

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/14/2024

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	20.18	18.84	18.70	19.27	18.83	21.45	21.51	28.13	23.35	20.17	18.19	16.80	12.57	16.22	17.94	18.48	19.58	20.37	23.57	31.14	23.28	19.74	19.55	18.34
24138	0.32	0.28	0.22	0.26	0.32	0.50	0.60	1.20	0.89	0.82	0.81	0.66	0.63	0.82	0.86	0.88	0.87	0.81	0.97	1.41	1.01	0.79	0.69	0.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.47	-0.38	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	20.19	18.84	18.69	19.26	18.83	21.43	21.49	28.08	23.33	20.14	18.17	16.77	12.54	16.17	17.90	18.44	19.54	20.33	23.55	31.11	23.27	19.75	19.56	18.36
24260	0.32	0.28	0.21	0.25	0.32	0.48	0.58	1.15	0.87	0.79	0.79	0.63	0.60	0.77	0.82	0.84	0.83	0.78	0.94	1.37	1.00	0.79	0.70	0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.47	-0.38	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	20.19	18.84	18.69	19.26	18.83	21.43	21.49	28.08	23.33	20.14	18.17	16.77	12.54	16.17	17.90	18.44	19.54	20.33	23.55	31.11	23.27	19.75	19.56	18.36
24261	0.32	0.28	0.21	0.25	0.32	0.48	0.58	1.15	0.87	0.79	0.79	0.63	0.60	0.77	0.82	0.84	0.83	0.78	0.94	1.37	1.00	0.79	0.70	0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.47	-0.38	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	20.25	18.93	18.84	19.39	18.98	21.56	21.66	28.25	23.45	19.92	17.74	9.67	11.41	15.60	17.31	17.85	19.04	20.14	23.57	31.18	23.31	19.75	19.50	18.34
24011	0.38	0.37	0.36	0.38	0.47	0.61	0.75	1.32	0.99	0.57	0.36	0.19	0.18	0.21	0.22	0.25	0.33	0.59	0.96	1.45	1.04	0.80	0.64	0.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.18	0.34	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	20.29	18.97	18.88	19.43	19.03	21.65	21.77	28.44	23.64	20.03	17.80	9.73	11.42	15.63	17.33	17.89	19.09	20.26	23.77	31.44	23.51	19.90	19.61	18.44
23798	0.42	0.41	0.40	0.42	0.53	0.69	0.85	1.50	1.18	0.68	0.42	0.20	0.19	0.23	0.25	0.29	0.39	0.71	1.16	1.71	1.24	0.94	0.75	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.14	0.34	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	20.25	18.93	18.84	19.39	18.98	21.56	21.66	28.25	23.45	19.92	17.74	9.67	11.41	15.60	17.31	17.85	19.04	20.14	23.57	31.18	23.31	19.75	19.50	18.34
24028	0.38	0.37	0.36	0.38	0.47	0.61	0.75	1.32	0.99	0.57	0.36	0.19	0.18	0.21	0.22	0.25	0.33	0.59	0.96	1.45	1.04	0.80	0.64	0.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.18	0.34	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	19.96	18.67	18.59	19.13	18.70	21.10	21.07	27.46	22.74	19.35	17.34	5.66	10.77	15.34	17.02	17.52	18.58	19.41	22.69	30.08	22.59	19.32	19.09	18.00
23527	0.10	0.11	0.11	0.11	0.19	0.15	0.16	0.52	0.27	0.00	-0.04	-0.03	-0.05	-0.06	-0.07	-0.07	-0.13	-0.14	0.09	0.35	0.32	0.37	0.23	0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.98	0.76	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	19.99	18.71	18.66	19.22	18.76	21.24	21.22	27.57	22.88	19.59	17.60	9.87	11.39	15.59	17.28	17.80	18.90	19.77	22.98	30.36	22.75	19.38	19.21	18.10
24190	0.13	0.15	0.19	0.21	0.25	0.29	0.31	0.64	0.42	0.24	0.22	0.17	0.14	0.19	0.20	0.20	0.19	0.22	0.38	0.63	0.48	0.42	0.35	0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.97	0.32	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	20.09	18.79	18.69	19.22	18.69	21.10	21.04	26.90	22.51	19.46	17.49	12.73	11.62	15.48	17.20	17.71	18.88	19.75	22.75	29.80	22.34	18.99	18.92	17.96
355683	0.22	0.22	0.21	0.21	0.19	0.15	0.13	-0.03	0.05	0.11	0.11	0.07	0.05	0.08	0.12	0.12	0.17	0.19	0.15	0.06	0.07	0.03	0.06	0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.90	18.86	18.85	19.41	18.92	21.40	21.39	27.74	23.01	19.68	17.63	11.07	11.53	15.60	17.21	17.65	18.76	19.81	23.13	30.58	22.89	19.50	19.33	18.22
323833	0.04	0.30	0.37	0.40	0.42	0.45	0.48	0.80	0.55	0.33	0.25	0.20	0.15	0.20	0.13	0.05	0.06	0.26	0.52	0.85	0.62	0.54	0.47	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.79	0.19	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	19.90	18.86	18.84	19.41	18.92	21.39	21.38	27.73	23.00	19.67	17.63	11.08	11.53	15.60	17.21	17.65	18.76	19.81	23.12	30.56	22.89	19.50	19.33	18.22
323834	0.03	0.29	0.36	0.40	0.42	0.44	0.47	0.80	0.54	0.32	0.25	0.20	0.15	0.20	0.13	0.05	0.06	0.26	0.52	0.83	0.62	0.54	0.47	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.79	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	19.99	18.71	18.66	19.22	18.76	21.24	21.22	27.57	22.88	19.59	17.60	9.87	11.39	15.59	17.28	17.80	18.90	19.77	22.98	30.36	22.75	19.38	19.21	18.10
23571	0.13	0.15	0.19	0.21	0.25	0.29	0.31	0.64	0.42	0.24	0.22	0.17	0.14	0.19	0.20	0.20	0.19	0.22	0.38	0.63	0.48	0.42	0.35	0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.97	0.32	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	19.99 0.13 0.00	18.71 0.15 0.00	18.66 0.19 0.00	19.22 0.21 0.00	18.76 0.25 0.00	21.24 0.29 0.00	21.22 0.31 0.00	27.57 0.64 0.00	22.88 0.42 0.00	19.59 0.24 0.00	17.60 0.22 0.00	9.87 0.17 2.97	11.39 0.14 0.32	15.59 0.19 0.00	17.28 0.20 0.00	17.80 0.20 0.00	18.90 0.19 0.00	19.77 0.22 0.00	22.98 0.38 0.00	30.36 0.63 0.00	22.75 0.48 0.00	19.38 0.42 0.00	19.21 0.35 0.00	18.10 0.31 0.00
ALBANY___3 23573	19.99 0.13 0.00	18.71 0.15 0.00	18.66 0.19 0.00	19.22 0.21 0.00	18.76 0.25 0.00	21.24 0.29 0.00	21.22 0.31 0.00	27.57 0.64 0.00	22.88 0.42 0.00	19.59 0.24 0.00	17.60 0.22 0.00	9.87 0.17 2.97	11.39 0.14 0.32	15.59 0.19 0.00	17.28 0.20 0.00	17.80 0.20 0.00	18.90 0.19 0.00	19.77 0.22 0.00	22.98 0.38 0.00	30.36 0.63 0.00	22.75 0.48 0.00	19.38 0.42 0.00	19.21 0.35 0.00	18.10 0.31 0.00
ALBANY___4 23574	19.99 0.13 0.00	18.71 0.15 0.00	18.66 0.19 0.00	19.22 0.21 0.00	18.76 0.25 0.00	21.24 0.29 0.00	21.22 0.31 0.00	27.57 0.64 0.00	22.88 0.42 0.00	19.59 0.24 0.00	17.60 0.22 0.00	9.87 0.17 2.97	11.39 0.14 0.32	15.59 0.19 0.00	17.28 0.20 0.00	17.80 0.20 0.00	18.90 0.19 0.00	19.77 0.22 0.00	22.98 0.38 0.00	30.36 0.63 0.00	22.75 0.48 0.00	19.38 0.42 0.00	19.21 0.35 0.00	18.10 0.31 0.00
ALBANY___LFGE 323615	20.10 0.23 0.00	18.80 0.24 0.00	18.76 0.28 0.00	19.31 0.30 0.00	18.85 0.35 0.00	21.34 0.39 0.00	21.33 0.43 0.00	27.74 0.80 0.00	23.01 0.55 0.00	19.70 0.35 0.00	17.69 0.31 0.00	9.66 0.23 3.24	11.42 0.20 0.35	15.67 0.27 0.00	17.37 0.29 0.00	17.89 0.30 0.00	19.01 0.31 0.00	19.89 0.34 0.00	23.12 0.52 0.00	30.54 0.81 0.00	22.88 0.61 0.00	19.49 0.53 0.00	19.31 0.45 0.00	18.20 0.40 0.00
ALCOA_PA_115KV_PL-6C 55860	20.13 0.27 0.00	18.84 0.27 0.00	18.73 0.25 0.00	19.27 0.26 0.00	18.75 0.24 0.00	21.17 0.22 0.00	21.12 0.21 0.00	27.00 0.06 0.00	22.58 0.12 0.00	19.49 0.14 0.00	17.51 0.13 0.00	12.74 0.07 0.00	11.63 0.06 0.00	15.49 0.10 0.00	17.22 0.14 0.00	17.74 0.15 0.00	18.92 0.22 0.00	19.81 0.26 0.00	22.83 0.22 0.00	29.90 0.17 0.00	22.40 0.12 0.00	19.03 0.07 0.00	18.95 0.09 0.00	17.99 0.20 0.00
ALCOA_RYNLDS___DRP 24188	20.13 0.27 0.00	18.84 0.27 0.00	18.73 0.25 0.00	19.27 0.26 0.00	18.75 0.24 0.00	21.17 0.22 0.00	21.12 0.21 0.00	27.00 0.06 0.00	22.58 0.12 0.00	19.49 0.14 0.00	17.51 0.13 0.00	12.74 0.07 0.00	11.63 0.06 0.00	15.49 0.10 0.00	17.22 0.14 0.00	17.74 0.15 0.00	18.92 0.22 0.00	19.81 0.26 0.00	22.83 0.22 0.00	29.90 0.17 0.00	22.40 0.12 0.00	19.03 0.07 0.00	18.95 0.09 0.00	17.99 0.20 0.00
ALCOA___DSASP 323711	20.13 0.27 0.00	18.84 0.27 0.00	18.73 0.25 0.00	19.27 0.26 0.00	18.75 0.24 0.00	21.17 0.22 0.00	21.12 0.21 0.00	27.00 0.06 0.00	22.58 0.12 0.00	19.49 0.14 0.00	17.51 0.12 0.00	12.74 0.07 0.00	11.63 0.06 0.00	15.49 0.10 0.00	17.22 0.14 0.00	17.74 0.15 0.00	18.92 0.22 0.00	19.81 0.26 0.00	22.83 0.22 0.00	29.90 0.17 0.00	22.40 0.12 0.00	19.03 0.07 0.00	18.95 0.09 0.00	17.99 0.20 0.00
ALLEGHENY___COGEN 23514	20.32 0.45 0.00	18.95 0.38 0.00	18.86 0.38 0.00	19.45 0.44 0.00	18.92 0.41 0.00	21.75 0.80 0.00	21.73 0.82 0.00	27.84 0.91 0.00	22.98 0.52 0.00	19.48 0.12 0.00	17.27 -0.11 0.00	12.63 -0.04 0.00	11.55 -0.03 0.00	15.33 -0.07 0.00	17.02 -0.07 0.00	17.74 0.14 0.00	19.01 0.30 0.00	19.97 0.41 0.00	22.87 0.27 0.00	30.00 0.27 0.00	22.16 -0.11 0.00	19.02 0.07 0.00	19.14 0.28 0.00	18.01 0.21 0.00
ALTAMONT_115KV_TB 2 55880	19.93 0.07 0.00	18.66 0.10 0.00	18.60 0.12 0.00	19.14 0.13 0.00	18.67 0.17 0.00	21.16 0.21 0.00	21.15 0.24 0.00	27.44 0.50 0.00	22.79 0.33 0.00	19.53 0.18 0.00	17.54 0.16 0.00	12.79 0.12 0.00	11.68 0.10 0.00	15.53 0.13 0.00	17.22 0.14 0.00	17.73 0.14 0.00	18.83 0.13 0.00	19.72 0.17 0.00	22.91 0.30 0.00	30.25 0.52 0.00	22.66 0.39 0.00	19.28 0.32 0.00	19.12 0.26 0.00	18.02 0.22 0.00
ALTONA_WT_PWR 323606	20.53 0.67 0.00	19.15 0.58 0.00	18.96 0.48 0.00	19.50 0.48 0.00	18.92 0.41 0.00	21.22 0.27 0.00	21.19 0.28 0.00	27.30 0.37 0.00	22.80 0.34 0.00	19.66 0.31 0.00	17.71 0.33 0.00	12.89 0.22 0.00	11.76 0.19 0.00	15.61 0.21 0.00	17.36 0.27 0.00	17.93 0.33 0.00	19.18 0.48 0.00	20.19 0.63 0.00	23.31 0.71 0.00	30.55 0.82 0.00	22.89 0.62 0.00	19.38 0.42 0.00	19.13 0.27 0.00	18.09 0.30 0.00
AMERICAN_REF_FUEL 24010	18.93 -0.94 0.00	17.61 -0.96 0.00	17.53 -0.95 0.00	18.08 -0.93 0.00	17.50 -1.01 0.00	19.96 -0.99 0.00	19.54 -1.37 0.00	24.41 -2.53 0.00	20.37 -2.09 0.00	17.98 -1.38 0.00	16.08 -1.30 0.00	11.71 -0.95 0.00	10.67 -0.91 0.00	14.20 -1.20 0.00	15.78 -1.30 0.00	16.19 -1.40 0.00	17.20 -1.51 0.00	17.88 -1.68 0.00	20.24 -2.37 0.00	26.44 -3.29 0.00	19.58 -2.69 0.00	16.89 -2.07 0.00	17.54 -1.32 0.00	16.96 -0.83 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.92 0.05 0.00	18.49 -0.07 0.00	18.40 -0.08 0.00	18.98 -0.03 0.00	18.40 -0.11 0.00	21.12 0.17 0.00	20.73 -0.17 0.00	26.27 -0.67 0.00	21.92 -0.54 0.00	19.29 -0.05 0.00	17.16 -0.21 0.00	12.51 -0.16 0.00	11.42 -0.15 0.00	15.19 -0.20 0.00	16.95 -0.13 0.00	17.39 -0.20 0.00	18.36 -0.34 0.00	18.93 -0.62 0.00	21.36 -1.24 0.00	27.66 -2.07 0.00	20.08 -2.19 0.00	17.33 -1.62 0.00	17.75 -1.11 0.00	17.55 -0.25 0.00
ARTHUR KILL_GT_1 23520	20.17 0.30 0.00	18.76 0.20 0.00	18.62 0.13 0.00	19.16 0.14 0.00	18.74 0.23 0.00	21.32 0.37 0.00	21.34 0.43 0.00	27.88 0.95 0.00	23.30 0.84 0.00	20.08 0.73 0.00	18.09 0.71 0.00	16.72 0.58 -3.47	12.46 0.52 -0.37	16.07 0.67 0.00	17.82 0.73 0.00	18.34 0.75 0.00	19.43 0.72 0.00	20.23 0.67 0.00	23.44 0.84 0.83	30.15 1.26 0.00	23.18 0.91 0.00	19.70 0.75 0.00	19.55 0.69 0.00	18.38 0.58 0.00
ARTHUR_KILL_2 23512	20.12 0.25 0.00	18.71 0.15 0.00	18.56 0.08 0.00	19.11 0.09 0.00	18.69 0.19 0.00	21.26 0.31 0.00	21.28 0.37 0.00	27.80 0.87 0.00	23.23 0.77 0.00	20.03 0.68 0.00	18.04 0.67 0.00	16.69 0.54 -3.47	12.44 0.50 -0.37	16.04 0.64 0.00	17.78 0.70 0.00	18.31 0.71 0.00	19.39 0.68 0.00	20.17 0.62 0.00	23.38 0.78 0.00	30.06 1.17 0.83	23.11 0.84 0.00	19.65 0.70 0.00	19.50 0.64 0.00	18.33 0.53 0.00
ARTHUR_KILL_3 23513	19.96 0.10 0.00	18.65 0.09 0.00	18.50 0.02 0.00	19.05 0.04 0.00	18.63 0.13 0.00	21.21 0.26 0.00	21.24 0.33 0.00	27.76 0.82 0.00	23.04 0.58 0.00	19.90 0.54 0.00	17.94 0.56 0.00	16.62 0.48 -3.47	12.40 0.45 -0.38	15.99 0.59 0.00	17.69 0.61 0.00	18.22 0.62 0.00	19.30 0.60 0.00	20.08 0.52 0.00	23.25 0.65 0.00	30.65 0.99 0.07	22.99 0.72 0.00	19.51 0.56 0.00	19.33 0.47 0.00	18.15 0.35 0.00

ARTHUR_KILL_COGEN 323718	20.17 0.30 0.00	18.76 0.20 0.00	18.62 0.13 0.00	19.16 0.14 0.00	18.74 0.23 0.00	21.32 0.37 0.00	21.34 0.43 0.00	27.88 0.95 0.00	23.30 0.84 0.00	20.08 0.73 0.00	18.09 0.71 0.00	16.72 0.58 -3.47	12.46 0.52 -0.37	16.07 0.67 0.00	17.82 0.73 0.00	18.34 0.75 0.00	19.43 0.72 0.00	20.23 0.67 0.00	23.44 0.84 0.00	30.15 1.26 0.83	23.18 0.91 0.00	19.70 0.75 0.00	19.55 0.69 0.00	18.38 0.58 0.00
ASHOKAN____ 23654	20.23 0.36 0.00	18.95 0.38 0.00	18.92 0.44 0.00	19.49 0.48 0.00	19.02 0.52 0.00	21.50 0.55 0.00	21.60 0.69 0.00	28.13 1.20 0.00	23.34 0.87 0.00	19.79 0.44 0.00	17.66 0.28 0.00	12.90 0.23 0.00	11.65 0.08 0.00	15.49 0.09 0.00	17.21 0.12 0.00	17.79 0.20 0.00	18.94 0.23 0.00	19.98 0.43 0.00	23.47 0.86 0.00	31.12 1.39 0.00	23.30 1.03 0.00	19.81 0.85 0.00	19.57 0.71 0.00	18.40 0.60 0.00
ASTORIA_EAST_ENERGY_CC1 323581	20.06 0.20 0.00	18.79 0.22 0.00	18.64 0.17 0.00	19.18 0.17 0.00	18.75 0.25 0.00	21.32 0.37 0.00	21.41 0.50 0.00	27.92 0.99 0.00	23.24 0.78 0.00	20.05 0.70 0.00	18.08 0.70 0.00	16.71 0.57 -3.47	12.48 0.53 -0.38	16.08 0.69 0.00	17.81 0.72 0.00	18.33 0.74 0.00	19.41 0.70 0.00	20.21 0.66 0.00	23.39 0.79 0.00	30.92 1.19 0.00	23.17 0.90 0.00	19.69 0.73 0.00	19.48 0.63 0.00	18.32 0.53 0.00
ASTORIA_EAST_ENERGY_CC2 323582	20.07 0.20 0.00	18.79 0.22 0.00	18.64 0.16 0.00	19.18 0.17 0.00	18.75 0.25 0.00	21.32 0.37 0.00	21.41 0.50 0.00	27.92 0.99 0.00	23.24 0.78 0.00	20.05 0.70 0.00	18.08 0.70 0.00	16.71 0.57 -3.47	12.48 0.53 -0.38	16.08 0.68 0.00	17.81 0.72 0.00	18.33 0.74 0.00	19.41 0.70 0.00	20.22 0.66 0.00	23.39 0.79 0.00	30.92 1.19 0.00	23.17 0.90 0.00	19.69 0.73 0.00	19.48 0.63 0.00	18.33 0.53 0.00
ASTORIA_GT2_1 24094	20.08 0.21 0.00	18.80 0.23 0.00	18.65 0.17 0.00	19.19 0.17 0.00	18.76 0.25 0.00	21.33 0.38 0.00	21.42 0.51 0.00	27.93 1.00 0.00	23.25 0.79 0.00	20.05 0.69 0.00	18.09 0.71 0.00	16.72 0.57 -3.47	12.48 0.54 -0.38	16.09 0.69 0.00	17.82 0.73 0.00	18.32 0.73 0.00	19.41 0.71 0.00	20.23 0.67 0.00	23.41 0.81 0.00	30.94 1.21 0.00	23.19 0.92 0.00	19.69 0.74 0.00	19.48 0.62 0.00	18.33 0.53 0.00
ASTORIA_GT2_2 24095	20.08 0.21 0.00	18.80 0.23 0.00	18.65 0.17 0.00	19.19 0.17 0.00	18.76 0.25 0.00	21.33 0.38 0.00	21.42 0.51 0.00	27.93 1.00 0.00	23.25 0.79 0.00	20.05 0.69 0.00	18.09 0.71 0.00	16.72 0.57 -3.47	12.48 0.54 -0.38	16.09 0.69 0.00	17.82 0.73 0.00	18.32 0.73 0.00	19.41 0.71 0.00	20.23 0.67 0.00	23.41 0.81 0.00	30.94 1.21 0.00	23.19 0.92 0.00	19.69 0.74 0.00	19.48 0.62 0.00	18.33 0.53 0.00
ASTORIA_GT2_3 24096	20.08 0.21 0.00	18.80 0.23 0.00	18.65 0.17 0.00	19.19 0.17 0.00	18.76 0.25 0.00	21.33 0.38 0.00	21.42 0.51 0.00	27.93 1.00 0.00	23.25 0.79 0.00	20.05 0.69 0.00	18.09 0.71 0.00	16.72 0.57 -3.47	12.48 0.54 -0.38	16.09 0.69 0.00	17.82 0.73 0.00	18.32 0.73 0.00	19.41 0.71 0.00	20.23 0.67 0.00	23.41 0.81 0.00	30.94 1.21 0.00	23.19 0.92 0.00	19.69 0.74 0.00	19.48 0.62 0.00	18.33 0.53 0.00
ASTORIA_GT2_4 24097	20.08 0.21 0.00	18.80 0.23 0.00	18.65 0.17 0.00	19.19 0.17 0.00	18.76 0.25 0.00	21.33 0.38 0.00	21.42 0.51 0.00	27.93 1.00 0.00	23.25 0.79 0.00	20.05 0.69 0.00	18.09 0.71 0.00	16.72 0.57 -3.47	12.48 0.54 -0.38	16.09 0.69 0.00	17.82 0.73 0.00	18.32 0.73 0.00	19.41 0.71 0.00	20.23 0.67 0.00	23.41 0.81 0.00	30.94 1.21 0.00	23.19 0.92 0.00	19.69 0.74 0.00	19.48 0.62 0.00	18.33 0.53 0.00
ASTORIA_GT3_1 24098	20.08 0.21 0.00	18.80 0.23 0.00	18.65 0.17 0.00	19.19 0.17 0.00	18.76 0.25 0.00	21.33 0.38 0.00	21.42 0.51 0.00	27.93 1.00 0.00	23.25 0.79 0.00	20.05 0.69 0.00	18.09 0.71 0.00	16.72 0.57 -3.47	12.48 0.54 -0.38	16.09 0.69 0.00	17.82 0.73 0.00	18.32 0.73 0.00	19.41 0.71 0.00	20.23 0.67 0.00	23.41 0.81 0.00	30.94 1.21 0.00	23.19 0.92 0.00	19.69 0.74 0.00	19.48 0.62 0.00	18.33 0.53 0.00
ASTORIA_GT3_2 24099	20.08 0.21 0.00	18.80 0.23 0.00	18.65 0.17 0.00	19.19 0.17 0.00	18.76 0.25 0.00	21.33 0.38 0.00	21.42 0.51 0.00	27.93 1.00 0.00	23.25 0.79 0.00	20.05 0.69 0.00	18.09 0.71 0.00	16.72 0.57 -3.47	12.48 0.54 -0.38	16.09 0.69 0.00	17.82 0.73 0.00	18.32 0.73 0.00	19.41 0.71 0.00	20.23 0.67 0.00	23.41 0.81 0.00	30.94 1.21 0.00	23.19 0.92 0.00	19.69 0.74 0.00	19.48 0.62 0.00	18.33 0.53 0.00
ASTORIA_GT3_3 24100	20.08 0.21 0.00	18.80 0.23 0.00	18.65 0.17 0.00	19.19 0.17 0.00	18.76 0.25 0.00	21.33 0.38 0.00	21.42 0.51 0.00	27.93 1.00 0.00	23.25 0.79 0.00	20.05 0.69 0.00	18.09 0.71 0.00	16.72 0.57 -3.47	12.48 0.54 -0.38	16.09 0.69 0.00	17.82 0.73 0.00	18.32 0.73 0.00	19.41 0.71 0.00	20.23 0.67 0.00	23.41 0.81 0.00	30.94 1.21 0.00	23.19 0.92 0.00	19.69 0.74 0.00	19.48 0.62 0.00	18.33 0.53 0.00
ASTORIA_GT3_4 24101	20.08 0.21 0.00	18.80 0.23 0.00	18.65 0.17 0.00	19.19 0.17 0.00	18.76 0.25 0.00	21.33 0.38 0.00	21.42 0.51 0.00	27.93 1.00 0.00	23.25 0.79 0.00	20.05 0.69 0.00	18.09 0.71 0.00	16.72 0.57 -3.47	12.48 0.54 -0.38	16.09 0.69 0.00	17.82 0.73 0.00	18.32 0.73 0.00	19.41 0.71 0.00	20.23 0.67 0.00	23.41 0.81 0.00	30.94 1.21 0.00	23.19 0.92 0.00	19.69 0.74 0.00	19.48 0.62 0.00	18.33 0.53 0.00
ASTORIA_GT4_1 24102	20.08 0.21 0.00	18.80 0.23 0.00	18.65 0.17 0.00	19.19 0.17 0.00	18.76 0.25 0.00	21.33 0.38 0.00	21.42 0.51 0.00	27.93 1.00 0.00	23.25 0.79 0.00	20.05 0.69 0.00	18.09 0.71 0.00	16.72 0.57 -3.47	12.48 0.54 -0.38	16.09 0.69 0.00	17.82 0.73 0.00	18.32 0.73 0.00	19.41 0.71 0.00	20.23 0.67 0.00	23.41 0.81 0.00	30.94 1.21 0.00	23.19 0.92 0.00	19.69 0.74 0.00	19.48 0.62 0.00	18.33 0.53 0.00
ASTORIA_GT4_2 24103	20.08 0.21 0.00	18.80 0.23 0.00	18.65 0.17 0.00	19.19 0.17 0.00	18.76 0.25 0.00	21.33 0.38 0.00	21.42 0.51 0.00	27.93 1.00 0.00	23.25 0.79 0.00	20.05 0.69 0.00	18.09 0.71 0.00	16.72 0.57 -3.47	12.48 0.54 -0.38	16.09 0.69 0.00	17.82 0.73 0.00	18.32 0.73 0.00	19.41 0.71 0.00	20.23 0.67 0.00	23.41 0.81 0.00	30.94 1.21 0.00	23.19 0.92 0.00	19.69 0.74 0.00	19.48 0.62 0.00	18.33 0.53 0.00
ASTORIA_GT4_3 24104	20.08 0.21 0.00	18.80 0.23 0.00	18.65 0.17 0.00	19.19 0.17 0.00	18.76 0.25 0.00	21.33 0.38 0.00	21.42 0.51 0.00	27.93 1.00 0.00	23.25 0.79 0.00	20.05 0.69 0.00	18.09 0.71 0.00	16.72 0.57 -3.47	12.48 0.54 -0.38	16.09 0.69 0.00	17.82 0.73 0.00	18.32 0.73 0.00	19.41 0.71 0.00	20.23 0.67 0.00	23.41 0.81 0.00	30.94 1.21 0.00	23.19 0.92 0.00	19.69 0.74 0.00	19.48 0.62 0.00	18.33 0.53 0.00

ASTORIA_GT4_4 24105	20.08 0.21 0.00	18.80 0.23 0.00	18.65 0.17 0.00	19.19 0.17 0.00	18.76 0.25 0.00	21.33 0.38 0.00	21.42 0.51 0.00	27.93 1.00 0.00	23.25 0.79 0.00	20.05 0.69 0.00	18.09 0.71 0.00	16.72 0.57 -3.47	12.48 0.54 -0.38	16.09 0.69 0.00	17.82 0.73 0.00	18.32 0.73 0.00	19.41 0.71 0.00	20.23 0.67 0.00	23.41 0.81 0.00	30.94 1.21 0.00	23.19 0.92 0.00	19.69 0.74 0.00	19.48 0.62 0.00	18.33 0.53 0.00
ASTORIA_GT_1 23523	20.10 0.24 0.00	18.82 0.26 0.00	18.67 0.19 0.00	19.21 0.20 0.00	18.78 0.28 0.00	21.36 0.41 0.00	21.45 0.54 0.00	27.99 1.05 0.00	23.29 0.83 0.00	20.10 0.75 0.00	18.12 0.74 0.00	16.74 0.60 -3.47	12.51 0.56 -0.38	16.12 0.72 0.00	17.84 0.76 0.00	18.37 0.78 0.00	19.45 0.74 0.00	20.26 0.71 0.00	23.45 0.85 0.00	30.99 1.26 0.00	23.22 0.95 0.00	19.73 0.77 0.00	19.52 0.67 0.00	18.36 0.56 0.00
ASTORIA_GT_10 24110	20.06 0.19 0.00	18.73 0.16 0.00	18.58 0.10 0.00	19.14 0.12 0.00	18.70 0.20 0.00	21.30 0.35 0.00	21.36 0.45 0.00	27.91 0.97 0.00	23.22 0.76 0.00	20.04 0.68 0.00	18.07 0.70 0.00	16.71 0.57 -3.47	12.50 0.55 -0.38	16.10 0.70 0.00	17.80 0.72 0.00	18.33 0.74 0.00	19.42 0.72 0.00	20.22 0.67 0.00	23.42 0.82 0.00	30.94 1.20 0.00	23.14 0.87 0.00	19.64 0.69 0.00	19.45 0.59 0.00	18.26 0.47 0.00
ASTORIA_GT_11 24225	20.06 0.19 0.00	18.73 0.16 0.00	18.58 0.10 0.00	19.14 0.12 0.00	18.70 0.20 0.00	21.30 0.35 0.00	21.36 0.45 0.00	27.91 0.97 0.00	23.22 0.76 0.00	20.04 0.68 0.00	18.07 0.70 0.00	16.71 0.57 -3.47	12.50 0.55 -0.38	16.10 0.70 0.00	17.80 0.72 0.00	18.33 0.74 0.00	19.42 0.72 0.00	20.22 0.67 0.00	23.42 0.82 0.00	30.94 1.20 0.00	23.14 0.87 0.00	19.64 0.69 0.00	19.45 0.59 0.00	18.26 0.47 0.00
ASTORIA_GT_12 24226	20.06 0.19 0.00	18.73 0.16 0.00	18.58 0.10 0.00	19.14 0.12 0.00	18.70 0.20 0.00	21.30 0.35 0.00	21.36 0.45 0.00	27.91 0.97 0.00	23.22 0.76 0.00	20.04 0.68 0.00	18.07 0.70 0.00	16.71 0.57 -3.47	12.50 0.55 -0.38	16.10 0.70 0.00	17.80 0.72 0.00	18.33 0.74 0.00	19.42 0.72 0.00	20.22 0.67 0.00	23.42 0.82 0.00	30.94 1.20 0.00	23.14 0.87 0.00	19.64 0.69 0.00	19.45 0.59 0.00	18.26 0.47 0.00
ASTORIA_GT_13 24227	20.06 0.19 0.00	18.73 0.16 0.00	18.58 0.10 0.00	19.14 0.12 0.00	18.70 0.20 0.00	21.30 0.35 0.00	21.36 0.45 0.00	27.91 0.97 0.00	23.22 0.76 0.00	20.04 0.68 0.00	18.07 0.70 0.00	16.71 0.57 -3.47	12.50 0.55 -0.38	16.10 0.70 0.00	17.80 0.72 0.00	18.33 0.74 0.00	19.42 0.72 0.00	20.22 0.67 0.00	23.42 0.82 0.00	30.94 1.20 0.00	23.14 0.87 0.00	19.64 0.69 0.00	19.45 0.59 0.00	18.26 0.47 0.00
ASTORIA_GT_5 24106	20.11 0.24 0.00	18.83 0.26 0.00	18.67 0.19 0.00	19.21 0.20 0.00	18.78 0.28 0.00	21.36 0.41 0.00	21.45 0.54 0.00	27.98 1.05 0.00	23.29 0.83 0.00	20.08 0.73 0.00	18.12 0.75 0.00	16.74 0.60 -3.47	12.51 0.56 -0.38	16.12 0.72 0.00	17.84 0.76 0.00	18.35 0.76 0.00	19.45 0.74 0.00	20.26 0.71 0.00	23.45 0.85 0.00	30.99 1.26 0.00	23.22 0.95 0.00	19.73 0.77 0.00	19.51 0.65 0.00	18.36 0.56 0.00
ASTORIA_GT_7 24107	20.11 0.24 0.00	18.83 0.26 0.00	18.67 0.19 0.00	19.21 0.20 0.00	18.78 0.28 0.00	21.36 0.41 0.00	21.45 0.54 0.00	27.98 1.05 0.00	23.29 0.83 0.00	20.08 0.73 0.00	18.12 0.75 0.00	16.74 0.60 -3.47	12.51 0.56 -0.38	16.12 0.72 0.00	17.84 0.76 0.00	18.35 0.76 0.00	19.45 0.74 0.00	20.26 0.71 0.00	23.45 0.85 0.00	30.99 1.26 0.00	23.22 0.95 0.00	19.73 0.77 0.00	19.51 0.65 0.00	18.36 0.56 0.00
ASTORIA_GT_8 24108	20.11 0.24 0.00	18.83 0.26 0.00	18.67 0.19 0.00	19.21 0.20 0.00	18.78 0.28 0.00	21.36 0.41 0.00	21.45 0.54 0.00	27.98 1.05 0.00	23.29 0.83 0.00	20.08 0.73 0.00	18.12 0.75 0.00	16.74 0.60 -3.47	12.51 0.56 -0.38	16.12 0.72 0.00	17.84 0.76 0.00	18.35 0.76 0.00	19.45 0.74 0.00	20.26 0.71 0.00	23.45 0.85 0.00	30.99 1.26 0.00	23.22 0.95 0.00	19.73 0.77 0.00	19.51 0.65 0.00	18.36 0.56 0.00
ASTORIA___2 24149	20.08 0.21 0.00	18.79 0.23 0.00	18.64 0.17 0.00	19.19 0.17 0.00	18.76 0.25 0.00	21.33 0.38 0.00	21.42 0.51 0.00	27.93 1.00 0.00	23.25 0.79 0.00	20.06 0.71 0.00	18.08 0.70 0.00	16.72 0.58 -3.47	12.48 0.54 -0.38	16.09 0.69 0.00	17.81 0.73 0.00	18.34 0.75 0.00	19.41 0.71 0.00	20.23 0.67 0.00	23.41 0.81 0.00	30.94 1.21 0.00	23.18 0.91 0.00	19.69 0.73 0.00	19.49 0.63 0.00	18.33 0.53 0.00
ASTORIA___3 23516	20.06 0.19 0.00	18.73 0.16 0.00	18.58 0.10 0.00	19.14 0.12 0.00	18.70 0.20 0.00	21.30 0.35 0.00	21.36 0.45 0.00	27.90 0.97 0.00	23.22 0.76 0.00	20.04 0.69 0.00	18.07 0.69 0.00	16.72 0.58 -3.47	12.50 0.55 -0.38	16.10 0.70 0.00	17.80 0.72 0.00	18.34 0.75 0.00	19.42 0.72 0.00	20.22 0.67 0.00	23.42 0.82 0.00	30.94 1.20 0.00	23.14 0.87 0.00	19.64 0.69 0.00	19.45 0.59 0.00	18.26 0.47 0.00
ASTORIA___4 23517	20.06 0.19 0.00	18.73 0.16 0.00	18.58 0.10 0.00	19.14 0.12 0.00	18.70 0.20 0.00	21.30 0.35 0.00	21.36 0.45 0.00	27.90 0.97 0.00	23.22 0.76 0.00	20.04 0.68 0.00	18.07 0.70 0.00	16.71 0.57 -3.47	12.50 0.55 -0.38	16.10 0.70 0.00	17.80 0.72 0.00	18.33 0.74 0.00	19.42 0.72 0.00	20.22 0.67 0.00	23.42 0.82 0.00	30.94 1.20 0.00	23.14 0.87 0.00	19.64 0.69 0.00	19.45 0.59 0.00	18.26 0.47 0.00
ASTORIA___5 23518	20.06 0.19 0.00	18.73 0.16 0.00	18.58 0.10 0.00	19.14 0.12 0.00	18.70 0.20 0.00	21.30 0.35 0.00	21.36 0.45 0.00	27.90 0.97 0.00	23.22 0.76 0.00	20.04 0.69 0.00	18.07 0.69 0.00	16.72 0.58 -3.47	12.50 0.55 -0.38	16.10 0.70 0.00	17.80 0.72 0.00	18.34 0.75 0.00	19.42 0.72 0.00	20.22 0.67 0.00	23.42 0.82 0.00	30.94 1.20 0.00	23.14 0.87 0.00	19.64 0.69 0.00	19.45 0.59 0.00	18.26 0.47 0.00
AST_ENERGY_2_CC3 323677	20.04 0.17 0.00	18.71 0.15 0.00	18.56 0.09 0.00	19.13 0.11 0.00	18.70 0.19 0.00	21.28 0.33 0.00	21.32 0.41 0.00	27.86 0.92 0.00	23.13 0.67 0.00	19.97 0.62 0.00	18.01 0.63 0.00	16.68 0.54 -3.47	12.45 0.51 -0.38	16.06 0.66 0.00	17.76 0.68 0.00	18.29 0.69 0.00	19.38 0.67 0.00	20.16 0.61 0.00	23.34 0.74 0.00	30.83 1.10 0.00	23.08 0.81 0.00	19.59 0.64 0.00	19.40 0.55 0.00	18.22 0.42 0.00
AST_ENERGY_2_CC4 323678	20.04 0.17 0.00	18.71 0.15 0.00	18.56 0.09 0.00	19.13 0.11 0.00	18.70 0.19 0.00	21.28 0.33 0.00	21.32 0.41 0.00	27.86 0.92 0.00	23.13 0.67 0.00	19.97 0.62 0.00	18.01 0.63 0.00	16.68 0.54 -3.47	12.45 0.51 -0.38	16.06 0.66 0.00	17.76 0.68 0.00	18.29 0.69 0.00	19.38 0.67 0.00	20.16 0.61 0.00	23.34 0.74 0.00	30.83 1.10 0.00	23.08 0.81 0.00	19.59 0.64 0.00	19.40 0.55 0.00	18.22 0.42 0.00

ATHENS_STG_1 23668	19.90 0.03 0.00	18.59 0.03 0.00	18.50 0.02 0.00	19.05 0.03 0.00	18.58 0.08 0.00	21.09 0.14 0.00	21.09 0.18 0.00	27.40 0.47 0.00	22.76 0.30 0.00	19.55 0.20 0.00	17.58 0.20 0.00	12.83 0.16 0.00	11.72 0.15 0.00	15.58 0.19 0.00	17.28 0.20 0.00	17.80 0.20 0.00	18.88 0.18 0.00	19.73 0.17 0.00	22.90 0.29 0.00	30.25 0.52 0.00	22.65 0.37 0.00	19.26 0.30 0.00	19.10 0.24 0.00	17.98 0.18 0.00
ATHENS_STG_2 23670	19.90 0.03 0.00	18.59 0.03 0.00	18.50 0.02 0.00	19.05 0.03 0.00	18.58 0.08 0.00	21.09 0.14 0.00	21.09 0.18 0.00	27.40 0.47 0.00	22.76 0.30 0.00	19.55 0.20 0.00	17.58 0.20 0.00	12.83 0.16 0.00	11.72 0.15 0.00	15.58 0.19 0.00	17.28 0.20 0.00	17.80 0.20 0.00	18.88 0.18 0.00	19.73 0.17 0.00	22.90 0.29 0.00	30.25 0.52 0.00	22.65 0.37 0.00	19.26 0.30 0.00	19.10 0.24 0.00	17.98 0.18 0.00
ATHENS_STG_3 23677	19.90 0.03 0.00	18.59 0.03 0.00	18.50 0.02 0.00	19.05 0.03 0.00	18.58 0.08 0.00	21.09 0.14 0.00	21.09 0.18 0.00	27.40 0.47 0.00	22.76 0.30 0.00	19.55 0.20 0.00	17.58 0.20 0.00	12.83 0.16 0.00	11.72 0.15 0.00	15.58 0.19 0.00	17.28 0.20 0.00	17.80 0.20 0.00	18.88 0.18 0.00	19.73 0.17 0.00	22.90 0.29 0.00	30.25 0.52 0.00	22.65 0.37 0.00	19.26 0.30 0.00	19.10 0.24 0.00	17.98 0.18 0.00
AUBURN___LFGE 323710	20.15 0.28 0.00	18.79 0.22 0.00	18.72 0.24 0.00	19.23 0.22 0.00	18.71 0.21 0.00	21.30 0.35 0.00	21.16 0.25 0.00	27.22 0.29 0.00	22.65 0.19 0.00	19.48 0.13 0.00	17.40 0.02 0.00	12.67 0.00 0.00	11.57 0.00 0.00	15.39 0.00 0.00	17.07 -0.01 0.00	17.61 0.01 0.00	18.79 0.09 0.00	19.66 0.11 0.00	22.66 0.06 0.00	29.88 0.15 0.00	22.23 -0.04 0.00	19.02 0.06 0.00	18.97 0.11 0.00	17.93 0.14 0.00
BABYLON_RES_REC 323704	20.23 0.37 0.00	18.86 0.30 0.00	18.69 0.21 0.00	19.26 0.25 0.00	18.81 0.30 0.00	21.55 0.60 0.00	21.66 0.75 0.00	28.23 1.30 0.00	23.34 0.88 0.00	20.16 0.81 0.00	18.11 0.73 0.00	16.68 0.54 -3.47	12.41 0.47 -0.37	16.03 0.64 0.00	17.84 0.75 0.00	18.33 0.74 0.00	19.47 0.76 0.00	20.33 0.78 0.00	23.67 1.07 0.00	31.31 1.58 0.00	23.41 1.14 0.00	19.92 0.96 0.00	19.73 0.87 0.00	18.53 0.74 0.00
BABYLON___69_KV_BK2 356345	20.42 0.55 0.00	19.01 0.45 0.00	18.84 0.36 0.00	19.41 0.40 0.00	18.96 0.45 0.00	21.75 0.80 0.00	21.87 0.96 0.00	28.50 1.57 0.00	23.54 1.08 0.00	20.34 0.99 0.00	18.27 0.89 0.00	16.79 0.65 -3.47	12.50 0.56 -0.37	16.16 0.77 0.00	17.99 0.91 0.00	18.47 0.87 0.00	19.63 0.92 0.00	20.52 0.97 0.00	23.92 1.32 0.00	31.65 1.92 0.00	23.65 1.38 0.00	20.12 1.17 0.00	19.92 1.06 0.00	18.73 0.93 0.00
BALL_HILL_WT_PWR 323825	19.64 -0.22 0.00	18.25 -0.31 0.00	18.16 -0.32 0.00	18.73 -0.28 0.00	18.15 -0.36 0.00	20.79 -0.16 0.00	20.40 -0.51 0.00	25.76 -1.17 0.00	21.50 -0.97 0.00	18.93 -0.42 0.00	16.89 -0.49 0.00	12.31 -0.36 0.00	11.24 -0.33 0.00	15.00 -0.39 0.00	16.68 -0.40 0.00	17.13 -0.47 0.00	18.10 -0.60 0.00	18.72 -0.83 0.00	21.22 -1.38 0.00	27.69 -2.04 0.00	20.36 -1.91 0.00	17.56 -1.40 0.00	18.03 -0.82 0.00	17.43 -0.37 0.00
BARON_WINDS___WT_PWR 323822	19.87 0.01 0.00	18.54 -0.02 0.00	18.47 -0.01 0.00	19.04 0.03 0.00	18.52 0.02 0.00	21.33 0.38 0.00	21.22 0.31 0.00	27.27 0.34 0.00	22.62 0.16 0.00	19.57 0.22 0.00	17.37 -0.01 0.00	12.74 0.07 0.00	11.69 0.12 0.00	15.54 0.15 0.00	17.21 0.13 0.00	17.77 0.18 0.00	18.81 0.11 0.00	19.63 0.08 0.00	22.49 -0.11 0.00	29.25 -0.48 0.00	21.60 -0.67 0.00	18.60 -0.36 0.00	18.60 -0.26 0.00	17.35 -0.44 0.00
BARRETT_IC_1 23704	20.14 0.28 0.00	18.78 0.22 0.00	18.62 0.14 0.00	19.17 0.15 0.00	18.73 0.22 0.00	21.42 0.46 0.00	21.46 0.56 0.00	27.93 1.00 0.00	23.15 0.68 0.00	20.00 0.65 0.00	18.05 0.67 0.00	16.64 0.50 -3.47	12.40 0.45 -0.37	16.02 0.63 0.00	17.79 0.71 0.00	18.30 0.70 0.00	19.39 0.68 0.00	20.19 0.63 0.00	23.43 0.82 0.00	30.98 1.25 0.00	23.18 0.91 0.00	19.74 0.79 0.00	19.59 0.73 0.00	18.39 0.60 0.00
BARRETT_IC_10 23701	20.14 0.28 0.00	18.78 0.22 0.00	18.62 0.14 0.00	19.17 0.15 0.00	18.73 0.22 0.00	21.42 0.46 0.00	21.46 0.56 0.00	27.93 1.00 0.00	23.15 0.68 0.00	20.00 0.65 0.00	18.05 0.67 0.00	16.64 0.50 -3.47	12.40 0.45 -0.37	16.02 0.63 0.00	17.79 0.71 0.00	18.30 0.70 0.00	19.39 0.68 0.00	20.19 0.63 0.00	23.43 0.82 0.00	30.98 1.25 0.00	23.18 0.91 0.00	19.74 0.79 0.00	19.59 0.73 0.00	18.39 0.60 0.00
BARRETT_IC_11 23702	20.14 0.28 0.00	18.78 0.22 0.00	18.62 0.14 0.00	19.17 0.15 0.00	18.73 0.22 0.00	21.42 0.46 0.00	21.46 0.56 0.00	27.93 1.00 0.00	23.15 0.68 0.00	20.00 0.65 0.00	18.05 0.67 0.00	16.64 0.50 -3.47	12.40 0.45 -0.37	16.02 0.63 0.00	17.79 0.71 0.00	18.30 0.70 0.00	19.39 0.68 0.00	20.19 0.63 0.00	23.43 0.82 0.00	30.98 1.25 0.00	23.18 0.91 0.00	19.74 0.79 0.00	19.59 0.73 0.00	18.39 0.60 0.00
BARRETT_IC_12 23703	20.14 0.28 0.00	18.78 0.22 0.00	18.62 0.14 0.00	19.17 0.15 0.00	18.73 0.22 0.00	21.42 0.46 0.00	21.46 0.56 0.00	27.93 1.00 0.00	23.15 0.68 0.00	20.00 0.65 0.00	18.05 0.67 0.00	16.64 0.50 -3.47	12.40 0.45 -0.37	16.02 0.63 0.00	17.79 0.71 0.00	18.30 0.70 0.00	19.39 0.68 0.00	20.19 0.63 0.00	23.43 0.82 0.00	30.98 1.25 0.00	23.18 0.91 0.00	19.74 0.79 0.00	19.59 0.73 0.00	18.39 0.60 0.00
BARRETT_IC_2 23705	20.14 0.28 0.00	18.78 0.22 0.00	18.62 0.14 0.00	19.17 0.15 0.00	18.73 0.22 0.00	21.42 0.46 0.00	21.46 0.56 0.00	27.93 1.00 0.00	23.15 0.68 0.00	20.00 0.65 0.00	18.05 0.67 0.00	16.64 0.50 -3.47	12.40 0.45 -0.37	16.02 0.63 0.00	17.79 0.71 0.00	18.30 0.70 0.00	19.39 0.68 0.00	20.19 0.63 0.00	23.43 0.82 0.00	30.98 1.25 0.00	23.18 0.91 0.00	19.74 0.79 0.00	19.59 0.73 0.00	18.39 0.60 0.00
BARRETT_IC_3 23706	20.14 0.28 0.00	18.78 0.22 0.00	18.62 0.14 0.00	19.17 0.15 0.00	18.73 0.22 0.00	21.42 0.46 0.00	21.46 0.56 0.00	27.93 1.00 0.00	23.15 0.68 0.00	20.00 0.65 0.00	18.05 0.67 0.00	16.64 0.50 -3.47	12.40 0.45 -0.37	16.02 0.63 0.00	17.79 0.71 0.00	18.30 0.70 0.00	19.39 0.68 0.00	20.19 0.63 0.00	23.43 0.82 0.00	30.98 1.25 0.00	23.18 0.91 0.00	19.74 0.79 0.00	19.59 0.73 0.00	18.39 0.60 0.00
BARRETT_IC_4 23707	20.14 0.28 0.00	18.78 0.22 0.00	18.62 0.14 0.00	19.17 0.15 0.00	18.73 0.22 0.00	21.42 0.46 0.00	21.46 0.56 0.00	27.93 1.00 0.00	23.15 0.68 0.00	20.00 0.65 0.00	18.05 0.67 0.00	16.64 0.50 -3.47	12.40 0.45 -0.37	16.02 0.63 0.00	17.79 0.71 0.00	18.30 0.70 0.00	19.39 0.68 0.00	20.19 0.63 0.00	23.43 0.82 0.00	30.98 1.25 0.00	23.18 0.91 0.00	19.74 0.79 0.00	19.59 0.73 0.00	18.39 0.60 0.00

