	14.74 -1.03 0.00	15.38 -1.07 0.00	15.26 -1.10 0.00	17.16 -1.52 0.00	20.19 -1.93 0.00	23.92 -2.01 0.00	17.82 -1.52 0.00	17.84 -1.54 0.00	17.87 -1.35 0.00	17.33 -1.02 0.00
STEPHTWN_115KV_BK_2 55603	21.95 0.47 0.00	19.91 0.42 0.00	18.30 0.37 0.00	19.88 0.40 0.00	20.31 0.43 0.00	19.35 0.44 0.00	20.30 0.52 0.00	23.46 0.70 0.00	20.54 0.58 0.00	18.82 0.47 0.00	18.38 0.49 0.00	16.72 0.50 0.00	10.14 0.29 0.00	13.19 0.41 0.00	16.24 0.47 0.00	16.95 0.50 0.00	16.85 0.49 0.00	19.31 0.63 0.00	22.93 0.81 0.00	26.80 0.87 0.00	20.03 0.70 0.00	20.06 0.69 0.00	19.92 0.70 0.00	18.94 0.60 0.00
STEUBEN_REC_LFGE 323667	21.55 0.07 0.00	19.72 0.23 0.00	18.09 0.17 0.00	19.78 0.30 0.00	20.24 0.36 0.00	19.25 0.33 0.00	20.25 0.47 0.00	23.14 0.37 0.00	20.17 0.21 0.00	18.34 0.00 0.00	17.91 0.03 0.00	15.99 -0.23 0.00	9.48 -0.36 0.00	12.04 -0.73 0.00	14.89 -0.88 0.00	15.69 -0.76 0.00	15.66 -0.71 0.00	17.89 -0.79 0.00	21.42 -0.70 0.00	25.41 -0.51 0.00	18.82 -0.52 0.00	18.44 -0.94 0.00	18.49 -0.73 0.00	17.79 -0.55 0.00
STILLWATER___SOLAR 323814	21.93 0.44 0.00	19.92 0.43 0.00	18.31 0.38 0.00	19.89 0.42 0.00	20.33 0.45 0.00	19.38 0.46 0.00	20.32 0.54 0.00	23.44 0.68 0.00	20.52 0.56 0.00	18.78 0.43 0.00	18.30 0.41 0.00	16.59 0.36 0.00	10.09 0.24 0.00	13.13 0.36 0.00	16.20 0.43 0.00	16.90 0.45 0.00	16.82 0.45 0.00	19.31 0.63 0.00	22.95 0.83 0.00	26.82 0.90 0.00	20.04 0.71 0.00	20.06 0.69 0.00	19.90 0.67 0.00	18.93 0.59 0.00
STONY___BROOK 24151	22.15 0.66 0.00	20.07 0.58 0.00	18.49 0.57 0.00	20.02 0.55 0.00	20.44 0.56 0.00	19.47 0.56 0.00	20.56 0.78 0.00	24.08 1.31 0.00	21.02 1.06 0.00	19.36 1.02 0.00	18.98 1.09 0.00	17.25 1.02 0.00	10.44 0.59 0.00	13.57 0.79 0.00	16.72 0.95 0.00	17.38 0.93 0.00	17.41 1.05 0.00	19.75 1.07 0.00	23.39 1.27 0.00	27.58 1.65 0.00	20.58 1.25 0.00	20.66 1.28 0.00	20.44 1.22 0.00	19.51 1.17 0.00
STURGEON_POOL_HYD 23609	21.87 0.39 0.00	19.81 0.32 0.00	18.18 0.25 0.00	19.72 0.24 0.00	20.17 0.28 0.00	19.22 0.31 0.00	20.22 0.44 0.00	23.46 0.69 0.00	20.60 0.64 0.00	18.93 0.59 0.00	18.54 0.65 0.00	16.84 0.62 0.00	10.23 0.38 0.00	13.25 0.47 0.00	16.30 0.53 0.00	17.02 0.56 0.00	16.95 0.58 0.00	19.36 0.69 0.00	22.99 0.87 0.00	27.00 1.07 0.00	20.14 0.81 0.00	20.18 0.80 0.00	19.98 0.76 0.00	19.02 0.68 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.90 0.42 0.00	19.84 0.35 0.00	18.20 0.27 0.00	19.76 0.28 0.00	20.20 0.32 0.00	19.25 0.33 0.00	20.23 0.45 0.00	23.46 0.69 0.00	20.59 0.63 0.00	18.91 0.56 0.00	18.51 0.62 0.00	16.79 0.57 0.00	10.20 0.35 0.00	13.22 0.44 0.00	16.27 0.50 0.00	16.98 0.53 0.00	16.91 0.55 0.00	19.33 0.65 0.00	22.94 0.82 0.00	26.93 1.00 0.00	20.09 0.76 0.00	20.14 0.76 0.00	19.95 0.73 0.00	19.00 0.66 0.00
SWANROAD_115KV_TB1 355699	20.34 -1.14 0.00	18.52 -0.98 0.00	17.17 -0.75 0.00	18.73 -0.75 0.00	19.08 -0.80 0.00	18.03 -0.88 0.00	18.71 -1.07 0.00	20.93 -1.84 0.00	18.34 -1.62 0.00	16.96 -1.38 0.00	16.54 -1.35 0.00	14.99 -1.23 0.00	9.04 -0.81 0.00	11.61 -1.17 0.00	14.17 -1.60 0.00	14.78 -1.67 0.00	14.69 -1.67 0.00	16.53 -2.15 0.00	19.37 -2.75 0.00	22.99 -2.94 0.00	17.15 -2.18 0.00	17.20 -2.17 0.00	17.23 -2.00 0.00	16.80 -1.54 0.00