BARRETT_IC_5 23708	20.14 0.28 0.00	18.78 0.22 0.00	18.62 0.14 0.00	19.17 0.15 0.00	18.73 0.22 0.00	21.42 0.46 0.00	21.46 0.56 0.00	27.93 1.00 0.00	23.15 0.68 0.00	20.00 0.65 0.00	18.05 0.67 0.00	16.64 0.50 -3.47	12.40 0.45 -0.37	16.02 0.63 0.00	17.79 0.71 0.00	18.30 0.70 0.00	19.39 0.68 0.00	20.19 0.63 0.00	23.43 0.82 0.00	30.98 1.25 0.00	23.18 0.91 0.00	19.74 0.79 0.00	19.59 0.73 0.00	18.39 0.60 0.00
BARRETT_IC_6 23709	20.14 0.28 0.00	18.78 0.22 0.00	18.62 0.14 0.00	19.17 0.15 0.00	18.73 0.22 0.00	21.42 0.46 0.00	21.46 0.56 0.00	27.93 1.00 0.00	23.15 0.68 0.00	20.00 0.65 0.00	18.05 0.67 0.00	16.64 0.50 -3.47	12.40 0.45 -0.37	16.02 0.63 0.00	17.79 0.71 0.00	18.30 0.70 0.00	19.39 0.68 0.00	20.19 0.63 0.00	23.43 0.82 0.00	30.98 1.25 0.00	23.18 0.91 0.00	19.74 0.79 0.00	19.59 0.73 0.00	18.39 0.60 0.00
BARRETT_IC_7 23710	20.14 0.28 0.00	18.78 0.22 0.00	18.62 0.14 0.00	19.16 0.15 0.00	18.73 0.22 0.00	21.42 0.46 0.00	21.46 0.56 0.00	27.93 1.00 0.00	23.15 0.69 0.00	20.00 0.64 0.00	18.06 0.68 0.00	16.64 0.50 -3.47	12.40 0.45 -0.37	16.02 0.63 0.00	17.79 0.71 0.00	18.29 0.70 0.00	19.39 0.68 0.00	20.19 0.63 0.00	23.43 0.82 0.00	30.98 1.25 0.00	23.18 0.91 0.00	19.74 0.79 0.00	19.59 0.73 0.00	18.39 0.60 0.00
BARRETT_IC_8 23711	20.14 0.28 0.00	18.78 0.22 0.00	18.62 0.14 0.00	19.17 0.15 0.00	18.73 0.22 0.00	21.42 0.46 0.00	21.46 0.56 0.00	27.93 1.00 0.00	23.15 0.68 0.00	20.00 0.65 0.00	18.05 0.67 0.00	16.64 0.50 -3.47	12.40 0.45 -0.37	16.02 0.63 0.00	17.79 0.71 0.00	18.30 0.70 0.00	19.39 0.68 0.00	20.19 0.63 0.00	23.43 0.82 0.00	30.98 1.25 0.00	23.18 0.91 0.00	19.74 0.79 0.00	19.59 0.73 0.00	18.39 0.60 0.00
BARRETT_IC_9 23700	20.14 0.28 0.00	18.78 0.22 0.00	18.62 0.14 0.00	19.17 0.15 0.00	18.73 0.22 0.00	21.42 0.46 0.00	21.46 0.56 0.00	27.93 1.00 0.00	23.15 0.68 0.00	20.00 0.65 0.00	18.05 0.67 0.00	16.64 0.50 -3.47	12.40 0.45 -0.37	16.02 0.63 0.00	17.79 0.71 0.00	18.30 0.70 0.00	19.39 0.68 0.00	20.19 0.63 0.00	23.43 0.82 0.00	30.98 1.25 0.00	23.18 0.91 0.00	19.74 0.79 0.00	19.59 0.73 0.00	18.39 0.60 0.00
BARRETT___1 23545	20.14 0.28 0.00	18.78 0.22 0.00	18.62 0.14 0.00	19.17 0.15 0.00	18.73 0.22 0.00	21.42 0.46 0.00	21.46 0.56 0.00	27.93 1.00 0.00	23.15 0.68 0.00	20.00 0.65 0.00	18.05 0.67 0.00	16.64 0.50 -3.47	12.40 0.45 -0.37	16.02 0.63 0.00	17.79 0.71 0.00	18.30 0.70 0.00	19.39 0.68 0.00	20.19 0.63 0.00	23.43 0.82 0.00	30.98 1.25 0.00	23.18 0.91 0.00	19.74 0.79 0.00	19.59 0.73 0.00	18.39 0.60 0.00
BARRETT___2 23546	20.14 0.28 0.00	18.78 0.22 0.00	18.62 0.14 0.00	19.17 0.15 0.00	18.73 0.22 0.00	21.42 0.46 0.00	21.46 0.56 0.00	27.93 1.00 0.00	23.15 0.68 0.00	20.00 0.65 0.00	18.05 0.67 0.00	16.64 0.50 -3.47	12.40 0.45 -0.37	16.02 0.63 0.00	17.79 0.71 0.00	18.30 0.70 0.00	19.39 0.68 0.00	20.19 0.63 0.00	23.43 0.82 0.00	30.98 1.25 0.00	23.18 0.91 0.00	19.74 0.79 0.00	19.59 0.73 0.00	18.39 0.60 0.00
BATAVIA___115KV_TB1 55881	19.66 -0.20 0.00	18.29 -0.27 0.00	18.21 -0.27 0.00	18.78 -0.23 0.00	18.20 -0.31 0.00	20.81 -0.14 0.00	20.52 -0.39 0.00	25.96 -0.97 0.00	21.68 -0.78 0.00	18.94 -0.40 0.00	16.81 -0.58 0.00	12.22 -0.44 0.00	11.07 -0.50 0.00	14.72 -0.68 0.00	16.39 -0.70 0.00	17.04 -0.56 0.00	18.13 -0.57 0.00	18.86 -0.69 0.00	21.43 -1.17 0.00	28.07 -1.66 0.00	20.77 -1.50 0.00	17.86 -1.09 0.00	18.39 -0.47 0.00	17.64 -0.15 0.00
BAYONEEC___CTG1 323682	20.05 0.18 0.00	18.71 0.15 0.00	18.57 0.09 0.00	19.13 0.12 0.00	18.70 0.20 0.00	21.29 0.34 0.00	21.33 0.42 0.00	27.87 0.93 0.00	23.15 0.68 0.00	19.98 0.63 0.00	18.02 0.64 0.00	16.67 0.53 -3.47	12.45 0.50 -0.38	16.05 0.66 0.00	17.77 0.68 0.00	18.30 0.70 0.00	19.38 0.68 0.00	20.17 0.61 0.00	23.36 0.76 0.00	30.77 1.11 0.08	23.09 0.82 0.00	19.60 0.65 0.00	19.42 0.56 0.00	18.24 0.44 0.00
BAYONEEC___CTG10 323750	20.05 0.18 0.00	18.71 0.15 0.00	18.57 0.09 0.00	19.13 0.12 0.00	18.70 0.20 0.00	21.29 0.34 0.00	21.33 0.42 0.00	27.87 0.93 0.00	23.15 0.68 0.00	19.98 0.63 0.00	18.02 0.64 0.00	16.67 0.53 -3.47	12.45 0.50 -0.38	16.05 0.66 0.00	17.77 0.68 0.00	18.30 0.70 0.00	19.38 0.68 0.00	20.17 0.61 0.00	23.36 0.76 0.00	30.77 1.11 0.08	23.09 0.82 0.00	19.60 0.65 0.00	19.42 0.56 0.00	18.24 0.44 0.00
BAYONEEC___CTG2 323683	20.05 0.18 0.00	18.71 0.15 0.00	18.57 0.09 0.00	19.13 0.12 0.00	18.70 0.20 0.00	21.29 0.34 0.00	21.33 0.42 0.00	27.87 0.93 0.00	23.15 0.68 0.00	19.98 0.63 0.00	18.02 0.64 0.00	16.67 0.53 -3.47	12.45 0.50 -0.38	16.05 0.66 0.00	17.77 0.68 0.00	18.30 0.70 0.00	19.38 0.68 0.00	20.17 0.61 0.00	23.36 0.76 0.00	30.77 1.11 0.08	23.09 0.82 0.00	19.60 0.65 0.00	19.42 0.56 0.00	18.24 0.44 0.00
BAYONEEC___CTG3 323684	20.05 0.18 0.00	18.71 0.15 0.00	18.57 0.09 0.00	19.13 0.12 0.00	18.70 0.20 0.00	21.29 0.34 0.00	21.33 0.42 0.00	27.87 0.93 0.00	23.15 0.68 0.00	19.98 0.63 0.00	18.02 0.64 0.00	16.67 0.53 -3.47	12.45 0.50 -0.38	16.05 0.66 0.00	17.77 0.68 0.00	18.30 0.70 0.00	19.38 0.68 0.00	20.17 0.61 0.00	23.36 0.76 0.00	30.77 1.11 0.08	23.09 0.82 0.00	19.60 0.65 0.00	19.42 0.56 0.00	18.24 0.44 0.00
BAYONEEC___CTG4 323685	20.05 0.18 0.00	18.71 0.15 0.00	18.57 0.09 0.00	19.13 0.12 0.00	18.70 0.20 0.00	21.29 0.34 0.00	21.33 0.42 0.00	27.87 0.93 0.00	23.15 0.68 0.00	19.98 0.63 0.00	18.02 0.64 0.00	16.67 0.53 -3.47	12.45 0.50 -0.38	16.05 0.66 0.00	17.77 0.68 0.00	18.30 0.70 0.00	19.38 0.68 0.00	20.17 0.61 0.00	23.36 0.76 0.00	30.77 1.11 0.08	23.09 0.82 0.00	19.60 0.65 0.00	19.42 0.56 0.00	18.24 0.44 0.00
BAYONEEC___CTG5 323686	20.05 0.18 0.00	18.71 0.15 0.00	18.57 0.09 0.00	19.13 0.12 0.00	18.70 0.20 0.00	21.29 0.34 0.00	21.33 0.42 0.00	27.87 0.93 0.00	23.15 0.68 0.00	19.98 0.63 0.00	18.02 0.64 0.00	16.67 0.53 -3.47	12.45 0.50 -0.38	16.05 0.66 0.00	17.77 0.68 0.00	18.30 0.70 0.00	19.38 0.68 0.00	20.17 0.61 0.00	23.36 0.76 0.00	30.77 1.11 0.08	23.09 0.82 0.00	19.60 0.65 0.00	19.42 0.56 0.00	18.24 0.44 0.00
BAYONEEC___CTG6 323687	20.05 0.18 0.00	18.71 0.15 0.00	18.57 0.09 0.00	19.13 0.12 0.00	18.70 0.20 0.00	21.29 0.34 0.00	21.33 0.42 0.00	27.87 0.93 0.00	23.15 0.68 0.00	19.98 0.63 0.00	18.02 0.64 0.00	16.67 0.53 -3.47	12.45 0.50 -0.38	16.05 0.66 0.00	17.77 0.68 0.00	18.30 0.70 0.00	19.38 0.68 0.00	20.17 0.61 0.00	23.36 0.76 0.00	30.77 1.11 0.08	23.09 0.82 0.00	19.60 0.65 0.00	19.42 0.56 0.00	18.24 0.44 0.00

BAYONEEC___CTG7 323688	20.05 0.18 0.00	18.71 0.15 0.00	18.57 0.09 0.00	19.13 0.12 0.00	18.70 0.20 0.00	21.29 0.34 0.00	21.33 0.42 0.00	27.87 0.93 0.00	23.15 0.68 0.00	19.98 0.63 0.00	18.02 0.64 0.00	16.67 0.53 -3.47	12.45 0.50 -0.38	16.05 0.66 0.00	17.77 0.68 0.00	18.30 0.70 0.00	19.38 0.68 0.00	20.17 0.61 0.00	23.36 0.76 0.00	30.77 1.11 0.08	23.09 0.82 0.00	19.60 0.65 0.00	19.42 0.56 0.00	18.24 0.44 0.00
BAYONEEC___CTG8 323689	20.05 0.18 0.00	18.71 0.15 0.00	18.57 0.09 0.00	19.13 0.12 0.00	18.70 0.20 0.00	21.29 0.34 0.00	21.33 0.42 0.00	27.87 0.93 0.00	23.15 0.68 0.00	19.98 0.63 0.00	18.02 0.64 0.00	16.67 0.53 -3.47	12.45 0.50 -0.38	16.05 0.66 0.00	17.77 0.68 0.00	18.30 0.70 0.00	19.38 0.68 0.00	20.17 0.61 0.00	23.36 0.76 0.00	30.77 1.11 0.08	23.09 0.82 0.00	19.60 0.65 0.00	19.42 0.56 0.00	18.24 0.44 0.00
BAYONEEC___CTG9 323749	20.05 0.18 0.00	18.71 0.15 0.00	18.57 0.09 0.00	19.13 0.12 0.00	18.70 0.20 0.00	21.29 0.34 0.00	21.33 0.42 0.00	27.87 0.93 0.00	23.15 0.68 0.00	19.98 0.63 0.00	18.02 0.64 0.00	16.67 0.53 -3.47	12.45 0.50 -0.38	16.05 0.66 0.00	17.77 0.68 0.00	18.30 0.70 0.00	19.38 0.68 0.00	20.17 0.61 0.00	23.36 0.76 0.00	30.77 1.11 0.08	23.09 0.82 0.00	19.60 0.65 0.00	19.42 0.56 0.00	18.24 0.44 0.00
BEACON___LESR 323632	20.07 0.20 0.00	18.79 0.22 0.00	18.75 0.27 0.00	19.31 0.29 0.00	18.86 0.36 0.00	21.42 0.47 0.00	21.41 0.50 0.00	27.86 0.93 0.00	23.08 0.62 0.00	19.75 0.40 0.00	17.70 0.32 0.00	9.77 0.22 3.12	11.42 0.19 0.34	15.69 0.29 0.00	17.38 0.30 0.00	17.92 0.33 0.00	19.03 0.33 0.00	19.91 0.36 0.00	23.17 0.57 0.00	30.64 0.91 0.00	22.93 0.66 0.00	19.57 0.61 0.00	19.36 0.50 0.00	18.24 0.44 0.00
BEAVER RIVER___HYD 24048	19.23 -0.64 0.00	18.22 -0.34 0.00	18.25 -0.23 0.00	18.81 -0.20 0.00	18.42 -0.09 0.00	20.99 0.03 0.00	21.09 0.18 0.00	27.11 0.17 0.00	22.51 0.05 0.00	19.09 -0.25 0.00	16.95 -0.43 0.00	12.37 -0.30 0.00	11.30 -0.26 0.00	15.03 -0.37 0.00	16.81 -0.27 0.00	17.36 -0.24 0.00	18.61 -0.09 0.00	19.66 0.10 0.00	22.71 0.11 0.00	29.94 0.22 0.00	22.26 -0.01 0.00	18.71 -0.25 0.00	18.29 -0.57 0.00	17.24 -0.56 0.00
BEEBEE_GT_13 23619	19.54 -0.33 0.00	18.20 -0.36 0.00	18.11 -0.37 0.00	18.66 -0.35 0.00	18.10 -0.40 0.00	20.62 -0.34 0.00	20.42 -0.49 0.00	25.96 -0.97 0.00	21.63 -0.83 0.00	18.84 -0.51 0.00	16.85 -0.54 0.00	12.28 -0.39 0.00	11.19 -0.38 0.00	14.89 -0.51 0.00	16.56 -0.52 0.00	17.09 -0.51 0.00	18.17 -0.53 0.00	18.92 -0.64 0.00	21.61 -0.99 0.00	28.35 -1.38 0.00	21.08 -1.19 0.00	18.06 -0.89 0.00	18.37 -0.49 0.00	17.49 -0.31 0.00
BENSHRST_27_KV_BENSHRST_1 355998	20.29 0.42 0.00	18.91 0.34 0.00	18.75 0.27 0.00	19.30 0.28 0.00	18.87 0.36 0.00	21.49 0.54 0.00	21.56 0.65 0.00	28.18 1.25 0.00	23.49 1.03 0.00	20.27 0.92 0.00	18.28 0.90 -3.47	16.86 0.72 -0.38	12.62 0.67 0.00	16.26 0.87 0.00	18.01 0.93 0.00	18.54 0.94 0.00	19.65 0.95 0.00	20.45 0.90 0.00	23.69 1.08 0.00	31.31 1.58 0.00	23.38 1.11 0.00	19.84 0.89 0.00	19.65 0.79 0.00	18.45 0.65 0.00
BETHLEHEM___GRP 23843	19.99 0.13 0.00	18.71 0.15 0.00	18.66 0.19 0.00	19.22 0.21 0.00	18.76 0.25 0.00	21.24 0.29 0.00	21.22 0.31 0.00	27.57 0.64 0.00	22.88 0.42 0.00	19.59 0.24 0.00	17.60 0.22 0.00	9.87 0.17 2.97	11.39 0.14 0.32	15.59 0.19 0.00	17.28 0.20 0.00	17.80 0.20 0.00	18.90 0.19 0.00	19.77 0.22 0.00	22.98 0.38 0.00	30.36 0.63 0.00	22.75 0.48 0.00	19.38 0.42 0.00	19.21 0.35 0.00	18.10 0.31 0.00
BETHLEHEM___GS1 323560	19.99 0.12 0.00	18.71 0.15 0.00	18.66 0.19 0.00	19.22 0.21 0.00	18.76 0.25 0.00	21.24 0.29 0.00	21.22 0.30 0.00	27.57 0.64 0.00	22.88 0.41 0.00	19.59 0.24 0.00	17.59 0.22 0.00	9.87 0.17 2.97	11.39 0.15 0.32	15.59 0.19 0.00	17.28 0.20 0.00	17.80 0.20 0.00	18.90 0.19 0.00	19.77 0.22 0.00	22.98 0.38 0.00	30.36 0.63 0.00	22.75 0.48 0.00	19.38 0.42 0.00	19.21 0.35 0.00	18.10 0.31 0.00
BETHLEHEM___GS2 323561	19.99 0.12 0.00	18.71 0.15 0.00	18.66 0.19 0.00	19.22 0.21 0.00	18.76 0.25 0.00	21.24 0.29 0.00	21.22 0.30 0.00	27.57 0.64 0.00	22.88 0.41 0.00	19.59 0.24 0.00	17.59 0.22 0.00	9.87 0.17 2.97	11.39 0.15 0.32	15.59 0.19 0.00	17.28 0.20 0.00	17.80 0.20 0.00	18.90 0.19 0.00	19.77 0.22 0.00	22.98 0.38 0.00	30.36 0.63 0.00	22.75 0.48 0.00	19.38 0.42 0.00	19.21 0.35 0.00	18.10 0.31 0.00
BETHLEHEM___GS3 323562	19.99 0.12 0.00	18.71 0.15 0.00	18.66 0.19 0.00	19.22 0.21 0.00	18.76 0.25 0.00	21.24 0.29 0.00	21.22 0.30 0.00	27.57 0.64 0.00	22.88 0.41 0.00	19.59 0.24 0.00	17.59 0.22 0.00	9.87 0.17 2.97	11.39 0.15 0.32	15.59 0.19 0.00	17.28 0.20 0.00	17.80 0.20 0.00	18.90 0.19 0.00	19.77 0.22 0.00	22.98 0.38 0.00	30.36 0.63 0.00	22.75 0.48 0.00	19.38 0.42 0.00	19.21 0.35 0.00	18.10 0.31 0.00
BETHLEHEM___STEEL 23779	19.62 -0.24 0.00	18.25 -0.31 0.00	18.16 -0.32 0.00	18.73 -0.28 0.00	18.14 -0.37 0.00	20.74 -0.21 0.00	20.36 -0.55 0.00	25.61 -1.32 0.00	21.39 -1.07 0.00	18.85 -0.50 0.00	16.81 -0.57 0.00	12.27 -0.40 0.00	11.18 -0.40 0.00	14.93 -0.47 0.00	16.58 -0.51 0.00	17.02 -0.58 0.00	18.03 -0.68 0.00	18.69 -0.86 0.00	21.15 -1.45 0.00	27.66 -2.08 0.00	20.44 -1.83 0.00	17.63 -1.32 0.00	18.18 -0.67 0.00	17.51 -0.29 0.00
BETHLHEM_115KV_TB1 79974	20.00 0.13 0.00	18.72 0.16 0.00	18.67 0.19 0.00	19.23 0.22 0.00	18.77 0.26 0.00	21.25 0.30 0.00	21.23 0.32 0.00	27.59 0.65 0.00	22.89 0.43 0.00	19.60 0.26 0.00	17.61 0.22 0.00	9.87 0.17 2.97	11.39 0.15 0.32	15.59 0.20 0.00	17.29 0.21 0.00	17.80 0.21 0.00	18.91 0.21 0.00	19.78 0.23 0.00	23.00 0.40 0.00	30.39 0.65 0.00	22.76 0.49 0.00	19.39 0.43 0.00	19.22 0.36 0.00	18.12 0.32 0.00
BETHPAGE_CC_5 323564	20.22 0.35 0.00	18.84 0.28 0.00	18.67 0.19 0.00	19.23 0.22 0.00	18.79 0.28 0.00	21.51 0.56 0.00	21.61 0.69 0.00	28.16 1.23 0.00	23.30 0.84 0.00	20.14 0.79 0.00	18.11 0.73 -3.47	16.69 0.55 -0.37	12.44 0.49 0.00	16.06 0.67 0.00	17.86 0.78 0.00	18.36 0.76 0.00	19.48 0.78 0.00	20.32 0.77 0.00	23.63 1.03 0.00	31.26 1.53 0.00	23.37 1.10 0.00	19.88 0.92 0.00	19.69 0.84 0.00	18.50 0.70 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.74 -0.13 0.00	18.36 -0.20 0.00	18.27 -0.21 0.00	18.84 -0.17 0.00	18.25 -0.26 0.00	20.87 -0.08 0.00	20.50 -0.41 0.00	25.80 -1.13 0.00	21.56 -0.90 0.00	18.98 -0.36 0.00	16.94 -0.45 0.00	12.35 -0.31 0.00	11.26 -0.32 0.00	15.05 -0.35 0.00	16.70 -0.38 0.00	17.15 -0.45 0.00	18.16 -0.54 0.00	18.83 -0.73 0.00	21.31 -1.29 0.00	27.88 -1.86 0.00	20.60 -1.67 0.00	17.78 -1.18 0.00	18.30 -0.55 0.00	17.59 -0.21 0.00

BINGHAMTON___COGEN 23790	19.87 0.00 0.00	18.50 -0.06 0.00	18.42 -0.06 0.00	18.96 -0.05 0.00	18.45 -0.05 0.00	21.04 0.09 0.00	20.95 0.04 0.00	27.10 0.17 0.00	22.54 0.08 0.00	19.46 0.11 0.00	17.38 0.00 0.00	12.66 -0.01 0.00	11.60 0.03 0.00	15.44 0.04 0.00	17.11 0.03 0.00	17.64 0.04 0.00	18.71 0.01 0.00	19.53 -0.02 0.00	22.60 -0.01 0.00	29.75 0.02 0.00	22.16 -0.10 0.00	18.93 -0.03 0.00	18.88 0.02 0.00	17.72 -0.08 0.00
BIXINCNT_115KV_LOAD 355685	20.05 0.19 0.00	18.70 0.14 0.00	18.63 0.15 0.00	19.21 0.20 0.00	18.62 0.11 0.00	21.34 0.39 0.00	21.04 0.13 0.00	26.63 -0.30 0.00	22.25 -0.21 0.00	19.54 0.19 0.00	17.44 0.06 0.00	12.73 0.06 0.00	11.62 0.05 0.00	15.57 0.17 0.00	17.25 0.17 0.00	17.73 0.13 0.00	18.70 0.00 0.00	19.29 -0.26 0.00	21.75 -0.85 0.00	28.56 -1.17 0.00	21.15 -1.12 0.00	18.26 -0.69 0.00	18.45 -0.41 0.00	17.44 -0.36 0.00
BLACK RIVER___HYD 24047	19.08 -0.78 0.00	18.11 -0.45 0.00	18.17 -0.31 0.00	18.73 -0.29 0.00	18.34 -0.17 0.00	20.94 -0.01 0.00	21.06 0.15 0.00	27.06 0.13 0.00	22.44 -0.02 0.00	18.91 -0.44 0.00	16.74 -0.64 0.00	12.26 -0.41 0.00	11.22 -0.35 0.00	14.88 -0.51 0.00	16.71 -0.37 0.00	17.32 -0.27 0.00	18.58 -0.12 0.00	19.63 0.08 0.00	22.66 0.06 0.00	29.91 0.18 0.00	22.20 -0.07 0.00	18.62 -0.33 0.00	18.15 -0.71 0.00	17.08 -0.72 0.00
BLACKRVR_115KV_TB2 79977	19.08 -0.78 0.00	18.11 -0.45 0.00	18.16 -0.31 0.00	18.73 -0.29 0.00	18.34 -0.16 0.00	20.94 -0.01 0.00	21.06 0.15 0.00	27.06 0.13 0.00	22.44 -0.02 0.00	18.91 -0.44 0.00	16.74 -0.64 0.00	12.26 -0.41 0.00	11.22 -0.35 0.00	14.88 -0.51 0.00	16.71 -0.37 0.00	17.33 -0.27 0.00	18.58 -0.12 0.00	19.63 0.08 0.00	22.66 0.06 0.00	29.91 0.18 0.00	22.20 -0.07 0.00	18.62 -0.33 0.00	18.15 -0.71 0.00	17.08 -0.72 0.00
BLISS_WT_PWR 323608	20.04 0.18 0.00	18.71 0.15 0.00	18.64 0.16 0.00	19.22 0.21 0.00	18.63 0.13 0.00	21.36 0.41 0.00	21.07 0.16 0.00	26.67 -0.26 0.00	22.28 -0.18 0.00	19.56 0.21 0.00	17.49 0.11 0.00	12.75 0.08 0.00	11.64 0.07 0.00	15.59 0.19 0.00	17.27 0.19 0.00	17.74 0.15 0.00	18.72 0.01 0.00	19.31 -0.25 0.00	21.74 -0.86 0.00	28.55 -1.18 0.00	21.15 -1.13 0.00	18.26 -0.70 0.00	18.37 -0.49 0.00	17.29 -0.50 0.00
BLUESTONE___WT_PWR 323821	20.52 0.66 0.00	18.91 0.34 0.00	19.15 0.67 0.00	19.68 0.66 0.00	19.25 0.74 0.00	22.11 1.16 0.00	22.05 1.14 0.00	28.56 1.63 0.00	23.73 1.27 0.00	20.32 0.97 0.00	18.06 0.68 0.00	13.13 0.46 0.00	12.02 0.45 0.00	16.01 0.61 0.00	17.73 0.65 0.00	18.28 0.68 0.00	19.54 0.84 0.00	20.56 1.01 0.00	23.76 1.15 0.00	30.94 1.21 0.00	22.69 0.42 0.00	18.87 -0.09 0.00	18.85 0.00 0.00	17.95 0.15 0.00
BLUE_CIRC_CHEM_DRP 24182	19.72 -0.14 0.00	18.74 0.18 0.00	18.73 0.25 0.00	19.28 0.27 0.00	18.81 0.30 0.00	21.27 0.32 0.00	21.25 0.34 0.00	27.55 0.62 0.00	22.87 0.41 0.00	19.59 0.24 0.00	17.57 0.20 0.00	11.04 0.15 1.78	11.51 0.12 0.19	15.56 0.16 0.00	17.20 0.12 0.00	17.68 0.08 0.00	18.78 0.08 0.00	19.74 0.19 0.00	22.98 0.38 0.00	30.35 0.62 0.00	22.73 0.47 0.00	19.37 0.41 0.00	19.21 0.36 0.00	18.11 0.32 0.00
BOC_GAS_DRP 24189	19.86 0.00 0.00	18.59 0.03 0.00	18.54 0.06 0.00	19.09 0.08 0.00	18.62 0.11 0.00	21.09 0.14 0.00	21.07 0.16 0.00	27.34 0.41 0.00	22.71 0.24 0.00	19.49 0.14 0.00	17.51 0.13 0.00	12.78 0.11 0.00	11.66 0.09 0.00	15.52 0.12 0.00	17.21 0.13 0.00	17.72 0.12 0.00	18.81 0.11 0.00	19.67 0.11 0.00	22.83 0.23 0.00	30.14 0.41 0.00	22.58 0.31 0.00	19.22 0.27 0.00	19.07 0.21 0.00	17.97 0.17 0.00
BOONVILLE_115KV_TB1 79983	19.87 0.01 0.00	18.67 0.11 0.00	18.65 0.17 0.00	19.21 0.19 0.00	18.75 0.25 0.00	21.34 0.39 0.00	21.41 0.50 0.00	27.63 0.69 0.00	22.96 0.49 0.00	19.59 0.24 0.00	17.47 0.09 0.00	12.72 0.05 0.00	11.62 0.05 0.00	15.45 0.06 0.00	17.19 0.11 0.00	17.71 0.11 0.00	18.94 0.23 0.00	19.95 0.39 0.00	23.08 0.47 0.00	30.44 0.70 0.00	22.69 0.42 0.00	19.19 0.24 0.00	18.93 0.07 0.00	17.81 0.02 0.00
BORALEX_4TH_BRANCH 23824	19.96 0.10 0.00	18.67 0.11 0.00	18.59 0.11 0.00	19.13 0.11 0.00	18.70 0.19 0.00	21.10 0.15 0.00	21.08 0.16 0.00	27.46 0.52 0.00	22.73 0.27 0.00	19.35 0.00 0.00	17.34 -0.04 0.00	5.66 -0.03 6.98	10.77 -0.05 0.76	15.34 -0.06 0.00	17.02 -0.07 0.00	17.52 -0.07 0.00	18.58 -0.13 0.00	19.41 -0.14 0.00	22.69 0.09 0.00	30.08 0.35 0.00	22.59 0.32 0.00	19.32 0.37 0.00	19.09 0.23 0.00	18.00 0.20 0.00
BOWLINE___1 23526	20.04 0.18 0.00	18.70 0.14 0.00	18.56 0.08 0.00	19.12 0.11 0.00	18.67 0.17 0.00	21.28 0.33 0.00	21.29 0.38 0.00	27.77 0.84 0.00	23.03 0.57 0.00	19.85 0.50 0.00	17.88 0.50 0.00	16.33 0.40 -3.27	12.29 0.37 -0.35	15.88 0.48 0.00	17.63 0.54 0.00	18.16 0.56 0.00	19.23 0.53 0.00	20.03 0.48 0.00	23.23 0.62 0.00	30.72 0.99 0.00	22.96 0.69 0.00	19.50 0.54 0.00	19.35 0.49 0.00	18.17 0.37 0.00
BOWLINE___2 23595	20.04 0.18 0.00	18.70 0.14 0.00	18.56 0.08 0.00	19.12 0.11 0.00	18.67 0.17 0.00	21.28 0.33 0.00	21.29 0.38 0.00	27.77 0.84 0.00	23.03 0.57 0.00	19.85 0.50 0.00	17.88 0.50 0.00	16.34 0.40 -3.27	12.29 0.37 -0.35	15.88 0.48 0.00	17.63 0.54 0.00	18.16 0.56 0.00	19.23 0.53 0.00	20.03 0.48 0.00	23.23 0.62 0.00	30.72 0.99 0.00	22.96 0.69 0.00	19.50 0.54 0.00	19.35 0.49 0.00	18.17 0.37 0.00
BRADY___115KV_TB2 356060	20.21 0.35 0.00	18.93 0.36 0.00	18.82 0.34 0.00	19.36 0.35 0.00	18.85 0.34 0.00	21.31 0.36 0.00	21.30 0.39 0.00	27.22 0.29 0.00	22.73 0.27 0.00	19.51 0.16 0.00	17.48 0.10 0.00	12.71 0.04 0.00	11.60 0.03 0.00	15.44 0.05 0.00	17.21 0.12 0.00	17.77 0.18 0.00	19.00 0.30 0.00	19.97 0.42 0.00	23.01 0.40 0.00	30.14 0.41 0.00	22.56 0.29 0.00	19.14 0.19 0.00	19.05 0.19 0.00	18.08 0.28 0.00
BRANSCOMB___SOLAR 323811	20.17 0.30 0.00	18.85 0.29 0.00	18.77 0.29 0.00	19.31 0.30 0.00	18.88 0.37 0.00	21.42 0.47 0.00	21.46 0.55 0.00	27.92 0.99 0.00	23.16 0.70 0.00	19.73 0.38 0.00	17.63 0.24 0.00	9.24 0.14 3.56	11.31 0.12 0.39	15.54 0.15 0.00	17.24 0.15 0.00	17.77 0.18 0.00	18.93 0.23 0.00	19.94 0.39 0.00	23.26 0.66 0.00	30.76 1.03 0.00	23.02 0.75 0.00	19.54 0.59 0.00	19.33 0.47 0.00	18.21 0.41 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	20.35 0.48 0.00	18.96 0.39 0.00	18.78 0.30 0.00	19.34 0.33 0.00	18.89 0.38 0.00	21.69 0.73 0.00	21.79 0.88 0.00	28.39 1.46 0.00	23.44 0.98 0.00	20.27 0.92 0.00	18.22 0.84 0.00	16.75 0.61 -3.47	12.48 0.53 -0.37	16.14 0.75 0.00	17.96 0.87 0.00	18.43 0.83 0.00	19.57 0.86 0.00	20.45 0.90 0.00	23.83 1.23 0.00	31.50 1.77 0.00	23.55 1.28 0.00	20.04 1.08 0.00	19.84 0.98 0.00	18.67 0.87 0.00

BRISTLHL_115KV_TB1 79998	19.56 -0.31 0.00	18.27 -0.29 0.00	18.19 -0.29 0.00	18.71 -0.31 0.00	18.16 -0.35 0.00	20.54 -0.42 0.00	20.51 -0.40 0.00	26.38 -0.55 0.00	21.97 -0.48 0.00	18.92 -0.43 0.00	16.98 -0.40 0.00	12.37 -0.30 0.00	11.30 -0.27 0.00	15.02 -0.37 0.00	16.65 -0.43 0.00	17.17 -0.43 0.00	18.30 -0.40 0.00	19.13 -0.43 0.00	22.05 -0.55 0.00	29.02 -0.70 0.00	21.69 -0.58 0.00	18.50 -0.45 0.00	18.46 -0.40 0.00	17.39 -0.40 0.00
BROOKHAVEN___DRP 24191	20.10 0.23 0.00	18.72 0.15 0.00	18.54 0.06 0.00	19.09 0.08 0.00	18.65 0.14 0.00	21.50 0.55 0.00	21.63 0.72 0.00	28.19 1.26 0.00	23.18 0.71 0.00	20.04 0.69 0.00	17.99 0.62 -3.47	16.57 0.44 -0.37	12.30 0.36 0.00	15.94 0.54 0.00	17.74 0.66 0.00	18.19 0.59 0.00	19.32 0.62 0.00	20.27 0.72 0.00	23.73 1.12 0.00	31.36 1.63 0.00	23.38 1.11 0.00	19.88 0.92 0.00	19.66 0.80 0.00	18.56 0.77 0.00
BROOKLYN_NAVY_YARD 23515	20.06 0.19 0.00	18.73 0.17 0.00	18.59 0.11 0.00	19.15 0.14 0.00	18.71 0.21 0.00	21.30 0.35 0.00	21.35 0.44 0.00	27.90 0.97 0.00	23.18 0.72 0.00	20.00 0.65 0.00	18.04 0.66 -3.47	16.69 0.55 -0.38	12.47 0.52 0.00	16.07 0.68 0.00	17.78 0.69 0.00	18.31 0.72 0.00	19.40 0.69 0.00	20.19 0.63 0.00	23.36 0.76 0.00	30.85 1.12 0.00	23.09 0.82 0.00	19.60 0.65 0.00	19.41 0.55 0.00	18.22 0.42 0.00
BROOKLYN___ARMY_DRP 323595	20.19 0.32 0.00	18.82 0.26 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.28 0.00	21.40 0.45 0.00	21.46 0.55 0.00	28.04 1.11 0.00	23.37 0.92 0.00	20.17 0.81 0.00	18.19 0.81 -3.47	16.79 0.65 -0.38	12.55 0.61 0.00	16.18 0.78 0.00	17.92 0.83 0.00	18.45 0.85 0.00	19.55 0.84 0.00	20.35 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.74 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
BROOKVLE_69_KV_TB1 55790	20.36 0.49 0.00	18.97 0.41 0.00	18.81 0.33 0.00	19.37 0.36 0.00	18.94 0.43 0.00	21.65 0.70 0.00	21.75 0.84 0.00	28.37 1.43 0.00	23.48 1.02 0.00	20.28 0.93 0.00	18.26 0.88 -3.47	16.79 0.66 -0.37	12.54 0.60 0.00	16.21 0.81 0.00	18.02 0.93 0.00	18.51 0.92 0.00	19.64 0.94 0.00	20.48 0.93 0.00	23.79 1.19 0.00	31.46 1.73 0.00	23.52 1.24 0.00	19.99 1.03 0.00	19.79 0.94 0.00	18.58 0.78 0.00
BROOME_2_LFGE 323671	19.87 0.00 0.00	18.50 -0.06 0.00	18.42 -0.06 0.00	18.96 -0.05 0.00	18.45 -0.05 0.00	21.04 0.09 0.00	20.95 0.04 0.00	27.10 0.17 0.00	22.54 0.08 0.00	19.46 0.11 0.00	17.38 0.00 0.00	12.66 -0.01 0.00	11.60 0.03 0.00	15.44 0.04 0.00	17.11 0.03 0.00	17.64 0.04 0.00	18.71 0.01 0.00	19.53 -0.02 0.00	22.60 -0.01 0.00	29.75 0.02 0.00	22.16 -0.10 0.00	18.93 -0.03 0.00	18.88 0.02 0.00	17.72 -0.08 0.00
BROOME___LFGE 323600	19.87 0.00 0.00	18.50 -0.06 0.00	18.42 -0.06 0.00	18.96 -0.05 0.00	18.45 -0.05 0.00	21.04 0.09 0.00	20.95 0.04 0.00	27.10 0.17 0.00	22.54 0.08 0.00	19.46 0.11 0.00	17.38 0.00 0.00	12.66 -0.01 0.00	11.60 0.03 0.00	15.44 0.04 0.00	17.11 0.03 0.00	17.64 0.04 0.00	18.71 0.01 0.00	19.53 -0.02 0.00	22.60 -0.01 0.00	29.75 0.02 0.00	22.16 -0.10 0.00	18.93 -0.03 0.00	18.88 0.02 0.00	17.72 -0.08 0.00
BROWNFLS_115KV_TB_3_5 80003	19.23 -0.63 0.00	18.15 -0.42 0.00	18.11 -0.37 0.00	18.66 -0.35 0.00	18.22 -0.28 0.00	20.69 -0.26 0.00	20.76 -0.15 0.00	26.63 -0.30 0.00	22.18 -0.28 0.00	18.91 -0.44 0.00	16.84 -0.54 0.00	12.27 -0.40 0.00	11.21 -0.36 0.00	14.90 -0.50 0.00	16.64 -0.44 0.00	17.18 -0.42 0.00	18.40 -0.30 0.00	19.40 -0.15 0.00	22.39 -0.21 0.00	29.45 -0.28 0.00	21.96 -0.31 0.00	18.51 -0.44 0.00	18.21 -0.65 0.00	17.22 -0.58 0.00
BROWNSV1_27_KV_LOAD 356125	20.24 0.37 0.00	18.88 0.32 0.00	18.74 0.25 0.00	19.31 0.30 0.00	18.87 0.36 0.00	21.48 0.53 0.00	21.55 0.64 0.00	28.16 1.23 0.00	23.39 0.93 0.00	20.19 0.84 0.00	18.21 0.83 -3.47	16.81 0.67 -0.38	12.57 0.62 0.00	16.21 0.81 0.00	17.95 0.86 0.00	18.48 0.88 0.00	19.59 0.88 0.00	20.37 0.82 0.00	23.59 0.99 0.00	31.18 1.45 0.00	23.33 1.06 0.00	19.81 0.85 0.00	19.61 0.75 0.00	18.41 0.62 0.00
BURROWS___LYONSDAL 23803	19.70 -0.16 0.00	18.56 0.00 0.00	18.56 0.08 0.00	19.12 0.11 0.00	18.69 0.18 0.00	21.28 0.33 0.00	21.35 0.44 0.00	27.53 0.60 0.00	22.87 0.41 0.00	19.49 0.14 0.00	17.36 -0.02 0.00	12.65 -0.02 0.00	11.55 -0.02 0.00	15.36 -0.03 0.00	17.12 0.03 0.00	17.63 0.04 0.00	18.87 0.16 0.00	19.89 0.34 0.00	23.01 0.41 0.00	30.35 0.62 0.00	22.61 0.34 0.00	19.08 0.12 0.00	18.76 -0.10 0.00	17.66 -0.13 0.00
CAITHNESS_CC_1 323624	20.10 0.23 0.00	18.72 0.16 0.00	18.54 0.06 0.00	19.10 0.09 0.00	18.65 0.14 0.00	21.48 0.53 0.00	21.60 0.69 0.00	28.15 1.22 0.00	23.17 0.71 0.00	20.04 0.69 0.00	17.99 0.62 -3.47	16.58 0.45 -0.37	12.31 0.37 0.00	15.94 0.55 0.00	17.75 0.67 0.00	18.21 0.61 0.00	19.33 0.62 0.00	20.27 0.71 0.00	23.68 1.08 0.00	31.30 1.57 0.00	23.35 1.08 0.00	19.86 0.90 0.00	19.65 0.80 0.00	18.55 0.75 0.00
CALPINE BETH_PAGE_GT4 24209	20.19 0.32 0.00	18.80 0.24 0.00	18.64 0.16 0.00	19.19 0.18 0.00	18.75 0.25 0.00	21.46 0.51 0.00	21.56 0.65 0.00	28.11 1.17 0.00	23.26 0.80 0.00	20.11 0.76 0.00	18.10 0.72 -3.47	16.67 0.54 -0.37	12.43 0.48 0.00	16.05 0.65 0.00	17.84 0.76 0.00	18.33 0.74 0.00	19.46 0.76 0.00	20.29 0.74 0.00	23.59 0.99 0.00	31.21 1.48 0.00	23.33 1.06 0.00	19.84 0.89 0.00	19.65 0.79 0.00	18.46 0.66 0.00
CALPINE_BETH_PAGE_GT_4 323586	20.19 0.32 0.00	18.80 0.24 0.00	18.64 0.16 0.00	19.19 0.18 0.00	18.75 0.25 0.00	21.46 0.50 0.00	21.56 0.65 0.00	28.10 1.17 0.00	23.26 0.80 0.00	20.11 0.76 0.00	18.09 0.71 -3.47	16.67 0.54 -0.37	12.43 0.48 0.00	16.05 0.65 0.00	17.84 0.76 0.00	18.34 0.74 0.00	19.46 0.76 0.00	20.29 0.74 0.00	23.59 0.99 0.00	31.21 1.48 0.00	23.33 1.06 0.00	19.84 0.89 0.00	19.65 0.79 0.00	18.46 0.66 0.00
CALPINE_BP_GT1 23823	20.19 0.32 0.00	18.80 0.24 0.00	18.64 0.16 0.00	19.19 0.18 0.00	18.75 0.25 0.00	21.46 0.50 0.00	21.56 0.65 0.00	28.10 1.17 0.00	23.26 0.80 0.00	20.11 0.76 0.00	18.09 0.71 -3.47	16.67 0.54 -0.37	12.43 0.48 0.00	16.05 0.65 0.00	17.84 0.76 0.00	18.34 0.74 0.00	19.46 0.76 0.00	20.29 0.74 0.00	23.59 0.99 0.00	31.21 1.48 0.00	23.33 1.06 0.00	19.84 0.89 0.00	19.65 0.79 0.00	18.46 0.66 0.00
CALSPAN___DRP 24200	19.62 -0.24 0.00	18.25 -0.31 0.00	18.16 -0.32 0.00	18.73 -0.28 0.00	18.14 -0.37 0.00	20.74 -0.21 0.00	20.36 -0.55 0.00	25.61 -1.32 0.00	21.39 -1.07 0.00	18.85 -0.50 0.00	16.81 -0.57 0.00	12.27 -0.40 0.00	11.18 -0.40 0.00	14.93 -0.47 0.00	16.58 -0.51 0.00	17.02 -0.58 0.00	18.03 -0.68 0.00	18.69 -0.86 0.00	21.15 -1.45 0.00	27.66 -2.08 0.00	20.44 -1.83 0.00	17.63 -1.32 0.00	18.18 -0.67 0.00	17.51 -0.29 0.00

CALVERTON___SOLAR 323806	20.11 0.24 0.00	18.73 0.16 0.00	18.54 0.06 0.00	19.09 0.08 0.00	18.65 0.14 0.00	21.52 0.57 0.00	21.67 0.76 0.00	28.25 1.32 0.00	23.21 0.74 0.00	20.06 0.71 0.00	17.99 0.61 0.00	16.57 0.43 -3.47	12.30 0.35 -0.37	15.93 0.54 0.00	17.74 0.66 0.00	18.18 0.59 0.00	19.33 0.62 0.00	20.30 0.75 0.00	23.78 1.18 0.00	31.44 1.70 0.00	23.43 1.16 0.00	19.91 0.96 0.00	19.69 0.83 0.00	18.60 0.80 0.00
CANDIGU_WT_PWR 323617	19.87 0.01 0.00	18.54 -0.02 0.00	18.47 -0.01 0.00	19.04 0.03 0.00	18.52 0.02 0.00	21.33 0.38 0.00	21.22 0.31 0.00	27.27 0.34 0.00	22.62 0.16 0.00	19.57 0.22 0.00	17.37 -0.01 0.00	12.74 0.07 0.00	11.69 0.12 0.00	15.54 0.15 0.00	17.21 0.13 0.00	17.77 0.18 0.00	18.81 0.11 0.00	19.63 0.08 0.00	22.49 -0.11 0.00	29.25 -0.48 0.00	21.60 -0.67 0.00	18.60 -0.36 0.00	18.60 -0.26 0.00	17.35 -0.44 0.00
CARR STREET_E_SYR 24060	19.74 -0.12 0.00	18.43 -0.14 0.00	18.34 -0.13 0.00	18.87 -0.14 0.00	18.32 -0.19 0.00	20.76 -0.19 0.00	20.71 -0.20 0.00	26.66 -0.27 0.00	22.21 -0.25 0.00	19.15 -0.20 0.00	17.18 -0.20 0.00	12.52 -0.15 0.00	11.44 -0.13 0.00	15.21 -0.18 0.00	16.88 -0.21 0.00	17.39 -0.21 0.00	18.50 -0.20 0.00	19.32 -0.24 0.00	22.27 -0.34 0.00	29.29 -0.43 0.00	21.88 -0.39 0.00	18.68 -0.28 0.00	18.64 -0.21 0.00	17.57 -0.22 0.00
CARTHAGE___PAPER 23857	19.27 -0.59 0.00	18.28 -0.28 0.00	18.32 -0.16 0.00	18.88 -0.13 0.00	18.49 -0.01 0.00	21.10 0.15 0.00	21.22 0.31 0.00	27.26 0.33 0.00	22.61 0.15 0.00	19.10 -0.25 0.00	16.91 -0.47 0.00	12.36 -0.31 0.00	11.30 -0.27 0.00	15.03 -0.36 0.00	16.85 -0.23 0.00	17.44 -0.16 0.00	18.71 0.00 0.00	19.77 0.22 0.00	22.83 0.23 0.00	30.13 0.40 0.00	22.38 0.11 0.00	18.78 -0.17 0.00	18.34 -0.52 0.00	17.28 -0.52 0.00
CASSADAGA_WT_PWR 323784	20.13 0.26 0.00	18.69 0.13 0.00	18.60 0.12 0.00	19.19 0.18 0.00	18.60 0.10 0.00	21.37 0.42 0.00	21.02 0.11 0.00	26.69 -0.25 0.00	22.26 -0.20 0.00	19.58 0.23 0.00	17.44 0.06 0.00	12.71 0.04 0.00	11.61 0.04 0.00	15.45 0.05 0.00	17.21 0.13 0.00	17.65 0.05 0.00	18.63 -0.07 0.00	19.12 -0.43 0.00	21.52 -1.09 0.00	27.84 -1.89 0.00	20.21 -2.06 0.00	17.50 -1.46 0.00	17.84 -1.01 0.00	17.72 -0.07 0.00
CE_DUNWOOD___DRP 24194	20.07 0.21 0.00	18.73 0.17 0.00	18.60 0.12 0.00	19.15 0.14 0.00	18.71 0.21 0.00	21.31 0.36 0.00	21.35 0.44 0.00	27.85 0.92 0.00	23.11 0.65 0.00	19.91 0.56 0.00	17.94 0.56 0.00	16.57 0.45 -3.45	12.37 0.42 -0.37	15.95 0.55 0.00	17.68 0.59 0.00	18.20 0.60 0.00	19.29 0.58 0.00	20.10 0.55 0.00	23.31 0.70 0.00	30.81 1.08 0.00	23.05 0.78 0.00	19.58 0.63 0.00	19.40 0.54 0.00	18.23 0.43 0.00
CE_MILLWOOD___DRP 24193	20.06 0.20 0.00	18.72 0.16 0.00	18.59 0.11 0.00	19.14 0.13 0.00	18.70 0.19 0.00	21.30 0.35 0.00	21.33 0.42 0.00	27.83 0.89 0.00	23.08 0.62 0.00	19.89 0.54 0.00	17.92 0.54 0.00	16.52 0.42 -3.43	12.34 0.40 -0.37	15.92 0.53 0.00	17.65 0.57 0.00	18.18 0.58 0.00	19.27 0.56 0.00	20.07 0.52 0.00	23.28 0.68 0.00	30.78 1.04 0.00	23.02 0.75 0.00	19.55 0.60 0.00	19.38 0.52 0.00	18.21 0.41 0.00
CE_NYC2_DRP 24202	20.07 0.21 0.00	18.74 0.18 0.00	18.60 0.11 0.00	19.15 0.13 0.00	18.72 0.21 0.00	21.32 0.36 0.00	21.37 0.46 0.00	27.93 1.00 0.00	23.24 0.78 0.00	20.05 0.70 0.00	18.09 0.71 0.00	16.72 0.58 -3.47	12.51 0.56 -0.38	16.11 0.71 0.00	17.82 0.74 0.00	18.34 0.75 0.00	19.44 0.73 0.00	20.24 0.69 0.00	23.44 0.83 0.00	30.96 1.23 0.00	23.16 0.89 0.00	19.66 0.70 0.00	19.46 0.60 0.00	18.27 0.48 0.00
CE_NYC_DRP 24195	20.07 0.20 0.00	18.73 0.17 0.00	18.59 0.11 0.00	19.15 0.14 0.00	18.72 0.21 0.00	21.31 0.36 0.00	21.36 0.45 0.00	27.92 0.98 0.00	23.19 0.72 0.00	20.01 0.66 0.00	18.05 0.68 0.00	16.70 0.56 -3.47	12.47 0.53 -0.38	16.09 0.69 0.00	17.80 0.72 0.00	18.33 0.73 0.00	19.42 0.72 0.00	20.21 0.66 0.00	23.41 0.81 0.00	30.91 1.18 0.00	23.13 0.86 0.00	19.63 0.68 0.00	19.44 0.58 0.00	18.25 0.46 0.00
CHAFFEE___LFGE 323603	19.64 -0.22 0.00	18.30 -0.26 0.00	18.22 -0.26 0.00	18.78 -0.23 0.00	18.19 -0.32 0.00	20.81 -0.14 0.00	20.44 -0.48 0.00	25.73 -1.21 0.00	21.48 -0.98 0.00	18.93 -0.42 0.00	16.90 -0.48 0.00	12.31 -0.36 0.00	11.22 -0.36 0.00	14.99 -0.41 0.00	16.65 -0.43 0.00	17.09 -0.51 0.00	18.10 -0.60 0.00	18.77 -0.78 0.00	21.26 -1.35 0.00	27.81 -1.92 0.00	20.56 -1.71 0.00	17.73 -1.22 0.00	18.28 -0.58 0.00	17.57 -0.22 0.00
CHATEAUG_35_KV_LOAD 355732	20.42 0.56 0.00	19.06 0.49 0.00	18.89 0.41 0.00	19.43 0.42 0.00	18.85 0.34 0.00	21.21 0.25 0.00	21.14 0.23 0.00	27.18 0.25 0.00	22.70 0.23 0.00	19.58 0.23 0.00	17.65 0.27 0.00	12.84 0.17 0.00	11.71 0.13 0.00	15.57 0.17 0.00	17.32 0.24 0.00	17.85 0.26 0.00	19.12 0.42 0.00	20.09 0.53 0.00	23.20 0.59 0.00	30.40 0.67 0.00	22.78 0.51 0.00	19.30 0.35 0.00	19.09 0.24 0.00	18.07 0.28 0.00
CHATEAUG_WT_PWR 323614	20.43 0.57 0.00	19.06 0.50 0.00	18.88 0.40 0.00	19.43 0.42 0.00	18.85 0.34 0.00	21.16 0.21 0.00	21.12 0.21 0.00	27.18 0.25 0.00	22.69 0.23 0.00	19.59 0.24 0.00	17.66 0.28 0.00	12.86 0.19 0.00	11.72 0.15 0.00	15.57 0.18 0.00	17.31 0.23 0.00	17.88 0.28 0.00	19.12 0.42 0.00	20.10 0.55 0.00	23.20 0.60 0.00	30.41 0.67 0.00	22.79 0.52 0.00	19.30 0.35 0.00	19.08 0.22 0.00	18.04 0.24 0.00
CHAT_HIGH_FALL_HYD 323578	20.42 0.56 0.00	19.06 0.49 0.00	18.89 0.41 0.00	19.43 0.42 0.00	18.85 0.34 0.00	21.21 0.25 0.00	21.14 0.23 0.00	27.18 0.25 0.00	22.70 0.23 0.00	19.58 0.23 0.00	17.65 0.27 0.00	12.84 0.17 0.00	11.71 0.13 0.00	15.57 0.17 0.00	17.32 0.24 0.00	17.85 0.26 0.00	19.12 0.42 0.00	20.09 0.53 0.00	23.20 0.59 0.00	30.40 0.67 0.00	22.78 0.51 0.00	19.30 0.35 0.00	19.09 0.24 0.00	18.07 0.28 0.00
CHAUTAUQUA___LFGE 323629	19.79 -0.08 0.00	18.37 -0.19 0.00	18.28 -0.20 0.00	18.85 -0.16 0.00	18.27 -0.23 0.00	20.97 0.02 0.00	20.57 -0.33 0.00	26.04 -0.90 0.00	21.72 -0.74 0.00	19.12 -0.23 0.00	17.02 -0.36 0.00	12.40 -0.27 0.00	11.33 -0.24 0.00	15.11 -0.29 0.00	16.82 -0.26 0.00	17.27 -0.32 0.00	18.25 -0.46 0.00	18.85 -0.70 0.00	21.35 -1.26 0.00	27.81 -1.92 0.00	20.35 -1.91 0.00	17.57 -1.39 0.00	18.01 -0.84 0.00	17.54 -0.26 0.00
CHERRYST_13_KV_LD 356241	20.12 0.25 0.00	18.77 0.21 0.00	18.63 0.15 0.00	19.20 0.18 0.00	18.77 0.26 0.00	21.37 0.41 0.00	21.41 0.50 0.00	28.00 1.07 0.00	23.26 0.80 0.00	20.08 0.73 0.00	18.11 0.74 0.00	16.74 0.60 -3.47	12.51 0.56 -0.38	16.14 0.74 0.00	17.87 0.78 0.00	18.39 0.80 0.00	19.49 0.79 0.00	20.28 0.72 0.00	23.48 0.88 0.00	31.00 1.27 0.00	23.20 0.93 0.00	19.68 0.73 0.00	19.49 0.63 0.00	18.30 0.50 0.00

CHESTROR_138KV_BK263 355645	20.01 0.14 0.00	18.67 0.11 0.00	18.55 0.07 0.00	19.10 0.09 0.00	18.65 0.14 0.00	21.23 0.28 0.00	21.23 0.32 0.00	27.66 0.73 0.00	22.93 0.47 0.00	19.74 0.39 0.00	17.76 0.39 0.00	15.99 0.30 -3.02	12.18 0.28 -0.33	15.76 0.37 0.00	17.49 0.40 0.00	18.02 0.42 0.00	19.10 0.40 0.00	19.93 0.38 0.00	23.12 0.52 0.00	30.57 0.84 0.00	22.87 0.60 0.00	19.43 0.47 0.00	19.27 0.41 0.00	18.11 0.31 0.00
CH_MIDHUDSON___DRP 24192	20.08 0.21 0.00	18.74 0.18 0.00	18.63 0.15 0.00	19.17 0.16 0.00	18.72 0.22 0.00	21.30 0.35 0.00	21.32 0.42 0.00	27.80 0.87 0.00	23.06 0.60 0.00	19.80 0.45 0.00	17.82 0.44 0.00	16.37 0.33 -3.37	12.25 0.31 -0.37	15.79 0.40 0.00	17.52 0.43 0.00	18.05 0.45 0.00	19.13 0.43 0.00	19.99 0.43 0.00	23.22 0.61 0.00	30.72 0.99 0.00	22.99 0.72 0.00	19.53 0.58 0.00	19.35 0.49 0.00	18.19 0.39 0.00
CH_MISC_IPPS 23765	20.19 0.33 0.00	18.85 0.28 0.00	18.72 0.24 0.00	19.28 0.27 0.00	18.83 0.33 0.00	21.43 0.48 0.00	21.47 0.56 0.00	27.99 1.05 0.00	23.21 0.75 0.00	19.94 0.58 0.00	17.93 0.55 0.00	16.35 0.41 -3.27	12.30 0.38 -0.35	15.89 0.50 0.00	17.63 0.55 0.00	18.17 0.58 0.00	19.27 0.57 0.00	20.13 0.58 0.00	23.38 0.77 0.00	30.93 1.20 0.00	23.14 0.87 0.00	19.65 0.70 0.00	19.47 0.61 0.00	18.30 0.50 0.00
CH_RES_BVR_FALLS 23983	19.75 -0.12 0.00	18.53 -0.04 0.00	18.50 0.02 0.00	19.05 0.04 0.00	18.54 0.04 0.00	20.97 0.02 0.00	20.92 0.01 0.00	26.84 -0.09 0.00	22.43 -0.03 0.00	19.36 0.01 0.00	17.39 0.02 0.00	12.67 0.00 0.00	11.57 0.00 0.00	15.40 0.01 0.00	17.11 0.02 0.00	17.61 0.02 0.00	18.74 0.04 0.00	19.60 0.05 0.00	22.63 0.02 0.00	29.70 -0.03 0.00	22.24 -0.03 0.00	18.79 -0.16 0.00	18.66 -0.20 0.00	17.68 -0.12 0.00
CH_RES_NIAGARA 23895	18.91 -0.95 0.00	17.60 -0.96 0.00	17.52 -0.96 0.00	18.08 -0.94 0.00	17.49 -1.02 0.00	19.94 -1.01 0.00	19.52 -1.39 0.00	24.27 -2.66 0.00	20.22 -2.24 0.00	17.84 -1.51 0.00	15.98 -1.40 0.00	11.65 -1.02 0.00	10.61 -0.96 0.00	14.12 -1.28 0.00	15.68 -1.40 0.00	16.08 -1.52 0.00	17.06 -1.64 0.00	17.74 -1.81 0.00	20.09 -2.51 0.00	26.23 -3.50 0.00	19.43 -2.84 0.00	16.76 -2.19 0.00	17.43 -1.43 0.00	16.94 -0.86 0.00
CH_RES_SYRACUSE 23985	19.93 0.06 0.00	18.59 0.03 0.00	18.51 0.04 0.00	19.04 0.03 0.00	18.50 -0.01 0.00	20.98 0.03 0.00	20.92 0.01 0.00	26.94 0.01 0.00	22.43 -0.03 0.00	19.32 -0.03 0.00	17.31 -0.06 0.00	12.62 -0.05 0.00	11.53 -0.04 0.00	15.33 -0.06 0.00	17.01 -0.08 0.00	17.53 -0.07 0.00	18.67 -0.03 0.00	19.50 -0.05 0.00	22.48 -0.12 0.00	29.61 -0.13 0.00	22.09 -0.18 0.00	18.86 -0.10 0.00	18.83 -0.04 0.00	17.74 -0.06 0.00
CLINTON_WT_PWR 323605	20.43 0.57 0.00	19.06 0.50 0.00	18.88 0.40 0.00	19.43 0.42 0.00	18.85 0.34 0.00	21.16 0.21 0.00	21.12 0.21 0.00	27.18 0.25 0.00	22.69 0.23 0.00	19.59 0.24 0.00	17.66 0.28 0.00	12.86 0.19 0.00	11.72 0.15 0.00	15.57 0.18 0.00	17.31 0.23 0.00	17.88 0.28 0.00	19.12 0.42 0.00	20.10 0.55 0.00	23.20 0.60 0.00	30.41 0.67 0.00	22.79 0.52 0.00	19.30 0.35 0.00	19.08 0.22 0.00	18.04 0.24 0.00
CLINTON___LFGE 323618	20.68 0.82 0.00	19.28 0.71 0.00	19.07 0.60 0.00	19.63 0.62 0.00	19.05 0.55 0.00	21.37 0.42 0.00	21.36 0.45 0.00	27.57 0.64 0.00	23.02 0.56 0.00	19.82 0.47 0.00	17.82 0.44 0.00	12.97 0.30 0.00	11.82 0.25 0.00	15.68 0.29 0.00	17.46 0.38 0.00	18.03 0.43 0.00	19.31 0.61 0.00	20.33 0.78 0.00	23.48 0.88 0.00	30.80 1.07 0.00	23.08 0.81 0.00	19.53 0.58 0.00	19.27 0.41 0.00	18.22 0.42 0.00
COBBLENY_34_KV_TB1 80064	19.64 -0.22 0.00	18.30 -0.26 0.00	18.22 -0.26 0.00	18.78 -0.23 0.00	18.19 -0.32 0.00	20.81 -0.14 0.00	20.44 -0.47 0.00	25.73 -1.21 0.00	21.48 -0.98 0.00	18.92 -0.42 0.00	16.87 -0.51 0.00	12.31 -0.36 0.00	11.22 -0.36 0.00	14.99 -0.41 0.00	16.65 -0.44 0.00	17.09 -0.50 0.00	18.10 -0.60 0.00	18.77 -0.78 0.00	21.25 -1.35 0.00	27.81 -1.92 0.00	20.56 -1.71 0.00	17.73 -1.22 0.00	18.28 -0.57 0.00	17.57 -0.22 0.00
COFFEEN___115KV_TB3 355620	19.17 -0.70 0.00	18.18 -0.39 0.00	18.22 -0.26 0.00	18.78 -0.23 0.00	18.40 -0.11 0.00	21.02 0.06 0.00	21.15 0.24 0.00	27.20 0.26 0.00	22.53 0.07 0.00	18.92 -0.43 0.00	16.70 -0.67 0.00	12.25 -0.42 0.00	11.22 -0.35 0.00	14.87 -0.53 0.00	16.73 -0.35 0.00	17.38 -0.22 0.00	18.64 -0.06 0.00	19.72 0.17 0.00	22.77 0.17 0.00	30.07 0.34 0.00	22.31 0.04 0.00	18.72 -0.23 0.00	18.26 -0.60 0.00	17.17 -0.63 0.00
COLDSPRG_115KV_BK1 355956	20.39 0.52 0.00	18.95 0.39 0.00	18.85 0.37 0.00	19.45 0.44 0.00	18.85 0.34 0.00	21.66 0.71 0.00	21.37 0.46 0.00	27.17 0.24 0.00	22.67 0.21 0.00	19.92 0.57 0.00	17.75 0.38 0.00	12.97 0.30 0.00	11.87 0.30 0.00	15.89 0.49 0.00	17.65 0.56 0.00	18.11 0.51 0.00	19.08 0.38 0.00	19.58 0.02 0.00	22.14 -0.46 0.00	28.87 -0.85 0.00	21.20 -1.07 0.00	18.34 -0.61 0.00	18.75 -0.11 0.00	18.12 0.32 0.00
COLONIE_LFGE___ 323577	19.99 0.12 0.00	18.69 0.13 0.00	18.62 0.14 0.00	19.16 0.14 0.00	18.71 0.21 0.00	21.18 0.23 0.00	21.18 0.27 0.00	27.54 0.61 0.00	22.83 0.37 0.00	19.50 0.15 0.00	17.49 0.11 0.00	8.51 0.08 4.23	11.17 0.06 0.46	15.47 0.07 0.00	17.15 0.07 0.00	17.67 0.08 0.00	18.77 0.07 0.00	19.68 0.13 0.00	22.91 0.31 0.00	30.30 0.56 0.00	22.71 0.44 0.00	19.33 0.38 0.00	19.14 0.29 0.00	18.05 0.25 0.00
COOPERNY_115KV_TB1 80082	19.96 0.09 0.00	18.62 0.06 0.00	18.51 0.03 0.00	19.06 0.05 0.00	18.59 0.09 0.00	21.16 0.21 0.00	21.14 0.23 0.00	27.46 0.53 0.00	22.81 0.35 0.00	19.64 0.30 0.00	17.67 0.29 0.00	14.96 0.22 -2.07	12.00 0.21 -0.22	15.67 0.27 0.00	17.38 0.30 0.00	17.90 0.31 0.00	19.00 0.29 0.00	19.82 0.27 0.00	22.96 0.36 0.00	30.33 0.59 0.00	22.68 0.41 0.00	19.28 0.33 0.00	19.14 0.28 0.00	18.01 0.21 0.00
COPENHAGEN_WT_PWR 323753	18.94 -0.93 0.00	18.03 -0.53 0.00	18.11 -0.37 0.00	18.67 -0.34 0.00	18.29 -0.21 0.00	20.89 -0.06 0.00	20.98 0.07 0.00	26.96 0.02 0.00	22.37 -0.09 0.00	18.91 -0.44 0.00	16.75 -0.63 0.00	12.26 -0.41 0.00	11.22 -0.35 0.00	14.89 -0.51 0.00	16.70 -0.38 0.00	17.30 -0.30 0.00	18.54 -0.17 0.00	19.56 0.00 0.00	22.57 -0.03 0.00	29.79 0.06 0.00	22.09 -0.18 0.00	18.51 -0.45 0.00	17.99 -0.87 0.00	16.94 -0.86 0.00
CORNELL_____ 23752	20.21 0.34 0.00	18.83 0.26 0.00	18.75 0.27 0.00	19.29 0.28 0.00	18.78 0.28 0.00	21.41 0.46 0.00	21.36 0.45 0.00	27.59 0.66 0.00	22.93 0.46 0.00	19.66 0.31 0.00	17.51 0.13 0.00	12.74 0.07 0.00	11.65 0.08 0.00	15.51 0.11 0.00	17.17 0.09 0.00	17.70 0.10 0.00	18.92 0.21 0.00	19.84 0.29 0.00	22.95 0.34 0.00	30.23 0.50 0.00	22.51 0.24 0.00	19.19 0.24 0.00	19.13 0.28 0.00	18.00 0.20 0.00

CORONA__69_KV_TB1 355595	20.28 0.41 0.00	18.91 0.34 0.00	18.74 0.26 0.00	19.29 0.28 0.00	18.85 0.34 0.00	21.55 0.60 0.00	21.63 0.71 0.00	28.18 1.25 0.00	23.34 0.88 0.00	20.14 0.79 0.00	18.16 0.78 0.00	16.71 0.58 -3.47	12.47 0.52 -0.37	16.11 0.71 0.00	17.89 0.81 0.00	18.40 0.80 0.00	19.52 0.82 0.00	20.35 0.79 0.00	23.62 1.02 0.00	31.25 1.53 0.00	23.37 1.10 0.00	19.89 0.93 0.00	19.70 0.85 0.00	18.51 0.72 0.00
CORTLAND__115KV_TB3 80093	20.03 0.17 0.00	18.68 0.11 0.00	18.60 0.12 0.00	19.13 0.12 0.00	18.62 0.11 0.00	21.20 0.25 0.00	21.16 0.24 0.00	27.34 0.41 0.00	22.74 0.28 0.00	19.53 0.18 0.00	17.43 0.05 0.00	12.69 0.02 0.00	11.61 0.04 0.00	15.44 0.05 0.00	17.13 0.04 0.00	17.64 0.05 0.00	18.80 0.10 0.00	19.69 0.14 0.00	22.78 0.17 0.00	30.00 0.27 0.00	22.37 0.10 0.00	19.08 0.12 0.00	19.01 0.15 0.00	17.86 0.07 0.00
COXSACKIE__GT 23611	20.68 0.81 0.00	19.42 0.86 0.00	19.44 0.96 0.00	20.04 1.03 0.00	19.53 1.03 0.00	21.93 0.98 0.00	22.03 1.12 0.00	28.63 1.70 0.00	23.76 1.29 0.00	20.05 0.70 0.00	17.80 0.42 0.00	12.97 0.30 0.00	11.71 0.15 0.00	15.61 0.21 0.00	17.43 0.35 0.00	18.13 0.54 0.00	19.25 0.55 0.00	20.33 0.77 0.00	24.04 1.44 0.00	31.89 2.16 0.00	23.81 1.55 0.00	20.26 1.30 0.00	20.03 1.17 0.00	18.84 1.04 0.00
CPV_VALLEY__CC1 323721	19.90 0.03 0.00	18.57 0.01 0.00	18.45 -0.03 0.00	19.00 -0.01 0.00	18.55 0.04 0.00	21.11 0.16 0.00	21.10 0.19 0.00	27.47 0.54 0.00	22.79 0.33 0.00	19.63 0.28 0.00	17.67 0.29 0.00	15.59 0.23 -2.70	12.08 0.21 -0.29	15.68 0.29 0.00	17.40 0.31 0.00	17.93 0.33 0.00	19.00 0.30 0.00	19.81 0.26 0.00	22.97 0.37 0.00	30.35 0.62 0.00	22.70 0.43 0.00	19.30 0.34 0.00	19.14 0.29 0.00	18.00 0.20 0.00
CPV_VALLEY__CC2 323722	19.90 0.03 0.00	18.57 0.01 0.00	18.45 -0.03 0.00	19.00 -0.01 0.00	18.55 0.04 0.00	21.11 0.16 0.00	21.10 0.19 0.00	27.47 0.54 0.00	22.79 0.33 0.00	19.63 0.28 0.00	17.67 0.29 0.00	15.59 0.23 -2.70	12.08 0.21 -0.29	15.68 0.29 0.00	17.40 0.31 0.00	17.93 0.33 0.00	19.00 0.30 0.00	19.81 0.26 0.00	22.97 0.37 0.00	30.35 0.62 0.00	22.70 0.43 0.00	19.30 0.34 0.00	19.14 0.29 0.00	18.00 0.20 0.00
CRESCENT__HYD 24018	19.99 0.12 0.00	18.69 0.13 0.00	18.62 0.14 0.00	19.16 0.14 0.00	18.71 0.21 0.00	21.18 0.23 0.00	21.18 0.27 0.00	27.54 0.61 0.00	22.83 0.37 0.00	19.50 0.15 0.00	17.49 0.11 0.00	8.51 0.08 4.23	11.17 0.06 0.46	15.47 0.07 0.00	17.15 0.07 0.00	17.67 0.08 0.00	18.77 0.07 0.00	19.68 0.13 0.00	22.91 0.31 0.00	30.30 0.56 0.00	22.71 0.44 0.00	19.33 0.38 0.00	19.14 0.29 0.00	18.05 0.25 0.00
CRICKET__VALLEY_CC1 323756	19.84 -0.02 0.00	18.54 -0.03 0.00	18.44 -0.04 0.00	18.98 -0.03 0.00	18.53 0.02 0.00	21.03 0.08 0.00	21.04 0.13 0.00	27.43 0.49 0.00	22.74 0.28 0.00	19.49 0.14 0.00	17.57 0.19 0.00	19.36 0.15 -6.53	12.43 0.15 -0.71	15.57 0.18 0.00	17.27 0.19 0.00	17.79 0.19 0.00	18.82 0.12 0.00	19.68 0.12 0.00	22.89 0.28 0.00	30.31 0.57 0.00	22.72 0.45 0.00	19.31 0.35 0.00	19.10 0.24 0.00	17.98 0.19 0.00
CRICKET__VALLEY_CC2 323757	19.84 -0.02 0.00	18.54 -0.03 0.00	18.44 -0.04 0.00	18.98 -0.03 0.00	18.53 0.02 0.00	21.03 0.08 0.00	21.04 0.13 0.00	27.43 0.49 0.00	22.74 0.28 0.00	19.49 0.14 0.00	17.57 0.19 0.00	19.36 0.15 -6.53	12.43 0.15 -0.71	15.57 0.18 0.00	17.27 0.19 0.00	17.79 0.19 0.00	18.82 0.12 0.00	19.68 0.12 0.00	22.89 0.28 0.00	30.31 0.57 0.00	22.72 0.45 0.00	19.31 0.35 0.00	19.10 0.24 0.00	17.98 0.19 0.00
CRICKET__VALLEY_CC3 323758	19.84 -0.02 0.00	18.54 -0.03 0.00	18.44 -0.04 0.00	18.98 -0.03 0.00	18.53 0.02 0.00	21.03 0.08 0.00	21.04 0.13 0.00	27.43 0.49 0.00	22.74 0.28 0.00	19.49 0.14 0.00	17.57 0.19 0.00	17.44 0.15 -4.62	12.22 0.15 -0.50	15.57 0.18 0.00	17.27 0.19 0.00	17.79 0.19 0.00	18.82 0.12 0.00	19.68 0.12 0.00	22.89 0.28 0.00	30.31 0.57 0.00	22.72 0.45 0.00	19.31 0.35 0.00	19.10 0.24 0.00	17.98 0.19 0.00
CRUCIBLE_METL_DRP 24180	19.93 0.06 0.00	18.59 0.03 0.00	18.51 0.04 0.00	19.04 0.03 0.00	18.50 -0.01 0.00	20.98 0.03 0.00	20.92 0.01 0.00	26.94 0.01 0.00	22.43 -0.03 0.00	19.32 -0.03 0.00	17.31 -0.07 0.00	12.62 -0.05 0.00	11.53 -0.04 0.00	15.33 -0.06 0.00	17.00 -0.08 0.00	17.53 -0.07 0.00	18.67 -0.03 0.00	19.50 -0.05 0.00	22.48 -0.12 0.00	29.61 -0.13 0.00	22.09 -0.18 0.00	18.86 -0.09 0.00	18.83 -0.03 0.00	17.74 -0.06 0.00
DAHOWA__HYDRO 323763	20.20 0.33 0.00	18.88 0.32 0.00	18.79 0.32 0.00	19.34 0.33 0.00	18.91 0.41 0.00	21.47 0.52 0.00	21.53 0.62 0.00	28.04 1.11 0.00	23.26 0.79 0.00	19.79 0.44 0.00	17.66 0.28 0.00	9.40 0.15 3.42	11.34 0.14 0.37	15.56 0.16 0.00	17.26 0.17 0.00	17.80 0.20 0.00	18.96 0.26 0.00	20.01 0.45 0.00	23.35 0.75 0.00	30.89 1.16 0.00	23.12 0.84 0.00	19.59 0.63 0.00	19.36 0.50 0.00	18.22 0.43 0.00
DANC__LFGE 323619	19.16 -0.71 0.00	18.09 -0.47 0.00	18.11 -0.37 0.00	18.66 -0.36 0.00	18.21 -0.30 0.00	20.72 -0.23 0.00	20.76 -0.14 0.00	26.69 -0.24 0.00	22.18 -0.28 0.00	18.87 -0.48 0.00	16.81 -0.57 0.00	12.28 -0.39 0.00	11.23 -0.34 0.00	14.91 -0.48 0.00	16.65 -0.43 0.00	17.22 -0.38 0.00	18.40 -0.30 0.00	19.36 -0.20 0.00	22.33 -0.27 0.00	29.45 -0.28 0.00	21.90 -0.37 0.00	18.49 -0.47 0.00	18.16 -0.70 0.00	17.10 -0.69 0.00
DANSKAMMER__1 23586	20.19 0.33 0.00	18.85 0.28 0.00	18.72 0.24 0.00	19.28 0.27 0.00	18.83 0.33 0.00	21.43 0.48 0.00	21.47 0.56 0.00	27.99 1.05 0.00	23.21 0.75 0.00	19.94 0.58 0.00	17.93 0.55 0.00	16.35 0.41 -3.27	12.30 0.38 -0.35	15.89 0.50 0.00	17.63 0.55 0.00	18.17 0.58 0.00	19.27 0.57 0.00	20.13 0.58 0.00	23.38 0.77 0.00	30.93 1.20 0.00	23.14 0.87 0.00	19.65 0.70 0.00	19.47 0.61 0.00	18.30 0.50 0.00
DANSKAMMER__2 23589	20.19 0.33 0.00	18.85 0.28 0.00	18.72 0.24 0.00	19.28 0.27 0.00	18.83 0.33 0.00	21.43 0.48 0.00	21.47 0.56 0.00	27.99 1.05 0.00	23.21 0.75 0.00	19.94 0.58 0.00	17.93 0.55 0.00	16.35 0.41 -3.27	12.30 0.38 -0.35	15.89 0.50 0.00	17.63 0.55 0.00	18.17 0.58 0.00	19.27 0.57 0.00	20.13 0.58 0.00	23.38 0.77 0.00	30.93 1.20 0.00	23.14 0.87 0.00	19.65 0.70 0.00	19.47 0.61 0.00	18.30 0.50 0.00
DANSKAMMER__3 23590	20.19 0.33 0.00	18.85 0.28 0.00	18.72 0.24 0.00	19.28 0.27 0.00	18.83 0.33 0.00	21.43 0.48 0.00	21.47 0.56 0.00	27.99 1.05 0.00	23.21 0.75 0.00	19.94 0.58 0.00	17.93 0.55 0.00	16.35 0.41 -3.27	12.30 0.38 -0.35	15.89 0.50 0.00	17.63 0.55 0.00	18.17 0.58 0.00	19.27 0.57 0.00	20.13 0.58 0.00	23.38 0.77 0.00	30.93 1.20 0.00	23.14 0.87 0.00	19.65 0.70 0.00	19.47 0.61 0.00	18.30 0.50 0.00