SYNERGY___BIOGAS 323694	21.15 -0.33 0.00	19.26 -0.24 0.00	17.84 -0.08 0.00	19.45 -0.03 0.00	19.81 -0.07 0.00	18.77 -0.15 0.00	19.53 -0.24 0.00	22.01 -0.76 0.00	19.31 -0.65 0.00	17.85 -0.50 0.00	17.34 -0.54 0.00	15.66 -0.56 0.00	9.36 -0.48 0.00	12.04 -0.73 0.00	14.70 -1.07 0.00	15.41 -1.04 0.00	15.41 -0.95 0.00	17.45 -1.23 0.00	20.54 -1.58 0.00	24.36 -1.56 0.00	18.16 -1.18 0.00	18.19 -1.19 0.00	18.15 -1.07 0.00	17.60 -0.74 0.00
SYRACUSE___ENERGY_ST1 323597	21.51 0.03 0.00	19.52 0.03 0.00	17.97 0.05 0.00	19.54 0.06 0.00	19.93 0.05 0.00	18.95 0.03 0.00	19.77 -0.01 0.00	22.70 -0.06 0.00	19.90 -0.06 0.00	18.30 -0.05 0.00	17.85 -0.03 0.00	16.19 -0.04 0.00	9.80 -0.05 0.00	12.66 -0.11 0.00	15.61 -0.16 0.00	16.28 -0.17 0.00	16.23 -0.13 0.00	18.51 -0.16 0.00	21.93 -0.19 0.00	25.78 -0.15 0.00	19.21 -0.12 0.00	19.22 -0.15 0.00	19.07 -0.15 0.00	18.24 -0.10 0.00

SYRACUSE___ENERGY_ST2 323598	21.51 0.03 0.00	19.52 0.03 0.00	17.97 0.05 0.00	19.54 0.06 0.00	19.93 0.05 0.00	18.95 0.03 0.00	19.77 -0.01 0.00	22.70 -0.06 0.00	19.90 -0.06 0.00	18.30 -0.05 0.00	17.85 -0.03 0.00	16.19 -0.04 0.00	9.80 -0.05 0.00	12.66 -0.11 0.00	15.61 -0.16 0.00	16.28 -0.17 0.00	16.23 -0.13 0.00	18.51 -0.16 0.00	21.93 -0.19 0.00	25.78 -0.15 0.00	19.21 -0.12 0.00	19.22 -0.15 0.00	19.07 -0.15 0.00	18.24 -0.10 0.00
SYRACUSE___POWER 24017	21.48 0.00 0.00	19.49 -0.01 0.00	17.93 0.01 0.00	19.50 0.03 0.00	19.90 0.02 0.00	18.92 0.00 0.00	19.74 -0.04 0.00	22.67 -0.10 0.00	19.88 -0.08 0.00	18.28 -0.06 0.00	17.83 -0.05 0.00	16.16 -0.06 0.00	9.78 -0.06 0.00	12.65 -0.12 0.00	15.59 -0.18 0.00	16.26 -0.19 0.00	16.20 -0.16 0.00	18.49 -0.19 0.00	21.91 -0.21 0.00	25.75 -0.18 0.00	19.20 -0.13 0.00	19.20 -0.17 0.00	19.06 -0.16 0.00	18.21 -0.13 0.00
TALLMAN__138KV_BK151 55660	22.01 0.53 0.00	19.92 0.43 0.00	18.25 0.33 0.00	19.82 0.34 0.00	20.27 0.38 0.00	19.31 0.39 0.00	20.31 0.53 0.00	23.60 0.84 0.00	20.72 0.76 0.00	19.04 0.70 0.00	18.65 0.76 0.00	16.91 0.69 0.00	10.27 0.42 0.00	13.31 0.54 0.00	16.39 0.62 0.00	17.09 0.64 0.00	17.04 0.67 0.00	19.45 0.78 0.00	23.09 0.97 0.00	27.10 1.18 0.00	20.22 0.88 0.00	20.27 0.90 0.00	20.07 0.85 0.00	19.12 0.78 0.00
TEALLAVE_115KV_TB7 355573	21.37 -0.11 0.00	19.40 -0.10 0.00	17.85 -0.07 0.00	19.42 -0.06 0.00	19.81 -0.08 0.00	18.83 -0.08 0.00	19.64 -0.14 0.00	22.54 -0.22 0.00	19.77 -0.19 0.00	18.19 -0.16 0.00	17.75 -0.14 0.00	16.09 -0.13 0.00	9.74 -0.10 0.00	12.61 -0.17 0.00	15.53 -0.24 0.00	16.20 -0.25 0.00	16.13 -0.23 0.00	18.41 -0.27 0.00	21.79 -0.33 0.00	25.60 -0.33 0.00	19.10 -0.23 0.00	19.11 -0.27 0.00	18.96 -0.27 0.00	18.13 -0.21 0.00
TELGRAPH_34_KV_EAST 80808	20.87 -0.61 0.00	18.97 -0.52 0.00	17.58 -0.34 0.00	19.18 -0.30 0.00	19.55 -0.33 0.00	18.50 -0.42 0.00	19.22 -0.56 0.00	21.59 -1.18 0.00	18.94 -1.02 0.00	17.51 -0.83 0.00	17.05 -0.84 0.00	15.42 -0.80 0.00	9.26 -0.58 0.00	11.91 -0.87 0.00	14.53 -1.24 0.00	15.20 -1.25 0.00	15.16 -1.21 0.00	17.10 -1.58 0.00	20.08 -2.04 0.00	23.81 -2.11 0.00	17.75 -1.58 0.00	17.80 -1.58 0.00	17.79 -1.43 0.00	17.29 -1.06 0.00