DANSKAMMER___4 23591	20.19 0.33 0.00	18.85 0.28 0.00	18.72 0.24 0.00	19.28 0.27 0.00	18.83 0.33 0.00	21.43 0.48 0.00	21.47 0.56 0.00	27.99 1.05 0.00	23.21 0.75 0.00	19.94 0.58 0.00	17.93 0.55 0.00	16.35 0.41 -3.27	12.30 0.38 -0.35	15.89 0.50 0.00	17.63 0.55 0.00	18.17 0.58 0.00	19.27 0.57 0.00	20.13 0.58 0.00	23.38 0.77 0.00	30.93 1.20 0.00	23.14 0.87 0.00	19.65 0.70 0.00	19.47 0.61 0.00	18.30 0.50 0.00
DANSKAMMER___DIESEL 23592	20.19 0.33 0.00	18.85 0.28 0.00	18.72 0.24 0.00	19.28 0.27 0.00	18.83 0.33 0.00	21.43 0.48 0.00	21.47 0.56 0.00	27.99 1.05 0.00	23.21 0.75 0.00	19.93 0.58 0.00	17.93 0.55 0.00	16.35 0.41 -3.27	12.30 0.38 -0.35	15.89 0.50 0.00	17.63 0.55 0.00	18.17 0.57 0.00	19.27 0.57 0.00	20.13 0.58 0.00	23.38 0.78 0.00	30.93 1.20 0.00	23.14 0.87 0.00	19.66 0.70 0.00	19.47 0.61 0.00	18.30 0.50 0.00
DARBY___SOLAR 323810	20.17 0.30 0.00	18.86 0.29 0.00	18.77 0.29 0.00	19.31 0.30 0.00	18.88 0.37 0.00	21.42 0.47 0.00	21.47 0.56 0.00	27.94 1.01 0.00	23.17 0.71 0.00	19.72 0.37 0.00	17.61 0.23 0.00	9.23 0.12 3.56	11.29 0.11 0.39	15.51 0.12 0.00	17.21 0.13 0.00	17.75 0.16 0.00	18.92 0.22 0.00	19.96 0.40 0.00	23.29 0.68 0.00	30.79 1.06 0.00	23.04 0.78 0.00	19.57 0.61 0.00	19.35 0.49 0.00	18.22 0.43 0.00
DASHVILLE___HYD 23610	20.00 0.14 0.00	18.63 0.07 0.00	18.50 0.01 0.00	19.04 0.03 0.00	18.60 0.09 0.00	21.18 0.23 0.00	21.21 0.30 0.00	27.66 0.73 0.00	22.99 0.53 0.00	19.74 0.39 0.00	17.76 0.39 0.00	14.67 0.31 -1.69	12.03 0.27 -0.19	15.74 0.34 0.00	17.46 0.37 0.00	18.00 0.40 0.00	19.07 0.37 0.00	19.90 0.35 0.00	23.12 0.52 0.00	30.57 0.84 0.00	22.89 0.61 0.00	19.44 0.48 0.00	19.25 0.39 0.00	18.09 0.29 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	20.24 0.37 0.00	18.85 0.28 0.00	18.63 0.15 0.00	19.15 0.13 0.00	18.72 0.21 0.00	21.62 0.67 0.00	21.81 0.90 0.00	28.53 1.60 0.00	23.49 1.03 0.00	20.32 0.97 0.00	18.20 0.82 0.00	16.70 0.56 -3.47	12.41 0.46 -0.37	16.08 0.68 0.00	17.91 0.83 0.00	18.35 0.76 0.00	19.53 0.83 0.00	20.53 0.98 0.00	24.09 1.49 0.00	31.87 2.14 0.00	23.72 1.45 0.00	20.16 1.20 0.00	19.90 1.04 0.00	18.74 0.95 0.00
DELAWARE___LFGE 323621	20.12 0.25 0.00	18.76 0.19 0.00	18.68 0.21 0.00	19.24 0.23 0.00	18.75 0.24 0.00	21.34 0.39 0.00	21.33 0.42 0.00	27.61 0.68 0.00	22.95 0.49 0.00	19.76 0.41 0.00	17.73 0.35 0.00	12.92 0.25 0.00	11.81 0.24 0.00	15.71 0.31 0.00	17.42 0.34 0.00	17.96 0.36 0.00	19.06 0.36 0.00	19.93 0.37 0.00	23.06 0.46 0.00	30.38 0.65 0.00	22.67 0.41 0.00	19.26 0.31 0.00	19.15 0.29 0.00	18.03 0.23 0.00
DERFIELD_115KV_TB7 355931	19.80 -0.06 0.00	18.51 -0.06 0.00	18.43 -0.05 0.00	18.97 -0.04 0.00	18.48 -0.02 0.00	20.93 -0.02 0.00	20.91 0.00 0.00	27.01 0.08 0.00	22.48 0.02 0.00	19.33 -0.02 0.00	17.36 -0.02 0.00	12.66 -0.01 0.00	11.56 -0.01 0.00	15.38 -0.02 0.00	17.07 -0.02 0.00	17.58 -0.02 0.00	18.68 -0.02 0.00	19.54 -0.02 0.00	22.62 0.02 0.00	29.81 0.07 0.00	22.32 0.04 0.00	18.98 0.02 0.00	18.86 0.00 0.00	17.77 -0.03 0.00
DOGLEVILLE___HYD 23807	19.22 -0.64 0.00	17.90 -0.66 0.00	17.86 -0.62 0.00	18.38 -0.63 0.00	18.00 -0.51 0.00	20.48 -0.47 0.00	20.64 -0.27 0.00	26.99 0.06 0.00	22.33 -0.13 0.00	18.94 -0.41 0.00	16.87 -0.51 0.00	12.28 -0.39 0.00	11.19 -0.39 0.00	14.88 -0.51 0.00	16.52 -0.56 0.00	17.03 -0.56 0.00	18.13 -0.58 0.00	19.12 -0.44 0.00	22.38 -0.22 0.00	29.68 -0.05 0.00	22.22 -0.05 0.00	18.70 -0.26 0.00	18.41 -0.45 0.00	17.20 -0.60 0.00
DUNKIRK___115KV_TB_200 55889	19.74 -0.12 0.00	18.33 -0.23 0.00	18.23 -0.24 0.00	18.81 -0.20 0.00	18.23 -0.28 0.00	20.91 -0.04 0.00	20.52 -0.39 0.00	25.95 -0.98 0.00	21.65 -0.81 0.00	19.07 -0.28 0.00	16.95 -0.43 0.00	12.37 -0.30 0.00	11.30 -0.27 0.00	15.07 -0.33 0.00	16.77 -0.31 0.00	17.22 -0.37 0.00	18.20 -0.50 0.00	18.82 -0.74 0.00	21.32 -1.28 0.00	27.79 -1.94 0.00	20.38 -1.89 0.00	17.58 -1.37 0.00	18.04 -0.81 0.00	17.52 -0.28 0.00
DUNKIRK___1 23563	19.74 -0.12 0.00	18.33 -0.23 0.00	18.23 -0.24 0.00	18.81 -0.20 0.00	18.23 -0.28 0.00	20.91 -0.04 0.00	20.52 -0.39 0.00	25.95 -0.98 0.00	21.65 -0.81 0.00	19.07 -0.28 0.00	16.95 -0.43 0.00	12.37 -0.30 0.00	11.30 -0.27 0.00	15.07 -0.33 0.00	16.77 -0.31 0.00	17.22 -0.37 0.00	18.20 -0.50 0.00	18.82 -0.74 0.00	21.32 -1.28 0.00	27.79 -1.94 0.00	20.38 -1.89 0.00	17.58 -1.37 0.00	18.04 -0.81 0.00	17.52 -0.28 0.00
DUNKIRK___2 23564	19.74 -0.12 0.00	18.33 -0.23 0.00	18.23 -0.24 0.00	18.81 -0.20 0.00	18.23 -0.28 0.00	20.91 -0.04 0.00	20.52 -0.39 0.00	25.95 -0.98 0.00	21.65 -0.81 0.00	19.07 -0.28 0.00	16.95 -0.43 0.00	12.37 -0.30 0.00	11.30 -0.27 0.00	15.07 -0.33 0.00	16.77 -0.31 0.00	17.22 -0.37 0.00	18.20 -0.50 0.00	18.82 -0.74 0.00	21.32 -1.28 0.00	27.79 -1.94 0.00	20.38 -1.89 0.00	17.58 -1.37 0.00	18.04 -0.81 0.00	17.52 -0.28 0.00
DUNKIRK___3 23565	19.68 -0.18 0.00	18.28 -0.28 0.00	18.18 -0.29 0.00	18.76 -0.26 0.00	18.18 -0.33 0.00	20.85 -0.10 0.00	20.45 -0.46 0.00	25.86 -1.07 0.00	21.58 -0.88 0.00	19.00 -0.35 0.00	16.90 -0.48 0.00	12.35 -0.32 0.00	11.28 -0.29 0.00	15.06 -0.34 0.00	16.75 -0.34 0.00	17.21 -0.39 0.00	18.16 -0.54 0.00	18.77 -0.79 0.00	21.29 -1.31 0.00	27.81 -1.92 0.00	20.43 -1.84 0.00	17.64 -1.32 0.00	18.08 -0.78 0.00	17.45 -0.34 0.00
DUNKIRK___4 23566	19.68 -0.18 0.00	18.28 -0.28 0.00	18.18 -0.29 0.00	18.76 -0.26 0.00	18.18 -0.33 0.00	20.85 -0.10 0.00	20.45 -0.46 0.00	25.88 -1.06 0.00	21.59 -0.87 0.00	19.01 -0.34 0.00	16.91 -0.47 0.00	12.35 -0.32 0.00	11.27 -0.30 0.00	15.04 -0.36 0.00	16.73 -0.36 0.00	17.18 -0.41 0.00	18.16 -0.54 0.00	18.79 -0.77 0.00	21.28 -1.32 0.00	27.77 -1.96 0.00	20.41 -1.86 0.00	17.61 -1.34 0.00	18.10 -0.76 0.00	17.51 -0.28 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.09 0.22 0.00	18.74 0.17 0.00	18.61 0.12 0.00	19.16 0.15 0.00	18.72 0.21 0.00	21.32 0.37 0.00	21.36 0.45 0.00	27.88 0.94 0.00	23.13 0.67 0.00	19.94 0.59 0.00	17.97 0.59 0.00	16.61 0.47 -3.47	12.39 0.44 -0.38	15.97 0.57 0.00	17.70 0.61 0.00	18.22 0.63 0.00	19.32 0.61 0.00	20.12 0.57 0.00	23.34 0.74 0.00	30.84 1.11 0.00	23.08 0.81 0.00	19.60 0.65 0.00	19.42 0.56 0.00	18.25 0.45 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.09 0.23 0.00	18.75 0.19 0.00	18.62 0.14 0.00	19.17 0.16 0.00	18.72 0.22 0.00	21.33 0.38 0.00	21.34 0.43 0.00	27.81 0.88 0.00	23.04 0.57 0.00	19.82 0.47 0.00	17.83 0.45 0.00	16.13 0.34 -3.13	12.22 0.32 -0.33	15.82 0.42 0.00	17.55 0.47 0.00	18.08 0.49 0.00	19.18 0.47 0.00	20.02 0.46 0.00	23.24 0.64 0.00	30.74 1.01 0.00	22.99 0.72 0.00	19.53 0.58 0.00	19.37 0.51 0.00	18.19 0.40 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	20.08 0.21 0.00	18.79 0.22 0.00	18.64 0.16 0.00	19.18 0.17 0.00	18.76 0.25 0.00	21.35 0.40 0.00	21.41 0.50 0.00	27.94 1.00 0.00	23.26 0.80 0.00	20.04 0.69 0.00	18.08 0.70 0.00	16.71 0.57 -3.47	12.48 0.54 -0.38	16.08 0.68 0.00	17.81 0.72 0.00	18.33 0.73 0.00	19.42 0.72 0.00	20.23 0.68 0.00	23.43 0.82 0.00	30.96 1.23 0.00	23.18 0.91 0.00	19.67 0.72 0.00	19.47 0.61 0.00	18.31 0.51 0.00
E179THST_13_KV_LOAD 356214	20.17 0.30 0.00	18.86 0.30 0.00	18.71 0.23 0.00	19.26 0.24 0.00	18.82 0.32 0.00	21.43 0.48 0.00	21.50 0.59 0.00	28.06 1.13 0.00	23.37 0.91 0.00	20.14 0.78 0.00	18.17 0.79 0.00	16.77 0.63 -3.47	12.53 0.59 -0.38	16.15 0.75 0.00	17.89 0.80 0.00	18.41 0.81 0.00	19.51 0.81 0.00	20.33 0.77 0.00	23.53 0.93 0.00	31.11 1.38 0.00	23.28 1.01 0.00	19.76 0.80 0.00	19.55 0.69 0.00	18.38 0.58 0.00
EAST HAMPTON___GT 23717	20.26 0.39 0.00	18.88 0.32 0.00	18.61 0.13 0.00	19.09 0.08 0.00	18.66 0.15 0.00	21.55 0.60 0.00	21.79 0.88 0.00	28.62 1.69 0.00	23.66 1.20 0.00	20.51 1.16 0.00	18.34 0.96 0.00	16.80 0.66 -3.47	12.50 0.55 -0.37	16.18 0.78 0.00	18.03 0.95 0.00	18.49 0.89 0.00	19.68 0.98 0.00	20.70 1.15 0.00	24.31 1.71 0.00	32.18 2.45 0.00	23.93 1.66 0.00	20.32 1.37 0.00	20.05 1.19 0.00	18.79 1.00 0.00
EAST RIVER___6 23660	20.06 0.19 0.00	18.72 0.16 0.00	18.57 0.09 0.00	19.14 0.12 0.00	18.71 0.20 0.00	21.30 0.35 0.00	21.35 0.44 0.00	27.92 0.99 0.00	23.21 0.75 0.00	20.04 0.69 0.00	18.07 0.68 0.00	16.72 0.58 -3.47	12.49 0.54 -0.38	16.11 0.71 0.00	17.83 0.75 0.00	18.37 0.77 0.00	19.45 0.75 0.00	20.23 0.68 0.00	23.46 0.85 0.00	30.97 1.23 0.00	23.15 0.88 0.00	19.64 0.68 0.00	19.44 0.58 0.00	18.24 0.45 0.00
EAST RIVER___7 23524	20.06 0.19 0.00	18.72 0.16 0.00	18.57 0.09 0.00	19.14 0.12 0.00	18.71 0.20 0.00	21.30 0.35 0.00	21.35 0.44 0.00	27.92 0.99 0.00	23.21 0.75 0.00	20.04 0.69 0.00	18.07 0.68 0.00	16.72 0.58 -3.47	12.49 0.54 -0.38	16.11 0.71 0.00	17.83 0.75 0.00	18.37 0.77 0.00	19.45 0.75 0.00	20.23 0.68 0.00	23.46 0.85 0.00	30.97 1.23 0.00	23.15 0.88 0.00	19.64 0.68 0.00	19.44 0.58 0.00	18.24 0.45 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.07 0.21 0.00	18.73 0.17 0.00	18.60 0.12 0.00	19.15 0.14 0.00	18.71 0.21 0.00	21.31 0.36 0.00	21.35 0.44 0.00	27.85 0.92 0.00	23.11 0.65 0.00	19.91 0.56 0.00	17.94 0.56 0.00	16.57 0.45 -3.45	12.37 0.42 -0.37	15.95 0.55 0.00	17.68 0.59 0.00	18.20 0.60 0.00	19.29 0.58 0.00	20.10 0.55 0.00	23.31 0.70 0.00	30.81 1.08 0.00	23.05 0.78 0.00	19.58 0.63 0.00	19.40 0.54 0.00	18.23 0.43 0.00
EAST_HAMPTON___DIESEL 23722	20.24 0.37 0.00	18.87 0.30 0.00	18.60 0.12 0.00	19.06 0.04 0.00	18.63 0.12 0.00	21.52 0.57 0.00	21.77 0.85 0.00	28.60 1.66 0.00	23.65 1.19 0.00	20.51 1.16 0.00	18.34 0.96 0.00	16.80 0.66 -3.47	12.50 0.55 -0.37	16.18 0.78 0.00	18.03 0.95 0.00	18.49 0.89 0.00	19.68 0.98 0.00	20.70 1.15 0.00	24.31 1.71 0.00	32.18 2.45 0.00	23.93 1.66 0.00	20.32 1.36 0.00	20.04 1.18 0.00	18.78 0.98 0.00
EAST_PULASKI___ESR 323781	19.42 -0.45 0.00	18.21 -0.35 0.00	18.16 -0.32 0.00	18.69 -0.32 0.00	18.18 -0.32 0.00	20.62 -0.33 0.00	20.61 -0.30 0.00	26.51 -0.42 0.00	22.05 -0.41 0.00	18.89 -0.46 0.00	16.91 -0.47 0.00	12.33 -0.34 0.00	11.27 -0.31 0.00	14.97 -0.42 0.00	16.65 -0.43 0.00	17.18 -0.42 0.00	18.32 -0.38 0.00	19.21 -0.34 0.00	22.16 -0.44 0.00	29.20 -0.53 0.00	21.79 -0.48 0.00	18.52 -0.43 0.00	18.36 -0.50 0.00	17.30 -0.50 0.00
EAST_RIVER___1 323558	20.07 0.20 0.00	18.73 0.16 0.00	18.59 0.11 0.00	19.15 0.14 0.00	18.72 0.21 0.00	21.31 0.36 0.00	21.36 0.45 0.00	27.92 0.98 0.00	23.19 0.72 0.00	20.02 0.67 0.00	18.04 0.66 0.00	16.70 0.56 -3.47	12.47 0.53 -0.38	16.08 0.69 0.00	17.80 0.72 0.00	18.33 0.74 0.00	19.42 0.72 0.00	20.21 0.65 0.00	23.41 0.81 0.00	30.91 1.18 0.00	23.13 0.86 0.00	19.63 0.68 0.00	19.44 0.58 0.00	18.25 0.46 0.00
EAST_RIVER___2 323559	20.06 0.19 0.00	18.72 0.16 0.00	18.57 0.09 0.00	19.14 0.12 0.00	18.71 0.20 0.00	21.30 0.35 0.00	21.35 0.44 0.00	27.92 0.99 0.00	23.21 0.75 0.00	20.04 0.69 0.00	18.07 0.68 0.00	16.72 0.58 -3.47	12.49 0.54 -0.38	16.11 0.71 0.00	17.83 0.75 0.00	18.37 0.77 0.00	19.45 0.75 0.00	20.23 0.68 0.00	23.46 0.85 0.00	30.97 1.23 0.00	23.15 0.88 0.00	19.64 0.68 0.00	19.44 0.58 0.00	18.24 0.45 0.00
EAST___DELAWARE_HYD 23607	20.69 0.82 0.00	19.27 0.71 0.00	19.13 0.65 0.00	19.69 0.68 0.00	19.24 0.73 0.00	21.97 1.02 0.00	22.01 1.10 0.00	28.63 1.70 0.00	23.76 1.30 0.00	20.36 1.01 0.00	18.25 0.87 0.00	15.39 0.61 -2.11	12.37 0.56 -0.23	16.14 0.75 0.00	17.90 0.82 0.00	18.46 0.87 0.00	19.60 0.89 0.00	20.51 0.96 0.00	23.87 1.27 0.00	31.56 1.83 0.00	23.57 1.30 0.00	20.01 1.05 0.00	19.84 0.98 0.00	18.64 0.84 0.00
EIGHT_POINT___WT_PWR 323820	20.01 0.15 0.00	18.76 0.20 0.00	18.69 0.21 0.00	19.29 0.28 0.00	18.78 0.28 0.00	21.67 0.72 0.00	21.60 0.69 0.00	27.79 0.85 0.00	23.03 0.57 0.00	19.83 0.48 0.00	17.54 0.16 0.00	12.87 0.19 0.00	11.79 0.22 0.00	15.65 0.26 0.00	17.31 0.23 0.00	17.89 0.30 0.00	18.97 0.27 0.00	19.92 0.37 0.00	22.88 0.27 0.00	29.55 -0.18 0.00	21.54 -0.73 0.00	18.62 -0.33 0.00	18.58 -0.28 0.00	17.35 -0.45 0.00
ELBRIDGE_115KV_TB2 80188	19.89 0.03 0.00	18.56 -0.01 0.00	18.48 0.00 0.00	19.00 -0.01 0.00	18.47 -0.04 0.00	20.97 0.02 0.00	20.88 -0.03 0.00	26.88 -0.05 0.00	22.38 -0.08 0.00	19.28 -0.06 0.00	17.26 -0.11 0.00	12.58 -0.09 0.00	11.49 -0.08 0.00	15.29 -0.11 0.00	16.95 -0.13 0.00	17.48 -0.12 0.00	18.61 -0.09 0.00	19.45 -0.11 0.00	22.42 -0.18 0.00	29.53 -0.21 0.00	22.02 -0.25 0.00	18.81 -0.14 0.00	18.78 -0.08 0.00	17.71 -0.08 0.00
ELEC_TRO_TEK 24086	20.19 0.32 0.00	18.82 0.26 0.00	18.66 0.18 0.00	19.22 0.20 0.00	18.77 0.26 0.00	21.47 0.52 0.00	21.54 0.63 0.00	28.08 1.15 0.00	23.25 0.79 0.00	20.07 0.72 0.00	18.08 0.71 0.00	16.67 0.53 -3.47	12.43 0.48 -0.37	16.05 0.66 0.00	17.83 0.74 0.00	18.33 0.73 0.00	19.45 0.75 0.00	20.28 0.72 0.00	23.55 0.95 0.00	31.13 1.40 0.00	23.28 1.01 0.00	19.80 0.85 0.00	19.61 0.75 0.00	18.42 0.63 0.00
ELLENBURG_WT_PWR 323604	20.43 0.57 0.00	19.06 0.50 0.00	18.88 0.40 0.00	19.43 0.42 0.00	18.85 0.34 0.00	21.16 0.21 0.00	21.12 0.21 0.00	27.18 0.25 0.00	22.69 0.23 0.00	19.59 0.24 0.00	17.66 0.28 0.00	12.86 0.19 0.00	11.72 0.15 0.00	15.57 0.18 0.00	17.31 0.23 0.00	17.88 0.28 0.00	19.12 0.42 0.00	20.10 0.55 0.00	23.20 0.60 0.00	30.41 0.67 0.00	22.79 0.52 0.00	19.30 0.35 0.00	19.08 0.22 0.00	18.04 0.24 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.46 -0.41 0.00	18.10 -0.46 0.00	18.01 -0.47 0.00	18.58 -0.44 0.00	17.99 -0.52 0.00	20.56 -0.39 0.00	20.18 -0.73 0.00	25.35 -1.59 0.00	21.16 -1.30 0.00	18.65 -0.70 0.00	16.65 -0.74 0.00	12.15 -0.52 0.00	11.07 -0.51 0.00	14.77 -0.62 0.00	16.41 -0.68 0.00	16.84 -0.75 0.00	17.85 -0.86 0.00	18.51 -1.04 0.00	20.95 -1.65 0.00	27.39 -2.34 0.00	20.25 -2.02 0.00	17.47 -1.49 0.00	18.04 -0.82 0.00	17.38 -0.41 0.00
EMPIRE_CC_1 323656	19.79 -0.07 0.00	18.52 -0.04 0.00	18.46 -0.02 0.00	19.00 -0.01 0.00	18.55 0.05 0.00	20.97 0.02 0.00	20.88 -0.02 0.00	27.17 0.23 0.00	22.54 0.08 0.00	19.28 -0.07 0.00	17.34 -0.03 0.00	7.11 0.01 5.57	10.96 -0.01 0.60	15.39 0.00 0.00	17.06 -0.02 0.00	17.56 -0.03 0.00	18.63 -0.08 0.00	19.43 -0.12 0.00	22.60 0.00 0.00	29.85 0.11 0.00	22.41 0.14 0.00	19.11 0.15 0.00	18.94 0.08 0.00	17.89 0.09 0.00
EMPIRE_CC_2 323658	19.79 -0.07 0.00	18.52 -0.04 0.00	18.46 -0.02 0.00	19.00 -0.01 0.00	18.55 0.05 0.00	20.97 0.02 0.00	20.88 -0.02 0.00	27.17 0.23 0.00	22.54 0.08 0.00	19.28 -0.07 0.00	17.34 -0.03 0.00	7.11 0.01 5.57	10.96 -0.01 0.60	15.39 0.00 0.00	17.06 -0.02 0.00	17.56 -0.03 0.00	18.63 -0.08 0.00	19.43 -0.12 0.00	22.60 0.00 0.00	29.85 0.11 0.00	22.41 0.14 0.00	19.11 0.15 0.00	18.94 0.08 0.00	17.89 0.09 0.00
ENORWICH_115KV_TB1 80156	21.04 1.17 0.00	19.52 0.96 0.00	19.58 1.10 0.00	20.16 1.14 0.00	19.75 1.24 0.00	22.69 1.74 0.00	22.74 1.83 0.00	29.42 2.49 0.00	24.32 1.86 0.00	20.65 1.30 0.00	18.22 0.84 0.00	13.20 0.53 0.00	12.07 0.50 0.00	16.08 0.68 0.00	17.78 0.69 0.00	18.35 0.76 0.00	19.83 1.13 0.00	20.95 1.40 0.00	24.26 1.65 0.00	31.86 2.13 0.00	23.44 1.17 0.00	19.82 0.86 0.00	19.79 0.94 0.00	18.65 0.85 0.00
ERIE_ST__34_KV_TB1-2 80199	19.97 0.10 0.00	18.57 0.01 0.00	18.46 -0.02 0.00	19.04 0.03 0.00	18.44 -0.06 0.00	21.10 0.14 0.00	20.75 -0.16 0.00	26.15 -0.78 0.00	21.86 -0.60 0.00	19.23 -0.11 0.00	17.16 -0.21 0.00	12.52 -0.15 0.00	11.42 -0.15 0.00	15.27 -0.13 0.00	16.95 -0.13 0.00	17.41 -0.19 0.00	18.44 -0.27 0.00	19.09 -0.46 0.00	21.63 -0.97 0.00	28.32 -1.42 0.00	20.94 -1.33 0.00	18.08 -0.88 0.00	18.59 -0.27 0.00	17.83 0.03 0.00
ERIE_WT_PWR 323693	19.64 -0.22 0.00	18.27 -0.29 0.00	18.17 -0.31 0.00	18.74 -0.27 0.00	18.15 -0.35 0.00	20.76 -0.19 0.00	20.38 -0.53 0.00	25.64 -1.30 0.00	21.42 -1.04 0.00	18.87 -0.48 0.00	16.86 -0.53 0.00	12.27 -0.40 0.00	11.18 -0.39 0.00	14.94 -0.45 0.00	16.60 -0.49 0.00	17.03 -0.56 0.00	18.04 -0.66 0.00	18.71 -0.85 0.00	21.16 -1.44 0.00	27.68 -2.05 0.00	20.44 -1.83 0.00	17.64 -1.31 0.00	18.19 -0.67 0.00	17.52 -0.28 0.00
ESPRGFLD_115KV_TB1 80157	20.81 0.95 0.00	19.39 0.83 0.00	19.32 0.84 0.00	19.88 0.87 0.00	19.34 0.83 0.00	22.04 1.09 0.00	22.07 1.16 0.00	28.39 1.46 0.00	23.59 1.13 0.00	20.39 1.03 0.00	18.27 0.90 0.00	13.30 0.63 0.00	12.16 0.59 0.00	16.18 0.79 0.00	17.96 0.87 0.00	18.50 0.90 0.00	19.70 1.00 0.00	20.67 1.11 0.00	23.81 1.21 0.00	31.28 1.55 0.00	23.27 1.00 0.00	19.65 0.69 0.00	19.56 0.70 0.00	18.43 0.63 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.18 0.31 0.00	18.81 0.24 0.00	18.73 0.25 0.00	19.27 0.26 0.00	18.76 0.25 0.00	21.38 0.44 0.00	21.33 0.42 0.00	27.55 0.62 0.00	22.89 0.43 0.00	19.64 0.29 0.00	17.49 0.11 0.00	12.72 0.05 0.00	11.64 0.07 0.00	15.49 0.09 0.00	17.15 0.07 0.00	17.68 0.09 0.00	18.89 0.19 0.00	19.82 0.27 0.00	22.91 0.31 0.00	30.18 0.45 0.00	22.47 0.20 0.00	19.17 0.21 0.00	19.11 0.25 0.00	17.98 0.18 0.00
ETNA____115KV_TB2 80207	20.18 0.31 0.00	18.81 0.24 0.00	18.73 0.25 0.00	19.27 0.26 0.00	18.76 0.25 0.00	21.38 0.44 0.00	21.33 0.42 0.00	27.55 0.62 0.00	22.89 0.43 0.00	19.64 0.29 0.00	17.49 0.11 0.00	12.72 0.05 0.00	11.64 0.07 0.00	15.49 0.09 0.00	17.15 0.07 0.00	17.68 0.09 0.00	18.89 0.19 0.00	19.82 0.27 0.00	22.91 0.31 0.00	30.18 0.45 0.00	22.47 0.20 0.00	19.17 0.21 0.00	19.11 0.25 0.00	17.98 0.18 0.00
EUCLID__115KV_TB2 356179	19.64 -0.22 0.00	18.33 -0.23 0.00	18.25 -0.22 0.00	18.77 -0.24 0.00	18.23 -0.28 0.00	20.63 -0.32 0.00	20.57 -0.34 0.00	26.48 -0.46 0.00	22.07 -0.40 0.00	19.03 -0.32 0.00	17.07 -0.31 0.00	12.45 -0.22 0.00	11.37 -0.20 0.00	15.12 -0.27 0.00	16.77 -0.31 0.00	17.28 -0.31 0.00	18.38 -0.32 0.00	19.20 -0.36 0.00	22.13 -0.47 0.00	29.11 -0.62 0.00	21.75 -0.52 0.00	18.56 -0.39 0.00	18.54 -0.32 0.00	17.47 -0.32 0.00
E_CANADA_CAP_HY 24051	21.01 1.14 0.00	19.60 1.03 0.00	19.52 1.04 0.00	20.06 1.05 0.00	19.49 0.99 0.00	22.17 1.22 0.00	22.23 1.32 0.00	28.54 1.60 0.00	23.72 1.26 0.00	20.48 1.13 0.00	18.35 0.97 0.00	11.65 0.69 1.71	12.02 0.63 0.18	16.23 0.83 0.00	18.02 0.94 0.00	18.56 0.96 0.00	19.76 1.06 0.00	20.82 1.27 0.00	23.99 1.39 0.00	31.54 1.81 0.00	23.52 1.25 0.00	19.82 0.86 0.00	19.73 0.87 0.00	18.58 0.79 0.00
E_CANADA_MHWK_HY 24050	19.22 -0.64 0.00	17.90 -0.66 0.00	17.86 -0.62 0.00	18.38 -0.63 0.00	18.00 -0.51 0.00	20.48 -0.47 0.00	20.64 -0.27 0.00	26.99 0.06 0.00	22.33 -0.13 0.00	18.94 -0.41 0.00	16.87 -0.51 0.00	12.28 -0.39 0.00	11.19 -0.39 0.00	14.88 -0.51 0.00	16.52 -0.56 0.00	17.03 -0.56 0.00	18.13 -0.58 0.00	19.12 -0.44 0.00	22.38 -0.22 0.00	29.68 -0.05 0.00	22.22 -0.05 0.00	18.70 -0.26 0.00	18.41 -0.45 0.00	17.20 -0.60 0.00
E_FISHKILL__LBMP 23776	19.98 0.12 0.00	18.65 0.09 0.00	18.53 0.06 0.00	19.09 0.08 0.00	18.64 0.14 0.00	21.20 0.25 0.00	21.21 0.31 0.00	27.65 0.72 0.00	22.94 0.48 0.00	19.73 0.38 0.00	17.77 0.39 0.00	16.62 0.31 -3.64	12.25 0.29 -0.39	15.77 0.37 0.00	17.49 0.40 0.00	18.01 0.41 0.00	19.08 0.38 0.00	19.92 0.36 0.00	23.12 0.51 0.00	30.56 0.83 0.00	22.88 0.61 0.00	19.44 0.48 0.00	19.26 0.40 0.00	18.11 0.31 0.00
FALCON__SEABRD_CC1 323796	20.64 0.77 0.00	19.23 0.66 0.00	19.00 0.52 0.00	19.55 0.54 0.00	18.98 0.47 0.00	21.28 0.32 0.00	21.24 0.33 0.00	27.41 0.48 0.00	22.88 0.42 0.00	19.70 0.35 0.00	17.74 0.36 0.00	12.91 0.24 0.00	11.77 0.20 0.00	15.62 0.23 0.00	17.38 0.29 0.00	17.95 0.35 0.00	19.22 0.51 0.00	20.24 0.68 0.00	23.37 0.77 0.00	30.64 0.90 0.00	22.96 0.69 0.00	19.43 0.47 0.00	19.17 0.31 0.00	18.13 0.33 0.00
FALCON__SEABRD_CC2 323797	20.64 0.77 0.00	19.23 0.66 0.00	19.00 0.52 0.00	19.55 0.54 0.00	18.98 0.47 0.00	21.28 0.32 0.00	21.24 0.33 0.00	27.41 0.48 0.00	22.88 0.42 0.00	19.70 0.35 0.00	17.74 0.36 0.00	12.91 0.24 0.00	11.77 0.20 0.00	15.62 0.23 0.00	17.38 0.29 0.00	17.95 0.35 0.00	19.22 0.51 0.00	20.24 0.68 0.00	23.37 0.77 0.00	30.64 0.90 0.00	22.96 0.69 0.00	19.43 0.47 0.00	19.17 0.31 0.00	18.13 0.33 0.00

FAR ROCKAWAY___4 23548	20.41 0.55 0.00	19.02 0.46 0.00	18.86 0.38 0.00	19.41 0.40 0.00	18.97 0.47 0.00	21.70 0.74 0.00	21.78 0.87 0.00	28.38 1.45 0.00	23.50 1.04 0.00	20.28 0.93 0.00	18.28 0.90 0.00	16.80 0.66 -3.47	12.55 0.60 -0.37	16.22 0.82 0.00	18.01 0.93 0.00	18.52 0.92 0.00	19.65 0.95 0.00	20.49 0.93 0.00	23.79 1.19 0.00	31.48 1.75 0.00	23.54 1.27 0.00	20.03 1.07 0.00	19.84 0.98 0.00	18.63 0.83 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.08 0.22 0.00	18.75 0.18 0.00	18.61 0.13 0.00	19.17 0.15 0.00	18.73 0.23 0.00	21.33 0.38 0.00	21.37 0.46 0.00	27.94 1.01 0.00	23.20 0.73 0.00	20.02 0.67 0.00	18.07 0.69 0.00	16.70 0.56 -3.47	12.48 0.53 -0.38	16.09 0.69 0.00	17.80 0.72 0.00	18.33 0.74 0.00	19.42 0.72 0.00	20.22 0.66 0.00	23.41 0.81 0.00	30.92 1.19 0.00	23.15 0.88 0.00	19.64 0.69 0.00	19.45 0.59 0.00	18.27 0.47 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.10 0.23 0.00	18.76 0.19 0.00	18.62 0.14 0.00	19.18 0.16 0.00	18.75 0.24 0.00	21.34 0.39 0.00	21.39 0.48 0.00	27.95 1.01 0.00	23.21 0.75 0.00	20.03 0.68 0.00	18.07 0.69 0.00	16.71 0.57 -3.47	12.48 0.53 -0.38	16.09 0.70 0.00	17.81 0.73 0.00	18.34 0.74 0.00	19.43 0.73 0.00	20.22 0.67 0.00	23.42 0.81 0.00	30.94 1.21 0.00	23.16 0.89 0.00	19.66 0.70 0.00	19.47 0.61 0.00	18.27 0.48 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.08 0.21 0.00	18.74 0.18 0.00	18.60 0.12 0.00	19.16 0.15 0.00	18.73 0.22 0.00	21.32 0.37 0.00	21.37 0.46 0.00	27.92 0.99 0.00	23.19 0.73 0.00	20.02 0.67 0.00	18.06 0.68 0.00	16.70 0.56 -3.47	12.47 0.53 -0.38	16.08 0.69 0.00	17.80 0.72 0.00	18.32 0.73 0.00	19.42 0.71 0.00	20.21 0.65 0.00	23.40 0.80 0.00	30.91 1.18 0.00	23.13 0.86 0.00	19.64 0.68 0.00	19.45 0.59 0.00	18.26 0.46 0.00
FARRAGUT___LBMP 323566	20.06 0.20 0.00	18.73 0.16 0.00	18.59 0.11 0.00	19.15 0.13 0.00	18.71 0.21 0.00	21.30 0.35 0.00	21.35 0.44 0.00	27.89 0.96 0.00	23.17 0.71 0.00	20.00 0.65 0.00	18.04 0.66 0.00	16.69 0.55 -3.47	12.46 0.52 -0.38	16.07 0.67 0.00	17.78 0.70 0.00	18.31 0.71 0.00	19.40 0.70 0.00	20.19 0.63 0.00	23.39 0.78 0.00	30.88 1.15 0.00	23.12 0.85 0.00	19.62 0.67 0.00	19.43 0.58 0.00	18.25 0.45 0.00
FENNER___WINDPWR 24204	20.12 0.25 0.00	18.79 0.23 0.00	18.72 0.23 0.00	19.26 0.25 0.00	18.76 0.26 0.00	21.34 0.39 0.00	21.35 0.44 0.00	27.61 0.68 0.00	22.98 0.52 0.00	19.67 0.32 0.00	17.56 0.18 0.00	12.77 0.10 0.00	11.67 0.10 0.00	15.53 0.14 0.00	17.23 0.14 0.00	17.74 0.14 0.00	18.94 0.24 0.00	19.88 0.33 0.00	23.00 0.40 0.00	30.31 0.58 0.00	22.62 0.35 0.00	19.25 0.29 0.00	19.13 0.27 0.00	17.99 0.20 0.00
FIBERTEK___ENERGY 23856	19.93 0.06 0.00	18.59 0.03 0.00	18.51 0.04 0.00	19.04 0.03 0.00	18.50 -0.01 0.00	20.98 0.03 0.00	20.92 0.01 0.00	26.94 0.01 0.00	22.43 -0.03 0.00	19.32 -0.03 0.00	17.31 -0.07 0.00	12.62 -0.05 0.00	11.53 -0.04 0.00	15.33 -0.06 0.00	17.00 -0.08 0.00	17.53 -0.07 0.00	18.67 -0.03 0.00	19.50 -0.05 0.00	22.48 -0.12 0.00	29.61 -0.13 0.00	22.09 -0.18 0.00	18.86 -0.09 0.00	18.83 -0.03 0.00	17.74 -0.06 0.00
FITZPATRICK___ 23598	19.44 -0.42 0.00	18.16 -0.40 0.00	18.08 -0.40 0.00	18.59 -0.43 0.00	18.03 -0.47 0.00	20.36 -0.58 0.00	20.31 -0.60 0.00	26.12 -0.81 0.00	21.78 -0.69 0.00	18.79 -0.56 0.00	16.88 -0.50 0.00	12.31 -0.36 0.00	11.25 -0.33 0.00	14.96 -0.44 0.00	16.59 -0.50 0.00	17.08 -0.51 0.00	18.16 -0.55 0.00	18.96 -0.59 0.00	21.86 -0.75 0.00	28.76 -0.97 0.00	21.51 -0.76 0.00	18.35 -0.60 0.00	18.31 -0.55 0.00	17.27 -0.53 0.00
FLOWRFLD_69_KV_BK1 356044	20.24 0.37 0.00	18.86 0.30 0.00	18.68 0.20 0.00	19.24 0.23 0.00	18.79 0.29 0.00	21.60 0.65 0.00	21.73 0.82 0.00	28.32 1.39 0.00	23.35 0.89 0.00	20.18 0.83 0.00	18.13 0.75 0.00	16.68 0.54 -3.47	12.40 0.45 -0.37	16.05 0.65 0.00	17.86 0.78 0.00	18.33 0.73 0.00	19.47 0.77 0.00	20.38 0.83 0.00	23.79 1.19 0.00	31.46 1.73 0.00	23.50 1.23 0.00	19.98 1.03 0.00	19.77 0.91 0.00	18.62 0.82 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.23 0.36 0.00	18.87 0.31 0.00	18.75 0.27 0.00	19.31 0.30 0.00	18.86 0.35 0.00	21.46 0.51 0.00	21.50 0.60 0.00	28.03 1.10 0.00	23.24 0.78 0.00	19.97 0.61 0.00	17.96 0.58 0.00	16.42 0.43 -3.32	12.33 0.40 -0.36	15.92 0.52 0.00	17.66 0.57 0.00	18.19 0.60 0.00	19.30 0.60 0.00	20.17 0.61 0.00	23.42 0.82 0.00	30.99 1.26 0.00	23.18 0.91 0.00	19.69 0.73 0.00	19.50 0.64 0.00	18.33 0.53 0.00
FORT ORANGE___ 23900	20.04 0.18 0.00	18.78 0.21 0.00	18.74 0.26 0.00	19.30 0.29 0.00	18.84 0.33 0.00	21.31 0.36 0.00	21.31 0.40 0.00	27.70 0.77 0.00	22.96 0.50 0.00	19.63 0.28 0.00	17.61 0.23 0.00	9.93 0.18 2.91	11.40 0.14 0.31	15.58 0.19 0.00	17.28 0.20 0.00	17.81 0.21 0.00	18.92 0.21 0.00	19.81 0.26 0.00	23.07 0.47 0.00	30.52 0.79 0.00	22.86 0.59 0.00	19.47 0.51 0.00	19.29 0.44 0.00	18.18 0.38 0.00
FORT_DRUM_COGEN 23780	19.09 -0.78 0.00	18.12 -0.45 0.00	18.17 -0.31 0.00	18.73 -0.28 0.00	18.34 -0.16 0.00	20.94 -0.01 0.00	21.06 0.15 0.00	27.07 0.13 0.00	22.44 -0.02 0.00	18.93 -0.42 0.00	16.75 -0.63 0.00	12.26 -0.41 0.00	11.22 -0.35 0.00	14.90 -0.50 0.00	16.72 -0.37 0.00	17.33 -0.27 0.00	18.58 -0.12 0.00	19.64 0.08 0.00	22.66 0.06 0.00	29.92 0.19 0.00	22.20 -0.07 0.00	18.63 -0.33 0.00	18.16 -0.70 0.00	17.10 -0.70 0.00
FOX_HILLS___ESR 323835	20.18 0.31 0.00	18.80 0.24 0.00	18.65 0.17 0.00	19.19 0.18 0.00	18.77 0.26 0.00	21.37 0.42 0.00	21.42 0.51 0.00	27.99 1.06 0.00	23.34 0.88 0.00	20.13 0.78 0.00	18.16 0.78 0.00	16.77 0.62 -3.47	12.52 0.58 -0.38	16.14 0.75 0.00	17.88 0.80 0.00	18.40 0.81 0.00	19.51 0.80 0.00	20.31 0.75 0.00	23.52 0.92 0.00	30.51 1.36 0.58	23.22 0.95 0.00	19.72 0.77 0.00	19.55 0.69 0.00	18.37 0.57 0.00
FPL_FAR_ROCK_GT1 24212	20.41 0.55 0.00	19.02 0.46 0.00	18.86 0.38 0.00	19.41 0.40 0.00	18.97 0.47 0.00	21.69 0.74 0.00	21.78 0.87 0.00	28.38 1.44 0.00	23.50 1.04 0.00	20.28 0.93 0.00	18.27 0.89 0.00	16.80 0.66 -3.47	12.55 0.60 -0.37	16.21 0.82 0.00	18.01 0.92 0.00	18.52 0.93 0.00	19.65 0.95 0.00	20.49 0.93 0.00	23.79 1.19 0.00	31.48 1.75 0.00	23.54 1.27 0.00	20.03 1.07 0.00	19.84 0.99 0.00	18.63 0.83 0.00
FPL_FAR_ROCK_GT2 23815	20.41 0.55 0.00	19.02 0.46 0.00	18.86 0.38 0.00	19.41 0.40 0.00	18.97 0.47 0.00	21.69 0.74 0.00	21.78 0.87 0.00	28.38 1.44 0.00	23.50 1.04 0.00	20.28 0.93 0.00	18.27 0.89 0.00	16.80 0.66 -3.47	12.55 0.60 -0.37	16.21 0.82 0.00	18.01 0.92 0.00	18.52 0.93 0.00	19.65 0.95 0.00	20.49 0.93 0.00	23.79 1.19 0.00	31.48 1.75 0.00	23.54 1.27 0.00	20.03 1.07 0.00	19.84 0.99 0.00	18.63 0.83 0.00

FRANKLIN_FALL_HYD 24054	20.50 0.63 0.00	19.24 0.67 0.00	19.12 0.64 0.00	19.69 0.68 0.00	19.20 0.69 0.00	21.72 0.77 0.00	21.85 0.94 0.00	28.15 1.22 0.00	23.47 1.01 0.00	20.01 0.66 0.00	17.77 0.39 0.00	12.87 0.20 0.00	11.72 0.15 0.00	15.58 0.19 0.00	17.36 0.28 0.00	17.89 0.30 0.00	19.29 0.58 0.00	20.35 0.79 0.00	23.54 0.94 0.00	30.89 1.16 0.00	23.11 0.83 0.00	19.51 0.56 0.00	19.31 0.45 0.00	18.31 0.51 0.00
FREEPORT_EQUS_GT1 23764	20.26 0.39 0.00	18.88 0.31 0.00	18.70 0.23 0.00	19.27 0.26 0.00	18.82 0.32 0.00	21.54 0.59 0.00	21.64 0.72 0.00	28.20 1.27 0.00	23.34 0.88 0.00	20.15 0.80 0.00	18.13 0.75 0.00	16.70 0.56 -3.47	12.44 0.49 -0.37	16.07 0.68 0.00	17.87 0.79 0.00	18.37 0.77 0.00	19.50 0.79 0.00	20.34 0.79 0.00	23.66 1.06 0.00	31.30 1.57 0.00	23.41 1.14 0.00	19.91 0.95 0.00	19.73 0.87 0.00	18.52 0.72 0.00
FREEPORT___CT2 23818	20.26 0.39 0.00	18.88 0.31 0.00	18.70 0.23 0.00	19.27 0.26 0.00	18.82 0.32 0.00	21.54 0.59 0.00	21.64 0.72 0.00	28.20 1.27 0.00	23.34 0.88 0.00	20.15 0.80 0.00	18.13 0.75 0.00	16.70 0.56 -3.47	12.44 0.49 -0.37	16.07 0.68 0.00	17.87 0.79 0.00	18.37 0.77 0.00	19.50 0.79 0.00	20.34 0.79 0.00	23.66 1.06 0.00	31.30 1.57 0.00	23.41 1.14 0.00	19.91 0.95 0.00	19.73 0.87 0.00	18.52 0.72 0.00
FRESHKLS_33_KV_LOAD 356253	20.17 0.30 0.00	18.76 0.20 0.00	18.62 0.13 0.00	19.15 0.14 0.00	18.74 0.23 0.00	21.32 0.37 0.00	21.34 0.43 0.00	27.88 0.95 0.00	23.30 0.84 0.00	20.07 0.72 0.00	18.09 0.71 0.00	16.72 0.57 -3.47	12.47 0.52 -0.38	16.07 0.68 0.00	17.82 0.74 0.00	18.33 0.74 0.00	19.43 0.72 0.00	20.23 0.67 0.00	23.44 0.84 0.00	30.15 1.25 0.83	23.18 0.91 0.00	19.71 0.75 0.00	19.55 0.69 0.00	18.38 0.58 0.00
FULTON COGEN____ 23766	19.56 -0.31 0.00	18.27 -0.29 0.00	18.19 -0.29 0.00	18.71 -0.31 0.00	18.16 -0.35 0.00	20.54 -0.42 0.00	20.51 -0.40 0.00	26.38 -0.55 0.00	21.97 -0.48 0.00	18.92 -0.43 0.00	16.98 -0.40 0.00	12.37 -0.30 0.00	11.30 -0.27 0.00	15.02 -0.37 0.00	16.65 -0.43 0.00	17.17 -0.43 0.00	18.30 -0.40 0.00	19.13 -0.43 0.00	22.05 -0.55 0.00	29.02 -0.70 0.00	21.69 -0.58 0.00	18.50 -0.45 0.00	18.46 -0.40 0.00	17.39 -0.40 0.00
FULTON___LFGE 323630	21.62 1.76 0.00	20.16 1.60 0.00	20.07 1.59 0.00	20.63 1.61 0.00	20.10 1.60 0.00	22.93 1.98 0.00	23.12 2.21 0.00	29.86 2.92 0.00	24.57 2.11 0.00	20.92 1.57 0.00	18.51 1.13 0.00	11.48 0.76 1.95	12.00 0.64 0.21	16.22 0.83 0.00	18.00 0.91 0.00	18.57 0.97 0.00	19.89 1.19 0.00	21.39 1.84 0.00	24.89 2.29 0.00	32.88 3.15 0.00	24.55 2.28 0.00	20.67 1.71 0.00	20.50 1.64 0.00	19.25 1.45 0.00
G.F.CEMENT___DRP 24184	20.25 0.38 0.00	18.93 0.37 0.00	18.84 0.36 0.00	19.39 0.38 0.00	18.98 0.47 0.00	21.56 0.61 0.00	21.66 0.75 0.00	28.25 1.32 0.00	23.45 0.99 0.00	19.92 0.57 0.00	17.74 0.36 0.00	9.67 0.19 3.18	11.41 0.18 0.34	15.60 0.21 0.00	17.31 0.22 0.00	17.85 0.25 0.00	19.04 0.33 0.00	20.14 0.59 0.00	23.57 0.96 0.00	31.18 1.45 0.00	23.31 1.04 0.00	19.75 0.80 0.00	19.50 0.64 0.00	18.34 0.54 0.00
GARDENVILLE___LBMP 24039	19.55 -0.31 0.00	18.18 -0.38 0.00	18.09 -0.39 0.00	18.66 -0.35 0.00	18.07 -0.44 0.00	20.67 -0.28 0.00	20.28 -0.63 0.00	25.50 -1.43 0.00	21.30 -1.16 0.00	18.76 -0.58 0.00	16.74 -0.64 0.00	12.21 -0.46 0.00	11.13 -0.44 0.00	14.86 -0.53 0.00	16.51 -0.58 0.00	16.95 -0.65 0.00	17.95 -0.75 0.00	18.61 -0.94 0.00	21.06 -1.54 0.00	27.54 -2.20 0.00	20.35 -1.92 0.00	17.55 -1.40 0.00	18.11 -0.75 0.00	17.44 -0.35 0.00
GARDNVLA_35_KV_LD 355827	19.65 -0.21 0.00	18.28 -0.29 0.00	18.18 -0.29 0.00	18.76 -0.25 0.00	18.16 -0.35 0.00	20.77 -0.18 0.00	20.40 -0.52 0.00	25.65 -1.28 0.00	21.43 -1.03 0.00	18.89 -0.46 0.00	16.84 -0.53 0.00	12.29 -0.38 0.00	11.19 -0.38 0.00	14.96 -0.44 0.00	16.61 -0.47 0.00	17.05 -0.54 0.00	18.06 -0.64 0.00	18.73 -0.82 0.00	21.20 -1.40 0.00	27.71 -2.02 0.00	20.47 -1.80 0.00	17.66 -1.30 0.00	18.21 -0.64 0.00	17.53 -0.26 0.00
GELCKHM___115KV_LOAD 80723	19.75 -0.12 0.00	18.43 -0.14 0.00	18.35 -0.13 0.00	18.87 -0.14 0.00	18.32 -0.19 0.00	20.76 -0.19 0.00	20.70 -0.21 0.00	26.64 -0.30 0.00	22.19 -0.27 0.00	19.13 -0.22 0.00	17.16 -0.22 0.00	12.51 -0.16 0.00	11.43 -0.14 0.00	15.20 -0.20 0.00	16.86 -0.23 0.00	17.38 -0.22 0.00	18.49 -0.22 0.00	19.31 -0.24 0.00	22.26 -0.34 0.00	29.29 -0.44 0.00	21.87 -0.40 0.00	18.67 -0.29 0.00	18.64 -0.22 0.00	17.57 -0.23 0.00
GENERAL___MILLS 23808	19.62 -0.24 0.00	18.25 -0.31 0.00	18.16 -0.32 0.00	18.73 -0.28 0.00	18.14 -0.37 0.00	20.74 -0.21 0.00	20.36 -0.55 0.00	25.61 -1.32 0.00	21.39 -1.07 0.00	18.85 -0.50 0.00	16.81 -0.57 0.00	12.27 -0.40 0.00	11.18 -0.40 0.00	14.93 -0.47 0.00	16.58 -0.51 0.00	17.02 -0.58 0.00	18.03 -0.68 0.00	18.69 -0.86 0.00	21.15 -1.45 0.00	27.66 -2.08 0.00	20.44 -1.83 0.00	17.63 -1.32 0.00	18.18 -0.67 0.00	17.51 -0.29 0.00
GE_PLASTICS___DRP 24183	19.79 -0.07 0.00	18.58 0.02 0.00	18.60 0.12 0.00	19.17 0.15 0.00	18.70 0.20 0.00	21.17 0.22 0.00	21.16 0.24 0.00	27.46 0.53 0.00	22.80 0.33 0.00	19.55 0.20 0.00	17.58 0.20 0.00	10.25 0.15 2.57	11.42 0.12 0.28	15.56 0.17 0.00	17.24 0.16 0.00	17.75 0.15 0.00	18.85 0.14 0.00	19.72 0.17 0.00	22.92 0.32 0.00	30.27 0.53 0.00	22.67 0.40 0.00	19.31 0.35 0.00	19.14 0.29 0.00	18.05 0.25 0.00
GILBOA___1 23756	19.90 0.04 0.00	18.60 0.04 0.00	18.51 0.03 0.00	19.05 0.04 0.00	18.58 0.08 0.00	21.09 0.14 0.00	21.07 0.16 0.00	27.34 0.41 0.00	22.71 0.25 0.00	19.52 0.17 0.00	17.54 0.15 0.00	12.79 0.12 0.00	11.69 0.12 0.00	15.54 0.15 0.00	17.24 0.15 0.00	17.76 0.17 0.00	18.85 0.14 0.00	19.70 0.14 0.00	22.84 0.24 0.00	30.15 0.42 0.00	22.56 0.29 0.00	19.20 0.25 0.00	19.06 0.20 0.00	17.94 0.14 0.00
GILBOA___2 23757	19.90 0.04 0.00	18.60 0.04 0.00	18.51 0.03 0.00	19.05 0.04 0.00	18.58 0.08 0.00	21.09 0.14 0.00	21.07 0.16 0.00	27.34 0.41 0.00	22.71 0.25 0.00	19.52 0.17 0.00	17.54 0.15 0.00	12.79 0.12 0.00	11.69 0.12 0.00	15.54 0.15 0.00	17.24 0.15 0.00	17.76 0.17 0.00	18.85 0.14 0.00	19.70 0.14 0.00	22.84 0.24 0.00	30.15 0.42 0.00	22.56 0.29 0.00	19.20 0.25 0.00	19.06 0.20 0.00	17.94 0.14 0.00
GILBOA___3 23758	19.90 0.04 0.00	18.60 0.04 0.00	18.51 0.03 0.00	19.05 0.04 0.00	18.58 0.08 0.00	21.09 0.14 0.00	21.07 0.16 0.00	27.34 0.41 0.00	22.71 0.25 0.00	19.52 0.17 0.00	17.54 0.15 0.00	12.79 0.12 0.00	11.69 0.12 0.00	15.54 0.15 0.00	17.24 0.15 0.00	17.76 0.17 0.00	18.85 0.14 0.00	19.70 0.14 0.00	22.84 0.24 0.00	30.15 0.42 0.00	22.56 0.29 0.00	19.20 0.25 0.00	19.06 0.20 0.00	17.94 0.14 0.00

GILBOA___4 23759	19.90 0.04 0.00	18.60 0.04 0.00	18.51 0.03 0.00	19.05 0.04 0.00	18.58 0.08 0.00	21.09 0.14 0.00	21.07 0.16 0.00	27.34 0.41 0.00	22.71 0.25 0.00	19.52 0.17 0.00	17.54 0.15 0.00	12.79 0.12 0.00	11.69 0.12 0.00	15.54 0.15 0.00	17.24 0.15 0.00	17.76 0.17 0.00	18.85 0.14 0.00	19.70 0.14 0.00	22.84 0.24 0.00	30.15 0.42 0.00	22.56 0.29 0.00	19.20 0.25 0.00	19.06 0.20 0.00	17.94 0.14 0.00
GILBOA____ 23599	19.90 0.04 0.00	18.60 0.04 0.00	18.51 0.03 0.00	19.05 0.04 0.00	18.58 0.08 0.00	21.09 0.14 0.00	21.07 0.16 0.00	27.34 0.41 0.00	22.71 0.25 0.00	19.52 0.17 0.00	17.54 0.16 0.00	12.79 0.12 0.00	11.69 0.12 0.00	15.54 0.15 0.00	17.24 0.15 0.00	17.76 0.17 0.00	18.85 0.14 0.00	19.70 0.14 0.00	22.84 0.24 0.00	30.15 0.42 0.00	22.57 0.30 0.00	19.20 0.25 0.00	19.06 0.20 0.00	17.94 0.14 0.00
GINNA____ 23603	18.65 -1.22 0.00	17.38 -1.18 0.00	17.30 -1.18 0.00	17.82 -1.20 0.00	17.29 -1.21 0.00	19.67 -1.28 0.00	19.55 -1.36 0.00	24.92 -2.02 0.00	20.74 -1.72 0.00	18.00 -1.36 0.00	16.12 -1.26 0.00	11.73 -0.93 0.00	10.69 -0.89 0.00	14.22 -1.17 0.00	15.83 -1.26 0.00	16.34 -1.26 0.00	17.39 -1.31 0.00	18.15 -1.41 0.00	20.78 -1.82 0.00	27.28 -2.45 0.00	20.29 -1.98 0.00	17.34 -1.61 0.00	17.54 -1.31 0.00	16.67 -1.12 0.00
GLEN PARK____ 23778	19.10 -0.76 0.00	18.12 -0.44 0.00	18.17 -0.31 0.00	18.73 -0.29 0.00	18.34 -0.17 0.00	20.95 0.00 0.00	21.08 0.17 0.00	27.10 0.16 0.00	22.46 0.00 0.00	18.88 -0.47 0.00	16.68 -0.70 0.00	12.23 -0.44 0.00	11.19 -0.38 0.00	14.84 -0.55 0.00	16.69 -0.39 0.00	17.32 -0.27 0.00	18.59 -0.11 0.00	19.66 0.11 0.00	22.69 0.09 0.00	29.96 0.23 0.00	22.24 -0.03 0.00	18.66 -0.29 0.00	18.20 -0.66 0.00	17.11 -0.69 0.00
GLENDALE_27_KV_LOAD 356172	20.15 0.29 0.00	18.81 0.24 0.00	18.65 0.18 0.00	19.21 0.20 0.00	18.78 0.28 0.00	21.40 0.45 0.00	21.46 0.55 0.00	28.04 1.11 0.00	23.34 0.88 0.00	20.14 0.79 0.00	18.17 0.79 0.00	16.78 0.64 -3.47	12.55 0.61 -0.38	16.17 0.78 0.00	17.90 0.81 0.00	18.42 0.83 0.00	19.52 0.82 0.00	20.33 0.77 0.00	23.54 0.94 0.00	31.10 1.37 0.00	23.26 0.99 0.00	19.74 0.79 0.00	19.55 0.69 0.00	18.35 0.55 0.00
GLENWOOD_IC_1_G5 23712	20.33 0.46 0.00	18.94 0.38 0.00	18.78 0.31 0.00	19.35 0.33 0.00	18.90 0.40 0.00	21.62 0.66 0.00	21.71 0.81 0.00	28.31 1.38 0.00	23.44 0.98 0.00	20.24 0.89 0.00	18.23 0.85 0.00	16.77 0.64 -3.47	12.52 0.57 -0.37	16.18 0.78 0.00	17.98 0.90 0.00	18.48 0.89 0.00	19.62 0.91 0.00	20.45 0.90 0.00	23.75 1.14 0.00	31.40 1.66 0.00	23.47 1.20 0.00	19.96 1.00 0.00	19.77 0.91 0.00	18.55 0.76 0.00
GLENWOOD_IC_2_G1 23688	20.30 0.44 0.00	18.92 0.36 0.00	18.77 0.29 0.00	19.33 0.31 0.00	18.88 0.38 0.00	21.59 0.64 0.00	21.68 0.77 0.00	28.27 1.33 0.00	23.41 0.94 0.00	20.21 0.86 0.00	18.19 0.81 0.00	16.75 0.62 -3.47	12.51 0.56 -0.37	16.15 0.76 0.00	17.95 0.87 0.00	18.45 0.86 0.00	19.58 0.87 0.00	20.41 0.86 0.00	23.71 1.11 0.00	31.34 1.61 0.00	23.43 1.16 0.00	19.92 0.97 0.00	19.74 0.88 0.00	18.53 0.73 0.00
GLENWOOD_IC_3_G1 23689	20.30 0.44 0.00	18.92 0.36 0.00	18.77 0.29 0.00	19.33 0.31 0.00	18.88 0.38 0.00	21.59 0.64 0.00	21.68 0.77 0.00	28.27 1.33 0.00	23.41 0.94 0.00	20.21 0.86 0.00	18.19 0.81 0.00	16.75 0.62 -3.47	12.51 0.56 -0.37	16.15 0.76 0.00	17.95 0.87 0.00	18.45 0.86 0.00	19.58 0.87 0.00	20.41 0.86 0.00	23.71 1.11 0.00	31.34 1.61 0.00	23.43 1.16 0.00	19.92 0.97 0.00	19.74 0.88 0.00	18.53 0.73 0.00
GLENWOOD___4 23550	20.33 0.46 0.00	18.94 0.38 0.00	18.78 0.31 0.00	19.35 0.33 0.00	18.90 0.40 0.00	21.62 0.66 0.00	21.71 0.81 0.00	28.31 1.38 0.00	23.44 0.98 0.00	20.24 0.89 0.00	18.23 0.85 0.00	16.77 0.64 -3.47	12.52 0.57 -0.37	16.18 0.78 0.00	17.98 0.90 0.00	18.48 0.89 0.00	19.62 0.91 0.00	20.45 0.90 0.00	23.75 1.14 0.00	31.40 1.66 0.00	23.47 1.20 0.00	19.96 1.00 0.00	19.77 0.91 0.00	18.55 0.76 0.00
GLENWOOD___5 23614	20.33 0.46 0.00	18.94 0.38 0.00	18.78 0.31 0.00	19.35 0.33 0.00	18.90 0.40 0.00	21.62 0.66 0.00	21.71 0.81 0.00	28.31 1.38 0.00	23.44 0.98 0.00	20.24 0.89 0.00	18.23 0.85 0.00	16.77 0.64 -3.47	12.52 0.57 -0.37	16.18 0.78 0.00	17.98 0.90 0.00	18.48 0.89 0.00	19.62 0.91 0.00	20.45 0.90 0.00	23.75 1.14 0.00	31.40 1.66 0.00	23.47 1.20 0.00	19.96 1.00 0.00	19.77 0.91 0.00	18.55 0.76 0.00
GLOBAL GREEN_PORT_GT1 23814	20.32 0.45 0.00	18.93 0.37 0.00	18.69 0.21 0.00	19.19 0.17 0.00	18.76 0.25 0.00	21.66 0.71 0.00	21.89 0.98 0.00	28.69 1.75 0.00	23.66 1.20 0.00	20.49 1.14 0.00	18.33 0.95 0.00	16.79 0.66 -3.47	12.49 0.54 -0.37	16.17 0.78 0.00	18.02 0.94 0.00	18.48 0.88 0.00	19.67 0.97 0.00	20.69 1.14 0.00	24.29 1.69 0.00	32.15 2.42 0.00	23.92 1.65 0.00	20.31 1.36 0.00	20.05 1.18 0.00	18.83 1.04 0.00
GLOBE___DSASP 323697	18.87 -0.99 0.00	17.56 -1.00 0.00	17.48 -1.00 0.00	18.04 -0.97 0.00	17.45 -1.05 0.00	19.90 -1.05 0.00	19.48 -1.43 0.00	24.21 -2.73 0.00	20.17 -2.30 0.00	17.79 -1.56 0.00	15.90 -1.48 0.00	11.62 -1.05 0.00	10.58 -0.99 0.00	14.07 -1.32 0.00	15.64 -1.45 0.00	16.03 -1.57 0.00	17.01 -1.70 0.00	17.69 -1.87 0.00	20.03 -2.58 0.00	26.15 -3.58 0.00	19.37 -2.90 0.00	16.72 -2.24 0.00	17.39 -1.47 0.00	16.91 -0.89 0.00
GOETHSLN___LBMP 323567	19.96 0.10 0.00	18.65 0.09 0.00	18.50 0.02 0.00	19.05 0.04 0.00	18.63 0.13 0.00	21.21 0.26 0.00	21.23 0.33 0.00	27.75 0.81 0.00	23.03 0.58 0.00	19.89 0.54 0.00	17.95 0.57 0.00	16.62 0.48 -3.47	12.39 0.45 -0.38	15.99 0.59 0.00	17.69 0.61 0.00	18.21 0.62 0.00	19.30 0.60 0.00	20.08 0.52 0.00	23.25 0.65 0.00	30.64 0.98 0.07	22.99 0.72 0.00	19.51 0.55 0.00	19.32 0.46 0.00	18.15 0.35 0.00
GOLAH___69_KV_TB 1_2 80279	19.64 -0.22 0.00	18.29 -0.27 0.00	18.20 -0.27 0.00	18.77 -0.25 0.00	18.20 -0.31 0.00	20.75 -0.20 0.00	20.54 -0.37 0.00	26.08 -0.85 0.00	21.73 -0.73 0.00	18.93 -0.42 0.00	16.89 -0.49 0.00	12.30 -0.37 0.00	11.20 -0.37 0.00	14.90 -0.50 0.00	16.58 -0.50 0.00	17.14 -0.46 0.00	18.24 -0.46 0.00	18.99 -0.56 0.00	21.67 -0.93 0.00	28.43 -1.30 0.00	21.12 -1.16 0.00	18.10 -0.85 0.00	18.45 -0.41 0.00	17.59 -0.21 0.00
GOODYEAR_LAKE_HYD 323669	20.40 0.54 0.00	19.01 0.45 0.00	18.94 0.46 0.00	19.50 0.49 0.00	19.00 0.49 0.00	21.66 0.70 0.00	21.67 0.76 0.00	28.01 1.08 0.00	23.26 0.80 0.00	20.05 0.70 0.00	17.98 0.60 0.00	13.09 0.42 0.00	11.96 0.39 0.00	15.92 0.52 0.00	17.66 0.58 0.00	18.20 0.61 0.00	19.35 0.65 0.00	20.25 0.70 0.00	23.40 0.80 0.00	30.79 1.06 0.00	22.93 0.66 0.00	19.44 0.49 0.00	19.33 0.48 0.00	18.20 0.40 0.00

GOUDEY___1 345031	19.89 0.02 0.00	18.52 -0.04 0.00	18.44 -0.04 0.00	18.98 -0.04 0.00	18.47 -0.04 0.00	21.07 0.12 0.00	20.96 0.05 0.00	27.12 0.18 0.00	22.55 0.09 0.00	19.47 0.12 0.00	17.39 0.01 0.00	12.67 0.00 0.00	11.61 0.04 0.00	15.45 0.06 0.00	17.13 0.05 0.00	17.66 0.06 0.00	18.73 0.03 0.00	19.54 -0.01 0.00	22.61 0.00 0.00	29.77 0.03 0.00	22.17 -0.10 0.00	18.94 -0.02 0.00	18.89 0.03 0.00	17.74 -0.06 0.00
GOUDEY___7 23579	19.90 0.03 0.00	18.53 -0.03 0.00	18.45 -0.03 0.00	18.99 -0.02 0.00	18.48 -0.02 0.00	21.08 0.13 0.00	20.98 0.07 0.00	27.14 0.21 0.00	22.57 0.11 0.00	19.48 0.13 0.00	17.40 0.02 0.00	12.68 0.01 0.00	11.62 0.05 0.00	15.46 0.07 0.00	17.14 0.06 0.00	17.67 0.08 0.00	18.75 0.04 0.00	19.56 0.01 0.00	22.63 0.02 0.00	29.79 0.06 0.00	22.19 -0.08 0.00	18.96 0.00 0.00	18.91 0.05 0.00	17.75 -0.05 0.00
GOUDEY___8 23580	19.89 0.02 0.00	18.52 -0.04 0.00	18.44 -0.04 0.00	18.98 -0.04 0.00	18.47 -0.04 0.00	21.07 0.12 0.00	20.96 0.05 0.00	27.12 0.18 0.00	22.55 0.09 0.00	19.47 0.12 0.00	17.39 0.01 0.00	12.67 0.00 0.00	11.61 0.04 0.00	15.45 0.06 0.00	17.13 0.05 0.00	17.66 0.06 0.00	18.73 0.03 0.00	19.54 -0.01 0.00	22.61 0.00 0.00	29.77 0.03 0.00	22.17 -0.10 0.00	18.94 -0.02 0.00	18.89 0.03 0.00	17.74 -0.06 0.00
GOWANUS_GT1_1 24077	20.19 0.32 0.00	18.82 0.26 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.28 0.00	21.40 0.45 0.00	21.46 0.55 0.00	28.04 1.11 0.00	23.37 0.92 0.00	20.17 0.81 0.00	18.19 0.81 0.00	16.79 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.45 0.85 0.00	19.55 0.84 0.00	20.35 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.74 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
GOWANUS_GT1_2 24078	20.19 0.32 0.00	18.82 0.26 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.28 0.00	21.40 0.45 0.00	21.46 0.55 0.00	28.04 1.11 0.00	23.37 0.92 0.00	20.17 0.81 0.00	18.19 0.81 0.00	16.79 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.45 0.85 0.00	19.55 0.84 0.00	20.35 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.74 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
GOWANUS_GT1_3 24079	20.19 0.32 0.00	18.82 0.26 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.28 0.00	21.40 0.45 0.00	21.46 0.55 0.00	28.04 1.11 0.00	23.37 0.92 0.00	20.17 0.81 0.00	18.19 0.81 0.00	16.79 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.45 0.85 0.00	19.55 0.84 0.00	20.35 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.74 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
GOWANUS_GT1_4 24080	20.19 0.32 0.00	18.82 0.26 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.28 0.00	21.40 0.45 0.00	21.46 0.55 0.00	28.04 1.11 0.00	23.37 0.92 0.00	20.17 0.81 0.00	18.19 0.81 0.00	16.79 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.45 0.85 0.00	19.55 0.84 0.00	20.35 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.74 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
GOWANUS_GT1_5 24084	20.19 0.32 0.00	18.82 0.26 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.28 0.00	21.40 0.45 0.00	21.46 0.55 0.00	28.04 1.11 0.00	23.37 0.92 															

GOWANUS_GT2_5 24118	20.19 <u>0.32</u> 0.00	18.82 <u>0.25</u> 0.00	18.66 <u>0.19</u> 0.00	19.21 <u>0.20</u> 0.00	18.79 <u>0.29</u> 0.00	21.40 <u>0.45</u> 0.00	21.45 <u>0.54</u> 0.00	28.04 <u>1.11</u> 0.00	23.38 <u>0.92</u> 0.00	20.17 <u>0.82</u> 0.00	18.18 <u>0.80</u> 0.00	16.80 <u>0.65</u> -3.47	12.55 <u>0.61</u> -0.38	16.18 <u>0.78</u> 0.00	17.92 <u>0.83</u> 0.00	18.46 <u>0.86</u> 0.00	19.55 <u>0.84</u> 0.00	20.34 <u>0.79</u> 0.00	23.57 <u>0.96</u> 0.00	31.15 <u>1.42</u> 0.00	23.25 <u>0.98</u> 0.00	19.73 <u>0.78</u> 0.00	19.55 <u>0.69</u> 0.00	18.36 <u>0.56</u> 0.00
GOWANUS_GT2_6 24119	20.19 <u>0.32</u> 0.00	18.82 <u>0.25</u> 0.00	18.66 <u>0.19</u> 0.00	19.21 <u>0.20</u> 0.00	18.79 <u>0.29</u> 0.00	21.40 <u>0.45</u> 0.00	21.45 <u>0.54</u> 0.00	28.04 <u>1.11</u> 0.00	23.38 <u>0.92</u> 0.00	20.17 <u>0.82</u> 0.00	18.18 <u>0.80</u> 0.00	16.80 <u>0.65</u> -3.47	12.55 <u>0.61</u> -0.38	16.18 <u>0.78</u> 0.00	17.92 <u>0.83</u> 0.00	18.46 <u>0.86</u> 0.00	19.55 <u>0.84</u> 0.00	20.34 <u>0.79</u> 0.00	23.57 <u>0.96</u> 0.00	31.15 <u>1.42</u> 0.00	23.25 <u>0.98</u> 0.00	19.73 <u>0.78</u> 0.00	19.55 <u>0.69</u> 0.00	18.36 <u>0.56</u> 0.00
GOWANUS_GT2_7 24120	20.19 <u>0.32</u> 0.00	18.82 <u>0.25</u> 0.00	18.66 <u>0.19</u> 0.00	19.21 <u>0.20</u> 0.00	18.79 <u>0.29</u> 0.00	21.40 <u>0.45</u> 0.00	21.45 <u>0.54</u> 0.00	28.04 <u>1.11</u> 0.00	23.38 <u>0.92</u> 0.00	20.17 <u>0.82</u> 0.00	18.18 <u>0.80</u> 0.00	16.80 <u>0.65</u> -3.47	12.55 <u>0.61</u> -0.38	16.18 <u>0.78</u> 0.00	17.92 <u>0.83</u> 0.00	18.46 <u>0.86</u> 0.00	19.55 <u>0.84</u> 0.00	20.34 <u>0.79</u> 0.00	23.57 <u>0.96</u> 0.00	31.15 <u>1.42</u> 0.00	23.25 <u>0.98</u> 0.00	19.73 <u>0.78</u> 0.00	19.55 <u>0.69</u> 0.00	18.36 <u>0.56</u> 0.00
GOWANUS_GT2_8 24121	20.19 <u>0.32</u> 0.00	18.82 <u>0.25</u> 0.00	18.66 <u>0.19</u> 0.00	19.21 <u>0.20</u> 0.00	18.79 <u>0.29</u> 0.00	21.40 <u>0.45</u> 0.00	21.45 <u>0.54</u> 0.00	28.04 <u>1.11</u> 0.00	23.38 <u>0.92</u> 0.00	20.17 <u>0.82</u> 0.00	18.18 <u>0.80</u> 0.00	16.80 <u>0.65</u> -3.47	12.55 <u>0.61</u> -0.38	16.18 <u>0.78</u> 0.00	17.92 <u>0.83</u> 0.00	18.46 <u>0.86</u> 0.00	19.55 <u>0.84</u> 0.00	20.34 <u>0.79</u> 0.00	23.57 <u>0.96</u> 0.00	31.15 <u>1.42</u> 0.00	23.25 <u>0.98</u> 0.00	19.73 <u>0.78</u> 0.00	19.55 <u>0.69</u> 0.00	18.36 <u>0.56</u> 0.00
GOWANUS_GT3_1 24122	20.19 <u>0.32</u> 0.00	18.82 <u>0.25</u> 0.00	18.66 <u>0.19</u> 0.00	19.21 <u>0.20</u> 0.00	18.79 <u>0.29</u> 0.00	21.40 <u>0.45</u> 0.00	21.45 <u>0.54</u> 0.00	28.04 <u>1.11</u> 0.00	23.38 <u>0.92</u> 0.00	20.17 <u>0.82</u> 0.00	18.18 <u>0.80</u> 0.00	16.80 <u>0.65</u> -3.47	12.55 <u>0.61</u> -0.38	16.18 <u>0.78</u> 0.00	17.92 <u>0.83</u> 0.00	18.46 <u>0.86</u> 0.00	19.55 <u>0.84</u> 0.00	20.34 <u>0.79</u> 0.00	23.57 <u>0.96</u> 0.00	31.15 <u>1.42</u> 0.00	23.25 <u>0.98</u> 0.00	19.73 <u>0.78</u> 0.00	19.55 <u>0.69</u> 0.00	18.36 <u>0.56</u> 0.00
GOWANUS_GT3_2 24123	20.19 <u>0.32</u> 0.00	18.82 <u>0.25</u> 0.00	18.66 <u>0.19</u> 0.00	19.21 <u>0.20</u> 0.00	18.79 <u>0.29</u> 0.00	21.40 <u>0.45</u> 0.00	21.45 <u>0.54</u> 0.00	28.04 <u>1.11</u> 0.00	23.38 <u>0.92</u> 0.00	20.17 <u>0.82</u> 0.00	18.18 <u>0.80</u> 0.00	16.80 <u>0.65</u> -3.47	12.55 <u>0.61</u> -0.38	16.18 <u>0.78</u> 0.00	17.92 <u>0.83</u> 0.00	18.46 <u>0.86</u> 0.00	19.55 <u>0.84</u> 0.00	20.34 <u>0.79</u> 0.00	23.57 <u>0.96</u> 0.00	31.15 <u>1.42</u> 0.00	23.25 <u>0.98</u> 0.00	19.73 <u>0.78</u> 0.00	19.55 <u>0.69</u> 0.00	18.36 <u>0.56</u> 0.00
GOWANUS_GT3_3 24124	20.19 <u>0.32</u> 0.00	18.82																						

GOWANUS_GT4_4 24133	20.19 0.32 0.00	18.82 0.26 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.28 0.00	21.40 0.45 0.00	21.46 0.55 0.00	28.04 1.11 0.00	23.37 0.92 0.00	20.17 0.81 0.00	18.19 0.81 0.00	16.79 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.45 0.85 0.00	19.55 0.84 0.00	20.35 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.74 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
GOWANUS_GT4_5 24134	20.19 0.32 0.00	18.82 0.26 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.28 0.00	21.40 0.45 0.00	21.46 0.55 0.00	28.04 1.11 0.00	23.37 0.92 0.00	20.17 0.81 0.00	18.19 0.81 0.00	16.79 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.45 0.85 0.00	19.55 0.84 0.00	20.35 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.74 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
GOWANUS_GT4_6 24135	20.19 0.32 0.00	18.82 0.26 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.28 0.00	21.40 0.45 0.00	21.46 0.55 0.00	28.04 1.11 0.00	23.37 0.92 0.00	20.17 0.81 0.00	18.19 0.81 0.00	16.79 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.45 0.85 0.00	19.55 0.84 0.00	20.35 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.74 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
GOWANUS_GT4_7 24136	20.19 0.32 0.00	18.82 0.26 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.28 0.00	21.40 0.45 0.00	21.46 0.55 0.00	28.04 1.11 0.00	23.37 0.92 0.00	20.17 0.81 0.00	18.19 0.81 0.00	16.79 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.45 0.85 0.00	19.55 0.84 0.00	20.35 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.74 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
GOWANUS_GT4_8 24137	20.19 0.32 0.00	18.82 0.26 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.28 0.00	21.40 0.45 0.00	21.46 0.55 0.00	28.04 1.11 0.00	23.37 0.92 0.00	20.17 0.81 0.00	18.19 0.81 0.00	16.79 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.45 0.85 0.00	19.55 0.84 0.00	20.35 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.74 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
GREENBSH_115KV_TB3 55895	19.97 0.10 0.00	18.69 0.13 0.00	18.66 0.18 0.00	19.22 0.21 0.00	18.76 0.25 0.00	21.23 0.28 0.00	21.21 0.30 0.00	27.56 0.63 0.00	22.87 0.40 0.00	19.58 0.23 0.00	17.59 0.21 0.00	9.71 0.16 3.12	11.37 0.14 0.34	15.58 0.18 0.00	17.27 0.19 0.00	17.78 0.19 0.00	18.89 0.18 0.00	19.76 0.21 0.00	22.97 0.37 0.00	30.36 0.62 0.00	22.74 0.47 0.00	19.37 0.42 0.00	19.20 0.35 0.00	18.10 0.30 0.00
GREENDGE_115KV_TB5 80291	20.28 0.41 0.00	18.88 0.32 0.00	18.80 0.32 0.00	19.38 0.36 0.00	18.86 0.35 0.00	21.66 0.70 0.00	21.61 0.69 0.00	27.72 0.78 0.00	23.10 0.63 0.00	19.82 0.47 0.00	17.53 0.15 0.00	12.79 0.12 0.00	11.71 0.14 0.00	15.57 0.17 0.00	17.24 0.16 0.00	17.80 0.20 0.00	19.08 0.38 0.00	19.96 0.41 0.00	22.97 0.37 0.00	29.90 0.16 0.00	22.31 0.04 0.00	19.11 0.16 0.00	19.08 0.22 0.00	17.90 0.10 0.00
GREENIDGE___3 23582	20.28 0.41 0.00	18.88 0.32 0.00	18.80 0.32 0.00	19.38 0.36 0.00	18.86 0.35 0.00	21.66 0.70 0.00	21.61 0.69 0.00	27.72 0.78 0.00	23.10 0.63 0.00	19.82 0.47 0.00	17.53 0.15 0.00	12.79 0.12 0.00	11.71 0.14 0.00	15.57 0.17 0.00	17.24 0.16 0.00	17.80 0.20 0.00	19.08 0.38 0.00	19.96 0.41 0.00	22.97 0.37 0.00	29.90 0.16 0.00	22.31 0.04 0.00	19.11 0.16 0.00	19.08 0.22 0.00	17.90 0.10 0.00
GREENIDGE___4 23583	20.27 0.41 0.00	18.88 0.31 0.00	18.80 0.32 0.00	19.37 0.36 0.00	18.86 0.35 0.00	21.66 0.70 0.00	21.61 0.69 0.00	27.72 0.79 0.00	23.09 0.63 0.00	19.82 0.47 0.00	17.53 0.15 0.00	12.79 0.12 0.00	11.71 0.14 0.00	15.57 0.17 0.00	17.24 0.16 0.00	17.80 0.20 0.00	19.07 0.37 0.00	19.96 0.41 0.00	22.97 0.37 0.00	29.90 0.16 0.00	22.31 0.04 0.00	19.11 0.16 0.00	19.08 0.22 0.00	17.90 0.10 0.00
GREENLWN_69_KV_BK 3 55738	20.11 0.24 0.00	18.76 0.19 0.00	18.60 0.12 0.00	19.15 0.14 0.00	18.70 0.20 0.00	21.43 0.48 0.00	21.51 0.60 0.00	28.02 1.08 0.00	23.16 0.70 0.00	20.02 0.67 0.00	18.03 0.65 0.00	16.62 0.49 -3.47	12.37 0.43 -0.37	15.99 0.60 0.00	17.79 0.71 0.00	18.25 0.65 0.00	19.37 0.66 0.00	20.20 0.65 0.00	23.48 0.88 0.00	31.04 1.31 0.00	23.22 0.95 0.00	19.76 0.80 0.00	19.58 0.72 0.00	18.41 0.62 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.19 0.32 0.00	18.82 0.26 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.28 0.00	21.40 0.45 0.00	21.46 0.55 0.00	28.04 1.11 0.00	23.37 0.92 0.00	20.17 0.81 0.00	18.19 0.81 0.00	16.79 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.45 0.85 0.00	19.55 0.84 0.00	20.35 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.74 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
GRISSOM___SOLAR 323813	21.62 1.76 0.00	20.16 1.60 0.00	20.07 1.59 0.00	20.63 1.61 0.00	20.10 1.60 0.00	22.93 1.98 0.00	23.12 2.21 0.00	29.86 2.92 0.00	24.57 2.11 0.00	20.92 1.57 0.00	18.51 1.13 0.00	11.48 0.76 1.95	12.00 0.64 0.21	16.22 0.83 0.00	18.00 0.91 0.00	18.57 0.97 0.00	19.89 1.19 0.00	21.39 1.84 0.00	24.89 2.29 0.00	32.88 3.15 0.00	24.55 2.28 0.00	20.67 1.71 0.00	20.50 1.64 0.00	19.25 1.45 0.00
GROVEVILLE___HYD 323602	20.23 0.36 0.00	18.87 0.31 0.00	18.75 0.27 0.00	19.31 0.30 0.00	18.86 0.35 0.00	21.46 0.51 0.00	21.50 0.60 0.00	28.03 1.10 0.00	23.24 0.78 0.00	19.97 0.61 0.00	17.96 0.58 0.00	16.42 0.43 -3.32	12.33 0.40 -0.36	15.92 0.52 0.00	17.66 0.57 0.00	18.19 0.60 0.00	19.30 0.60 0.00	20.17 0.61 0.00	23.42 0.82 0.00	30.99 1.26 0.00	23.18 0.91 0.00	19.69 0.73 0.00	19.50 0.64 0.00	18.33 0.53 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.93 0.06 0.00	18.59 0.03 0.00	18.51 0.04 0.00	19.04 0.03 0.00	18.50 -0.01 0.00	20.98 0.03 0.00	20.92 0.01 0.00	26.94 0.01 0.00	22.43 -0.03 0.00	19.32 -0.03 0.00	17.31 -0.07 0.00	12.62 -0.05 0.00	11.53 -0.04 0.00	15.33 -0.06 0.00	17.00 -0.08 0.00	17.53 -0.07 0.00	18.67 -0.03 0.00	19.50 -0.05 0.00	22.48 -0.12 0.00	29.61 -0.13 0.00	22.09 -0.18 0.00	18.86 -0.09 0.00	18.83 -0.03 0.00	17.74 -0.06 0.00
HAMLTNNY_34_KV_TB 80303	20.02 0.15 0.00	18.66 0.10 0.00	18.59 0.11 0.00	19.11 0.10 0.00	18.58 0.07 0.00	21.12 0.17 0.00	21.04 0.13 0.00	27.08 0.15 0.00	22.54 0.08 0.00	19.41 0.06 0.00	17.36 -0.02 0.00	12.65 -0.01 0.00	11.56 -0.01 0.00	15.37 -0.03 0.00	17.04 -0.04 0.00	17.58 -0.01 0.00	18.75 0.04 0.00	19.59 0.04 0.00	22.58 -0.02 0.00	29.74 0.01 0.00	22.18 -0.09 0.00	18.94 -0.01 0.00	18.91 0.05 0.00	17.82 0.03 0.00

HAMPSHIRE___PAPER_HYD 323593	19.23 -0.63 0.00	18.15 -0.42 0.00	18.11 -0.37 0.00	18.66 -0.35 0.00	18.22 -0.28 0.00	20.69 -0.26 0.00	20.76 -0.15 0.00	26.64 -0.30 0.00	22.17 -0.29 0.00	18.91 -0.44 0.00	16.84 -0.54 0.00	12.27 -0.40 0.00	11.21 -0.36 0.00	14.90 -0.50 0.00	16.64 -0.44 0.00	17.18 -0.42 0.00	18.40 -0.30 0.00	19.40 -0.15 0.00	22.39 -0.21 0.00	29.45 -0.28 0.00	21.96 -0.31 0.00	18.51 -0.44 0.00	18.21 -0.65 0.00	17.22 -0.58 0.00
HARDSCRABBLE_WT_PWR 323673	19.31 -0.56 0.00	17.96 -0.60 0.00	17.94 -0.53 0.00	18.45 -0.56 0.00	18.05 -0.45 0.00	20.51 -0.44 0.00	20.69 -0.22 0.00	27.00 0.06 0.00	22.36 -0.10 0.00	19.05 -0.30 0.00	17.01 -0.37 0.00	12.38 -0.29 0.00	11.29 -0.28 0.00	15.02 -0.38 0.00	16.67 -0.41 0.00	17.18 -0.41 0.00	18.29 -0.41 0.00	19.25 -0.31 0.00	22.47 -0.13 0.00	29.76 0.02 0.00	22.26 -0.01 0.00	18.64 -0.32 0.00	18.35 -0.51 0.00	17.13 -0.67 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.14 0.27 0.00	18.78 0.22 0.00	18.65 0.17 0.00	19.20 0.19 0.00	18.76 0.25 0.00	21.38 0.43 0.00	21.39 0.48 0.00	27.89 0.96 0.00	23.13 0.67 0.00	19.92 0.57 0.00	17.93 0.56 0.00	16.17 0.41 -3.08	12.29 0.38 -0.33	15.91 0.51 0.00	17.66 0.58 0.00	18.19 0.59 0.00	19.30 0.60 0.00	20.13 0.58 0.00	23.35 0.75 0.00	30.87 1.14 0.00	23.07 0.80 0.00	19.59 0.64 0.00	19.43 0.57 0.00	18.25 0.45 0.00
HARSNRAD_115KV_TB1 81005	19.20 -0.66 0.00	17.86 -0.70 0.00	17.78 -0.70 0.00	18.35 -0.67 0.00	17.75 -0.75 0.00	20.28 -0.67 0.00	19.88 -1.03 0.00	24.90 -2.03 0.00	20.80 -1.67 0.00	18.33 -1.02 0.00	16.35 -1.03 0.00	11.93 -0.75 0.00	10.84 -0.73 0.00	14.44 -0.96 0.00	16.05 -1.03 0.00	16.50 -1.09 0.00	17.52 -1.19 0.00	18.20 -1.36 0.00	20.60 -2.00 0.00	26.93 -2.80 0.00	19.93 -2.34 0.00	17.19 -1.77 0.00	17.83 -1.03 0.00	17.20 -0.60 0.00
HARZA MOOSE___RIVER 24016	19.70 -0.16 0.00	18.56 0.00 0.00	18.56 0.08 0.00	19.12 0.11 0.00	18.69 0.18 0.00	21.28 0.33 0.00	21.35 0.44 0.00	27.53 0.60 0.00	22.87 0.41 0.00	19.49 0.14 0.00	17.36 -0.02 0.00	12.65 -0.02 0.00	11.55 -0.02 0.00	15.36 -0.03 0.00	17.12 0.03 0.00	17.63 0.04 0.00	18.87 0.16 0.00	19.89 0.34 0.00	23.01 0.41 0.00	30.35 0.62 0.00	22.61 0.34 0.00	19.08 0.12 0.00	18.76 -0.10 0.00	17.66 -0.13 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	19.74 -0.12 0.00	18.42 -0.14 0.00	18.34 -0.14 0.00	18.86 -0.15 0.00	18.32 -0.19 0.00	20.76 -0.19 0.00	20.70 -0.21 0.00	26.65 -0.28 0.00	22.20 -0.26 0.00	19.14 -0.21 0.00	17.16 -0.22 0.00	12.51 -0.16 0.00	11.43 -0.14 0.00	15.21 -0.19 0.00	16.86 -0.22 0.00	17.38 -0.21 0.00	18.49 -0.21 0.00	19.31 -0.24 0.00	22.26 -0.35 0.00	29.28 -0.44 0.00	21.87 -0.40 0.00	18.67 -0.29 0.00	18.64 -0.22 0.00	17.57 -0.23 0.00
HELLGATE_13_KV_LD 55870	20.07 0.20 0.00	18.74 0.18 0.00	18.59 0.11 0.00	19.14 0.13 0.00	18.71 0.21 0.00	21.31 0.36 0.00	21.37 0.46 0.00	27.92 0.98 0.00	23.24 0.77 0.00	20.04 0.69 0.00	18.08 0.70 0.00	16.72 0.58 -3.47	12.50 0.55 -0.38	16.10 0.71 0.00	17.81 0.73 0.00	18.33 0.74 0.00	19.43 0.73 0.00	20.24 0.68 0.00	23.43 0.83 0.00	30.95 1.22 0.00	23.16 0.89 0.00	19.65 0.70 0.00	19.45 0.59 0.00	18.27 0.48 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.07 0.20 0.00	18.74 0.18 0.00	18.59 0.11 0.00	19.14 0.13 0.00	18.71 0.21 0.00	21.31 0.36 0.00	21.37 0.46 0.00	27.92 0.98 0.00	23.24 0.77 0.00	20.04 0.69 0.00	18.08 0.70 0.00	16.72 0.58 -3.47	12.50 0.55 -0.38	16.10 0.71 0.00	17.81 0.73 0.00	18.33 0.74 0.00	19.43 0.73 0.00	20.24 0.68 0.00	23.43 0.83 0.00	30.95 1.22 0.00	23.16 0.89 0.00	19.65 0.70 0.00	19.45 0.59 0.00	18.27 0.48 0.00
HEMPSTEAD____ 23647	20.17 0.31 0.00	18.80 0.24 0.00	18.64 0.16 0.00	19.20 0.19 0.00	18.76 0.25 0.00	21.46 0.50 0.00	21.55 0.64 0.00	28.10 1.17 0.00	23.25 0.79 0.00	20.09 0.74 0.00	18.08 0.70 0.00	16.67 0.53 -3.47	12.42 0.48 -0.37	16.04 0.65 0.00	17.83 0.75 0.00	18.33 0.73 0.00	19.45 0.74 0.00	20.28 0.72 0.00	23.57 0.96 0.00	31.17 1.44 0.00	23.30 1.03 0.00	19.81 0.86 0.00	19.63 0.77 0.00	18.43 0.63 0.00
HEWLETT__69_KV_BK3 55828	20.33 0.46 0.00	18.95 0.39 0.00	18.78 0.31 0.00	19.34 0.32 0.00	18.89 0.39 0.00	21.61 0.66 0.00	21.68 0.77 0.00	28.25 1.32 0.00	23.39 0.93 0.00	20.19 0.84 0.00	18.20 0.82 0.00	16.75 0.61 -3.47	12.50 0.55 -0.37	16.15 0.76 0.00	17.94 0.85 0.00	18.45 0.85 0.00	19.57 0.86 0.00	20.39 0.84 0.00	23.68 1.08 0.00	31.33 1.61 0.00	23.43 1.16 0.00	19.94 0.98 0.00	19.75 0.90 0.00	18.55 0.75 0.00
HICKLING___1 23621	19.99 0.12 0.00	18.59 0.03 0.00	18.51 0.03 0.00	19.07 0.06 0.00	18.57 0.06 0.00	21.33 0.38 0.00	21.21 0.30 0.00	27.26 0.33 0.00	22.63 0.16 0.00	19.58 0.23 0.00	17.40 0.02 0.00	12.75 0.08 0.00	11.71 0.14 0.00	15.57 0.18 0.00	17.25 0.16 0.00	17.82 0.23 0.00	18.90 0.20 0.00	19.65 0.10 0.00	22.55 -0.05 0.00	29.51 -0.22 0.00	21.85 -0.42 0.00	18.80 -0.15 0.00	18.78 -0.08 0.00	17.65 -0.15 0.00
HICKLING___2 23622	19.99 0.12 0.00	18.59 0.03 0.00	18.51 0.03 0.00	19.07 0.06 0.00	18.57 0.06 0.00	21.33 0.38 0.00	21.21 0.30 0.00	27.26 0.33 0.00	22.63 0.16 0.00	19.58 0.23 0.00	17.40 0.02 0.00	12.75 0.08 0.00	11.71 0.14 0.00	15.57 0.18 0.00	17.25 0.16 0.00	17.82 0.23 0.00	18.90 0.20 0.00	19.65 0.10 0.00	22.55 -0.05 0.00	29.51 -0.22 0.00	21.85 -0.42 0.00	18.80 -0.15 0.00	18.78 -0.08 0.00	17.65 -0.15 0.00
HIGH FALLS___HY 23754	20.38 0.51 0.00	18.95 0.38 0.00	18.78 0.30 0.00	19.34 0.33 0.00	18.89 0.39 0.00	21.59 0.64 0.00	21.63 0.72 0.00	28.22 1.29 0.00	23.44 0.98 0.00	20.09 0.74 0.00	18.04 0.66 0.00	15.03 0.45 -1.91	12.20 0.41 -0.21	15.93 0.54 0.00	17.68 0.59 0.00	18.23 0.63 0.00	19.32 0.62 0.00	20.20 0.64 0.00	23.52 0.92 0.00	31.13 1.40 0.00	23.28 1.01 0.00	19.76 0.80 0.00	19.58 0.72 0.00	18.39 0.59 0.00
HILLBURN___GT 23639	20.10 0.24 0.00	18.74 0.18 0.00	18.61 0.13 0.00	19.17 0.15 0.00	18.72 0.21 0.00	21.35 0.40 0.00	21.35 0.44 0.00	27.87 0.93 0.00	23.11 0.65 0.00	19.93 0.57 0.00	17.94 0.56 0.00	16.27 0.44 -3.16	12.32 0.41 -0.34	15.94 0.54 0.00	17.69 0.61 0.00	18.23 0.64 0.00	19.31 0.61 0.00	20.11 0.55 0.00	23.31 0.70 0.00	30.82 1.09 0.00	23.04 0.77 0.00	19.56 0.60 0.00	19.40 0.54 0.00	18.22 0.42 0.00
HILLSIDE_115KV_TB1 80332	19.71 -0.16 0.00	18.32 -0.25 0.00	18.23 -0.25 0.00	18.78 -0.23 0.00	18.28 -0.22 0.00	20.97 0.02 0.00	20.81 -0.10 0.00	26.85 -0.08 0.00	22.30 -0.16 0.00	19.33 -0.02 0.00	17.18 -0.20 0.00	12.57 -0.10 0.00	11.55 -0.02 0.00	15.36 -0.03 0.00	17.02 -0.06 0.00	17.57 -0.03 0.00	18.59 -0.11 0.00	19.33 -0.23 0.00	22.26 -0.34 0.00	29.23 -0.50 0.00	21.67 -0.60 0.00	18.64 -0.31 0.00	18.60 -0.25 0.00	17.46 -0.34 0.00

HISHELDN_WT_PWR 323625	19.43 -0.43 0.00	18.08 -0.49 0.00	17.99 -0.49 0.00	18.56 -0.46 0.00	17.97 -0.54 0.00	20.54 -0.41 0.00	20.16 -0.75 0.00	25.32 -1.62 0.00	21.15 -1.32 0.00	18.63 -0.71 0.00	16.66 -0.72 0.00	12.13 -0.54 0.00	11.05 -0.52 0.00	14.75 -0.65 0.00	16.39 -0.70 0.00	16.83 -0.77 0.00	17.83 -0.87 0.00	18.47 -1.08 0.00	20.79 -1.81 0.00	27.21 -2.52 0.00	20.11 -2.16 0.00	17.35 -1.61 0.00	17.94 -0.92 0.00	17.26 -0.54 0.00
HOLTSVILLE_IC_1 23690	20.18 0.31 0.00	18.80 0.23 0.00	18.62 0.14 0.00	19.17 0.16 0.00	18.73 0.23 0.00	21.54 0.58 0.00	21.65 0.73 0.00	28.21 1.28 0.00	23.25 0.79 0.00	20.12 0.77 0.00	18.06 0.68 0.00	16.64 0.50 -3.47	12.37 0.43 -0.37	16.01 0.61 0.00	17.81 0.73 0.00	18.28 0.68 0.00	19.41 0.70 0.00	20.31 0.76 0.00	23.70 1.10 0.00	31.34 1.61 0.00	23.40 1.13 0.00	19.90 0.95 0.00	19.70 0.85 0.00	18.57 0.77 0.00
HOLTSVILLE_IC_10 23699	20.26 0.39 0.00	18.86 0.30 0.00	18.68 0.20 0.00	19.24 0.23 0.00	18.80 0.29 0.00	21.63 0.67 0.00	21.75 0.84 0.00	28.35 1.42 0.00	23.35 0.89 0.00	20.19 0.84 0.00	18.12 0.74 0.00	16.67 0.54 -3.47	12.40 0.45 -0.37	16.04 0.65 0.00	17.86 0.78 0.00	18.33 0.74 0.00	19.47 0.76 0.00	20.39 0.84 0.00	23.83 1.22 0.00	31.51 1.78 0.00	23.51 1.24 0.00	20.00 1.04 0.00	19.79 0.93 0.00	18.65 0.85 0.00
HOLTSVILLE_IC_2 23691	20.18 0.31 0.00	18.80 0.23 0.00	18.62 0.14 0.00	19.17 0.16 0.00	18.73 0.23 0.00	21.54 0.58 0.00	21.65 0.73 0.00	28.21 1.28 0.00	23.25 0.79 0.00	20.12 0.77 0.00	18.06 0.68 0.00	16.64 0.50 -3.47	12.37 0.43 -0.37	16.01 0.61 0.00	17.81 0.73 0.00	18.28 0.68 0.00	19.41 0.70 0.00	20.31 0.76 0.00	23.70 1.10 0.00	31.34 1.61 0.00	23.40 1.13 0.00	19.90 0.95 0.00	19.70 0.85 0.00	18.57 0.77 0.00
HOLTSVILLE_IC_3 23692	20.18 0.31 0.00	18.80 0.23 0.00	18.62 0.14 0.00	19.17 0.16 0.00	18.73 0.23 0.00	21.54 0.58 0.00	21.65 0.73 0.00	28.21 1.28 0.00	23.25 0.79 0.00	20.12 0.77 0.00	18.06 0.68 0.00	16.64 0.50 -3.47	12.37 0.43 -0.37	16.01 0.61 0.00	17.81 0.73 0.00	18.28 0.68 0.00	19.41 0.70 0.00	20.31 0.76 0.00	23.70 1.10 0.00	31.34 1.61 0.00	23.40 1.13 0.00	19.90 0.95 0.00	19.70 0.85 0.00	18.57 0.77 0.00
HOLTSVILLE_IC_4 23693	20.18 0.31 0.00	18.80 0.23 0.00	18.62 0.14 0.00	19.17 0.16 0.00	18.73 0.23 0.00	21.54 0.58 0.00	21.65 0.73 0.00	28.21 1.28 0.00	23.25 0.79 0.00	20.12 0.77 0.00	18.06 0.68 0.00	16.64 0.50 -3.47	12.37 0.43 -0.37	16.01 0.61 0.00	17.81 0.73 0.00	18.28 0.68 0.00	19.41 0.70 0.00	20.31 0.76 0.00	23.70 1.10 0.00	31.34 1.61 0.00	23.40 1.13 0.00	19.90 0.95 0.00	19.70 0.85 0.00	18.57 0.77 0.00
HOLTSVILLE_IC_5 23694	20.18 0.31 0.00	18.80 0.23 0.00	18.62 0.14 0.00	19.17 0.16 0.00	18.73 0.23 0.00	21.54 0.58 0.00	21.65 0.73 0.00	28.21 1.28 0.00	23.25 0.79 0.00	20.12 0.77 0.00	18.06 0.68 0.00	16.64 0.50 -3.47	12.37 0.43 -0.37	16.01 0.61 0.00	17.81 0.73 0.00	18.28 0.68 0.00	19.41 0.70 0.00	20.31 0.76 0.00	23.70 1.10 0.00	31.34 1.61 0.00	23.40 1.13 0.00	19.90 0.95 0.00	19.70 0.85 0.00	18.57 0.77 0.00
HOLTSVILLE_IC_6 23695	20.26 0.39 0.00	18.86 0.30 0.00	18.68 0.20 0.00	19.24 0.23 0.00	18.80 0.29 0.00	21.63 0.67 0.00	21.75 0.84 0.00	28.35 1.42 0.00	23.35 0.89 0.00	20.19 0.84 0.00	18.12 0.74 0.00	16.67 0.54 -3.47	12.40 0.45 -0.37	16.04 0.65 0.00	17.86 0.78 0.00	18.33 0.74 0.00	19.47 0.76 0.00	20.39 0.84 0.00	23.83 1.22 0.00	31.51 1.78 0.00	23.51 1.24 0.00	20.00 1.04 0.00	19.79 0.93 0.00	18.65 0.85 0.00
HOLTSVILLE_IC_7 23696	20.26 0.39 0.00	18.86 0.30 0.00	18.68 0.20 0.00	19.24 0.23 0.00	18.80 0.29 0.00	21.63 0.67 0.00	21.75 0.84 0.00	28.35 1.42 0.00	23.35 0.89 0.00	20.19 0.84 0.00	18.12 0.74 0.00	16.67 0.54 -3.47	12.40 0.45 -0.37	16.04 0.65 0.00	17.86 0.78 0.00	18.33 0.74 0.00	19.47 0.76 0.00	20.39 0.84 0.00	23.83 1.22 0.00	31.51 1.78 0.00	23.51 1.24 0.00	20.00 1.04 0.00	19.79 0.93 0.00	18.65 0.85 0.00
HOLTSVILLE_IC_8 23697	20.26 0.39 0.00	18.86 0.30 0.00	18.68 0.20 0.00	19.24 0.23 0.00	18.80 0.29 0.00	21.63 0.67 0.00	21.75 0.84 0.00	28.35 1.42 0.00	23.35 0.89 0.00	20.19 0.84 0.00	18.12 0.74 0.00	16.67 0.54 -3.47	12.40 0.45 -0.37	16.04 0.65 0.00	17.86 0.78 0.00	18.33 0.74 0.00	19.47 0.76 0.00	20.39 0.84 0.00	23.83 1.22 0.00	31.51 1.78 0.00	23.51 1.24 0.00	20.00 1.04 0.00	19.79 0.93 0.00	18.65 0.85 0.00
HOLTSVILLE_IC_9 23698	20.26 0.39 0.00	18.86 0.30 0.00	18.68 0.20 0.00	19.24 0.23 0.00	18.80 0.29 0.00	21.63 0.67 0.00	21.75 0.84 0.00	28.35 1.42 0.00	23.35 0.89 0.00	20.19 0.84 0.00	18.12 0.74 0.00	16.67 0.54 -3.47	12.40 0.45 -0.37	16.04 0.65 0.00	17.86 0.78 0.00	18.33 0.74 0.00	19.47 0.76 0.00	20.39 0.84 0.00	23.83 1.22 0.00	31.51 1.78 0.00	23.51 1.24 0.00	20.00 1.04 0.00	19.79 0.93 0.00	18.65 0.85 0.00
HOMER_HL_115KV_TB2 355744	20.13 0.26 0.00	18.75 0.18 0.00	18.64 0.16 0.00	19.23 0.22 0.00	18.62 0.12 0.00	21.37 0.42 0.00	21.04 0.13 0.00	26.76 -0.18 0.00	22.33 -0.13 0.00	19.61 0.26 0.00	17.58 0.20 0.00	12.86 0.19 0.00	11.81 0.23 0.00	15.84 0.45 0.00	17.56 0.48 0.00	18.04 0.45 0.00	18.95 0.25 0.00	19.40 -0.15 0.00	22.02 -0.59 0.00	28.89 -0.84 0.00	21.40 -0.87 0.00	18.52 -0.43 0.00	18.96 0.10 0.00	18.01 0.21 0.00
HOWARD_WT_PWR 323690	20.03 0.16 0.00	18.78 0.21 0.00	18.70 0.22 0.00	19.31 0.30 0.00	18.79 0.29 0.00	21.69 0.73 0.00	21.60 0.69 0.00	27.78 0.84 0.00	23.03 0.57 0.00	19.84 0.49 0.00	17.55 0.17 0.00	12.87 0.19 0.00	11.79 0.21 0.00	15.65 0.26 0.00	17.32 0.23 0.00	17.90 0.30 0.00	18.98 0.27 0.00	19.92 0.36 0.00	22.87 0.26 0.00	29.53 -0.20 0.00	21.53 -0.74 0.00	18.61 -0.34 0.00	18.57 -0.29 0.00	17.34 -0.46 0.00
HQ_GEN_CEDARS 23644	20.07 0.21 0.00	18.79 0.23 0.00	18.69 0.21 0.00	19.23 0.21 0.00	18.70 0.20 0.00	21.12 0.17 0.00	21.08 0.17 0.00	26.94 0.01 0.00	22.54 0.08 0.00	19.45 0.10 0.00	17.45 0.08 0.00	12.70 0.03 0.00	11.60 0.03 0.00	15.44 0.05 0.00	17.18 0.09 0.00	17.70 0.10 0.00	18.88 0.18 0.00	19.77 0.22 0.00	22.78 0.18 0.00	29.85 0.11 0.00	22.35 0.08 0.00	18.98 0.03 0.00	18.90 0.04 0.00	17.94 0.14 0.00
HQ_GEN_CEDARS_PROXY 323590	20.07 0.21 0.00	18.79 0.23 0.00	18.69 0.21 0.00	19.23 0.21 0.00	18.55 0.20 0.16	21.12 0.17 0.00	21.08 0.17 0.00	26.94 0.01 0.00	22.54 0.08 0.00	19.45 0.10 0.00	17.45 0.08 0.00	12.70 0.03 0.00	11.60 0.03 0.00	15.44 0.05 0.00	17.18 0.09 0.00	17.70 0.10 0.00	18.88 0.18 0.00	19.78 0.22 0.00	22.78 0.18 0.00	29.85 0.11 0.00	22.35 0.08 0.00	18.98 0.03 0.00	18.90 0.04 0.00	17.94 0.14 0.00