TEMPLE___115KV_TB 2 55572	21.38 -0.10 0.00	19.40 -0.09 0.00	17.86 -0.06 0.00	19.43 -0.05 0.00	19.82 -0.07 0.00	18.84 -0.08 0.00	19.65 -0.13 0.00	22.55 -0.22 0.00	19.78 -0.18 0.00	18.20 -0.14 0.00	17.76 -0.13 0.00	16.10 -0.13 0.00	9.75 -0.10 0.00	12.61 -0.16 0.00	15.54 -0.23 0.00	16.20 -0.24 0.00	16.14 -0.22 0.00	18.41 -0.27 0.00	21.80 -0.32 0.00	25.61 -0.32 0.00	19.11 -0.22 0.00	19.11 -0.27 0.00	18.97 -0.25 0.00	18.14 -0.20 0.00
TIANA____69_KV_BK 1 55817	22.10 0.62 0.00	20.06 0.57 0.00	18.55 0.63 0.00	20.09 0.61 0.00	20.49 0.61 0.00	19.54 0.62 0.00	20.65 0.87 0.00	24.30 1.54 0.00	21.11 1.16 0.00	19.50 1.16 0.00	19.07 1.18 0.00	17.32 1.09 0.00	10.45 0.61 0.00	13.59 0.81 0.00	16.73 0.96 0.00	17.37 0.92 0.00	17.45 1.09 0.00	19.66 0.97 0.00	23.31 1.19 0.00	27.58 1.65 0.00	20.57 1.23 0.00	20.67 1.29 0.00	20.43 1.21 0.00	19.52 1.18 0.00
TILDEN___115KV_TB1 80814	21.48 0.00 0.00	19.49 -0.01 0.00	17.93 0.01 0.00	19.50 0.03 0.00	19.90 0.02 0.00	18.92 0.00 0.00	19.74 -0.04 0.00	22.67 -0.10 0.00	19.88 -0.08 0.00	18.28 -0.06 0.00	17.83 -0.05 0.00	16.16 -0.06 0.00	9.78 -0.06 0.00	12.65 -0.12 0.00	15.59 -0.18 0.00	16.26 -0.19 0.00	16.20 -0.16 0.00	18.49 -0.19 0.00	21.91 -0.21 0.00	25.75 -0.18 0.00	19.20 -0.13 0.00	19.20 -0.17 0.00	19.06 -0.16 0.00	18.21 -0.13 0.00
TRIGEN___CC 323695	22.12 0.64 0.00	20.04 0.55 0.00	18.40 0.47 0.00	19.94 0.46 0.00	20.37 0.49 0.00	19.42 0.51 0.00	20.46 0.68 0.00	23.82 1.06 0.00	20.87 0.91 0.00	19.20 0.85 0.00	18.84 0.95 0.00	17.12 0.89 0.00	10.37 0.53 0.00	13.49 0.71 0.00	16.60 0.83 0.00	17.31 0.86 0.00	17.30 0.94 0.00	19.72 1.03 0.00	23.32 1.19 0.00	27.41 1.48 0.00	20.46 1.13 0.00	20.52 1.14 0.00	20.32 1.10 0.00	19.37 1.03 0.00
TRINITY__115KV__ 4 BK 55933	21.77 0.28 0.00	19.78 0.29 0.00	18.17 0.25 0.00	19.74 0.27 0.00	20.17 0.29 0.00	19.22 0.30 0.00	20.12 0.33 0.00	23.21 0.45 0.00	20.36 0.40 0.00	18.66 0.31 0.00	18.23 0.35 0.00	16.59 0.36 0.00	10.07 0.22 0.00	13.11 0.33 0.00	16.17 0.40 0.00	16.86 0.42 0.00	16.75 0.39 0.00	19.16 0.48 0.00	22.72 0.60 0.00	26.57 0.65 0.00	19.87 0.54 0.00	19.89 0.52 0.00	19.74 0.51 0.00	18.81 0.46 0.00
UNION___PROCESSING_DRP 323587	21.07 -0.41 0.00	19.14 -0.35 0.00	17.69 -0.23 0.00	19.25 -0.22 0.00	19.64 -0.25 0.00	18.62 -0.30 0.00	19.41 -0.37 0.00	22.04 -0.73 0.00	19.33 -0.63 0.00	17.84 -0.50 0.00	17.37 -0.52 0.00	15.71 -0.51 0.00	9.47 -0.37 0.00	12.21 -0.56 0.00	14.99 -0.78 0.00	15.66 -0.79 0.00	15.61 -0.76 0.00	17.70 -0.98 0.00	20.86 -1.26 0.00	24.63 -1.30 0.00	18.36 -0.97 0.00	18.39 -0.99 0.00	18.32 -0.90 0.00	17.65 -0.69 0.00
UPPER HUDSON___HYD 24058	21.93 0.45 0.00	19.95 0.45 0.00	18.33 0.41 0.00	19.92 0.44 0.00	20.36 0.48 0.00	19.43 0.51 0.00	20.37 0.59 0.00	23.51 0.74 0.00	20.60 0.64 0.00	18.83 0.49 0.00	18.33 0.44 0.00	16.59 0.37 0.00	10.09 0.24 0.00	13.16 0.39 0.00	16.21 0.44 0.00	16.92 0.47 0.00	16.84 0.47 0.00	19.38 0.70 0.00	23.05 0.92 0.00	26.94 1.02 0.00	20.12 0.78 0.00	20.14 0.76 0.00	19.97 0.75 0.00	18.99 0.65 0.00
UPPER RAQUET___HYD 24056	20.99 -0.49 0.00	19.06 -0.43 0.00	17.54 -0.39 0.00	19.06 -0.41 0.00	19.46 -0.42 0.00	18.52 -0.39 0.00	19.42 -0.37 0.00	22.35 -0.42 0.00	19.55 -0.41 0.00	17.93 -0.42 0.00	17.33 -0.56 0.00	15.71 -0.51 0.00	9.57 -0.28 0.00	12.43 -0.34 0.00	15.44 -0.33 0.00	16.10 -0.35 0.00	16.07 -0.30 0.00	18.38 -0.30 0.00	21.75 -0.37 0.00	25.44 -0.48 0.00	18.87 -0.46 0.00	18.93 -0.45 0.00	18.77 -0.45 0.00	17.84 -0.50 0.00