HQ_GEN_IMPORT 323601	20.02 0.16 0.00	18.72 0.15 0.00	18.63 0.15 0.00	19.16 0.15 0.00	18.64 0.13 0.00	21.07 0.12 0.00	21.02 0.11 0.00	26.90 -0.03 0.00	22.52 0.06 0.00	19.45 0.10 0.00	17.47 0.09 0.00	12.73 0.06 0.00	11.62 0.05 0.00	15.47 0.08 0.00	17.18 0.10 0.00	17.70 0.10 0.00	18.83 0.13 0.00	19.69 0.14 0.00	22.72 0.11 0.00	29.79 0.05 0.00	22.34 0.07 0.00	19.01 0.05 0.00	18.93 0.07 0.00	17.92 0.12 0.00
HQ_GEN_WHEEL 23651	20.02 0.16 0.00	18.72 0.15 0.00	18.63 0.15 0.00	19.16 0.15 0.00	18.64 0.13 0.00	21.07 0.12 0.00	21.02 0.11 0.00	26.90 -0.03 0.00	22.52 0.06 0.00	19.45 0.10 0.00	17.47 0.09 0.00	12.73 0.06 0.00	11.62 0.05 0.00	15.47 0.08 0.00	17.18 0.10 0.00	17.70 0.10 0.00	18.83 0.13 0.00	19.69 0.14 0.00	22.72 0.11 0.00	29.79 0.05 0.00	22.34 0.07 0.00	19.01 0.05 0.00	18.93 0.07 0.00	17.92 0.12 0.00
HUDSON AVE_GT_3 23810	20.10 0.23 0.00	18.77 0.20 0.00	18.62 0.14 0.00	19.18 0.17 0.00	18.75 0.24 0.00	21.35 0.40 0.00	21.39 0.48 0.00	27.96 1.02 0.00	23.22 0.75 0.00	20.04 0.69 0.00	18.09 0.70 0.00	16.71 0.57 -3.47	12.49 0.54 -0.38	16.11 0.71 0.00	17.82 0.73 0.00	18.35 0.75 0.00	19.44 0.74 0.00	20.23 0.68 0.00	23.43 0.83 0.00	30.95 1.22 0.00	23.16 0.89 0.00	19.66 0.71 0.00	19.47 0.61 0.00	18.28 0.49 0.00
HUDSON AVE_GT_4 23540	20.10 0.23 0.00	18.77 0.20 0.00	18.62 0.14 0.00	19.18 0.17 0.00	18.75 0.24 0.00	21.35 0.40 0.00	21.39 0.48 0.00	27.96 1.02 0.00	23.22 0.75 0.00	20.04 0.69 0.00	18.09 0.70 0.00	16.71 0.57 -3.47	12.49 0.54 -0.38	16.11 0.71 0.00	17.82 0.73 0.00	18.35 0.75 0.00	19.44 0.74 0.00	20.23 0.68 0.00	23.43 0.83 0.00	30.95 1.22 0.00	23.16 0.89 0.00	19.66 0.71 0.00	19.47 0.61 0.00	18.28 0.49 0.00
HUDSON AVE_GT_5 23657	20.10 0.23 0.00	18.77 0.20 0.00	18.62 0.14 0.00	19.18 0.17 0.00	18.75 0.24 0.00	21.35 0.40 0.00	21.39 0.48 0.00	27.96 1.02 0.00	23.22 0.75 0.00	20.04 0.69 0.00	18.09 0.70 0.00	16.71 0.57 -3.47	12.49 0.54 -0.38	16.11 0.71 0.00	17.82 0.73 0.00	18.35 0.75 0.00	19.44 0.74 0.00	20.23 0.68 0.00	23.43 0.83 0.00	30.95 1.22 0.00	23.16 0.89 0.00	19.66 0.71 0.00	19.47 0.61 0.00	18.28 0.49 0.00
HUDSON_AVE_10 24168	20.06 0.19 0.00	18.73 0.17 0.00	18.59 0.11 0.00	19.15 0.13 0.00	18.71 0.21 0.00	21.30 0.35 0.00	21.35 0.44 0.00	27.90 0.97 0.00	23.18 0.72 0.00	19.99 0.64 0.00	18.05 0.67 0.00	16.69 0.55 -3.47	12.47 0.52 -0.38	16.07 0.68 0.00	17.78 0.70 0.00	18.30 0.71 0.00	19.40 0.69 0.00	20.19 0.63 0.00	23.36 0.76 0.00	30.86 1.12 0.00	23.10 0.83 0.00	19.60 0.65 0.00	19.40 0.54 0.00	18.22 0.42 0.00
HUDSON___115KV_TB 4 355613	20.22 0.36 0.00	18.97 0.41 0.00	18.96 0.48 0.00	19.53 0.52 0.00	19.05 0.55 0.00	21.50 0.55 0.00	21.54 0.63 0.00	28.00 1.06 0.00	23.21 0.74 0.00	19.76 0.41 0.00	17.67 0.29 0.00	10.82 0.21 2.07	11.48 0.13 0.22	15.58 0.19 0.00	17.31 0.23 0.00	17.84 0.25 0.00	19.00 0.30 0.00	19.97 0.42 0.00	23.35 0.75 0.00	30.93 1.20 0.00	23.16 0.89 0.00	19.71 0.75 0.00	19.51 0.66 0.00	18.38 0.59 0.00
HUNTER MOUNT___DRP 323613	20.29 0.43 0.00	19.07 0.51 0.00	19.09 0.61 0.00	19.68 0.67 0.00	19.19 0.68 0.00	21.56 0.61 0.00	21.61 0.70 0.00	28.08 1.15 0.00	23.28 0.82 0.00	19.77 0.42 0.00	17.64 0.26 0.00	12.88 0.21 0.00	11.66 0.09 0.00	15.53 0.14 0.00	17.30 0.22 0.00	17.87 0.27 0.00	19.02 0.32 0.00	20.05 0.49 0.00	23.51 0.91 0.00	31.14 1.41 0.00	23.31 1.04 0.00	19.84 0.88 0.00	19.63 0.77 0.00	18.49 0.69 0.00
HUNTINGTON_RES_REC 323705	20.15 0.28 0.00	18.78 0.22 0.00	18.61 0.12 0.00	19.16 0.15 0.00	18.72 0.22 0.00	21.48 0.53 0.00	21.58 0.67 0.00	28.12 1.19 0.00	23.22 0.75 0.00	20.06 0.71 0.00	18.03 0.65 0.00	16.62 0.48 -3.47	12.35 0.41 -0.37	15.98 0.58 0.00	17.78 0.69 0.00	18.25 0.65 0.00	19.37 0.67 0.00	20.25 0.70 0.00	23.60 1.00 0.00	31.21 1.49 0.00	23.34 1.07 0.00	19.85 0.90 0.00	19.66 0.80 0.00	18.49 0.70 0.00
HUNTLEY___63 23557	19.38 -0.48 0.00	18.04 -0.53 0.00	17.96 -0.52 0.00	18.52 -0.49 0.00	17.93 -0.57 0.00	20.49 -0.46 0.00	20.08 -0.82 0.00	25.14 -1.80 0.00	20.97 -1.49 0.00	18.49 -0.86 0.00	16.50 -0.88 0.00	12.04 -0.63 0.00	10.95 -0.63 0.00	14.61 -0.78 0.00	16.22 -0.86 0.00	16.66 -0.93 0.00	17.67 -1.03 0.00	18.37 -1.19 0.00	20.79 -1.82 0.00	27.17 -2.56 0.00	20.10 -2.17 0.00	17.34 -1.62 0.00	17.96 -0.90 0.00	17.36 -0.44 0.00
HUNTLEY___64 23558	19.38 -0.48 0.00	18.04 -0.53 0.00	17.96 -0.52 0.00	18.52 -0.49 0.00	17.93 -0.57 0.00	20.49 -0.46 0.00	20.08 -0.82 0.00	25.14 -1.80 0.00	20.97 -1.49 0.00	18.49 -0.86 0.00	16.50 -0.88 0.00	12.04 -0.63 0.00	10.95 -0.63 0.00	14.61 -0.78 0.00	16.22 -0.86 0.00	16.66 -0.93 0.00	17.67 -1.03 0.00	18.37 -1.19 0.00	20.79 -1.82 0.00	27.17 -2.56 0.00	20.10 -2.17 0.00	17.34 -1.62 0.00	17.96 -0.90 0.00	17.36 -0.44 0.00
HUNTLEY___65 23559	19.38 -0.48 0.00	18.04 -0.53 0.00	17.96 -0.52 0.00	18.52 -0.49 0.00	17.93 -0.57 0.00	20.49 -0.46 0.00	20.08 -0.82 0.00	25.14 -1.80 0.00	20.97 -1.49 0.00	18.49 -0.86 0.00	16.50 -0.88 0.00	12.04 -0.63 0.00	10.95 -0.63 0.00	14.61 -0.78 0.00	16.22 -0.86 0.00	16.66 -0.93 0.00	17.67 -1.03 0.00	18.37 -1.19 0.00	20.79 -1.82 0.00	27.17 -2.56 0.00	20.10 -2.17 0.00	17.34 -1.62 0.00	17.96 -0.90 0.00	17.36 -0.44 0.00
HUNTLEY___66 23560	19.38 -0.48 0.00	18.04 -0.53 0.00	17.96 -0.52 0.00	18.52 -0.49 0.00	17.93 -0.57 0.00	20.49 -0.46 0.00	20.08 -0.82 0.00	25.14 -1.80 0.00	20.97 -1.49 0.00	18.49 -0.86 0.00	16.50 -0.88 0.00	12.04 -0.63 0.00	10.95 -0.63 0.00	14.61 -0.78 0.00	16.22 -0.86 0.00	16.66 -0.93 0.00	17.67 -1.03 0.00	18.37 -1.19 0.00	20.79 -1.82 0.00	27.17 -2.56 0.00	20.10 -2.17 0.00	17.34 -1.62 0.00	17.96 -0.90 0.00	17.36 -0.44 0.00
HUNTLEY___67 23561	19.30 -0.56 0.00	17.95 -0.61 0.00	17.87 -0.61 0.00	18.43 -0.58 0.00	17.84 -0.66 0.00	20.38 -0.57 0.00	19.99 -0.92 0.00	25.07 -1.87 0.00	20.93 -1.54 0.00	18.45 -0.90 0.00	16.47 -0.90 0.00	12.02 -0.65 0.00	10.95 -0.62 0.00	14.60 -0.79 0.00	16.23 -0.86 0.00	16.65 -0.94 0.00	17.65 -1.05 0.00	18.32 -1.23 0.00	20.75 -1.85 0.00	27.11 -2.62 0.00	20.07 -2.20 0.00	17.31 -1.65 0.00	17.90 -0.96 0.00	17.26 -0.54 0.00
HUNTLEY___68 23562	19.30 -0.56 0.00	17.95 -0.61 0.00	17.87 -0.61 0.00	18.43 -0.58 0.00	17.84 -0.66 0.00	20.38 -0.57 0.00	19.99 -0.92 0.00	25.07 -1.87 0.00	20.93 -1.54 0.00	18.45 -0.90 0.00	16.47 -0.90 0.00	12.02 -0.65 0.00	10.95 -0.62 0.00	14.60 -0.79 0.00	16.23 -0.86 0.00	16.65 -0.94 0.00	17.65 -1.05 0.00	18.32 -1.23 0.00	20.75 -1.85 0.00	27.11 -2.62 0.00	20.07 -2.20 0.00	17.31 -1.65 0.00	17.90 -0.96 0.00	17.26 -0.54 0.00

HYLAND___LFGE 323620	20.38 0.51 0.00	19.00 0.44 0.00	18.91 0.43 0.00	19.51 0.49 0.00	18.98 0.47 0.00	21.83 0.88 0.00	21.82 0.91 0.00	27.97 1.04 0.00	23.06 0.60 0.00	19.45 0.11 0.00	17.24 -0.14 0.00	12.61 -0.06 0.00	11.53 -0.04 0.00	15.30 -0.09 0.00	16.99 -0.09 0.00	17.72 0.13 0.00	19.03 0.32 0.00	20.01 0.46 0.00	22.94 0.33 0.00	30.11 0.38 0.00	22.25 -0.02 0.00	19.10 0.14 0.00	19.21 0.36 0.00	18.06 0.27 0.00
INDECK___CORINTH 23802	20.18 0.32 0.00	18.87 0.31 0.00	18.78 0.30 0.00	19.33 0.32 0.00	18.90 0.40 0.00	21.49 0.54 0.00	21.59 0.68 0.00	28.14 1.20 0.00	23.35 0.89 0.00	19.86 0.51 0.00	17.69 0.31 0.00	9.77 0.17 3.06	11.40 0.16 0.33	15.58 0.18 0.00	17.27 0.19 0.00	17.82 0.23 0.00	19.01 0.30 0.00	20.09 0.54 0.00	23.48 0.88 0.00	31.04 1.31 0.00	23.22 0.95 0.00	19.67 0.72 0.00	19.43 0.57 0.00	18.28 0.48 0.00
INDECK___ILION 23567	19.63 -0.23 0.00	18.32 -0.24 0.00	18.26 -0.22 0.00	18.79 -0.22 0.00	18.34 -0.16 0.00	20.81 -0.14 0.00	20.87 -0.04 0.00	27.09 0.15 0.00	22.49 0.03 0.00	19.24 -0.11 0.00	17.21 -0.16 0.00	12.54 -0.13 0.00	11.44 -0.13 0.00	15.22 -0.17 0.00	16.89 -0.20 0.00	17.40 -0.19 0.00	18.51 -0.19 0.00	19.43 -0.13 0.00	22.60 0.00 0.00	29.85 0.11 0.00	22.35 0.08 0.00	18.93 -0.03 0.00	18.73 -0.12 0.00	17.59 -0.21 0.00
INDECK___OLEAN 23982	20.13 0.26 0.00	18.75 0.18 0.00	18.64 0.17 0.00	19.23 0.22 0.00	18.62 0.12 0.00	21.37 0.42 0.00	21.04 0.13 0.00	26.76 -0.17 0.00	22.33 -0.13 0.00	19.60 0.25 0.00	17.60 0.22 0.00	12.86 0.19 0.00	11.81 0.23 0.00	15.84 0.45 0.00	17.56 0.48 0.00	18.04 0.45 0.00	18.96 0.25 0.00	19.40 -0.15 0.00	22.02 -0.58 0.00	28.89 -0.84 0.00	21.40 -0.87 0.00	18.52 -0.43 0.00	18.95 0.09 0.00	18.01 0.21 0.00
INDECK___OSWEGO 23783	19.48 -0.38 0.00	18.21 -0.35 0.00	18.14 -0.34 0.00	18.65 -0.36 0.00	18.10 -0.40 0.00	20.46 -0.49 0.00	20.43 -0.49 0.00	26.27 -0.66 0.00	21.89 -0.57 0.00	18.85 -0.49 0.00	16.93 -0.44 0.00	12.34 -0.33 0.00	11.28 -0.29 0.00	14.99 -0.40 0.00	16.63 -0.45 0.00	17.13 -0.46 0.00	18.23 -0.47 0.00	19.07 -0.49 0.00	21.98 -0.62 0.00	28.93 -0.80 0.00	21.63 -0.64 0.00	18.44 -0.51 0.00	18.37 -0.49 0.00	17.31 -0.48 0.00
INDECK___YERKES 23781	19.40 -0.46 0.00	18.06 -0.51 0.00	17.98 -0.50 0.00	18.55 -0.47 0.00	17.95 -0.55 0.00	20.51 -0.44 0.00	20.11 -0.80 0.00	25.16 -1.77 0.00	20.99 -1.47 0.00	18.51 -0.84 0.00	16.55 -0.82 0.00	12.05 -0.62 0.00	10.96 -0.61 0.00	14.63 -0.77 0.00	16.25 -0.84 0.00	16.68 -0.91 0.00	17.69 -1.01 0.00	18.39 -1.17 0.00	20.81 -1.79 0.00	27.21 -2.52 0.00	20.13 -2.15 0.00	17.35 -1.60 0.00	17.97 -0.89 0.00	17.37 -0.42 0.00
INDIAN POINT_GT_1 24139	20.05 0.19 0.00	18.71 0.15 0.00	18.57 0.09 0.00	19.13 0.11 0.00	18.69 0.18 0.00	21.29 0.34 0.00	21.31 0.40 0.00	27.81 0.88 0.00	23.06 0.60 0.00	19.87 0.52 0.00	17.91 0.53 0.00	16.48 0.41 -3.40	12.33 0.39 -0.37	15.90 0.51 0.00	17.64 0.56 0.00	18.16 0.57 0.00	19.25 0.54 0.00	20.06 0.51 0.00	23.26 0.66 0.00	30.75 1.02 0.00	23.00 0.73 0.00	19.53 0.58 0.00	19.37 0.51 0.00	18.19 0.40 0.00
INDIAN POINT_GT_2 23659	20.05 0.19 0.00	18.71 0.15 0.00	18.57 0.09 0.00	19.13 0.11 0.00	18.69 0.18 0.00	21.29 0.34 0.00	21.31 0.40 0.00	27.81 0.88 0.00	23.06 0.60 0.00	19.87 0.52 0.00	17.91 0.53 0.00	16.48 0.41 -3.40	12.33 0.39 -0.37	15.90 0.51 0.00	17.64 0.56 0.00	18.16 0.57 0.00	19.25 0.54 0.00	20.06 0.51 0.00	23.26 0.66 0.00	30.75 1.02 0.00	23.00 0.73 0.00	19.53 0.58 0.00	19.37 0.51 0.00	18.19 0.40 0.00
INDIAN POINT_GT_3 24019	20.05 0.19 0.00	18.71 0.15 0.00	18.57 0.09 0.00	19.13 0.11 0.00	18.69 0.18 0.00	21.29 0.34 0.00	21.31 0.40 0.00	27.81 0.88 0.00	23.06 0.60 0.00	19.87 0.52 0.00	17.91 0.53 0.00	16.48 0.41 -3.40	12.33 0.39 -0.37	15.90 0.51 0.00	17.64 0.56 0.00	18.16 0.57 0.00	19.25 0.54 0.00	20.06 0.51 0.00	23.26 0.66 0.00	30.75 1.02 0.00	23.00 0.73 0.00	19.53 0.58 0.00	19.37 0.51 0.00	18.19 0.40 0.00
INDIAN POINT___2 23530	20.04 0.18 0.00	18.70 0.14 0.00	18.57 0.09 0.00	19.13 0.11 0.00	18.68 0.17 0.00	21.28 0.33 0.00	21.31 0.40 0.00	27.79 0.86 0.00	23.05 0.59 0.00	19.87 0.52 0.00	17.90 0.52 0.00	16.39 0.41 -3.31	12.31 0.38 -0.36	15.90 0.50 0.00	17.63 0.55 0.00	18.17 0.57 0.00	19.25 0.54 0.00	20.05 0.49 0.00	23.25 0.65 0.00	30.74 1.01 0.00	22.99 0.71 0.00	19.52 0.56 0.00	19.36 0.50 0.00	18.18 0.39 0.00
INDIAN POINT___3 23531	20.05 0.18 0.00	18.70 0.14 0.00	18.57 0.09 0.00	19.13 0.11 0.00	18.68 0.18 0.00	21.28 0.33 0.00	21.31 0.40 0.00	27.79 0.86 0.00	23.05 0.59 0.00	19.86 0.52 0.00	17.90 0.52 0.00	16.48 0.41 -3.40	12.32 0.38 -0.37	15.90 0.50 0.00	17.63 0.55 0.00	18.16 0.56 0.00	19.24 0.54 0.00	20.05 0.49 0.00	23.25 0.65 0.00	30.74 1.01 0.00	22.99 0.72 0.00	19.52 0.57 0.00	19.36 0.50 0.00	18.19 0.39 0.00
INGHAM_C_115KV_TB7 356103	19.22 -0.64 0.00	17.90 -0.66 0.00	17.86 -0.62 0.00	18.38 -0.63 0.00	18.00 -0.51 0.00	20.48 -0.47 0.00	20.64 -0.27 0.00	26.99 0.06 0.00	22.33 -0.13 0.00	18.94 -0.41 0.00	16.88 -0.50 0.00	12.28 -0.39 0.00	11.19 -0.38 0.00	14.88 -0.51 0.00	16.52 -0.56 0.00	17.03 -0.56 0.00	18.13 -0.58 0.00	19.12 -0.44 0.00	22.38 -0.22 0.00	29.68 -0.05 0.00	22.22 -0.05 0.00	18.70 -0.26 0.00	18.41 -0.45 0.00	17.20 -0.60 0.00
IP CORINTH___1 23988	20.18 0.32 0.00	18.87 0.31 0.00	18.78 0.30 0.00	19.33 0.32 0.00	18.90 0.40 0.00	21.49 0.54 0.00	21.59 0.68 0.00	28.13 1.20 0.00	23.36 0.89 0.00	19.86 0.51 0.00	17.70 0.31 0.00	9.77 0.17 3.06	11.40 0.17 0.33	15.58 0.18 0.00	17.27 0.19 0.00	17.82 0.23 0.00	19.01 0.30 0.00	20.09 0.54 0.00	23.48 0.88 0.00	31.05 1.31 0.00	23.22 0.95 0.00	19.67 0.72 0.00	19.43 0.57 0.00	18.28 0.48 0.00
IP___TICONDEROGA 23804	20.56 0.70 0.00	19.25 0.69 0.00	19.14 0.66 0.00	19.70 0.69 0.00	19.36 0.86 0.00	22.05 1.10 0.00	22.25 1.34 0.00	29.23 2.30 0.00	24.39 1.93 0.00	20.50 1.15 0.00	18.09 0.71 0.00	9.86 0.33 3.14	11.53 0.30 0.34	15.80 0.41 0.00	17.53 0.45 0.00	18.11 0.52 0.00	19.38 0.68 0.00	20.73 1.17 0.00	24.51 1.90 0.00	32.41 2.68 0.00	24.22 1.95 0.00	20.42 1.46 0.00	20.03 1.18 0.00	18.84 1.04 0.00
ISLIP_RES_REC 323679	20.35 0.49 0.00	18.96 0.39 0.00	18.75 0.28 0.00	19.31 0.30 0.00	18.86 0.36 0.00	21.71 0.75 0.00	21.84 0.93 0.00	28.47 1.54 0.00	23.45 0.99 0.00	20.27 0.92 0.00	18.18 0.80 0.00	16.71 0.57 -3.47	12.43 0.48 -0.37	16.09 0.69 0.00	17.91 0.83 0.00	18.39 0.79 0.00	19.53 0.82 0.00	20.47 0.91 0.00	23.92 1.32 0.00	31.64 1.91 0.00	23.61 1.34 0.00	20.07 1.12 0.00	19.86 1.00 0.00	18.71 0.91 0.00

JAMAICA__27_KV_LOAD 355505	20.23 0.37 0.00	18.93 0.36 0.00	18.79 0.31 0.00	19.33 0.32 0.00	18.88 0.37 0.00	21.51 0.56 0.00	21.54 0.63 0.00	28.18 1.25 0.00	23.42 0.95 0.00	20.14 0.79 0.00	18.21 0.84 0.00	16.81 0.67 -3.47	12.58 0.64 -0.38	16.22 0.83 0.00	17.91 0.83 0.00	18.45 0.86 0.00	19.54 0.84 0.00	20.36 0.81 0.00	23.52 0.92 0.00	31.08 1.35 0.00	23.26 0.99 0.00	19.73 0.77 0.00	19.52 0.66 0.00	18.33 0.54 0.00
JANIS__SOLAR 323808	20.64 0.78 0.00	19.20 0.64 0.00	19.18 0.70 0.00	19.74 0.73 0.00	19.27 0.76 0.00	22.06 1.11 0.00	22.07 1.16 0.00	28.52 1.58 0.00	23.58 1.12 0.00	20.01 0.66 0.00	17.69 0.30 0.00	12.83 0.16 0.00	11.72 0.15 0.00	15.63 0.24 0.00	17.29 0.20 0.00	17.85 0.26 0.00	19.27 0.57 0.00	20.35 0.80 0.00	23.59 0.98 0.00	31.04 1.31 0.00	22.99 0.72 0.00	19.53 0.57 0.00	19.49 0.63 0.00	18.35 0.55 0.00
JARVIS____ 23743	19.80 -0.06 0.00	18.51 -0.06 0.00	18.43 -0.05 0.00	18.97 -0.04 0.00	18.48 -0.02 0.00	20.93 -0.02 0.00	20.91 0.00 0.00	27.01 0.08 0.00	22.48 0.02 0.00	19.33 -0.02 0.00	17.36 -0.02 0.00	12.66 -0.01 0.00	11.56 -0.01 0.00	15.38 -0.02 0.00	17.07 -0.02 0.00	17.58 -0.02 0.00	18.68 -0.02 0.00	19.54 -0.02 0.00	22.62 0.02 0.00	29.81 0.07 0.00	22.32 0.04 0.00	18.98 0.03 0.00	18.86 0.00 0.00	17.77 -0.03 0.00
JENNISON____1 23625	20.53 0.66 0.00	19.00 0.44 0.00	19.11 0.63 0.00	19.65 0.64 0.00	19.21 0.70 0.00	22.02 1.07 0.00	22.00 1.09 0.00	28.49 1.56 0.00	23.64 1.18 0.00	20.24 0.89 0.00	17.98 0.60 0.00	13.07 0.40 0.00	11.96 0.39 0.00	15.93 0.53 0.00	17.64 0.56 0.00	18.19 0.59 0.00	19.45 0.75 0.00	20.45 0.89 0.00	23.65 1.04 0.00	30.96 1.23 0.00	22.84 0.57 0.00	19.20 0.25 0.00	19.17 0.31 0.00	18.12 0.33 0.00
JENNISON____2 23626	20.53 0.66 0.00	19.00 0.44 0.00	19.11 0.63 0.00	19.65 0.64 0.00	19.21 0.70 0.00	22.02 1.07 0.00	22.00 1.09 0.00	28.49 1.56 0.00	23.64 1.18 0.00	20.24 0.89 0.00	17.98 0.60 0.00	13.07 0.40 0.00	11.96 0.39 0.00	15.93 0.53 0.00	17.64 0.56 0.00	18.19 0.59 0.00	19.45 0.75 0.00	20.45 0.89 0.00	23.65 1.04 0.00	30.96 1.23 0.00	22.84 0.57 0.00	19.20 0.25 0.00	19.17 0.31 0.00	18.12 0.33 0.00
JERICOHO_RISE_WT_PWR 323719	20.35 0.49 0.00	18.99 0.43 0.00	18.83 0.35 0.00	19.37 0.36 0.00	18.79 0.28 0.00	21.11 0.16 0.00	21.08 0.16 0.00	27.08 0.15 0.00	22.62 0.16 0.00	19.54 0.19 0.00	17.62 0.24 0.00	12.82 0.15 0.00	11.70 0.12 0.00	15.54 0.14 0.00	17.28 0.20 0.00	17.84 0.24 0.00	19.07 0.37 0.00	20.03 0.47 0.00	23.12 0.52 0.00	30.29 0.56 0.00	22.71 0.44 0.00	19.23 0.28 0.00	19.03 0.17 0.00	18.01 0.21 0.00
KATONAH__115KV_46KV_TB4 355592	20.14 0.27 0.00	18.80 0.24 0.00	18.67 0.19 0.00	19.23 0.22 0.00	18.79 0.28 0.00	21.39 0.44 0.00	21.44 0.53 0.00	27.97 1.03 0.00	23.21 0.74 0.00	19.97 0.62 0.00	17.99 0.61 0.00	16.69 0.46 -3.56	12.38 0.43 -0.39	15.95 0.56 0.00	17.69 0.60 0.00	18.21 0.61 0.00	19.30 0.60 0.00	20.13 0.58 0.00	23.37 0.77 0.00	30.90 1.17 0.00	23.12 0.85 0.00	19.63 0.68 0.00	19.45 0.59 0.00	18.27 0.47 0.00
KCE_NY_1 323755	20.24 0.37 0.00	18.90 0.34 0.00	18.82 0.34 0.00	19.36 0.35 0.00	18.92 0.42 0.00	21.49 0.54 0.00	21.54 0.64 0.00	27.98 1.05 0.00	23.20 0.74 0.00	19.79 0.44 0.00	17.69 0.31 0.00	9.62 0.20 3.25	11.40 0.18 0.35	15.63 0.23 0.00	17.33 0.25 0.00	17.87 0.28 0.00	19.04 0.34 0.00	20.05 0.50 0.00	23.33 0.73 0.00	30.83 1.10 0.00	23.06 0.79 0.00	19.59 0.64 0.00	19.40 0.54 0.00	18.27 0.47 0.00
KCE_NY_6_ESR 323823	19.64 -0.22 0.00	18.27 -0.29 0.00	18.17 -0.31 0.00	18.74 -0.27 0.00	18.15 -0.35 0.00	20.76 -0.19 0.00	20.38 -0.53 0.00	25.64 -1.30 0.00	21.42 -1.04 0.00	18.87 -0.48 0.00	16.86 -0.53 0.00	12.27 -0.40 0.00	11.18 -0.39 0.00	14.94 -0.45 0.00	16.60 -0.49 0.00	17.03 -0.56 0.00	18.04 -0.66 0.00	18.71 -0.85 0.00	21.16 -1.44 0.00	27.68 -2.05 0.00	20.44 -1.83 0.00	17.64 -1.31 0.00	18.19 -0.67 0.00	17.52 -0.28 0.00
KEDC_PORT_JEFF_GT2 24210	20.23 0.36 0.00	18.85 0.28 0.00	18.67 0.19 0.00	19.23 0.22 0.00	18.78 0.27 0.00	21.61 0.65 0.00	21.74 0.82 0.00	28.33 1.39 0.00	23.33 0.87 0.00	20.18 0.83 0.00	18.11 0.73 0.00	16.67 0.53 -3.47	12.39 0.44 -0.37	16.03 0.64 0.00	17.85 0.76 0.00	18.32 0.72 0.00	19.45 0.75 0.00	20.37 0.82 0.00	23.81 1.20 0.00	31.47 1.74 0.00	23.50 1.22 0.00	19.98 1.03 0.00	19.77 0.92 0.00	18.63 0.84 0.00
KEDC_PORT_JEFF_GT3 24211	20.23 0.36 0.00	18.85 0.28 0.00	18.67 0.19 0.00	19.23 0.22 0.00	18.78 0.27 0.00	21.61 0.65 0.00	21.74 0.82 0.00	28.33 1.39 0.00	23.33 0.87 0.00	20.18 0.83 0.00	18.11 0.73 0.00	16.67 0.53 -3.47	12.39 0.44 -0.37	16.03 0.64 0.00	17.85 0.76 0.00	18.32 0.72 0.00	19.45 0.75 0.00	20.37 0.82 0.00	23.81 1.20 0.00	31.47 1.74 0.00	23.50 1.22 0.00	19.98 1.03 0.00	19.77 0.92 0.00	18.63 0.84 0.00
KEDC_GLWD_GT4 24219	20.32 0.46 0.00	18.94 0.38 0.00	18.79 0.31 0.00	19.35 0.33 0.00	18.90 0.39 0.00	21.62 0.66 0.00	21.71 0.80 0.00	28.32 1.38 0.00	23.44 0.97 0.00	20.25 0.90 0.00	18.22 0.84 0.00	16.77 0.64 -3.47	12.52 0.57 -0.37	16.18 0.78 0.00	17.98 0.90 0.00	18.49 0.89 0.00	19.62 0.91 0.00	20.45 0.90 0.00	23.75 1.14 0.00	31.40 1.66 0.00	23.47 1.20 0.00	19.96 1.00 0.00	19.77 0.91 0.00	18.56 0.76 0.00
KEDC_GLWD_GT5 24220	20.32 0.46 0.00	18.94 0.38 0.00	18.79 0.31 0.00	19.35 0.33 0.00	18.90 0.39 0.00	21.62 0.66 0.00	21.71 0.80 0.00	28.32 1.38 0.00	23.44 0.97 0.00	20.25 0.90 0.00	18.22 0.84 0.00	16.77 0.64 -3.47	12.52 0.57 -0.37	16.18 0.78 0.00	17.98 0.90 0.00	18.49 0.89 0.00	19.62 0.91 0.00	20.45 0.90 0.00	23.75 1.14 0.00	31.40 1.66 0.00	23.47 1.20 0.00	19.96 1.00 0.00	19.77 0.91 0.00	18.56 0.76 0.00
KENSICO____ 23655	20.07 0.21 0.00	18.73 0.17 0.00	18.60 0.12 0.00	19.15 0.14 0.00	18.71 0.21 0.00	21.31 0.36 0.00	21.35 0.44 0.00	27.85 0.92 0.00	23.11 0.65 0.00	19.91 0.56 0.00	17.94 0.56 0.00	16.57 0.45 -3.45	12.37 0.42 -0.37	15.95 0.55 0.00	17.68 0.59 0.00	18.20 0.60 0.00	19.29 0.58 0.00	20.10 0.55 0.00	23.31 0.70 0.00	30.81 1.08 0.00	23.05 0.78 0.00	19.58 0.63 0.00	19.40 0.54 0.00	18.23 0.43 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.43 0.57 0.00	19.02 0.46 0.00	18.87 0.39 0.00	19.43 0.42 0.00	18.99 0.48 0.00	21.67 0.72 0.00	21.72 0.81 0.00	28.32 1.38 0.00	23.52 1.06 0.00	20.14 0.79 0.00	18.07 0.69 0.00	15.26 0.47 -2.11	12.24 0.43 -0.24	15.96 0.56 0.00	17.70 0.62 0.00	18.25 0.65 0.00	19.36 0.65 0.00	20.25 0.70 0.00	23.60 0.99 0.00	31.24 1.51 0.00	23.36 1.09 0.00	19.83 0.87 0.00	19.65 0.79 0.00	18.45 0.65 0.00

KIAC_JFK_GT1 23816	20.17 0.30 0.00	18.87 0.30 0.00	18.73 0.25 0.00	19.28 0.27 0.00	18.83 0.32 0.00	21.43 0.48 0.00	21.46 0.55 0.00	28.07 1.14 0.00	23.33 0.87 0.00	20.08 0.73 0.00	18.16 0.78 0.00	16.77 0.63 -3.47	12.55 0.60 -0.38	16.17 0.77 0.00	17.87 0.78 0.00	18.40 0.80 0.00	19.48 0.78 0.00	20.29 0.74 0.00	23.44 0.84 0.00	30.97 1.24 0.00	23.18 0.91 0.00	19.67 0.71 0.00	19.45 0.59 0.00	18.27 0.48 0.00
KIAC_JFK_GT2 23817	20.17 0.30 0.00	18.87 0.30 0.00	18.73 0.25 0.00	19.28 0.27 0.00	18.83 0.32 0.00	21.43 0.48 0.00	21.46 0.55 0.00	28.07 1.14 0.00	23.33 0.87 0.00	20.08 0.73 0.00	18.16 0.78 0.00	16.77 0.63 -3.47	12.55 0.60 -0.38	16.17 0.77 0.00	17.87 0.78 0.00	18.40 0.80 0.00	19.48 0.78 0.00	20.29 0.74 0.00	23.44 0.84 0.00	30.97 1.24 0.00	23.18 0.91 0.00	19.67 0.71 0.00	19.45 0.59 0.00	18.27 0.48 0.00
KIAC_JFK____ 323774	20.17 0.30 0.00	18.86 0.30 0.00	18.73 0.25 0.00	19.28 0.27 0.00	18.83 0.32 0.00	21.43 0.48 0.00	21.46 0.55 0.00	28.08 1.15 0.00	23.33 0.87 0.00	20.08 0.73 0.00	18.15 0.77 0.00	16.77 0.63 -3.47	12.55 0.60 -0.38	16.17 0.77 0.00	17.86 0.78 0.00	18.40 0.81 0.00	19.48 0.78 0.00	20.29 0.74 0.00	23.44 0.84 0.00	30.97 1.24 0.00	23.19 0.91 0.00	19.67 0.71 0.00	19.45 0.60 0.00	18.28 0.48 0.00
KINTIGH____ 23543	19.12 -0.74 0.00	17.81 -0.75 0.00	17.72 -0.76 0.00	18.28 -0.74 0.00	17.69 -0.81 0.00	20.18 -0.77 0.00	19.86 -1.06 0.00	25.02 -1.91 0.00	20.86 -1.60 0.00	18.32 -1.03 0.00	16.39 -0.99 0.00	11.96 -0.71 0.00	10.90 -0.67 0.00	14.50 -0.89 0.00	16.15 -0.94 0.00	16.59 -1.01 0.00	17.60 -1.11 0.00	18.27 -1.28 0.00	20.76 -1.84 0.00	27.19 -2.54 0.00	20.18 -2.09 0.00	17.37 -1.59 0.00	17.86 -1.00 0.00	17.13 -0.67 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	20.68 0.81 0.00	19.28 0.71 0.00	19.07 0.60 0.00	19.63 0.62 0.00	19.06 0.55 0.00	21.37 0.42 0.00	21.36 0.45 0.00	27.57 0.64 0.00	23.02 0.56 0.00	19.82 0.47 0.00	17.82 0.44 0.00	12.97 0.30 0.00	11.82 0.25 0.00	15.68 0.29 0.00	17.46 0.38 0.00	18.03 0.43 0.00	19.31 0.61 0.00	20.33 0.78 0.00	23.48 0.88 0.00	30.80 1.07 0.00	23.08 0.81 0.00	19.53 0.58 0.00	19.27 0.41 0.00	18.22 0.42 0.00
LACHUTE____HYDRO 323717	20.56 0.70 0.00	19.26 0.69 0.00	19.14 0.66 0.00	19.70 0.69 0.00	19.36 0.86 0.00	22.05 1.10 0.00	22.25 1.34 0.00	29.23 2.30 0.00	24.39 1.93 0.00	20.50 1.15 0.00	18.09 0.71 0.00	9.86 0.33 3.14	11.53 0.30 0.34	15.80 0.41 0.00	17.53 0.45 0.00	18.12 0.52 0.00	19.38 0.68 0.00	20.73 1.17 0.00	24.51 1.90 0.00	32.41 2.68 0.00	24.22 1.95 0.00	20.42 1.46 0.00	20.04 1.18 0.00	18.84 1.04 0.00
LAWRNCV_115KV_TB1 80681	19.70 -0.16 0.00	18.50 -0.07 0.00	18.38 -0.10 0.00	18.92 -0.10 0.00	18.42 -0.08 0.00	20.82 -0.13 0.00	20.82 -0.08 0.00	26.65 -0.28 0.00	22.26 -0.20 0.00	19.13 -0.22 0.00	17.13 -0.25 0.00	12.46 -0.21 0.00	11.37 -0.21 0.00	15.13 -0.27 0.00	16.85 -0.23 0.00	17.38 -0.21 0.00	18.59 -0.11 0.00	19.53 -0.03 0.00	22.51 -0.09 0.00	29.49 -0.24 0.00	22.08 -0.19 0.00	18.70 -0.26 0.00	18.56 -0.30 0.00	17.62 -0.18 0.00
LEDERLE____ 23769	20.15 0.28 0.00	18.79 0.23 0.00	18.65 0.18 0.00	19.21 0.20 0.00	18.76 0.26 0.00	21.40 0.45 0.00	21.41 0.51 0.00	27.94 1.00 0.00	23.17 0.71 0.00	19.98 0.63 0.00	18.00 0.62 0.00	16.37 0.48 -3.22	12.36 0.44 -0.35	15.99 0.59 0.00	17.74 0.65 0.00	18.27 0.67 0.00	19.36 0.66 0.00	20.17 0.62 0.00	23.38 0.77 0.00	30.91 1.18 0.00	23.11 0.84 0.00	19.62 0.66 0.00	19.45 0.59 0.00	18.27 0.48 0.00
LIGHTHSE_115KV_TB6 355974	19.36 -0.50 0.00	18.18 -0.39 0.00	18.14 -0.33 0.00	18.68 -0.33 0.00	18.18 -0.33 0.00	20.64 -0.31 0.00	20.62 -0.29 0.00	26.52 -0.41 0.00	22.06 -0.40 0.00	18.87 -0.48 0.00	16.88 -0.51 0.00	12.32 -0.35 0.00	11.26 -0.32 0.00	14.95 -0.44 0.00	16.65 -0.44 0.00	17.18 -0.41 0.00	18.33 -0.38 0.00	19.23 -0.32 0.00	22.18 -0.42 0.00	29.22 -0.51 0.00	21.79 -0.48 0.00	18.51 -0.45 0.00	18.32 -0.54 0.00	17.25 -0.54 0.00
LINDEN COGEN____ 23786	19.95 0.09 0.00	18.64 0.08 0.00	18.49 0.01 0.00	19.05 0.03 0.00	18.62 0.11 0.00	21.19 0.24 0.00	21.23 0.32 0.00	27.73 0.80 0.00	23.03 0.57 0.00	19.88 0.53 0.00	17.93 0.55 0.00	16.61 0.47 -3.47	12.39 0.45 -0.38	15.98 0.58 0.00	17.68 0.60 0.00	18.21 0.61 0.00	19.29 0.59 0.00	20.07 0.51 0.00	23.23 0.63 0.00	30.63 0.97 0.07	22.98 0.71 0.00	19.50 0.54 0.00	19.32 0.46 0.00	18.14 0.35 0.00
LINDHRST_69_KV_BK1 356055	20.35 0.48 0.00	18.96 0.39 0.00	18.78 0.31 0.00	19.34 0.33 0.00	18.89 0.39 0.00	21.66 0.71 0.00	21.77 0.86 0.00	28.38 1.44 0.00	23.46 1.00 0.00	20.26 0.91 0.00	18.22 0.84 0.00	16.75 0.62 -3.47	12.48 0.53 -0.37	16.13 0.73 0.00	17.94 0.86 0.00	18.44 0.84 0.00	19.57 0.87 0.00	20.45 0.90 0.00	23.81 1.21 0.00	31.50 1.77 0.00	23.55 1.28 0.00	20.03 1.08 0.00	19.84 0.98 0.00	18.64 0.84 0.00
LIPA_MISC_IPP 23656	20.10 0.23 0.00	18.72 0.15 0.00	18.54 0.06 0.00	19.09 0.08 0.00	18.65 0.14 0.00	21.50 0.55 0.00	21.63 0.72 0.00	28.19 1.26 0.00	23.18 0.71 0.00	20.04 0.69 0.00	17.99 0.62 0.00	16.57 0.44 -3.47	12.30 0.36 -0.37	15.94 0.54 0.00	17.74 0.66 0.00	18.19 0.59 0.00	19.32 0.62 0.00	20.27 0.72 0.00	23.73 1.12 0.00	31.36 1.63 0.00	23.38 1.11 0.00	19.88 0.92 0.00	19.66 0.80 0.00	18.56 0.77 0.00
LISF__SOLAR 323691	20.13 0.26 0.00	18.74 0.18 0.00	18.56 0.08 0.00	19.12 0.11 0.00	18.68 0.17 0.00	21.54 0.59 0.00	21.67 0.76 0.00	28.25 1.31 0.00	23.21 0.75 0.00	20.06 0.71 0.00	18.00 0.62 0.00	16.58 0.44 -3.47	12.31 0.36 -0.37	15.94 0.54 0.00	17.75 0.66 0.00	18.20 0.61 0.00	19.34 0.63 0.00	20.30 0.75 0.00	23.77 1.17 0.00	31.43 1.70 0.00	23.43 1.16 0.00	19.91 0.96 0.00	19.70 0.84 0.00	18.60 0.80 0.00
LITTLE FALLS____HYD 24013	19.22 -0.64 0.00	17.90 -0.66 0.00	17.86 -0.62 0.00	18.38 -0.63 0.00	18.00 -0.51 0.00	20.48 -0.47 0.00	20.64 -0.27 0.00	26.99 0.06 0.00	22.33 -0.13 0.00	18.94 -0.41 0.00	16.88 -0.50 0.00	12.28 -0.39 0.00	11.19 -0.38 0.00	14.88 -0.51 0.00	16.52 -0.56 0.00	17.03 -0.56 0.00	18.13 -0.58 0.00	19.12 -0.44 0.00	22.38 -0.22 0.00	29.68 -0.05 0.00	22.22 -0.05 0.00	18.70 -0.26 0.00	18.41 -0.45 0.00	17.20 -0.60 0.00
LITTLRIV_115KV_TB1 356100	19.99 0.13 0.00	18.76 0.19 0.00	18.64 0.16 0.00	19.18 0.17 0.00	18.69 0.18 0.00	21.14 0.19 0.00	21.18 0.27 0.00	27.08 0.15 0.00	22.59 0.13 0.00	19.35 0.01 0.00	17.29 -0.09 0.00	12.57 -0.10 0.00	11.46 -0.11 0.00	15.25 -0.15 0.00	17.03 -0.06 0.00	17.61 0.01 0.00	18.86 0.16 0.00	19.86 0.31 0.00	22.88 0.28 0.00	29.99 0.27 0.00	22.42 0.15 0.00	18.99 0.03 0.00	18.85 -0.01 0.00	17.89 0.09 0.00