VALLEY44_115KV_TB2 355964	21.87 0.38 0.00	19.73 0.24 0.00	18.23 0.31 0.00	19.94 0.46 0.00	20.34 0.45 0.00	19.23 0.31 0.00	20.01 0.23 0.00	22.62 -0.14 0.00	19.81 -0.15 0.00	18.33 -0.02 0.00	17.85 -0.03 0.00	16.08 -0.14 0.00	9.71 -0.13 0.00	12.56 -0.21 0.00	15.47 -0.30 0.00	16.16 -0.29 0.00	16.04 -0.32 0.00	18.01 -0.67 0.00	21.16 -0.96 0.00	24.87 -1.06 0.00	18.57 -0.76 0.00	18.64 -0.73 0.00	18.70 -0.52 0.00	18.06 -0.28 0.00
VALLEY___115KV_TB 1-4 80826	21.18 -0.30 0.00	19.19 -0.30 0.00	17.62 -0.30 0.00	19.07 -0.40 0.00	19.53 -0.35 0.00	18.64 -0.28 0.00	19.58 -0.20 0.00	22.60 -0.16 0.00	19.84 -0.12 0.00	18.20 -0.15 0.00	17.76 -0.13 0.00	16.10 -0.13 0.00	9.75 -0.09 0.00	12.72 -0.06 0.00	15.64 -0.13 0.00	16.30 -0.15 0.00	16.21 -0.16 0.00	18.63 -0.05 0.00	22.21 0.09 0.00	26.04 0.11 0.00	19.45 0.11 0.00	19.42 0.04 0.00	19.20 -0.02 0.00	18.23 -0.11 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.13 0.65 0.00	20.04 0.55 0.00	18.43 0.51 0.00	20.02 0.55 0.00	20.45 0.57 0.00	19.49 0.57 0.00	20.42 0.64 0.00	23.56 0.80 0.00	20.69 0.73 0.00	19.03 0.69 0.00	18.59 0.71 0.00	16.84 0.61 0.00	10.19 0.35 0.00	13.18 0.40 0.00	16.25 0.48 0.00	16.94 0.49 0.00	16.86 0.50 0.00	19.25 0.57 0.00	22.82 0.70 0.00	26.81 0.89 0.00	19.97 0.64 0.00	20.00 0.63 0.00	19.84 0.61 0.00	18.90 0.56 0.00
VISCHER___FERRY HYD 24020	21.68 0.19 0.00	19.71 0.21 0.00	18.10 0.18 0.00	19.67 0.19 0.00	20.10 0.22 0.00	19.16 0.24 0.00	20.06 0.28 0.00	23.14 0.38 0.00	20.29 0.34 0.00	18.59 0.25 0.00	18.14 0.25 0.00	16.48 0.26 0.00	10.01 0.17 0.00	13.05 0.28 0.00	16.10 0.33 0.00	16.81 0.35 0.00	16.68 0.32 0.00	19.12 0.44 0.00	22.67 0.55 0.00	26.49 0.56 0.00	19.82 0.48 0.00	19.84 0.46 0.00	19.68 0.45 0.00	18.74 0.40 0.00
V_A_10_SYNC_DSASP 323832	20.56 -0.92 0.00	18.74 -0.75 0.00	17.35 -0.57 0.00	18.91 -0.57 0.00	19.26 -0.62 0.00	18.23 -0.69 0.00	18.96 -0.82 0.00	21.38 -1.38 0.00	18.75 -1.21 0.00	17.33 -1.01 0.00	16.88 -1.01 0.00	15.28 -0.94 0.00	9.22 -0.63 0.00	11.88 -0.89 0.00	14.56 -1.21 0.00	15.19 -1.26 0.00	15.11 -1.26 0.00	17.02 -1.66 0.00	19.99 -2.13 0.00	23.64 -2.29 0.00	17.63 -1.70 0.00	17.69 -1.69 0.00	17.69 -1.53 0.00	17.13 -1.21 0.00
V_CMM_10_SYNC_DSASP 323787	21.54 0.06 0.00	19.52 0.03 0.00	17.95 0.03 0.00	19.50 0.02 0.00	19.90 0.02 0.00	18.92 0.01 0.00	19.80 0.02 0.00	22.75 -0.01 0.00	19.92 -0.04 0.00	18.31 -0.03 0.00	17.77 -0.11 0.00	16.11 -0.12 0.00	9.79 -0.05 0.00	12.72 -0.06 0.00	15.77 0.00 0.00	16.47 0.02 0.00	16.39 0.03 0.00	18.70 0.02 0.00	22.09 -0.03 0.00	25.82 -0.10 0.00	19.19 -0.14 0.00	19.31 -0.07 0.00	19.17 -0.06 0.00	18.27 -0.07 0.00
V_CMP_10_SYNC_DSASP 323788	22.02 0.53 0.00	20.03 0.54 0.00	18.36 0.44 0.00	19.92 0.44 0.00	20.40 0.51 0.00	19.37 0.45 0.00	20.25 0.47 0.00	23.38 0.62 0.00	20.48 0.52 0.00	18.75 0.40 0.00	18.09 0.20 0.00	16.34 0.11 0.00	9.92 0.08 0.00	12.98 0.21 0.00	16.07 0.30 0.00	16.77 0.32 0.00	16.71 0.35 0.00	19.20 0.52 0.00	22.77 0.65 0.00	26.50 0.58 0.00	19.52 0.19 0.00	19.68 0.30 0.00	19.55 0.32 0.00	18.55 0.21 0.00