LI_NEWBRDGE___DRP 323616	20.09 0.23 0.00	18.73 0.17 0.00	18.57 0.09 0.00	19.13 0.12 0.00	18.69 0.18 0.00	21.37 0.42 0.00	21.44 0.54 0.00	27.95 1.02 0.00	23.14 0.68 0.00	19.98 0.63 0.00	18.00 0.62 0.00	16.60 0.47 -3.47	12.37 0.42 -0.37	15.97 0.57 0.00	17.74 0.66 0.00	18.23 0.64 0.00	19.35 0.64 0.00	20.17 0.62 0.00	23.43 0.83 0.00	30.98 1.25 0.00	23.18 0.91 0.00	19.71 0.76 0.00	19.53 0.67 0.00	18.35 0.55 0.00
LOCKPORT_115KV_TB60_63_64 80432	19.21 -0.66 0.00	17.86 -0.70 0.00	17.78 -0.70 0.00	18.35 -0.66 0.00	17.76 -0.75 0.00	20.29 -0.66 0.00	19.89 -1.02 0.00	24.93 -2.01 0.00	20.81 -1.65 0.00	18.34 -1.01 0.00	16.35 -1.03 0.00	11.93 -0.75 0.00	10.83 -0.74 0.00	14.42 -0.97 0.00	16.04 -1.05 0.00	16.50 -1.10 0.00	17.52 -1.19 0.00	18.20 -1.36 0.00	20.61 -1.99 0.00	26.94 -2.79 0.00	19.94 -2.33 0.00	17.20 -1.76 0.00	17.83 -1.03 0.00	17.21 -0.59 0.00
LOCKPORT___CC1 323769	19.20 -0.66 0.00	17.86 -0.70 0.00	17.78 -0.70 0.00	18.34 -0.67 0.00	17.75 -0.75 0.00	20.28 -0.67 0.00	19.88 -1.03 0.00	24.90 -2.03 0.00	20.80 -1.67 0.00	18.33 -1.02 0.00	16.38 -0.99 0.00	11.93 -0.74 0.00	10.84 -0.73 0.00	14.44 -0.96 0.00	16.06 -1.03 0.00	16.50 -1.10 0.00	17.52 -1.19 0.00	18.20 -1.36 0.00	20.60 -2.00 0.00	26.93 -2.80 0.00	19.93 -2.34 0.00	17.19 -1.77 0.00	17.82 -1.04 0.00	17.20 -0.60 0.00
LOCKPORT___CC2 323770	19.20 -0.66 0.00	17.86 -0.70 0.00	17.78 -0.70 0.00	18.34 -0.67 0.00	17.75 -0.75 0.00	20.28 -0.67 0.00	19.88 -1.03 0.00	24.90 -2.03 0.00	20.80 -1.67 0.00	18.33 -1.02 0.00	16.38 -0.99 0.00	11.93 -0.74 0.00	10.84 -0.73 0.00	14.44 -0.96 0.00	16.06 -1.03 0.00	16.50 -1.10 0.00	17.52 -1.19 0.00	18.20 -1.36 0.00	20.60 -2.00 0.00	26.93 -2.80 0.00	19.93 -2.34 0.00	17.19 -1.77 0.00	17.82 -1.04 0.00	17.20 -0.60 0.00
LOCKPORT___CC3 323771	19.20 -0.66 0.00	17.86 -0.70 0.00	17.78 -0.70 0.00	18.34 -0.67 0.00	17.75 -0.75 0.00	20.28 -0.67 0.00	19.88 -1.03 0.00	24.90 -2.03 0.00	20.80 -1.67 0.00	18.33 -1.02 0.00	16.38 -0.99 0.00	11.93 -0.74 0.00	10.84 -0.73 0.00	14.44 -0.96 0.00	16.06 -1.03 0.00	16.50 -1.10 0.00	17.52 -1.19 0.00	18.20 -1.36 0.00	20.60 -2.00 0.00	26.93 -2.80 0.00	19.93 -2.34 0.00	17.19 -1.77 0.00	17.82 -1.04 0.00	17.20 -0.60 0.00
LONG_LAKE_PHOENIX 24014	19.56 -0.31 0.00	18.27 -0.29 0.00	18.19 -0.29 0.00	18.71 -0.31 0.00	18.16 -0.35 0.00	20.54 -0.42 0.00	20.51 -0.40 0.00	26.38 -0.55 0.00	21.97 -0.48 0.00	18.92 -0.43 0.00	16.98 -0.40 0.00	12.37 -0.30 0.00	11.30 -0.27 0.00	15.02 -0.37 0.00	16.65 -0.43 0.00	17.17 -0.43 0.00	18.30 -0.40 0.00	19.13 -0.43 0.00	22.05 -0.55 0.00	29.02 -0.70 0.00	21.69 -0.58 0.00	18.50 -0.45 0.00	18.46 -0.40 0.00	17.39 -0.40 0.00
LOVETT___3 23632	20.05 0.18 0.00	18.70 0.14 0.00	18.57 0.09 0.00	19.13 0.11 0.00	18.68 0.17 0.00	21.30 0.34 0.00	21.31 0.40 0.00	27.79 0.86 0.00	23.05 0.58 0.00	19.86 0.52 0.00	17.90 0.52 0.00	16.33 0.41 -3.25	12.30 0.38 -0.35	15.89 0.50 0.00	17.64 0.56 0.00	18.17 0.58 0.00	19.25 0.55 0.00	20.05 0.49 0.00	23.24 0.64 0.00	30.74 1.01 0.00	22.98 0.71 0.00	19.51 0.56 0.00	19.36 0.50 0.00	18.18 0.39 0.00
LOVETT___4 23642	20.05 0.18 0.00	18.70 0.14 0.00	18.57 0.09 0.00	19.13 0.11 0.00	18.68 0.17 0.00	21.30 0.34 0.00	21.31 0.40 0.00	27.79 0.86 0.00	23.05 0.58 0.00	19.86 0.52 0.00	17.90 0.52 0.00	16.33 0.41 -3.25	12.30 0.38 -0.35	15.89 0.50 0.00	17.64 0.56 0.00	18.17 0.58 0.00	19.25 0.55 0.00	20.05 0.49 0.00	23.24 0.64 0.00	30.74 1.01 0.00	22.98 0.71 0.00	19.51 0.56 0.00	19.36 0.50 0.00	18.18 0.39 0.00
LOVETT___5 23593	20.05 0.18 0.00	18.70 0.14 0.00	18.57 0.09 0.00	19.13 0.11 0.00	18.68 0.17 0.00	21.30 0.34 0.00	21.31 0.40 0.00	27.79 0.86 0.00	23.05 0.58 0.00	19.86 0.52 0.00	17.90 0.52 0.00	16.33 0.41 -3.25	12.30 0.38 -0.35	15.89 0.50 0.00	17.64 0.56 0.00	18.17 0.58 0.00	19.25 0.55 0.00	20.05 0.49 0.00	23.24 0.64 0.00	30.74 1.01 0.00	22.98 0.71 0.00	19.51 0.56 0.00	19.36 0.50 0.00	18.18 0.39 0.00
LOWER RAQUET___HYD 24057	19.58 -0.28 0.00	18.40 -0.16 0.00	18.28 -0.20 0.00	18.81 -0.20 0.00	18.33 -0.17 0.00	20.72 -0.23 0.00	20.75 -0.16 0.00	26.55 -0.38 0.00	22.18 -0.28 0.00	19.03 -0.32 0.00	17.02 -0.36 0.00	12.38 -0.29 0.00	11.29 -0.28 0.00	15.03 -0.37 0.00	16.75 -0.34 0.00	17.28 -0.32 0.00	18.50 -0.20 0.00	19.45 -0.10 0.00	22.42 -0.18 0.00	29.39 -0.34 0.00	21.99 -0.28 0.00	18.61 -0.34 0.00	18.45 -0.41 0.00	17.51 -0.29 0.00
LOWER___HUDSON 24059	19.99 0.12 0.00	18.69 0.13 0.00	18.62 0.14 0.00	19.16 0.14 0.00	18.71 0.21 0.00	21.18 0.23 0.00	21.18 0.27 0.00	27.54 0.61 0.00	22.83 0.37 0.00	19.50 0.15 0.00	17.49 0.11 0.00	8.51 0.08 4.23	11.17 0.06 0.46	15.47 0.07 0.00	17.15 0.07 0.00	17.67 0.08 0.00	18.77 0.07 0.00	19.68 0.13 0.00	22.91 0.31 0.00	30.30 0.56 0.00	22.71 0.44 0.00	19.33 0.38 0.00	19.14 0.29 0.00	18.05 0.25 0.00
LOWVILLE_115KV_TB2 356335	19.39 -0.48 0.00	18.37 -0.19 0.00	18.41 -0.07 0.00	18.99 -0.02 0.00	18.60 0.09 0.00	21.20 0.25 0.00	21.30 0.39 0.00	27.41 0.47 0.00	22.76 0.30 0.00	19.33 -0.02 0.00	17.17 -0.20 0.00	12.52 -0.15 0.00	11.44 -0.13 0.00	15.20 -0.20 0.00	16.99 -0.09 0.00	17.50 -0.09 0.00	18.76 0.06 0.00	19.84 0.28 0.00	22.93 0.33 0.00	30.25 0.52 0.00	22.49 0.21 0.00	18.89 -0.06 0.00	18.45 -0.41 0.00	17.39 -0.41 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	20.24 0.38 0.00	18.92 0.35 0.00	18.83 0.35 0.00	19.38 0.37 0.00	18.93 0.43 0.00	21.49 0.54 0.00	21.53 0.62 0.00	27.98 1.05 0.00	23.20 0.74 0.00	19.80 0.45 0.00	17.70 0.32 0.00	9.63 0.20 3.25	11.40 0.18 0.35	15.63 0.23 0.00	17.33 0.25 0.00	17.86 0.27 0.00	19.03 0.32 0.00	20.04 0.48 0.00	23.32 0.72 0.00	30.83 1.09 0.00	23.06 0.79 0.00	19.60 0.64 0.00	19.40 0.54 0.00	18.27 0.47 0.00
LUTHERNY_35_KV_BK2 355980	20.24 0.37 0.00	18.91 0.34 0.00	18.82 0.34 0.00	19.36 0.35 0.00	18.92 0.42 0.00	21.49 0.54 0.00	21.55 0.64 0.00	27.99 1.05 0.00	23.21 0.74 0.00	19.79 0.44 0.00	17.69 0.31 0.00	9.62 0.20 3.25	11.40 0.18 0.35	15.63 0.23 0.00	17.33 0.25 0.00	17.88 0.28 0.00	19.04 0.34 0.00	20.05 0.50 0.00	23.33 0.73 0.00	30.83 1.10 0.00	23.06 0.79 0.00	19.60 0.64 0.00	19.40 0.54 0.00	18.27 0.47 0.00
LWR___OSWEGATCHIE_HYD 23850	19.23 -0.63 0.00	18.15 -0.42 0.00	18.11 -0.37 0.00	18.66 -0.35 0.00	18.22 -0.28 0.00	20.69 -0.26 0.00	20.76 -0.15 0.00	26.63 -0.30 0.00	22.18 -0.28 0.00	18.91 -0.44 0.00	16.84 -0.54 0.00	12.27 -0.40 0.00	11.21 -0.36 0.00	14.90 -0.50 0.00	16.64 -0.44 0.00	17.18 -0.42 0.00	18.40 -0.30 0.00	19.40 -0.15 0.00	22.39 -0.21 0.00	29.45 -0.28 0.00	21.96 -0.31 0.00	18.51 -0.44 0.00	18.21 -0.65 0.00	17.22 -0.58 0.00

LYONS_FALL_HYD 23570	19.70 -0.17 0.00	18.56 0.00 0.00	18.56 0.08 0.00	19.12 0.11 0.00	18.69 0.19 0.00	21.28 0.33 0.00	21.35 0.44 0.00	27.53 0.60 0.00	22.87 0.41 0.00	19.49 0.14 0.00	17.37 -0.01 0.00	12.65 -0.02 0.00	11.55 -0.02 0.00	15.36 -0.03 0.00	17.12 0.03 0.00	17.63 0.04 0.00	18.87 0.16 0.00	19.89 0.34 0.00	23.01 0.41 0.00	30.35 0.62 0.00	22.60 0.33 0.00	19.08 0.12 0.00	18.76 -0.10 0.00	17.66 -0.13 0.00
MADISON___COUNTY_LFGE 323628	20.23 0.36 0.00	18.90 0.34 0.00	18.83 0.35 0.00	19.39 0.38 0.00	18.89 0.39 0.00	21.49 0.54 0.00	21.53 0.62 0.00	27.87 0.94 0.00	23.19 0.73 0.00	19.80 0.45 0.00	17.65 0.27 0.00	12.84 0.17 0.00	11.73 0.16 0.00	15.61 0.21 0.00	17.30 0.22 0.00	17.81 0.21 0.00	19.06 0.35 0.00	20.04 0.48 0.00	23.19 0.58 0.00	30.57 0.84 0.00	22.82 0.55 0.00	19.39 0.43 0.00	19.26 0.40 0.00	18.11 0.31 0.00
MALONE___115KV_TB1 356076	20.50 0.63 0.00	19.24 0.67 0.00	19.12 0.64 0.00	19.69 0.68 0.00	19.20 0.69 0.00	21.72 0.77 0.00	21.85 0.94 0.00	28.15 1.22 0.00	23.47 1.01 0.00	20.01 0.66 0.00	17.77 0.39 0.00	12.87 0.20 0.00	11.72 0.15 0.00	15.58 0.19 0.00	17.36 0.28 0.00	17.89 0.30 0.00	19.29 0.58 0.00	20.35 0.79 0.00	23.54 0.94 0.00	30.89 1.16 0.00	23.11 0.83 0.00	19.51 0.56 0.00	19.31 0.45 0.00	18.31 0.51 0.00
MAPLEWOD_115KV_TB3 80458	20.06 0.19 0.00	18.76 0.19 0.00	18.69 0.21 0.00	19.25 0.24 0.00	18.79 0.28 0.00	21.27 0.32 0.00	21.26 0.35 0.00	27.64 0.71 0.00	22.94 0.47 0.00	19.62 0.27 0.00	17.61 0.23 0.00	9.47 0.17 3.37	11.35 0.14 0.36	15.58 0.19 0.00	17.28 0.20 0.00	17.80 0.20 0.00	18.91 0.21 0.00	19.81 0.26 0.00	23.03 0.42 0.00	30.43 0.70 0.00	22.80 0.53 0.00	19.42 0.46 0.00	19.24 0.38 0.00	18.14 0.34 0.00
MAPLE_RIDGE_WT_1 323574	19.65 -0.22 0.00	18.46 -0.11 0.00	18.45 -0.03 0.00	19.02 0.01 0.00	18.52 0.01 0.00	20.95 0.00 0.00	20.91 0.00 0.00	26.87 -0.06 0.00	22.43 -0.03 0.00	19.36 0.01 0.00	17.39 0.01 0.00	12.67 0.00 0.00	11.57 0.00 0.00	15.40 0.00 0.00	17.09 0.01 0.00	17.61 0.01 0.00	18.73 0.02 0.00	19.58 0.03 0.00	22.62 0.01 0.00	29.72 -0.02 0.00	22.24 -0.03 0.00	18.74 -0.21 0.00	18.59 -0.27 0.00	17.60 -0.20 0.00
MAPLE_RIDGE_WT_2 323611	19.65 -0.22 0.00	18.46 -0.11 0.00	18.45 -0.03 0.00	19.02 0.01 0.00	18.52 0.01 0.00	20.95 0.00 0.00	20.91 0.00 0.00	26.87 -0.06 0.00	22.43 -0.03 0.00	19.36 0.01 0.00	17.39 0.01 0.00	12.67 0.00 0.00	11.57 0.00 0.00	15.40 0.00 0.00	17.09 0.01 0.00	17.61 0.01 0.00	18.73 0.02 0.00	19.58 0.03 0.00	22.62 0.01 0.00	29.72 -0.02 0.00	22.24 -0.03 0.00	18.74 -0.21 0.00	18.59 -0.27 0.00	17.60 -0.20 0.00
MARBLE_RIVER_WT_PWR 323696	20.43 0.56 0.00	19.06 0.49 0.00	18.88 0.40 0.00	19.42 0.41 0.00	18.84 0.34 0.00	21.14 0.19 0.00	21.11 0.20 0.00	27.16 0.22 0.00	22.68 0.22 0.00	19.58 0.23 0.00	17.66 0.28 0.00	12.85 0.18 0.00	11.72 0.15 0.00	15.57 0.17 0.00	17.31 0.22 0.00	17.87 0.28 0.00	19.12 0.42 0.00	20.10 0.55 0.00	23.20 0.60 0.00	30.40 0.67 0.00	22.78 0.51 0.00	19.29 0.34 0.00	19.07 0.21 0.00	18.04 0.24 0.00
MARSHVLE_115KV_TB1 80742	21.02 1.15 0.00	19.61 1.04 0.00	19.53 1.05 0.00	20.08 1.06 0.00	19.51 1.01 0.00	22.20 1.24 0.00	22.26 1.35 0.00	28.61 1.68 0.00	23.78 1.32 0.00	20.50 1.15 0.00	18.35 0.98 0.00	11.61 0.69 1.75	12.01 0.63 0.19	16.22 0.83 0.00	18.01 0.93 0.00	18.55 0.95 0.00	19.76 1.06 0.00	20.83 1.27 0.00	24.02 1.42 0.00	31.61 1.87 0.00	23.57 1.30 0.00	19.87 0.91 0.00	19.77 0.92 0.00	18.62 0.82 0.00
MARSH_HILL_WT_PWR 323713	20.01 0.15 0.00	18.76 0.20 0.00	18.69 0.21 0.00	19.29 0.28 0.00	18.78 0.28 0.00	21.67 0.72 0.00	21.60 0.69 0.00	27.79 0.85 0.00	23.03 0.57 0.00	19.83 0.48 0.00	17.54 0.16 0.00	12.87 0.19 0.00	11.79 0.22 0.00	15.65 0.26 0.00	17.31 0.23 0.00	17.89 0.30 0.00	18.97 0.27 0.00	19.92 0.37 0.00	22.88 0.27 0.00	29.55 -0.18 0.00	21.54 -0.73 0.00	18.62 -0.33 0.00	18.58 -0.28 0.00	17.35 -0.45 0.00
MCINTYRE_115KV_TB2 80467	20.30 0.43 0.00	19.02 0.45 0.00	18.90 0.42 0.00	19.45 0.44 0.00	18.94 0.44 0.00	21.43 0.48 0.00	21.45 0.55 0.00	27.40 0.47 0.00	22.86 0.40 0.00	19.55 0.20 0.00	17.47 0.09 0.00	12.71 0.04 0.00	11.57 0.00 0.00	15.41 0.02 0.00	17.23 0.14 0.00	17.83 0.23 0.00	19.10 0.40 0.00	20.12 0.57 0.00	23.17 0.57 0.00	30.35 0.62 0.00	22.70 0.43 0.00	19.23 0.28 0.00	19.12 0.26 0.00	18.16 0.36 0.00
MECO_____69_KV_BK1 80468	21.62 1.76 0.00	20.16 1.60 0.00	20.07 1.59 0.00	20.63 1.61 0.00	20.10 1.60 0.00	22.93 1.98 0.00	23.12 2.21 0.00	29.86 2.92 0.00	24.57 2.11 0.00	20.92 1.57 0.00	18.51 1.13 0.00	11.48 0.76 1.95	12.00 0.64 0.21	16.22 0.83 0.00	18.00 0.92 0.00	18.57 0.97 0.00	19.89 1.19 0.00	21.39 1.84 0.00	24.89 2.29 0.00	32.88 3.15 0.00	24.55 2.28 0.00	20.67 1.71 0.00	20.50 1.64 0.00	19.25 1.45 0.00
MENANDS___115KV_TB5 355628	20.01 0.15 0.00	18.72 0.16 0.00	18.67 0.19 0.00	19.22 0.21 0.00	18.76 0.26 0.00	21.23 0.28 0.00	21.21 0.30 0.00	27.58 0.65 0.00	22.88 0.42 0.00	19.59 0.24 0.00	17.59 0.21 0.00	9.43 0.16 3.40	11.34 0.14 0.37	15.58 0.18 0.00	17.27 0.19 0.00	17.79 0.19 0.00	18.89 0.19 0.00	19.77 0.21 0.00	22.98 0.37 0.00	30.36 0.63 0.00	22.75 0.48 0.00	19.38 0.43 0.00	19.21 0.35 0.00	18.11 0.31 0.00
MG INDUSTRY___DRP 24185	19.72 -0.14 0.00	18.74 0.18 0.00	18.73 0.25 0.00	19.28 0.27 0.00	18.81 0.30 0.00	21.27 0.32 0.00	21.25 0.34 0.00	27.55 0.62 0.00	22.87 0.41 0.00	19.59 0.24 0.00	17.57 0.20 0.00	11.04 0.15 1.78	11.51 0.12 0.19	15.56 0.16 0.00	17.20 0.12 0.00	17.68 0.08 0.00	18.78 0.08 0.00	19.74 0.19 0.00	22.98 0.38 0.00	30.35 0.62 0.00	22.73 0.47 0.00	19.37 0.41 0.00	19.21 0.36 0.00	18.11 0.32 0.00
MID___OSWEGATCHIE_HYD 23849	19.23 -0.63 0.00	18.15 -0.42 0.00	18.11 -0.37 0.00	18.66 -0.35 0.00	18.22 -0.28 0.00	20.69 -0.26 0.00	20.76 -0.15 0.00	26.63 -0.30 0.00	22.18 -0.28 0.00	18.91 -0.44 0.00	16.84 -0.54 0.00	12.27 -0.40 0.00	11.21 -0.36 0.00	14.90 -0.50 0.00	16.64 -0.44 0.00	17.18 -0.42 0.00	18.40 -0.30 0.00	19.40 -0.15 0.00	22.39 -0.21 0.00	29.45 -0.28 0.00	21.96 -0.31 0.00	18.51 -0.44 0.00	18.21 -0.65 0.00	17.22 -0.58 0.00
MID___RAQUETTE_HYD 23851	19.58 -0.28 0.00	18.40 -0.16 0.00	18.28 -0.20 0.00	18.81 -0.20 0.00	18.33 -0.17 0.00	20.72 -0.23 0.00	20.75 -0.16 0.00	26.55 -0.38 0.00	22.18 -0.28 0.00	19.03 -0.32 0.00	17.02 -0.36 0.00	12.38 -0.29 0.00	11.29 -0.28 0.00	15.03 -0.37 0.00	16.75 -0.34 0.00	17.28 -0.32 0.00	18.50 -0.20 0.00	19.45 -0.10 0.00	22.42 -0.18 0.00	29.39 -0.35 0.00	21.99 -0.28 0.00	18.61 -0.34 0.00	18.45 -0.41 0.00	17.51 -0.29 0.00

MILLIKEN___1 23584	20.22 0.36 0.00	18.84 0.28 0.00	18.77 0.29 0.00	19.31 0.30 0.00	18.80 0.29 0.00	21.43 0.48 0.00	21.35 0.44 0.00	27.56 0.63 0.00	22.90 0.44 0.00	19.65 0.30 0.00	17.50 0.12 0.00	12.73 0.06 0.00	11.64 0.07 0.00	15.50 0.10 0.00	17.16 0.08 0.00	17.69 0.09 0.00	18.91 0.21 0.00	19.84 0.28 0.00	22.92 0.32 0.00	30.22 0.48 0.00	22.49 0.22 0.00	19.19 0.23 0.00	19.13 0.27 0.00	18.01 0.21 0.00
MILLIKEN___2 23585	20.22 0.36 0.00	18.84 0.28 0.00	18.77 0.29 0.00	19.31 0.30 0.00	18.80 0.29 0.00	21.43 0.48 0.00	21.35 0.44 0.00	27.56 0.63 0.00	22.90 0.44 0.00	19.65 0.30 0.00	17.50 0.12 0.00	12.73 0.06 0.00	11.64 0.07 0.00	15.50 0.10 0.00	17.16 0.08 0.00	17.69 0.09 0.00	18.91 0.21 0.00	19.84 0.28 0.00	22.92 0.32 0.00	30.22 0.48 0.00	22.49 0.22 0.00	19.19 0.23 0.00	19.13 0.27 0.00	18.01 0.21 0.00
MILLIKEN___DIESEL 23629	20.22 0.36 0.00	18.84 0.28 0.00	18.77 0.29 0.00	19.31 0.30 0.00	18.80 0.29 0.00	21.43 0.48 0.00	21.35 0.44 0.00	27.56 0.63 0.00	22.90 0.44 0.00	19.65 0.30 0.00	17.50 0.12 0.00	12.73 0.06 0.00	11.64 0.07 0.00	15.50 0.10 0.00	17.16 0.08 0.00	17.69 0.09 0.00	18.91 0.21 0.00	19.84 0.28 0.00	22.92 0.32 0.00	30.22 0.48 0.00	22.49 0.22 0.00	19.19 0.23 0.00	19.13 0.27 0.00	18.01 0.21 0.00
MILLSEAT___LFGE 323607	19.51 -0.35 0.00	18.14 -0.42 0.00	18.07 -0.41 0.00	18.64 -0.38 0.00	18.05 -0.46 0.00	20.63 -0.32 0.00	20.32 -0.59 0.00	25.62 -1.31 0.00	21.39 -1.07 0.00	18.75 -0.60 0.00	16.68 -0.70 0.00	12.13 -0.54 0.00	10.99 -0.58 0.00	14.62 -0.77 0.00	16.28 -0.80 0.00	16.86 -0.74 0.00	17.93 -0.77 0.00	18.64 -0.91 0.00	21.16 -1.44 0.00	27.70 -2.03 0.00	20.50 -1.77 0.00	17.64 -1.31 0.00	18.20 -0.66 0.00	17.50 -0.30 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.06 0.20 0.00	18.72 0.16 0.00	18.59 0.11 0.00	19.14 0.13 0.00	18.70 0.19 0.00	21.30 0.35 0.00	21.33 0.42 0.00	27.83 0.89 0.00	23.08 0.62 0.00	19.89 0.54 0.00	17.92 0.54 0.00	16.52 0.42 -3.43	12.34 0.40 -0.37	15.92 0.53 0.00	17.65 0.57 0.00	18.18 0.58 0.00	19.27 0.56 0.00	20.07 0.52 0.00	23.28 0.68 0.00	30.78 1.04 0.00	23.02 0.75 0.00	19.55 0.60 0.00	19.38 0.52 0.00	18.21 0.41 0.00
MILLWOOD_13_KV_LOAD 356217	20.11 0.24 0.00	18.76 0.19 0.00	18.63 0.15 0.00	19.18 0.17 0.00	18.73 0.23 0.00	21.35 0.40 0.00	21.38 0.47 0.00	27.89 0.96 0.00	23.15 0.68 0.00	19.94 0.59 0.00	17.96 0.58 0.00	16.55 0.46 -3.43	12.37 0.43 -0.37	15.96 0.56 0.00	17.70 0.61 0.00	18.22 0.63 0.00	19.31 0.61 0.00	20.12 0.57 0.00	23.34 0.74 0.00	30.86 1.13 0.00	23.08 0.81 0.00	19.60 0.65 0.00	19.42 0.56 0.00	18.25 0.45 0.00
MODEL_CITY_ENERGY 24167	19.00 -0.87 0.00	17.67 -0.89 0.00	17.59 -0.89 0.00	18.15 -0.86 0.00	17.57 -0.94 0.00	20.04 -0.91 0.00	19.64 -1.27 0.00	24.56 -2.38 0.00	20.50 -1.96 0.00	18.08 -1.27 0.00	16.17 -1.21 0.00	11.78 -0.89 0.00	10.71 -0.86 0.00	14.25 -1.14 0.00	15.85 -1.23 0.00	16.28 -1.32 0.00	17.28 -1.42 0.00	17.96 -1.59 0.00	20.34 -2.27 0.00	26.58 -3.15 0.00	19.68 -2.60 0.00	16.97 -1.98 0.00	17.62 -1.24 0.00	17.02 -0.77 0.00
MODERN_LFGE___ 323580	19.00 -0.87 0.00	17.67 -0.89 0.00	17.59 -0.89 0.00	18.15 -0.86 0.00	17.57 -0.94 0.00	20.04 -0.91 0.00	19.64 -1.27 0.00	24.56 -2.38 0.00	20.50 -1.96 0.00	18.08 -1.27 0.00	16.17 -1.21 0.00	11.78 -0.89 0.00	10.71 -0.86 0.00	14.25 -1.14 0.00	15.85 -1.23 0.00	16.28 -1.32 0.00	17.28 -1.42 0.00	17.96 -1.59 0.00	20.34 -2.27 0.00	26.58 -3.15 0.00	19.68 -2.60 0.00	16.97 -1.98 0.00	17.62 -1.24 0.00	17.02 -0.77 0.00
MOHAWK_PAPER___DRP 24187	20.06 0.19 0.00	18.76 0.19 0.00	18.69 0.21 0.00	19.25 0.24 0.00	18.79 0.28 0.00	21.27 0.32 0.00	21.26 0.35 0.00	27.64 0.71 0.00	22.94 0.47 0.00	19.62 0.27 0.00	17.61 0.23 0.00	9.47 0.17 3.37	11.35 0.14 0.36	15.58 0.19 0.00	17.28 0.20 0.00	17.80 0.20 0.00	18.91 0.21 0.00	19.81 0.26 0.00	23.03 0.42 0.00	30.43 0.70 0.00	22.80 0.53 0.00	19.42 0.46 0.00	19.24 0.38 0.00	18.14 0.34 0.00
MOHICAN___35_KV_115KV_LD 80490	20.25 0.38 0.00	18.93 0.37 0.00	18.84 0.36 0.00	19.39 0.38 0.00	18.98 0.47 0.00	21.56 0.61 0.00	21.66 0.75 0.00	28.25 1.32 0.00	23.45 0.99 0.00	19.92 0.57 0.00	17.74 0.36 0.00	9.67 0.19 3.18	11.41 0.18 0.34	15.60 0.21 0.00	17.31 0.22 0.00	17.85 0.25 0.00	19.04 0.33 0.00	20.14 0.59 0.00	23.57 0.96 0.00	31.18 1.45 0.00	23.31 1.04 0.00	19.75 0.80 0.00	19.50 0.64 0.00	18.34 0.54 0.00
MONGAUP___HYD 23641	20.04 0.18 0.00	18.69 0.13 0.00	18.57 0.09 0.00	19.13 0.12 0.00	18.67 0.16 0.00	21.24 0.29 0.00	21.13 0.22 0.00	27.53 0.60 0.00	22.78 0.31 0.00	19.51 0.16 0.00	17.47 0.09 0.00	15.75 0.14 -2.94	12.00 0.11 -0.32	15.53 0.13 0.00	17.22 0.14 0.00	17.73 0.14 0.00	18.74 0.03 0.00	19.68 0.13 0.00	22.96 0.35 0.00	30.43 0.69 0.00	22.77 0.50 0.00	19.42 0.46 0.00	19.34 0.49 0.00	18.14 0.34 0.00
MONTAUK___DIESEL 23721	20.26 0.39 0.00	18.88 0.32 0.00	18.61 0.13 0.00	19.09 0.07 0.00	18.66 0.15 0.00	21.55 0.60 0.00	21.79 0.88 0.00	28.63 1.69 0.00	23.66 1.20 0.00	20.50 1.16 0.00	18.35 0.97 0.00	16.80 0.66 -3.47	12.49 0.55 -0.37	16.18 0.79 0.00	18.03 0.95 0.00	18.48 0.89 0.00	19.68 0.98 0.00	20.70 1.15 0.00	24.31 1.70 0.00	32.18 2.45 0.00	23.93 1.66 0.00	20.32 1.37 0.00	20.04 1.18 0.00	18.79 0.99 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.13 0.26 0.00	18.69 0.13 0.00	18.60 0.12 0.00	19.19 0.18 0.00	18.60 0.10 0.00	21.37 0.42 0.00	21.02 0.11 0.00	26.69 -0.25 0.00	22.26 -0.20 0.00	19.58 0.24 0.00	17.41 0.03 0.00	12.71 0.04 0.00	11.61 0.04 0.00	15.45 0.06 0.00	17.21 0.13 0.00	17.65 0.05 0.00	18.63 -0.07 0.00	19.12 -0.43 0.00	21.51 -1.09 0.00	27.83 -1.90 0.00	20.21 -2.06 0.00	17.50 -1.46 0.00	17.85 -1.01 0.00	17.72 -0.07 0.00
MORTIMER_115KV_TB3 55949	19.53 -0.34 0.00	18.19 -0.37 0.00	18.10 -0.38 0.00	18.65 -0.36 0.00	18.09 -0.42 0.00	20.60 -0.35 0.00	20.41 -0.50 0.00	25.95 -0.99 0.00	21.61 -0.85 0.00	18.82 -0.53 0.00	16.83 -0.55 0.00	12.27 -0.40 0.00	11.18 -0.39 0.00	14.87 -0.52 0.00	16.55 -0.54 0.00	17.07 -0.53 0.00	18.15 -0.55 0.00	18.90 -0.65 0.00	21.59 -1.01 0.00	28.32 -1.41 0.00	21.06 -1.21 0.00	18.05 -0.91 0.00	18.35 -0.51 0.00	17.47 -0.32 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.08 0.21 0.00	18.75 0.18 0.00	18.60 0.12 0.00	19.16 0.15 0.00	18.72 0.22 0.00	21.32 0.37 0.00	21.37 0.46 0.00	27.90 0.97 0.00	23.17 0.71 0.00	19.99 0.64 0.00	18.03 0.65 0.00	16.66 0.52 -3.47	12.44 0.49 -0.38	16.04 0.65 0.00	17.76 0.68 0.00	18.29 0.69 0.00	19.38 0.68 0.00	20.18 0.62 0.00	23.38 0.78 0.00	30.89 1.16 0.00	23.12 0.85 0.00	19.63 0.67 0.00	19.44 0.58 0.00	18.25 0.46 0.00

MUNSVILLE_WIND_PWR 323609	21.12 1.26 0.00	19.61 1.05 0.00	19.67 1.19 0.00	20.26 1.25 0.00	19.86 1.35 0.00	22.84 1.89 0.00	22.91 2.00 0.00	29.64 2.70 0.00	24.49 2.03 0.00	20.79 1.44 0.00	18.33 0.95 0.00	13.29 0.62 0.00	12.14 0.57 0.00	16.18 0.78 0.00	17.88 0.80 0.00	18.46 0.87 0.00	19.97 1.26 0.00	21.10 1.54 0.00	24.40 1.80 0.00	32.05 2.32 0.00	23.54 1.27 0.00	19.91 0.96 0.00	19.90 1.04 0.00	18.74 0.94 0.00
N SALMON___HYD 24042	20.50 0.63 0.00	19.24 0.67 0.00	19.12 0.64 0.00	19.69 0.68 0.00	19.20 0.69 0.00	21.72 0.77 0.00	21.85 0.94 0.00	28.15 1.22 0.00	23.47 1.01 0.00	20.01 0.66 0.00	17.77 0.39 0.00	12.87 0.20 0.00	11.72 0.15 0.00	15.58 0.19 0.00	17.36 0.28 0.00	17.89 0.30 0.00	19.29 0.58 0.00	20.35 0.79 0.00	23.54 0.94 0.00	30.89 1.16 0.00	23.11 0.83 0.00	19.51 0.56 0.00	19.31 0.45 0.00	18.31 0.51 0.00
N.AKRON___115KV_KNAPP 355671	19.52 -0.35 0.00	18.15 -0.41 0.00	18.07 -0.41 0.00	18.65 -0.36 0.00	18.06 -0.45 0.00	20.64 -0.31 0.00	20.32 -0.60 0.00	25.53 -1.40 0.00	21.28 -1.19 0.00	18.69 -0.66 0.00	16.62 -0.76 0.00	12.11 -0.56 0.00	10.99 -0.58 0.00	14.63 -0.77 0.00	16.29 -0.80 0.00	16.86 -0.73 0.00	17.93 -0.78 0.00	18.63 -0.92 0.00	21.14 -1.46 0.00	27.67 -2.06 0.00	20.48 -1.79 0.00	17.63 -1.33 0.00	18.20 -0.66 0.00	17.50 -0.30 0.00
N.BELMOR_69_KV_BK1 55787	20.24 0.37 0.00	18.86 0.29 0.00	18.69 0.21 0.00	19.25 0.24 0.00	18.81 0.30 0.00	21.52 0.57 0.00	21.61 0.70 0.00	28.17 1.24 0.00	23.32 0.86 0.00	20.13 0.78 0.00	18.12 0.74 0.00	16.69 0.55 -3.47	12.44 0.49 -0.37	16.06 0.67 0.00	17.86 0.77 0.00	18.35 0.75 0.00	19.48 0.78 0.00	20.33 0.77 0.00	23.63 1.03 0.00	31.27 1.54 0.00	23.38 1.11 0.00	19.88 0.93 0.00	19.69 0.84 0.00	18.50 0.70 0.00
N.E_GEN_SANDY PD 24062	19.87 0.01 0.00	18.58 0.01 0.00	18.49 0.02 0.00	19.02 0.02 0.02	18.60 0.09 0.00	20.68 0.11 0.38	21.34 0.13 -0.30	27.63 0.49 -0.21	22.69 0.26 0.03	19.44 0.09 0.00	17.49 0.11 0.00	-11.29 0.09 24.05	9.05 0.08 2.61	15.49 0.10 0.00	17.19 0.10 0.00	17.69 0.09 0.00	18.32 0.04 0.43	19.61 0.05 -0.01	22.82 0.21 0.00	30.20 0.47 0.00	22.61 0.38 0.04	19.75 0.33 -0.46	18.92 0.23 0.17	17.91 0.19 0.07
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.09 0.22 0.00	18.74 0.17 0.00	18.60 0.12 0.00	19.16 0.14 0.00	18.71 0.20 0.00	21.33 0.38 0.00	21.35 0.44 0.00	27.84 0.91 0.00	23.09 0.63 0.00	19.90 0.55 0.00	17.93 0.55 0.00	16.33 0.43 -3.24	12.32 0.40 -0.35	15.93 0.53 0.00	17.68 0.59 0.00	18.21 0.61 0.00	19.29 0.59 0.00	20.09 0.54 0.00	23.30 0.69 0.00	30.80 1.07 0.00	23.03 0.76 0.00	19.55 0.60 0.00	19.39 0.54 0.00	18.21 0.42 0.00
N.QUEENS_27_KV_LOAD 356247	20.11 0.24 0.00	18.83 0.26 0.00	18.67 0.19 0.00	19.21 0.20 0.00	18.78 0.28 0.00	21.36 0.41 0.00	21.45 0.54 0.00	27.98 1.05 0.00	23.29 0.83 0.00	20.08 0.73 0.00	18.12 0.75 0.00	16.74 0.60 -3.47	12.51 0.56 -0.38	16.12 0.72 0.00	17.84 0.76 0.00	18.35 0.76 0.00	19.45 0.74 0.00	20.26 0.71 0.00	23.45 0.85 0.00	30.99 1.26 0.00	23.22 0.95 0.00	19.73 0.77 0.00	19.51 0.65 0.00	18.36 0.56 0.00
N.TROY___115KV_TB1 355778	19.99 0.12 0.00	18.69 0.13 0.00	18.62 0.14 0.00	19.15 0.14 0.00	18.71 0.21 0.00	21.18 0.23 0.00	21.18 0.27 0.00	27.54 0.61 0.00	22.83 0.37 0.00	19.50 0.15 0.00	17.49 0.11 0.00	8.51 0.08 4.23	11.17 0.06 0.46	15.47 0.07 0.00	17.15 0.07 0.00	17.67 0.08 0.00	18.77 0.07 0.00	19.68 0.13 0.00	22.91 0.31 0.00	30.30 0.56 0.00	22.71 0.44 0.00	19.33 0.38 0.00	19.14 0.29 0.00	18.05 0.25 0.00
NARROWS_GT1_1 24228	20.19 0.32 0.00	18.82 0.25 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.29 0.00	21.40 0.45 0.00	21.45 0.54 0.00	28.04 1.11 0.00	23.38 0.92 0.00	20.17 0.82 0.00	18.18 0.80 0.00	16.80 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.46 0.86 0.00	19.55 0.84 0.00	20.34 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.73 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
NARROWS_GT1_2 24229	20.19 0.32 0.00	18.82 0.25 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.29 0.00	21.40 0.45 0.00	21.45 0.54 0.00	28.04 1.11 0.00	23.38 0.92 0.00	20.17 0.82 0.00	18.18 0.80 0.00	16.80 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.46 0.86 0.00	19.55 0.84 0.00	20.34 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.73 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
NARROWS_GT1_3 24230	20.19 0.32 0.00	18.82 0.25 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.29 0.00	21.40 0.45 0.00	21.45 0.54 0.00	28.04 1.11 0.00	23.38 0.92 0.00	20.17 0.82 0.00	18.18 0.80 0.00	16.80 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.46 0.86 0.00	19.55 0.84 0.00	20.34 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.73 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
NARROWS_GT1_4 24231	20.19 0.32 0.00	18.82 0.25 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.29 0.00	21.40 0.45 0.00	21.45 0.54 0.00	28.04 1.11 0.00	23.38 0.92 0.00	20.17 0.82 0.00	18.18 0.80 0.00	16.80 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.46 0.86 0.00	19.55 0.84 0.00	20.34 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.73 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
NARROWS_GT1_5 24232	20.19 0.32 0.00	18.82 0.25 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.29 0.00	21.40 0.45 0.00	21.45 0.54 0.00	28.04 1.11 0.00	23.38 0.92 0.00	20.17 0.82 0.00	18.18 0.80 0.00	16.80 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.46 0.86 0.00	19.55 0.84 0.00	20.34 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.73 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
NARROWS_GT1_6 24233	20.19 0.32 0.00	18.82 0.25 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.29 0.00	21.40 0.45 0.00	21.45 0.54 0.00	28.04 1.11 0.00	23.38 0.92 0.00	20.17 0.82 0.00	18.18 0.80 0.00	16.80 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.46 0.86 0.00	19.55 0.84 0.00	20.34 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.73 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
NARROWS_GT1_7 24234	20.19 0.32 0.00	18.82 0.25 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.29 0.00	21.40 0.45 0.00	21.45 0.54 0.00	28.04 1.11 0.00	23.38 0.92 0.00	20.17 0.82 0.00	18.18 0.80 0.00	16.80 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.46 0.86 0.00	19.55 0.84 0.00	20.34 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.73 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00

NARROWS_GT1_8 24235	20.19 0.32 0.00	18.82 0.25 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.29 0.00	21.40 0.45 0.00	21.45 0.54 0.00	28.04 1.11 0.00	23.38 0.92 0.00	20.17 0.82 0.00	18.18 0.80 0.00	16.80 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.46 0.86 0.00	19.55 0.84 0.00	20.34 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.73 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
NARROWS_GT2_1 24236	20.19 0.32 0.00	18.82 0.25 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.29 0.00	21.40 0.45 0.00	21.45 0.54 0.00	28.04 1.11 0.00	23.38 0.92 0.00	20.17 0.82 0.00	18.18 0.80 0.00	16.80 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.46 0.86 0.00	19.55 0.84 0.00	20.34 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.73 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
NARROWS_GT2_2 24237	20.19 0.32 0.00	18.82 0.25 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.29 0.00	21.40 0.45 0.00	21.45 0.54 0.00	28.04 1.11 0.00	23.38 0.92 0.00	20.17 0.82 0.00	18.18 0.80 0.00	16.80 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.46 0.86 0.00	19.55 0.84 0.00	20.34 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.73 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
NARROWS_GT2_3 24238	20.19 0.32 0.00	18.82 0.25 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.29 0.00	21.40 0.45 0.00	21.45 0.54 0.00	28.04 1.11 0.00	23.38 0.92 0.00	20.17 0.82 0.00	18.18 0.80 0.00	16.80 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.46 0.86 0.00	19.55 0.84 0.00	20.34 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.73 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
NARROWS_GT2_4 24239	20.19 0.32 0.00	18.82 0.25 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.29 0.00	21.40 0.45 0.00	21.45 0.54 0.00	28.04 1.11 0.00	23.38 0.92 0.00	20.17 0.82 0.00	18.18 0.80 0.00	16.80 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.46 0.86 0.00	19.55 0.84 0.00	20.34 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.73 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
NARROWS_GT2_5 24240	20.19 0.32 0.00	18.82 0.25 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.29 0.00	21.40 0.45 0.00	21.45 0.54 0.00	28.04 1.11 0.00	23.38 0.92 0.00	20.17 0.82 0.00	18.18 0.80 0.00	16.80 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.46 0.86 0.00	19.55 0.84 0.00	20.34 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.73 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
NARROWS_GT2_6 24241	20.19 0.32 0.00	18.82 0.25 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.29 0.00	21.40 0.45 0.00	21.45 0.54 0.00	28.04 1.11 0.00	23.38 0.92 0.00	20.17 0.82 0.00	18.18 0.80 0.00	16.80 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.46 0.86 0.00	19.55 0.84 0.00	20.34 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.73 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
NARROWS_GT2_7 24242	20.19 0.32 0.00	18.82 0.25 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.29 0.00	21.40 0.45 0.00	21.45 0.54 0.00	28.04 1.11 0.00	23.38 0.92 0.00	20.17 0.82 0.00	18.18 0.80 0.00	16.80 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.46 0.86 0.00	19.55 0.84 0.00	20.34 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.73 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
NARROWS_GT2_8 24243	20.19 0.32 0.00	18.82 0.25 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.29 0.00	21.40 0.45 0.00	21.45 0.54 0.00	28.04 1.11 0.00	23.38 0.92 0.00	20.17 0.82 0.00	18.18 0.80 0.00	16.80 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.46 0.86 0.00	19.55 0.84 0.00	20.34 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.73 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.29 0.43 0.00	19.07 0.51 0.00	19.09 0.61 0.00	19.68 0.67 0.00	19.19 0.68 0.00	21.56 0.61 0.00	21.61 0.70 0.00	28.08 1.15 0.00	23.28 0.82 0.00	19.77 0.42 0.00	17.64 0.26 0.00	12.88 0.21 0.00	11.66 0.09 0.00	15.53 0.14 0.00	17.30 0.22 0.00	17.87 0.27 0.00	19.02 0.32 0.00	20.05 0.49 0.00	23.51 0.91 0.00	31.14 1.41 0.00	23.31 1.04 0.00	19.84 0.88 0.00	19.63 0.77 0.00	18.49 0.69 0.00
NCHELSEA_115KV_TR2 355582	20.21 0.34 0.00	18.85 0.29 0.00	18.73 0.24 0.00	19.29 0.27 0.00	18.83 0.33 0.00	21.44 0.49 0.00	21.48 0.57 0.00	27.99 1.06 0.00	23.21 0.75 0.00	19.94 0.58 0.00	17.94 0.56 0.00	16.37 0.41 -3.29	12.31 0.38 -0.36	15.89 0.50 0.00	17.63 0.55 0.00	18.17 0.58 0.00	19.28 0.57 0.00	20.14 0.59 0.00	23.39 0.79 0.00	30.94 1.21 0.00	23.15 0.88 0.00	19.66 0.71 0.00	19.48 0.62 0.00	18.30 0.50 0.00
NEG CAPITAL___MECHNVIL 23645	20.23 0.36 0.00	18.90 0.34 0.00	18.82 0.34 0.00	19.37 0.36 0.00	18.92 0.42 0.00	21.48 0.53 0.00	21.51 0.61 0.00	27.97 1.03 0.00	23.19 0.73 0.00	19.81 0.47 0.00	17.72 0.34 0.00	9.29 0.22 3.60	11.37 0.19 0.39	15.61 0.21 0.00	17.31 0.23 0.00	17.86 0.26 0.00	19.01 0.30 0.00	20.02 0.47 0.00	23.31 0.71 0.00	30.81 1.08 0.00	23.06 0.79 0.00	19.59 0.63 0.00	19.38 0.52 0.00	18.25 0.45 0.00
NEG CENTRAL_HIGH_ACRES 23767	19.20 -0.66 0.00	17.89 -0.67 0.00	17.81 -0.67 0.00	18.34 -0.67 0.00	17.79 -0.71 0.00	20.26 -0.69 0.00	20.12 -0.78 0.00	25.67 -1.27 0.00	21.36 -1.10 0.00	18.54 -0.81 0.00	16.61 -0.77 0.00	12.08 -0.58 0.00	11.01 -0.56 0.00	14.65 -0.74 0.00	16.29 -0.79 0.00	16.80 -0.79 0.00	17.91 -0.80 0.00	18.67 -0.88 0.00	21.38 -1.22 0.00	28.09 -1.64 0.00	20.88 -1.39 0.00	17.87 -1.09 0.00	18.07 -0.78 0.00	17.17 -0.63 0.00
NEG CENTRAL___DRP 24199	20.19 0.32 0.00	18.80 0.23 0.00	18.73 0.25 0.00	19.28 0.27 0.00	18.75 0.25 0.00	21.44 0.49 0.00	21.38 0.47 0.00	27.48 0.55 0.00	22.88 0.42 0.00	19.64 0.30 0.00	17.46 0.08 0.00	12.74 0.07 0.00	11.64 0.07 0.00	15.47 0.07 0.00	17.15 0.07 0.00	17.70 0.10 0.00	18.94 0.23 0.00	19.81 0.25 0.00	22.79 0.19 0.00	29.86 0.13 0.00	22.26 -0.01 0.00	19.03 0.08 0.00	19.02 0.16 0.00	17.91 0.11 0.00
NEG CENTRAL___INDECK 23768	20.20 0.34 0.00	18.84 0.28 0.00	18.75 0.28 0.00	19.34 0.33 0.00	18.81 0.30 0.00	21.60 0.65 0.00	21.55 0.64 0.00	27.60 0.67 0.00	22.84 0.38 0.00	19.52 0.17 0.00	17.32 -0.06 0.00	12.67 0.00 0.00	11.58 0.01 0.00	15.38 -0.02 0.00	17.07 -0.01 0.00	17.77 0.17 0.00	18.98 0.27 0.00	19.88 0.33 0.00	22.74 0.14 0.00	29.78 0.05 0.00	21.99 -0.28 0.00	18.87 -0.08 0.00	19.01 0.15 0.00	17.89 0.09 0.00