V_D_10_SYNC_DSASP 323841	21.60 0.12 0.00	19.57 0.08 0.00	18.00 0.08 0.00	19.55 0.08 0.00	19.96 0.08 0.00	18.98 0.06 0.00	19.87 0.09 0.00	22.83 0.07 0.00	19.99 0.03 0.00	18.36 0.02 0.00	17.81 -0.08 0.00	16.14 -0.08 0.00	9.82 -0.03 0.00	12.75 0.04 0.00	15.82 0.04 0.00	16.51 0.06 0.00	16.45 0.08 0.00	18.77 0.08 0.00	22.17 0.05 0.00	25.92 0.00 0.00	19.26 -0.07 0.00	19.36 -0.01 0.00	19.22 0.00 0.00	18.31 -0.03 0.00
V_E_10_SYNC_DSASP 323830	22.99 1.51 0.00	20.76 1.27 0.00	18.97 1.05 0.00	20.56 1.08 0.00	21.10 1.22 0.00	20.26 1.34 0.00	21.28 1.50 0.00	24.52 1.75 0.00	21.54 1.58 0.00	19.67 1.33 0.00	19.19 1.30 0.00	17.36 1.14 0.00	10.35 0.50 0.00	13.25 0.48 0.00	16.22 0.45 0.00	16.86 0.41 0.00	16.95 0.59 0.00	19.50 0.82 0.00	23.53 1.41 0.00	27.80 1.87 0.00	20.56 1.23 0.00	20.49 1.11 0.00	20.32 1.09 0.00	19.16 0.82 0.00
V_F_30_NSUNC___DSASP 323816	21.96 0.48 0.00	19.96 0.47 0.00	18.34 0.41 0.00	19.93 0.45 0.00	20.36 0.48 0.00	19.41 0.49 0.00	20.35 0.57 0.00	23.48 0.72 0.00	20.56 0.60 0.00	18.82 0.48 0.00	18.34 0.45 0.00	16.62 0.40 0.00	10.11 0.26 0.00	13.16 0.39 0.00	16.23 0.46 0.00	16.93 0.48 0.00	16.85 0.49 0.00	19.35 0.67 0.00	22.98 0.86 0.00	26.87 0.94 0.00	20.07 0.74 0.00	20.09 0.71 0.00	19.92 0.70 0.00	18.96 0.62 0.00
V_F_30_SYNC_DSASP 323786	21.87 0.39 0.00	19.87 0.38 0.00	18.25 0.33 0.00	19.83 0.35 0.00	20.26 0.38 0.00	19.31 0.38 0.00	20.21 0.42 0.00	23.32 0.56 0.00	20.46 0.50 0.00	18.74 0.40 0.00	18.33 0.44 0.00	16.67 0.44 0.00	10.12 0.27 0.00	13.16 0.39 0.00	16.23 0.46 0.00	16.93 0.48 0.00	16.83 0.46 0.00	19.26 0.58 0.00	22.83 0.70 0.00	26.71 0.79 0.00	19.97 0.63 0.00	19.99 0.62 0.00	19.83 0.61 0.00	18.89 0.55 0.00
V_XM_10_SYNC_DSASP 323789	22.02 0.53 0.00	20.03 0.54 0.00	18.36 0.44 0.00	19.92 0.44 0.00	20.40 0.51 0.00	19.37 0.45 0.00	20.25 0.47 0.00	23.38 0.62 0.00	20.48 0.52 0.00	18.75 0.40 0.00	18.09 0.20 0.00	16.34 0.11 0.00	9.92 0.08 0.00	12.98 0.21 0.00	16.07 0.30 0.00	16.77 0.32 0.00	16.71 0.35 0.00	19.20 0.52 0.00	22.77 0.65 0.00	26.50 0.58 0.00	19.52 0.19 0.00	19.68 0.30 0.00	19.55 0.32 0.00	18.55 0.21 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.08 0.60 0.00	19.98 0.49 0.00	18.31 0.38 0.00	19.88 0.40 0.00	20.33 0.44 0.00	19.37 0.45 0.00	20.38 0.60 0.00	23.66 0.90 0.00	20.78 0.82 0.00	19.10 0.75 0.00	18.70 0.81 0.00	16.96 0.74 0.00	10.30 0.45 0.00	13.34 0.57 0.00	16.44 0.67 0.00	17.15 0.70 0.00	17.09 0.72 0.00	19.52 0.84 0.00	23.17 1.05 0.00	27.20 1.27 0.00	20.28 0.95 0.00	20.33 0.96 0.00	20.14 0.91 0.00	19.17 0.83 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.14 0.66 0.00	20.04 0.55 0.00	18.37 0.45 0.00	19.92 0.44 0.00	20.35 0.47 0.00	19.41 0.50 0.00	20.43 0.65 0.00	23.74 0.97 0.00	20.87 0.91 0.00	19.22 0.88 0.00	18.82 0.94 0.00	17.09 0.87 0.00	10.38 0.54 0.00	13.46 0.68 0.00	16.56 0.79 0.00	17.27 0.82 0.00	17.21 0.84 0.00	19.63 0.95 0.00	23.27 1.15 0.00	27.37 1.44 0.00	20.43 1.09 0.00	20.46 1.09 0.00	20.26 1.03 0.00	19.25 0.91 0.00
W50THST__13_KV_LOAD 356117	22.26 0.78 0.00	20.14 0.65 0.00	18.47 0.54 0.00	20.01 0.54 0.00	20.45 0.57 0.00	19.51 0.59 0.00	20.54 0.76 0.00	23.87 1.10 0.00	20.99 1.03 0.00	19.34 0.99 0.00	18.94 1.05 0.00	17.19 0.97 0.00	10.45 0.60 0.00	13.55 0.78 0.00	16.66 0.89 0.00	17.38 0.92 0.00	17.32 0.95 0.00	19.75 1.06 0.00	23.41 1.29 0.00	27.53 1.61 0.00	20.55 1.21 0.00	20.58 1.20 0.00	20.39 1.17 0.00	19.37 1.03 0.00
WADING RIVER_IC_1 23522	21.92 0.44 0.00	19.89 0.40 0.00	18.39 0.47 0.00	19.91 0.44 0.00	20.32 0.43 0.00	19.36 0.44 0.00	20.46 0.68 0.00	24.12 1.36 0.00	20.94 0.98 0.00	19.40 1.05 0.00	18.97 1.08 0.00	17.23 1.01 0.00	10.40 0.55 0.00	13.53 0.76 0.00	16.67 0.90 0.00	17.32 0.87 0.00	17.40 1.04 0.00	19.56 0.88 0.00	23.17 1.05 0.00	27.42 1.49 0.00	20.45 1.12 0.00	20.56 1.19 0.00	20.33 1.11 0.00	19.43 1.09 0.00
WADING RIVER_IC_2 23547	21.92 0.44 0.00	19.89 0.40 0.00	18.39 0.47 0.00	19.91 0.44 0.00	20.32 0.43 0.00	19.36 0.44 0.00	20.46 0.68 0.00	24.12 1.36 0.00	20.94 0.98 0.00	19.40 1.05 0.00	18.97 1.08 0.00	17.23 1.01 0.00	10.40 0.55 0.00	13.53 0.76 0.00	16.67 0.90 0.00	17.32 0.87 0.00	17.40 1.04 0.00	19.56 0.88 0.00	23.17 1.05 0.00	27.42 1.49 0.00	20.45 1.12 0.00	20.56 1.19 0.00	20.33 1.11 0.00	19.43 1.09 0.00

WADING RIVER_IC_3 23601	21.92 0.44 0.00	19.89 0.40 0.00	18.39 0.47 0.00	19.91 0.44 0.00	20.32 0.43 0.00	19.36 0.44 0.00	20.46 0.68 0.00	24.12 1.36 0.00	20.94 0.98 0.00	19.40 1.05 0.00	18.97 1.08 0.00	17.23 1.01 0.00	10.40 0.55 0.00	13.53 0.76 0.00	16.67 0.90 0.00	17.32 0.87 0.00	17.40 1.04 0.00	19.56 0.88 0.00	23.17 1.05 0.00	27.42 1.49 0.00	20.45 1.12 0.00	20.56 1.19 0.00	20.33 1.11 0.00	19.43 1.09 0.00
WALDENNY_I2_KV_BK2 80841	21.06 -0.43 0.00	19.11 -0.38 0.00	17.72 -0.20 0.00	19.34 -0.14 0.00	19.71 -0.17 0.00	18.63 -0.29 0.00	19.40 -0.38 0.00	21.80 -0.97 0.00	19.08 -0.88 0.00	17.64 -0.70 0.00	17.22 -0.67 0.00	15.57 -0.65 0.00	9.37 -0.47 0.00	12.03 -0.74 0.00	14.73 -1.04 0.00	15.37 -1.08 0.00	15.26 -1.10 0.00	17.16 -1.52 0.00	20.17 -1.95 0.00	23.92 -2.00 0.00	17.82 -1.51 0.00	17.84 -1.53 0.00	17.86 -1.36 0.00	17.34 -1.00 0.00
WALDEN___HYDRO 24148	22.06 0.58 0.00	19.98 0.49 0.00	18.32 0.39 0.00	19.89 0.41 0.00	20.33 0.45 0.00	19.38 0.46 0.00	20.37 0.59 0.00	23.63 0.86 0.00	20.73 0.77 0.00	18.99 0.65 0.00	18.59 0.70 0.00	16.86 0.63 0.00	10.23 0.39 0.00	13.25 0.48 0.00	16.31 0.54 0.00	17.02 0.57 0.00	16.96 0.59 0.00	19.39 0.71 0.00	23.08 0.96 0.00	27.15 1.23 0.00	20.26 0.93 0.00	20.30 0.93 0.00	20.10 0.88 0.00	19.14 0.80 0.00
WARRENSBURG____ 23737	21.93 0.45 0.00	19.95 0.45 0.00	18.33 0.41 0.00	19.92 0.44 0.00	20.36 0.48 0.00	19.43 0.51 0.00	20.37 0.59 0.00	23.51 0.74 0.00	20.60 0.64 0.00	18.83 0.49 0.00	18.33 0.44 0.00	16.59 0.37 0.00	10.09 0.24 0.00	13.16 0.39 0.00	16.21 0.44 0.00	16.92 0.47 0.00	16.84 0.47 0.00	19.38 0.70 0.00	23.05 0.92 0.00	26.94 1.02 0.00	20.12 0.78 0.00	20.14 0.76 0.00	19.97 0.75 0.00	18.99 0.65 0.00
WATERSIDE___6 8 9 23538	22.16 0.68 0.00	20.06 0.57 0.00	18.40 0.48 0.00	19.93 0.45 0.00	20.38 0.50 0.00	19.44 0.52 0.00	20.45 0.67 0.00	23.76 1.00 0.00	20.90 0.94 0.00	19.24 0.89 0.00	18.84 0.95 0.00	17.10 0.88 0.00	10.39 0.55 0.00	13.47 0.70 0.00	16.57 0.80 0.00	17.29 0.84 0.00	17.22 0.85 0.00	19.64 0.96 0.00	23.30 1.18 0.00	27.39 1.46 0.00	20.44 1.11 0.00	20.48 1.10 0.00	20.28 1.05 0.00	19.29 0.94 0.00
WATKINRD_115KV_LN8_IL LION 55919	21.31 -0.17 0.00	19.33 -0.17 0.00	17.76 -0.16 0.00	19.27 -0.21 0.00	19.69 -0.19 0.00	18.77 -0.14 0.00	19.68 -0.09 0.00	22.71 -0.05 0.00	19.93 -0.03 0.00	18.29 -0.06 0.00	17.84 -0.05 0.00	16.16 -0.06 0.00	9.80 -0.05 0.00	12.75 -0.03 0.00	15.69 -0.08 0.00	16.36 -0.09 0.00	16.27 -0.09 0.00	18.66 -0.02 0.00	22.21 0.09 0.00	26.04 0.11 0.00	19.44 0.11 0.00	19.45 0.08 0.00	19.26 0.04 0.00	18.32 -0.02 0.00
WATSON___69_KV_BK 1 55734	22.34 0.86 0.00	20.26 0.77 0.00	18.65 0.73 0.00	20.20 0.72 0.00	20.61 0.73 0.00	19.64 0.73 0.00	20.73 0.95 0.00	24.24 1.48 0.00	21.16 1.20 0.00	19.48 1.14 0.00	19.09 1.20 0.00	17.34 1.12 0.00	10.48 0.64 0.00	13.62 0.85 0.00	16.77 1.00 0.00	17.45 1.00 0.00	17.51 1.14 0.00	19.89 1.21 0.00	23.57 1.45 0.00	27.80 1.87 0.00	20.74 1.41 0.00	20.82 1.44 0.00	20.60 1.38 0.00	19.67 1.33 0.00
WDELAWARE___HYD 323627	22.34 0.86 0.00	20.25 0.76 0.00	18.53 0.60 0.00	20.13 0.65 0.00	20.57 0.69 0.00	19.62 0.70 0.00	20.64 0.86 0.00	23.91 1.14 0.00	20.98 1.01 0.00	19.21 0.86 0.00	18.82 0.93 0.00	17.13 0.91 0.00	10.37 0.53 0.00	13.40 0.62 0.00	16.48 0.71 0.00	17.22 0.77 0.00	17.10 0.73 0.00	19.57 0.89 0.00	23.40 1.28 0.00	27.57 1.64 0.00	20.54 1.21 0.00	20.54 1.16 0.00	20.33 1.10 0.00	19.34 1.00 0.00
WEST BABYLON___IC 23714	22.32 0.84 0.00	20.24 0.75 0.00	18.61 0.68 0.00	20.15 0.68 0.00	20.57 0.69 0.00	19.61 0.69 0.00	20.68 0.90 0.00	24.15 1.39 0.00	21.11 1.15 0.00	19.42 1.08 0.00	19.04 1.15 0.00	17.29 1.07 0.00	10.46 0.61 0.00	13.59 0.82 0.00	16.73 0.96 0.00	17.42 0.97 0.00	17.45 1.09 0.00	19.86 1.18 0.00	23.54 1.42 0.00	27.73 1.81 0.00	20.70 1.36 0.00	20.76 1.39 0.00	20.55 1.33 0.00	19.61 1.27 0.00
WEST CANADA___HYD 24049	21.43 -0.05 0.00	19.46 -0.04 0.00	17.89 -0.04 0.00	19.44 -0.04 0.00	19.85 -0.03 0.00	18.90 -0.02 0.00	19.76 -0.02 0.00	22.76 0.00 0.00	19.96 0.00 0.00	18.34 0.00 0.00	17.90 0.01 0.00	16.24 0.02 0.00	9.85 0.01 0.00	12.79 0.02 0.00	15.78 0.01 0.00	16.45 0.00 0.00	16.36 0.00 0.00	18.70 0.02 0.00	22.15 0.03 0.00	25.98 0.05 0.00	19.37 0.04 0.00	19.40 0.02 0.00	19.24 0.02 0.00	18.36 0.01 0.00
WESTERN_NY_WIND 24143	21.17 -0.31 0.00	19.23 -0.26 0.00	17.81 -0.11 0.00	19.43 -0.05 0.00	19.81 -0.08 0.00	18.75 -0.17 0.00	19.51 -0.27 0.00	21.97 -0.80 0.00	19.28 -0.68 0.00	17.81 -0.53 0.00	17.31 -0.57 0.00	15.63 -0.59 0.00	9.35 -0.50 0.00	12.02 -0.75 0.00	14.67 -1.10 0.00	15.39 -1.07 0.00	15.38 -0.99 0.00	17.42 -1.27 0.00	20.49 -1.63 0.00	24.31 -1.62 0.00	18.11 -1.22 0.00	18.15 -1.23 0.00	18.12 -1.10 0.00	17.56 -0.78 0.00
WESTOVER___LESR 323668	21.57 0.09 0.00	19.52 0.03 0.00	17.97 0.05 0.00	19.57 0.10 0.00	19.95 0.07 0.00	18.98 0.06 0.00	19.88 0.10 0.00	22.82 0.05 0.00	19.98 0.02 0.00	18.36 0.01 0.00	17.93 0.05 0.00	16.21 -0.01 0.00	9.80 -0.05 0.00	12.68 -0.09 0.00	15.64 -0.13 0.00	16.31 -0.14 0.00	16.24 -0.12 0.00	18.47 -0.21 0.00	21.95 -0.17 0.00	25.81 -0.12 0.00	19.22 -0.11 0.00	19.24 -0.14 0.00	19.11 -0.11 0.00	18.23 -0.11 0.00
WETHRSFD_WT_PWR 323626	20.65 -0.83 0.00	18.73 -0.76 0.00	17.33 -0.60 0.00	19.00 -0.48 0.00	19.38 -0.50 0.00	18.38 -0.54 0.00	19.10 -0.68 0.00	21.43 -1.34 0.00	18.69 -1.27 0.00	17.25 -1.09 0.00	16.86 -1.02 0.00	15.34 -0.89 0.00	9.18 -0.66 0.00	11.76 -1.01 0.00	14.40 -1.37 0.00	15.07 -1.38 0.00	14.96 -1.41 0.00	16.85 -1.83 0.00	19.78 -2.34 0.00	23.50 -2.42 0.00	17.48 -1.85 0.00	17.40 -1.98 0.00	17.36 -1.87 0.00	16.88 -1.46 0.00
WHAVSTOR_138KV_BK127 55557	21.99 0.51 0.00	19.90 0.41 0.00	18.23 0.31 0.00	19.80 0.32 0.00	20.25 0.37 0.00	19.29 0.37 0.00	20.29 0.51 0.00	23.57 0.81 0.00	20.70 0.74 0.00	19.02 0.68 0.00	18.62 0.73 0.00	16.89 0.67 0.00	10.26 0.41 0.00	13.30 0.52 0.00	16.38 0.60 0.00	17.08 0.63 0.00	17.02 0.65 0.00	19.43 0.76 0.00	23.07 0.95 0.00	27.08 1.15 0.00	20.20 0.87 0.00	20.25 0.87 0.00	20.05 0.83 0.00	19.10 0.76 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.99 0.51 0.00	19.90 0.41 0.00	18.23 0.31 0.00	19.80 0.32 0.00	20.25 0.37 0.00	19.29 0.37 0.00	20.29 0.51 0.00	23.57 0.81 0.00	20.70 0.74 0.00	19.02 0.68 0.00	18.62 0.73 0.00	16.89 0.67 0.00	10.26 0.41 0.00	13.30 0.52 0.00	16.38 0.60 0.00	17.08 0.63 0.00	17.02 0.65 0.00	19.43 0.76 0.00	23.07 0.95 0.00	27.08 1.15 0.00	20.20 0.87 0.00	20.25 0.87 0.00	20.05 0.83 0.00	19.10 0.76 0.00

WHITEHAL_115KV_TB1 80871	22.15 0.67 0.00	20.26 0.77 0.00	18.66 0.74 0.00	20.29 0.81 0.00	20.75 0.87 0.00	19.83 0.92 0.00	20.78 1.00 0.00	23.96 1.20 0.00	20.96 1.00 0.00	19.11 0.76 0.00	18.49 0.60 0.00	16.65 0.43 0.00	10.18 0.33 0.00	13.46 0.69 0.00	16.52 0.75 0.00	17.29 0.84 0.00	17.13 0.76 0.00	19.85 1.17 0.00	23.60 1.48 0.00	27.41 1.48 0.00	20.45 1.12 0.00	20.54 1.16 0.00	20.43 1.21 0.00	19.41 1.07 0.00
WHITEPLN_13_KV_LOAD 356215	22.19 0.71 0.00	20.09 0.60 0.00	18.42 0.50 0.00	19.98 0.51 0.00	20.43 0.55 0.00	19.47 0.55 0.00	20.49 0.71 0.00	23.79 1.03 0.00	20.91 0.95 0.00	19.22 0.88 0.00	18.84 0.95 0.00	17.10 0.87 0.00	10.38 0.54 0.00	13.46 0.69 0.00	16.57 0.80 0.00	17.29 0.84 0.00	17.23 0.87 0.00	19.67 0.99 0.00	23.34 1.22 0.00	27.41 1.48 0.00	20.45 1.12 0.00	20.48 1.10 0.00	20.28 1.05 0.00	19.29 0.95 0.00
WM_FLOYD_69_KV_BK2 356380	22.07 0.59 0.00	20.03 0.54 0.00	18.49 0.57 0.00	20.01 0.54 0.00	20.42 0.53 0.00	19.46 0.54 0.00	20.55 0.77 0.00	24.15 1.39 0.00	21.01 1.05 0.00	19.38 1.03 0.00	18.97 1.08 0.00	17.24 1.02 0.00	10.41 0.57 0.00	13.53 0.76 0.00	16.67 0.90 0.00	17.32 0.87 0.00	17.40 1.03 0.00	19.66 0.98 0.00	23.29 1.17 0.00	27.54 1.61 0.00	20.54 1.21 0.00	20.65 1.27 0.00	20.42 1.20 0.00	19.51 1.17 0.00
WOODARD__115KV_TB2 355635	21.33 -0.16 0.00	19.36 -0.13 0.00	17.82 -0.10 0.00	19.38 -0.10 0.00	19.76 -0.12 0.00	18.80 -0.12 0.00	19.60 -0.18 0.00	22.50 -0.27 0.00	19.73 -0.23 0.00	18.16 -0.18 0.00	17.71 -0.17 0.00	16.06 -0.16 0.00	9.73 -0.12 0.00	12.59 -0.18 0.00	15.51 -0.26 0.00	16.17 -0.28 0.00	16.11 -0.25 0.00	18.38 -0.30 0.00	21.76 -0.36 0.00	25.56 -0.37 0.00	19.06 -0.27 0.00	19.08 -0.30 0.00	18.94 -0.29 0.00	18.10 -0.24 0.00
YORK__WARBASSE 23770	22.20 0.72 0.00	20.10 0.61 0.00	18.43 0.51 0.00	19.97 0.49 0.00	20.42 0.54 0.00	19.48 0.56 0.00	20.50 0.72 0.00	23.81 1.05 0.00	20.95 0.99 0.00	19.28 0.94 0.00	18.87 0.99 0.00	17.13 0.91 0.00	10.41 0.56 0.00	13.49 0.71 0.00	16.59 0.82 0.00	17.31 0.86 0.00	17.25 0.88 0.00	19.68 1.00 0.00	23.35 1.23 0.00	27.45 1.52 0.00	20.49 1.16 0.00	20.53 1.15 0.00	20.37 1.15 0.00	19.37 1.03 0.00