NEG CENTRAL___SENECA 23627	20.32 0.46 0.00	18.91 0.34 0.00	18.83 0.35 0.00	19.40 0.39 0.00	18.89 0.38 0.00	21.67 0.72 0.00	21.62 0.71 0.00	27.75 0.82 0.00	23.12 0.66 0.00	19.83 0.48 0.00	17.56 0.18 0.00	12.81 0.14 0.00	11.72 0.15 0.00	15.57 0.18 0.00	17.26 0.18 0.00	17.82 0.22 0.00	19.09 0.39 0.00	19.97 0.42 0.00	22.96 0.36 0.00	29.97 0.24 0.00	22.35 0.08 0.00	19.12 0.17 0.00	19.12 0.26 0.00	17.98 0.18 0.00
NEG CENTRAL___STATE_STREET 24147	20.15 0.28 0.00	18.79 0.22 0.00	18.72 0.24 0.00	19.23 0.22 0.00	18.71 0.21 0.00	21.30 0.35 0.00	21.16 0.25 0.00	27.22 0.29 0.00	22.65 0.19 0.00	19.48 0.13 0.00	17.40 0.02 0.00	12.67 0.00 0.00	11.57 0.00 0.00	15.39 0.00 0.00	17.07 -0.01 0.00	17.61 0.01 0.00	18.79 0.09 0.00	19.66 0.11 0.00	22.66 0.06 0.00	29.88 0.15 0.00	22.23 -0.04 0.00	19.02 0.06 0.00	18.97 0.11 0.00	17.93 0.14 0.00
NEG MILLWOOD___DRP 24198	20.23 0.36 0.00	18.88 0.31 0.00	18.75 0.27 0.00	19.31 0.30 0.00	18.86 0.36 0.00	21.48 0.53 0.00	21.53 0.62 0.00	28.09 1.16 0.00	23.30 0.84 0.00	20.02 0.67 0.00	18.01 0.63 0.00	16.60 0.47 -3.46	12.38 0.44 -0.37	15.97 0.57 0.00	17.70 0.62 0.00	18.24 0.64 0.00	19.33 0.63 0.00	20.19 0.64 0.00	23.45 0.85 0.00	31.02 1.29 0.00	23.21 0.94 0.00	19.71 0.75 0.00	19.52 0.66 0.00	18.33 0.53 0.00
NEG NORTH_FLCN_SEA 23793	20.64 0.77 0.00	19.23 0.66 0.00	19.00 0.52 0.00	19.55 0.54 0.00	18.98 0.47 0.00	21.28 0.32 0.00	21.24 0.33 0.00	27.41 0.48 0.00	22.88 0.42 0.00	19.70 0.35 0.00	17.74 0.36 0.00	12.91 0.24 0.00	11.77 0.20 0.00	15.62 0.23 0.00	17.38 0.29 0.00	17.95 0.35 0.00	19.22 0.51 0.00	20.24 0.68 0.00	23.37 0.77 0.00	30.63 0.90 0.00	22.96 0.69 0.00	19.43 0.47 0.00	19.17 0.31 0.00	18.13 0.33 0.00
NEG NORTH_KES_CHATEGAY 23792	20.42 0.56 0.00	19.06 0.49 0.00	18.89 0.41 0.00	19.43 0.42 0.00	18.85 0.34 0.00	21.21 0.25 0.00	21.14 0.23 0.00	27.18 0.25 0.00	22.70 0.23 0.00	19.58 0.23 0.00	17.65 0.27 0.00	12.84 0.17 0.00	11.71 0.13 0.00	15.57 0.17 0.00	17.32 0.24 0.00	17.85 0.26 0.00	19.12 0.42 0.00	20.09 0.53 0.00	23.20 0.59 0.00	30.40 0.67 0.00	22.78 0.51 0.00	19.30 0.35 0.00	19.09 0.24 0.00	18.07 0.28 0.00
NEG NORTH___ALICE_FALLS 23915	20.68 0.81 0.00	19.28 0.71 0.00	19.07 0.60 0.00	19.63 0.62 0.00	19.06 0.55 0.00	21.37 0.42 0.00	21.36 0.45 0.00	27.57 0.64 0.00	23.02 0.56 0.00	19.82 0.47 0.00	17.82 0.44 0.00	12.97 0.30 0.00	11.82 0.25 0.00	15.68 0.29 0.00	17.46 0.38 0.00	18.03 0.43 0.00	19.31 0.61 0.00	20.33 0.78 0.00	23.48 0.88 0.00	30.80 1.07 0.00	23.08 0.81 0.00	19.53 0.58 0.00	19.27 0.41 0.00	18.22 0.42 0.00
NEG NORTH___LWR_SARANAC 23913	20.68 0.81 0.00	19.28 0.71 0.00	19.07 0.60 0.00	19.63 0.62 0.00	19.06 0.55 0.00	21.37 0.42 0.00	21.36 0.45 0.00	27.57 0.64 0.00	23.02 0.56 0.00	19.82 0.47 0.00	17.82 0.44 0.00	12.97 0.30 0.00	11.82 0.25 0.00	15.68 0.29 0.00	17.46 0.38 0.00	18.03 0.43 0.00	19.31 0.61 0.00	20.33 0.78 0.00	23.48 0.88 0.00	30.80 1.07 0.00	23.08 0.81 0.00	19.53 0.58 0.00	19.27 0.41 0.00	18.22 0.42 0.00
NEG NORTH___PLATTSBURG 23628	20.68 0.82 0.00	19.28 0.71 0.00	19.07 0.60 0.00	19.63 0.62 0.00	19.05 0.55 0.00	21.37 0.42 0.00	21.36 0.45 0.00	27.57 0.64 0.00	23.02 0.56 0.00	19.82 0.47 0.00	17.82 0.44 0.00	12.97 0.30 0.00	11.82 0.25 0.00	15.68 0.29 0.00	17.46 0.38 0.00	18.03 0.43 0.00	19.31 0.61 0.00	20.33 0.78 0.00	23.48 0.88 0.00	30.80 1.07 0.00	23.08 0.81 0.00	19.53 0.58 0.00	19.27 0.41 0.00	18.22 0.42 0.00
NEG WEST_LEA_LOCKPORT 23791	19.20 -0.66 0.00	17.86 -0.70 0.00	17.78 -0.70 0.00	18.35 -0.67 0.00	17.75 -0.75 0.00	20.28 -0.67 0.00	19.88 -1.03 0.00	24.90 -2.03 0.00	20.80 -1.67 0.00	18.33 -1.02 0.00	16.35 -1.03 0.00	11.93 -0.75 0.00	10.84 -0.73 0.00	14.44 -0.96 0.00	16.05 -1.03 0.00	16.50 -1.09 0.00	17.52 -1.19 0.00	18.20 -1.36 0.00	20.60 -2.00 0.00	26.93 -2.80 0.00	19.93 -2.34 0.00	17.19 -1.77 0.00	17.83 -1.03 0.00	17.20 -0.60 0.00
NEG WEST___LANCASTR 23811	20.11 0.25 0.00	18.70 0.14 0.00	18.61 0.13 0.00	19.19 0.18 0.00	18.60 0.09 0.00	21.26 0.31 0.00	20.90 -0.01 0.00	26.38 -0.55 0.00	22.06 -0.40 0.00	19.37 0.03 0.00	17.31 -0.07 0.00	12.63 -0.04 0.00	11.54 -0.04 0.00	15.44 0.04 0.00	17.13 0.04 0.00	17.59 -0.01 0.00	18.61 -0.09 0.00	19.27 -0.29 0.00	21.87 -0.74 0.00	28.60 -1.13 0.00	21.18 -1.10 0.00	18.29 -0.66 0.00	18.78 -0.08 0.00	17.96 0.17 0.00
NEG_PENN_ALLEGHNY 23528	19.86 -0.01 0.00	18.50 -0.07 0.00	18.41 -0.07 0.00	18.95 -0.06 0.00	18.45 -0.06 0.00	21.04 0.09 0.00	20.95 0.04 0.00	27.11 0.18 0.00	22.54 0.08 0.00	19.45 0.11 0.00	17.38 0.00 0.00	12.66 -0.01 0.00	11.60 0.03 0.00	15.43 0.04 0.00	17.11 0.03 0.00	17.64 0.04 0.00	18.71 0.01 0.00	19.53 -0.02 0.00	22.59 -0.02 0.00	29.75 0.02 0.00	22.16 -0.11 0.00	18.92 -0.03 0.00	18.87 0.01 0.00	17.71 -0.08 0.00
NEG___GEN_MONROE 24207	19.64 -0.22 0.00	18.29 -0.27 0.00	18.20 -0.27 0.00	18.77 -0.25 0.00	18.20 -0.31 0.00	20.75 -0.20 0.00	20.54 -0.37 0.00	26.08 -0.85 0.00	21.73 -0.73 0.00	18.93 -0.42 0.00	16.89 -0.49 0.00	12.30 -0.37 0.00	11.20 -0.37 0.00	14.90 -0.50 0.00	16.58 -0.50 0.00	17.14 -0.46 0.00	18.24 -0.46 0.00	18.99 -0.56 0.00	21.67 -0.93 0.00	28.43 -1.30 0.00	21.12 -1.16 0.00	18.10 -0.85 0.00	18.45 -0.41 0.00	17.59 -0.21 0.00
NEPA___ENERGY 23901	19.58 -0.28 0.00	18.16 -0.41 0.00	18.06 -0.42 0.00	18.62 -0.39 0.00	18.06 -0.45 0.00	20.77 -0.18 0.00	20.34 -0.57 0.00	25.88 -1.06 0.00	21.56 -0.90 0.00	18.99 -0.36 0.00	16.87 -0.51 0.00	12.34 -0.33 0.00	11.32 -0.25 0.00	15.09 -0.30 0.00	16.78 -0.30 0.00	17.28 -0.32 0.00	18.17 -0.54 0.00	18.73 -0.83 0.00	21.33 -1.27 0.00	27.95 -1.78 0.00	20.54 -1.73 0.00	17.77 -1.18 0.00	18.11 -0.74 0.00	17.36 -0.43 0.00
NEVERSINK___HYD 23608	20.73 0.87 0.00	19.31 0.74 0.00	19.16 0.68 0.00	19.73 0.72 0.00	19.28 0.77 0.00	22.02 1.07 0.00	22.05 1.14 0.00	28.69 1.76 0.00	23.80 1.34 0.00	20.39 1.04 0.00	18.28 0.90 0.00	15.41 0.64 -2.11	12.39 0.58 -0.23	16.17 0.78 0.00	17.94 0.86 0.00	18.50 0.90 0.00	19.64 0.93 0.00	20.55 1.00 0.00	23.91 1.31 0.00	31.61 1.88 0.00	23.61 1.34 0.00	20.03 1.08 0.00	19.87 1.00 0.00	18.67 0.88 0.00
NEWKRMKL_115KV_TB1 55635	20.07 0.20 0.00	18.78 0.21 0.00	18.72 0.24 0.00	19.29 0.27 0.00	18.82 0.32 0.00	21.31 0.36 0.00	21.30 0.39 0.00	27.70 0.76 0.00	22.97 0.51 0.00	19.67 0.32 0.00	17.66 0.29 0.00	9.74 0.22 3.15	11.42 0.19 0.34	15.64 0.25 0.00	17.35 0.27 0.00	17.87 0.27 0.00	18.98 0.28 0.00	19.86 0.31 0.00	23.08 0.48 0.00	30.49 0.76 0.00	22.85 0.57 0.00	19.45 0.50 0.00	19.28 0.42 0.00	18.17 0.37 0.00

NEWTON___FALLS_HYD 23847	19.23 -0.63 0.00	18.15 -0.42 0.00	18.11 -0.37 0.00	18.66 -0.35 0.00	18.22 -0.28 0.00	20.69 -0.26 0.00	20.76 -0.15 0.00	26.63 -0.30 0.00	22.18 -0.28 0.00	18.91 -0.44 0.00	16.84 -0.54 0.00	12.27 -0.40 0.00	11.21 -0.36 0.00	14.90 -0.50 0.00	16.64 -0.44 0.00	17.18 -0.42 0.00	18.40 -0.30 0.00	19.40 -0.15 0.00	22.39 -0.21 0.00	29.45 -0.28 0.00	21.96 -0.31 0.00	18.51 -0.44 0.00	18.21 -0.65 0.00	17.22 -0.58 0.00
NGRID_A1_DSASP 323792	18.91 -0.95 0.00	17.60 -0.96 0.00	17.52 -0.96 0.00	18.08 -0.94 0.00	17.49 -1.02 0.00	19.94 -1.01 0.00	19.52 -1.39 0.00	24.27 -2.66 0.00	20.22 -2.24 0.00	17.84 -1.51 0.00	15.98 -1.40 0.00	11.65 -1.02 0.00	10.61 -0.96 0.00	14.12 -1.28 0.00	15.68 -1.40 0.00	16.08 -1.52 0.00	17.06 -1.64 0.00	17.74 -1.81 0.00	20.09 -2.51 0.00	26.23 -3.50 0.00	19.43 -2.84 0.00	16.76 -2.19 0.00	17.43 -1.43 0.00	16.94 -0.86 0.00
NGRID_A2_DSASP 323793	18.91 -0.95 0.00	17.60 -0.96 0.00	17.52 -0.96 0.00	18.08 -0.94 0.00	17.49 -1.02 0.00	19.94 -1.01 0.00	19.52 -1.39 0.00	24.27 -2.66 0.00	20.22 -2.24 0.00	17.84 -1.51 0.00	15.98 -1.40 0.00	11.65 -1.02 0.00	10.61 -0.96 0.00	14.12 -1.28 0.00	15.68 -1.40 0.00	16.08 -1.52 0.00	17.06 -1.64 0.00	17.74 -1.81 0.00	20.09 -2.51 0.00	26.23 -3.50 0.00	19.43 -2.84 0.00	16.76 -2.19 0.00	17.43 -1.43 0.00	16.94 -0.86 0.00
NGRID_A4_DSASP 323807	18.91 -0.95 0.00	17.60 -0.96 0.00	17.52 -0.96 0.00	18.08 -0.94 0.00	17.49 -1.02 0.00	19.94 -1.01 0.00	19.52 -1.39 0.00	24.27 -2.66 0.00	20.22 -2.24 0.00	17.84 -1.51 0.00	15.98 -1.40 0.00	11.65 -1.02 0.00	10.61 -0.96 0.00	14.12 -1.28 0.00	15.68 -1.40 0.00	16.08 -1.52 0.00	17.06 -1.64 0.00	17.74 -1.81 0.00	20.09 -2.51 0.00	26.23 -3.50 0.00	19.43 -2.84 0.00	16.76 -2.19 0.00	17.43 -1.43 0.00	16.94 -0.86 0.00
NIAGARA_115E_LBMP 323715	18.88 -0.98 0.00	17.57 -0.99 0.00	17.49 -0.99 0.00	18.04 -0.97 0.00	17.46 -1.05 0.00	19.92 -1.04 0.00	19.49 -1.42 0.00	24.35 -2.59 0.00	20.32 -2.14 0.00	17.93 -1.42 0.00	16.04 -1.34 0.00	11.69 -0.98 0.00	10.64 -0.93 0.00	14.16 -1.24 0.00	15.75 -1.34 0.00	16.15 -1.44 0.00	17.15 -1.55 0.00	17.82 -1.73 0.00	20.18 -2.42 0.00	26.37 -3.36 0.00	19.52 -2.75 0.00	16.84 -2.11 0.00	17.50 -1.36 0.00	16.93 -0.87 0.00
NIAGARA_115W_LBMP 323714	18.87 -0.99 0.00	17.56 -1.00 0.00	17.48 -1.00 0.00	18.04 -0.97 0.00	17.45 -1.05 0.00	19.90 -1.05 0.00	19.48 -1.44 0.00	24.21 -2.73 0.00	20.17 -2.30 0.00	17.79 -1.56 0.00	15.93 -1.45 0.00	11.62 -1.05 0.00	10.58 -0.99 0.00	14.07 -1.32 0.00	15.64 -1.44 0.00	16.03 -1.57 0.00	17.01 -1.70 0.00	17.69 -1.86 0.00	20.02 -2.58 0.00	26.16 -3.58 0.00	19.38 -2.89 0.00	16.72 -2.24 0.00	17.39 -1.47 0.00	16.91 -0.89 0.00
NIAGARA_230_LBMP 323716	19.02 -0.84 0.00	17.70 -0.86 0.00	17.61 -0.86 0.00	18.18 -0.84 0.00	17.59 -0.92 0.00	20.06 -0.89 0.00	19.66 -1.25 0.00	24.60 -2.33 0.00	20.53 -1.93 0.00	18.11 -1.24 0.00	16.23 -1.15 0.00	11.81 -0.85 0.00	10.76 -0.81 0.00	14.33 -1.06 0.00	15.93 -1.15 0.00	16.34 -1.25 0.00	17.33 -1.37 0.00	18.01 -1.55 0.00	20.40 -2.20 0.00	26.66 -3.07 0.00	19.76 -2.51 0.00	17.05 -1.91 0.00	17.66 -1.19 0.00	17.04 -0.76 0.00
NIAGARA___115KV_198_GIBSON 55903	18.87 -0.99 0.00	17.56 -1.00 0.00	17.48 -1.00 0.00	18.04 -0.97 0.00	17.45 -1.05 0.00	19.90 -1.05 0.00	19.48 -1.43 0.00	24.21 -2.73 0.00	20.17 -2.30 0.00	17.79 -1.56 0.00	15.90 -1.48 0.00	11.62 -1.05 0.00	10.58 -0.99 0.00	14.07 -1.32 0.00	15.64 -1.45 0.00	16.03 -1.57 0.00	17.01 -1.70 0.00	17.69 -1.87 0.00	20.03 -2.58 0.00	26.15 -3.58 0.00	19.37 -2.90 0.00	16.72 -2.24 0.00	17.39 -1.47 0.00	16.91 -0.89 0.00
NIAGARA____ 23760	19.02 -0.84 0.00	17.70 -0.86 0.00	17.61 -0.86 0.00	18.18 -0.84 0.00	17.59 -0.92 0.00	20.06 -0.89 0.00	19.66 -1.25 0.00	24.60 -2.33 0.00	20.53 -1.93 0.00	18.11 -1.24 0.00	16.23 -1.15 0.00	11.81 -0.85 0.00	10.76 -0.81 0.00	14.33 -1.06 0.00	15.93 -1.15 0.00	16.34 -1.25 0.00	17.33 -1.37 0.00	18.01 -1.55 0.00	20.40 -2.20 0.00	26.66 -3.07 0.00	19.76 -2.51 0.00	17.05 -1.91 0.00	17.66 -1.19 0.00	17.04 -0.76 0.00
NINE_MILE_1 23575	19.44 -0.42 0.00	18.16 -0.40 0.00	18.08 -0.40 0.00	18.58 -0.43 0.00	18.03 -0.47 0.00	20.36 -0.58 0.00	20.30 -0.60 0.00	26.11 -0.82 0.00	21.78 -0.69 0.00	18.79 -0.56 0.00	16.88 -0.50 0.00	12.31 -0.36 0.00	11.24 -0.33 0.00	14.96 -0.44 0.00	16.59 -0.50 0.00	17.08 -0.52 0.00	18.16 -0.55 0.00	18.96 -0.59 0.00	21.86 -0.75 0.00	28.75 -0.98 0.00	21.51 -0.76 0.00	18.35 -0.60 0.00	18.31 -0.55 0.00	17.27 -0.53 0.00
NINE_MILE_2 23744	19.44 -0.42 0.00	18.16 -0.40 0.00	18.08 -0.40 0.00	18.59 -0.42 0.00	18.03 -0.47 0.00	20.36 -0.58 0.00	20.31 -0.60 0.00	26.12 -0.81 0.00	21.78 -0.68 0.00	18.79 -0.56 0.00	16.89 -0.49 0.00	12.31 -0.36 0.00	11.25 -0.33 0.00	14.96 -0.44 0.00	16.59 -0.50 0.00	17.08 -0.51 0.00	18.16 -0.55 0.00	18.96 -0.59 0.00	21.86 -0.75 0.00	28.76 -0.97 0.00	21.51 -0.76 0.00	18.35 -0.60 0.00	18.31 -0.55 0.00	17.27 -0.53 0.00
NM_CAPITAL___DRP 24208	20.01 0.14 0.00	18.72 0.16 0.00	18.67 0.19 0.00	19.22 0.21 0.00	18.76 0.26 0.00	21.23 0.28 0.00	21.21 0.30 0.00	27.57 0.64 0.00	22.87 0.41 0.00	19.58 0.24 0.00	17.59 0.21 0.00	9.49 0.17 3.34	11.35 0.14 0.36	15.58 0.19 0.00	17.28 0.20 0.00	17.79 0.20 0.00	18.89 0.19 0.00	19.77 0.21 0.00	22.98 0.37 0.00	30.36 0.62 0.00	22.75 0.48 0.00	19.38 0.42 0.00	19.21 0.35 0.00	18.11 0.31 0.00
NM_CENTRAL___DRP 24181	19.75 -0.11 0.00	18.44 -0.13 0.00	18.35 -0.12 0.00	18.88 -0.13 0.00	18.33 -0.17 0.00	20.77 -0.18 0.00	20.72 -0.19 0.00	26.68 -0.25 0.00	22.23 -0.23 0.00	19.16 -0.19 0.00	17.18 -0.20 0.00	12.52 -0.14 0.00	11.44 -0.13 0.00	15.22 -0.17 0.00	16.88 -0.20 0.00	17.40 -0.20 0.00	18.51 -0.19 0.00	19.33 -0.22 0.00	22.28 -0.32 0.00	29.32 -0.42 0.00	21.89 -0.38 0.00	18.68 -0.27 0.00	18.66 -0.20 0.00	17.58 -0.22 0.00
NM_FRONTIER___DRP 24179	18.87 -0.99 0.00	17.56 -1.00 0.00	17.48 -1.00 0.00	18.04 -0.97 0.00	17.45 -1.05 0.00	19.90 -1.05 0.00	19.48 -1.43 0.00	24.21 -2.73 0.00	20.17 -2.30 0.00	17.79 -1.56 0.00	15.90 -1.48 0.00	11.62 -1.05 0.00	10.58 -0.99 0.00	14.07 -1.32 0.00	15.64 -1.45 0.00	16.03 -1.57 0.00	17.01 -1.70 0.00	17.69 -1.87 0.00	20.03 -2.58 0.00	26.15 -3.58 0.00	19.37 -2.90 0.00	16.72 -2.24 0.00	17.39 -1.47 0.00	16.91 -0.89 0.00
NM_ST_REGIS___HYD 24053	19.82 -0.04 0.00	18.62 0.06 0.00	18.50 0.02 0.00	19.04 0.03 0.00	18.56 0.05 0.00	20.98 0.03 0.00	21.04 0.13 0.00	26.97 0.03 0.00	22.52 0.05 0.00	19.29 -0.06 0.00	17.22 -0.16 0.00	12.51 -0.16 0.00	11.40 -0.17 0.00	15.17 -0.22 0.00	16.91 -0.17 0.00	17.44 -0.15 0.00	18.71 0.00 0.00	19.68 0.13 0.00	22.71 0.11 0.00	29.79 0.05 0.00	22.28 0.01 0.00	18.84 -0.11 0.00	18.68 -0.18 0.00	17.72 -0.08 0.00

NORTHPORT___1 23551	20.13 0.27 0.00	18.79 0.23 0.00	18.63 0.16 0.00	19.20 0.19 0.00	18.74 0.23 0.00	21.47 0.52 0.00	21.53 0.62 0.00	28.01 1.08 0.00	23.17 0.70 0.00	20.09 0.75 0.00	18.03 0.65 0.00	-143.85 0.49 157.01	-4.98 0.45 17.00	16.05 0.65 0.00	17.86 0.78 0.00	18.30 0.71 0.00	19.40 0.69 0.00	20.19 0.64 0.00	23.48 0.88 0.00	31.01 1.28 0.00	23.23 0.96 0.00	19.81 0.85 0.00	19.63 0.78 0.00	18.48 0.68 0.00
NORTHPORT___2 23552	20.18 0.31 0.00	18.81 0.24 0.00	18.63 0.16 0.00	19.20 0.19 0.00	18.74 0.23 0.00	21.47 0.52 0.00	21.53 0.62 0.00	28.01 1.08 0.00	23.16 0.70 0.00	20.07 0.72 0.00	18.07 0.69 0.00	16.66 0.52 -3.47	12.41 0.46 -0.37	16.05 0.65 0.00	17.86 0.78 0.00	18.30 0.71 0.00	19.40 0.69 0.00	20.19 0.64 0.00	23.48 0.88 0.00	31.01 1.28 0.00	23.23 0.96 0.00	19.81 0.85 0.00	19.63 0.78 0.00	18.48 0.68 0.00
NORTHPORT___3 23553	20.07 0.21 0.00	18.72 0.15 0.00	18.55 0.07 0.00	19.11 0.10 0.00	18.66 0.16 0.00	21.37 0.42 0.00	21.45 0.54 0.00	27.94 1.00 0.00	23.10 0.63 0.00	19.97 0.62 0.00	17.98 0.60 0.00	16.59 0.45 -3.47	12.34 0.39 -0.37	15.95 0.56 0.00	17.75 0.67 0.00	18.22 0.62 0.00	19.32 0.62 0.00	20.15 0.59 0.00	23.42 0.82 0.00	30.98 1.24 0.00	23.17 0.90 0.00	19.72 0.76 0.00	19.55 0.69 0.00	18.38 0.59 0.00
NORTHPORT___4 23650	20.07 0.21 0.00	18.72 0.15 0.00	18.55 0.07 0.00	19.11 0.10 0.00	18.66 0.16 0.00	21.37 0.42 0.00	21.45 0.54 0.00	27.94 1.00 0.00	23.10 0.63 0.00	19.97 0.62 0.00	17.98 0.60 0.00	16.59 0.45 -3.47	12.34 0.39 -0.37	15.95 0.56 0.00	17.75 0.67 0.00	18.22 0.62 0.00	19.32 0.62 0.00	20.15 0.59 0.00	23.42 0.82 0.00	30.98 1.24 0.00	23.17 0.90 0.00	19.72 0.76 0.00	19.55 0.69 0.00	18.38 0.59 0.00
NORTHPORT___IC 23718	20.13 0.27 0.00	18.79 0.23 0.00	18.64 0.16 0.00	19.20 0.19 0.00	18.74 0.23 0.00	21.47 0.52 0.00	21.53 0.62 0.00	28.01 1.07 0.00	23.17 0.70 0.00	20.09 0.74 0.00	18.03 0.66 0.00	-143.85 0.49 157.01	-4.99 0.45 17.00	16.05 0.65 0.00	17.86 0.78 0.00	18.30 0.70 0.00	19.39 0.69 0.00	20.19 0.64 0.00	23.48 0.88 0.00	31.01 1.28 0.00	23.23 0.96 0.00	19.81 0.85 0.00	19.63 0.77 0.00	18.48 0.68 0.00
NORTH___COUNTRY_ESR 323785	20.35 0.49 0.00	18.99 0.43 0.00	18.83 0.35 0.00	19.37 0.36 0.00	18.79 0.28 0.00	21.11 0.16 0.00	21.08 0.16 0.00	27.08 0.15 0.00	22.62 0.16 0.00	19.54 0.19 0.00	17.62 0.24 0.00	12.82 0.15 0.00	11.70 0.12 0.00	15.54 0.14 0.00	17.28 0.20 0.00	17.84 0.24 0.00	19.07 0.37 0.00	20.03 0.47 0.00	23.12 0.52 0.00	30.29 0.56 0.00	22.71 0.44 0.00	19.23 0.28 0.00	19.03 0.17 0.00	18.01 0.21 0.00
NPX_GEN_1385_PROXY 323591	19.99 0.13 0.00	18.73 0.16 0.00	18.57 0.09 0.00	19.20 0.19 0.00	18.52 0.17 0.16	21.39 0.44 0.00	21.44 0.54 0.00	27.84 0.90 0.00	23.03 0.56 0.00	20.12 0.77 0.00	17.92 0.54 0.00	-143.93 0.40 157.01	-5.01 0.43 17.00	16.11 0.71 0.00	18.03 0.95 0.00	18.23 0.64 0.00	19.26 0.55 0.00	19.99 0.44 0.00	23.23 0.63 0.00	30.51 0.78 0.00	22.95 0.68 0.00	19.56 0.61 0.00	19.43 0.57 0.00	18.36 0.57 0.00
NPX_GEN_CSC 323557	20.02 0.16 0.00	18.64 0.08 0.00	18.46 -0.02 0.00	19.01 0.00 0.00	18.42 0.07 0.16	21.48 0.53 0.00	21.63 0.72 0.00	28.19 1.26 0.00	23.11 0.65 0.00	19.98 0.64 0.00	17.92 0.54 0.00	16.52 0.38 -3.47	12.25 0.31 -0.37	15.89 0.49 0.00	17.69 0.61 0.00	18.11 0.52 0.00	19.25 0.54 0.00	20.24 0.68 0.00	23.76 1.16 0.00	31.37 1.64 0.00	23.36 1.09 0.00	19.85 0.90 0.00	19.61 0.75 0.00	18.56 0.76 0.00
NSINS_S_GLNS_FALLS 23858	20.24 0.37 0.00	18.93 0.36 0.00	18.84 0.36 0.00	19.39 0.38 0.00	18.97 0.46 0.00	21.56 0.61 0.00	21.66 0.75 0.00	28.24 1.31 0.00	23.44 0.98 0.00	19.92 0.57 0.00	17.74 0.36 0.00	9.72 0.20 3.14	11.42 0.19 0.34	15.61 0.22 0.00	17.31 0.23 0.00	17.86 0.26 0.00	19.05 0.35 0.00	20.15 0.60 0.00	23.57 0.96 0.00	31.17 1.44 0.00	23.31 1.04 0.00	19.74 0.79 0.00	19.49 0.63 0.00	18.34 0.54 0.00
NUCOR_STEEL___DRP 24197	20.13 0.27 0.00	18.77 0.21 0.00	18.71 0.23 0.00	19.22 0.20 0.00	18.69 0.19 0.00	21.27 0.32 0.00	21.11 0.20 0.00	27.15 0.22 0.00	22.59 0.13 0.00	19.44 0.10 0.00	17.38 0.00 0.00	12.66 -0.01 0.00	11.56 -0.01 0.00	15.38 -0.02 0.00	17.05 -0.03 0.00	17.58 -0.01 0.00	18.76 0.06 0.00	19.63 0.07 0.00	22.62 0.02 0.00	29.86 0.13 0.00	22.21 -0.06 0.00	19.01 0.05 0.00	18.95 0.09 0.00	17.92 0.13 0.00
NUMBER_THREE_WT_PWR 323818	19.34 -0.53 0.00	18.33 -0.23 0.00	18.38 -0.09 0.00	18.96 -0.06 0.00	18.57 0.06 0.00	21.16 0.21 0.00	21.26 0.36 0.00	27.36 0.42 0.00	22.72 0.26 0.00	19.30 -0.05 0.00	17.15 -0.23 0.00	12.50 -0.17 0.00	11.43 -0.15 0.00	15.18 -0.22 0.00	16.97 -0.11 0.00	17.48 -0.11 0.00	18.74 0.04 0.00	19.81 0.25 0.00	22.90 0.29 0.00	30.20 0.47 0.00	22.44 0.17 0.00	18.85 -0.11 0.00	18.40 -0.46 0.00	17.34 -0.45 0.00
NYISO_LBMP_REFERENCE 24008	19.87 0.00 0.00	18.56 0.00 0.00	18.48 0.00 0.00	19.01 0.00 0.00	18.51 0.00 0.00	20.95 0.00 0.00	20.91 0.00 0.00	26.94 0.00 0.00	22.46 0.00 0.00	19.35 0.00 0.00	17.38 0.00 0.00	12.67 0.00 0.00	11.57 0.00 0.00	15.40 0.00 0.00	17.08 0.00 0.00	17.59 0.00 0.00	18.70 0.00 0.00	19.55 0.00 0.00	22.60 0.00 0.00	29.73 0.00 0.00	22.27 0.00 0.00	18.95 0.00 0.00	18.86 0.00 0.00	17.80 0.00 0.00
NYPA_BRENTWD___GT 24164	20.35 0.48 0.00	18.96 0.39 0.00	18.78 0.30 0.00	19.34 0.33 0.00	18.89 0.38 0.00	21.69 0.73 0.00	21.79 0.88 0.00	28.39 1.46 0.00	23.44 0.98 0.00	20.27 0.92 0.00	18.21 0.83 0.00	16.75 0.61 -3.47	12.48 0.53 -0.37	16.14 0.75 0.00	17.95 0.87 0.00	18.43 0.84 0.00	19.57 0.86 0.00	20.45 0.90 0.00	23.83 1.23 0.00	31.50 1.77 0.00	23.55 1.28 0.00	20.04 1.08 0.00	19.84 0.99 0.00	18.67 0.87 0.00
NYPA_GOWANUS___GT5 24156	20.19 0.32 0.00	18.82 0.25 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.29 0.00	21.40 0.45 0.00	21.45 0.54 0.00	28.04 1.11 0.00	23.38 0.92 0.00	20.17 0.82 0.00	18.18 0.80 0.00	16.80 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.46 0.86 0.00	19.55 0.84 0.00	20.34 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.73 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00
NYPA_GOWANUS___GT6 24157	20.19 0.32 0.00	18.82 0.25 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.29 0.00	21.40 0.45 0.00	21.45 0.54 0.00	28.04 1.11 0.00	23.38 0.92 0.00	20.17 0.82 0.00	18.18 0.80 0.00	16.80 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.46 0.86 0.00	19.55 0.84 0.00	20.34 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.73 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00

NYPA_HARLEM__RVR__GT1 24160	20.08 0.21 0.00	18.79 0.23 0.00	18.64 0.17 0.00	19.18 0.17 0.00	18.76 0.25 0.00	21.34 0.39 0.00	21.42 0.51 0.00	27.93 1.00 0.00	23.26 0.79 0.00	20.06 0.71 0.00	18.08 0.70 0.00	16.72 0.58 -3.47	12.48 0.54 -0.38	16.09 0.69 0.00	17.81 0.72 0.00	18.34 0.75 0.00	19.42 0.71 0.00	20.23 0.67 0.00	23.41 0.81 0.00	30.94 1.21 0.00	23.18 0.91 0.00	19.69 0.73 0.00	19.48 0.62 0.00	18.32 0.52 0.00
NYPA_HARLEM__RVR__GT2 24161	20.08 0.21 0.00	18.79 0.23 0.00	18.64 0.17 0.00	19.18 0.17 0.00	18.76 0.25 0.00	21.34 0.39 0.00	21.42 0.51 0.00	27.93 1.00 0.00	23.26 0.79 0.00	20.06 0.71 0.00	18.08 0.70 0.00	16.72 0.58 -3.47	12.48 0.54 -0.38	16.09 0.69 0.00	17.81 0.72 0.00	18.34 0.75 0.00	19.42 0.71 0.00	20.23 0.67 0.00	23.41 0.81 0.00	30.94 1.21 0.00	23.18 0.91 0.00	19.69 0.73 0.00	19.48 0.62 0.00	18.32 0.52 0.00
NYPA_KENT____GT 24152	20.15 0.28 0.00	18.79 0.23 0.00	18.64 0.16 0.00	19.19 0.18 0.00	18.76 0.26 0.00	21.37 0.42 0.00	21.43 0.52 0.00	28.00 1.07 0.00	23.32 0.86 0.00	20.13 0.78 0.00	18.14 0.76 0.00	16.77 0.63 -3.47	12.53 0.59 -0.38	16.16 0.76 0.00	17.88 0.80 0.00	18.41 0.82 0.00	19.51 0.80 0.00	20.31 0.75 0.00	23.52 0.92 0.00	31.07 1.34 0.00	23.22 0.95 0.00	19.70 0.75 0.00	19.52 0.66 0.00	18.33 0.53 0.00
NYPA_POUCH1____GT 24155	20.17 0.30 0.00	18.78 0.22 0.00	18.63 0.15 0.00	19.17 0.16 0.00	18.76 0.25 0.00	21.35 0.40 0.00	21.39 0.48 0.00	27.95 1.02 0.00	23.33 0.87 0.00	20.12 0.77 0.00	18.13 0.75 0.00	16.75 0.61 -3.47	12.51 0.56 -0.37	16.12 0.73 0.00	17.86 0.78 0.00	18.40 0.80 0.00	19.48 0.78 0.00	20.28 0.73 0.00	23.50 0.89 0.00	30.22 1.32 0.83	23.21 0.94 0.00	19.72 0.76 0.00	19.55 0.68 0.00	18.36 0.56 0.00
NYPA_VERNON____GT2 24162	20.10 0.23 0.00	18.76 0.20 0.00	18.62 0.14 0.00	19.17 0.15 0.00	18.74 0.23 0.00	21.34 0.39 0.00	21.40 0.49 0.00	27.96 1.03 0.00	23.27 0.81 0.00	20.08 0.73 0.00	18.10 0.72 0.00	16.74 0.60 -3.47	12.52 0.57 -0.38	16.13 0.73 0.00	17.84 0.76 0.00	18.38 0.78 0.00	19.47 0.76 0.00	20.26 0.71 0.00	23.47 0.86 0.00	31.00 1.27 0.00	23.19 0.92 0.00	19.68 0.72 0.00	19.49 0.63 0.00	18.29 0.50 0.00
NYPA_VERNON____GT3 24163	20.10 0.23 0.00	18.76 0.20 0.00	18.62 0.14 0.00	19.17 0.15 0.00	18.74 0.23 0.00	21.34 0.39 0.00	21.40 0.49 0.00	27.96 1.03 0.00	23.27 0.81 0.00	20.08 0.73 0.00	18.10 0.72 0.00	16.74 0.60 -3.47	12.52 0.57 -0.38	16.13 0.73 0.00	17.84 0.76 0.00	18.38 0.78 0.00	19.47 0.76 0.00	20.26 0.71 0.00	23.47 0.86 0.00	31.00 1.27 0.00	23.19 0.92 0.00	19.68 0.72 0.00	19.49 0.63 0.00	18.29 0.50 0.00
NYPA__ASTORIA_CC1 323568	20.06 0.19 0.00	18.73 0.16 0.00	18.58 0.10 0.00	19.14 0.12 0.00	18.70 0.20 0.00	21.30 0.35 0.00	21.36 0.45 0.00	27.90 0.97 0.00	23.22 0.76 0.00	20.04 0.69 0.00	18.07 0.69 0.00	16.72 0.58 -3.47	12.50 0.55 -0.38	16.10 0.70 0.00	17.80 0.72 0.00	18.34 0.75 0.00	19.42 0.72 0.00	20.22 0.67 0.00	23.42 0.82 0.00	30.94 1.20 0.00	23.14 0.87 0.00	19.64 0.69 0.00	19.45 0.59 0.00	18.26 0.47 0.00
NYPA__ASTORIA_CC2 323569	20.06 0.19 0.00	18.73 0.16 0.00	18.58 0.10 0.00	19.14 0.12 0.00	18.70 0.20 0.00	21.30 0.35 0.00	21.36 0.45 0.00	27.90 0.97 0.00	23.22 0.76 0.00	20.04 0.69 0.00	18.07 0.69 0.00	16.72 0.58 -3.47	12.50 0.55 -0.38	16.10 0.70 0.00	17.80 0.72 0.00	18.34 0.75 0.00	19.42 0.72 0.00	20.22 0.67 0.00	23.42 0.82 0.00	30.94 1.20 0.00	23.14 0.87 0.00	19.64 0.69 0.00	19.45 0.59 0.00	18.26 0.47 0.00
NYPA__HOLTSVILL 23794	20.18 0.31 0.00	18.80 0.23 0.00	18.62 0.14 0.00	19.17 0.16 0.00	18.73 0.23 0.00	21.54 0.58 0.00	21.65 0.73 0.00	28.21 1.28 0.00	23.25 0.79 0.00	20.12 0.77 0.00	18.06 0.68 0.00	16.64 0.50 -3.47	12.37 0.43 -0.37	16.01 0.61 0.00	17.81 0.73 0.00	18.28 0.68 0.00	19.41 0.70 0.00	20.31 0.76 0.00	23.70 1.10 0.00	31.34 1.61 0.00	23.40 1.13 0.00	19.90 0.95 0.00	19.70 0.85 0.00	18.57 0.77 0.00
NYPA__HELLGATE_GT1 24158	20.08 0.21 0.00	18.79 0.23 0.00	18.64 0.17 0.00	19.18 0.17 0.00	18.76 0.25 0.00	21.34 0.39 0.00	21.42 0.51 0.00	27.93 1.00 0.00	23.26 0.79 0.00	20.06 0.71 0.00	18.08 0.70 0.00	16.72 0.58 -3.47	12.48 0.54 -0.38	16.09 0.69 0.00	17.81 0.72 0.00	18.34 0.75 0.00	19.42 0.71 0.00	20.23 0.67 0.00	23.41 0.81 0.00	30.94 1.21 0.00	23.18 0.91 0.00	19.69 0.73 0.00	19.48 0.62 0.00	18.32 0.52 0.00
NYPA__HELLGATE_GT2 24159	20.08 0.21 0.00	18.79 0.23 0.00	18.64 0.17 0.00	19.18 0.17 0.00	18.76 0.25 0.00	21.34 0.39 0.00	21.42 0.51 0.00	27.93 1.00 0.00	23.26 0.79 0.00	20.06 0.71 0.00	18.08 0.70 0.00	16.72 0.58 -3.47	12.48 0.54 -0.38	16.09 0.69 0.00	17.81 0.72 0.00	18.34 0.75 0.00	19.42 0.71 0.00	20.23 0.67 0.00	23.41 0.81 0.00	30.94 1.21 0.00	23.18 0.91 0.00	19.69 0.73 0.00	19.48 0.62 0.00	18.32 0.52 0.00
NYS_BARGE__HYD 23848	19.21 -0.66 0.00	17.86 -0.70 0.00	17.78 -0.70 0.00	18.35 -0.66 0.00	17.76 -0.74 0.00	20.29 -0.66 0.00	19.89 -1.02 0.00	24.92 -2.01 0.00	20.81 -1.65 0.00	18.34 -1.01 0.00	16.38 -1.00 0.00	11.93 -0.74 0.00	10.83 -0.74 0.00	14.42 -0.97 0.00	16.04 -1.04 0.00	16.50 -1.10 0.00	17.52 -1.19 0.00	18.20 -1.36 0.00	20.61 -1.99 0.00	26.95 -2.78 0.00	19.94 -2.33 0.00	17.20 -1.76 0.00	17.83 -1.03 0.00	17.21 -0.59 0.00
OAK_ORCHARD__HYD 24046	19.53 -0.34 0.00	18.19 -0.37 0.00	18.10 -0.38 0.00	18.65 -0.36 0.00	18.09 -0.42 0.00	20.60 -0.35 0.00	20.41 -0.50 0.00	25.94 -0.99 0.00	21.62 -0.85 0.00	18.82 -0.53 0.00	16.85 -0.53 0.00	12.27 -0.40 0.00	11.18 -0.39 0.00	14.87 -0.52 0.00	16.55 -0.54 0.00	17.07 -0.53 0.00	18.15 -0.55 0.00	18.90 -0.65 0.00	21.59 -1.01 0.00	28.33 -1.41 0.00	21.06 -1.21 0.00	18.04 -0.91 0.00	18.35 -0.51 0.00	17.47 -0.32 0.00
OAKDALE__35_KV_LOAD 356122	19.86 0.00 0.00	18.50 -0.06 0.00	18.42 -0.06 0.00	18.96 -0.05 0.00	18.45 -0.05 0.00	21.04 0.09 0.00	20.94 0.03 0.00	27.09 0.15 0.00	22.53 0.07 0.00	19.45 0.11 0.00	17.38 0.00 0.00	12.66 -0.01 0.00	11.60 0.03 0.00	15.43 0.04 0.00	17.11 0.03 0.00	17.64 0.04 0.00	18.71 0.01 0.00	19.52 -0.03 0.00	22.59 -0.02 0.00	29.74 0.00 0.00	22.16 -0.11 0.00	18.93 -0.03 0.00	18.88 0.02 0.00	17.72 -0.08 0.00
OCC_CHEM__DRP 24175	18.91 -0.95 0.00	17.60 -0.97 0.00	17.52 -0.96 0.00	18.07 -0.94 0.00	17.49 -1.02 0.00	19.94 -1.01 0.00	19.52 -1.39 0.00	24.28 -2.66 0.00	20.22 -2.24 0.00	17.85 -1.50 0.00	15.95 -1.43 0.00	11.65 -1.02 0.00	10.61 -0.97 0.00	14.12 -1.28 0.00	15.68 -1.41 0.00	16.08 -1.51 0.00	17.06 -1.64 0.00	17.74 -1.81 0.00	20.09 -2.51 0.00	26.23 -3.50 0.00	19.43 -2.84 0.00	16.76 -2.19 0.00	17.44 -1.42 0.00	16.94 -0.85 0.00

OH_GEN_PROXY 24063	19.05 -0.81 0.00	17.73 -0.84 0.00	17.64 -0.84 0.00	18.20 -0.81 0.00	17.46 -0.89 0.16	20.10 -0.85 0.00	19.70 -1.21 0.00	24.71 -2.23 0.00	20.62 -1.84 0.00	18.18 -1.17 0.00	16.29 -1.09 0.00	11.86 -0.81 0.00	10.81 -0.76 0.00	14.40 -0.99 0.00	16.01 -1.08 0.00	16.42 -1.17 0.00	17.41 -1.29 0.00	18.08 -1.48 0.00	20.49 -2.11 0.00	26.79 -2.94 0.00	19.86 -2.41 0.00	17.13 -1.82 0.00	17.72 -1.14 0.00	17.07 -0.73 0.00
OLIN_CORP_DRP 24177	18.93 -0.94 0.00	17.61 -0.96 0.00	17.53 -0.95 0.00	18.08 -0.93 0.00	17.49 -1.01 0.00	19.96 -0.99 0.00	19.54 -1.37 0.00	24.41 -2.53 0.00	20.36 -2.10 0.00	17.97 -1.38 0.00	16.05 -1.33 0.00	11.72 -0.95 0.00	10.66 -0.91 0.00	14.20 -1.20 0.00	15.78 -1.30 0.00	16.19 -1.40 0.00	17.20 -1.51 0.00	17.88 -1.68 0.00	20.24 -2.37 0.00	26.44 -3.29 0.00	19.58 -2.69 0.00	16.89 -2.07 0.00	17.55 -1.31 0.00	16.96 -0.83 0.00
OLIN_CORP_DSASP 323712	18.91 -0.95 0.00	17.60 -0.96 0.00	17.52 -0.96 0.00	18.08 -0.94 0.00	17.49 -1.02 0.00	19.94 -1.01 0.00	19.52 -1.39 0.00	24.27 -2.66 0.00	20.22 -2.24 0.00	17.84 -1.51 0.00	15.98 -1.40 0.00	11.65 -1.02 0.00	10.61 -0.96 0.00	14.12 -1.28 0.00	15.68 -1.40 0.00	16.08 -1.52 0.00	17.06 -1.64 0.00	17.74 -1.81 0.00	20.09 -2.51 0.00	26.23 -3.50 0.00	19.43 -2.84 0.00	16.76 -2.19 0.00	17.43 -1.43 0.00	16.94 -0.86 0.00
ONEIDA_HERK_LFGE 323681	19.88 0.01 0.00	18.67 0.11 0.00	18.64 0.16 0.00	19.20 0.19 0.00	18.75 0.24 0.00	21.33 0.38 0.00	21.39 0.49 0.00	27.60 0.67 0.00	22.94 0.48 0.00	19.58 0.24 0.00	17.48 0.10 0.00	12.73 0.06 0.00	11.62 0.05 0.00	15.45 0.06 0.00	17.19 0.11 0.00	17.71 0.11 0.00	18.93 0.23 0.00	19.93 0.38 0.00	23.06 0.46 0.00	30.41 0.68 0.00	22.68 0.41 0.00	19.19 0.23 0.00	18.93 0.07 0.00	17.82 0.02 0.00
ONEIDA___115KV_TB4 55905	20.23 0.36 0.00	18.90 0.34 0.00	18.83 0.35 0.00	19.39 0.38 0.00	18.89 0.39 0.00	21.49 0.54 0.00	21.53 0.62 0.00	27.87 0.94 0.00	23.19 0.73 0.00	19.80 0.45 0.00	17.65 0.27 0.00	12.84 0.17 0.00	11.73 0.16 0.00	15.61 0.21 0.00	17.30 0.22 0.00	17.81 0.21 0.00	19.06 0.35 0.00	20.04 0.48 0.00	23.19 0.58 0.00	30.57 0.84 0.00	22.82 0.55 0.00	19.39 0.43 0.00	19.26 0.40 0.00	18.11 0.31 0.00
ONONDAGA_REF_OCCRA 23987	19.88 0.02 0.00	18.55 -0.01 0.00	18.47 -0.01 0.00	18.99 -0.02 0.00	18.46 -0.05 0.00	20.94 -0.01 0.00	20.89 -0.02 0.00	26.92 -0.02 0.00	22.41 -0.05 0.00	19.30 -0.05 0.00	17.29 -0.09 0.00	12.60 -0.07 0.00	11.51 -0.06 0.00	15.31 -0.08 0.00	16.98 -0.10 0.00	17.50 -0.10 0.00	18.64 -0.07 0.00	19.47 -0.08 0.00	22.46 -0.14 0.00	29.57 -0.17 0.00	22.07 -0.20 0.00	18.83 -0.12 0.00	18.79 -0.06 0.00	17.70 -0.10 0.00
ONONDAGA___COGEN 23986	19.93 0.06 0.00	18.59 0.03 0.00	18.51 0.04 0.00	19.04 0.03 0.00	18.50 -0.01 0.00	20.98 0.03 0.00	20.92 0.01 0.00	26.94 0.01 0.00	22.43 -0.03 0.00	19.32 -0.03 0.00	17.31 -0.07 0.00	12.62 -0.05 0.00	11.53 -0.04 0.00	15.33 -0.06 0.00	17.00 -0.08 0.00	17.53 -0.07 0.00	18.67 -0.03 0.00	19.50 -0.05 0.00	22.48 -0.12 0.00	29.61 -0.13 0.00	22.09 -0.18 0.00	18.86 -0.09 0.00	18.83 -0.03 0.00	17.74 -0.06 0.00
ONTARIO___LFGE 23819	20.32 0.45 0.00	18.91 0.34 0.00	18.83 0.35 0.00	19.40 0.39 0.00	18.89 0.38 0.00	21.68 0.72 0.00	21.62 0.71 0.00	27.76 0.83 0.00	23.12 0.66 0.00	19.83 0.48 0.00	17.56 0.18 0.00	12.81 0.14 0.00	11.72 0.15 0.00	15.57 0.18 0.00	17.26 0.18 0.00	17.82 0.22 0.00	19.09 0.39 0.00	19.97 0.42 0.00	22.96 0.36 0.00	29.97 0.24 0.00	22.35 0.08 0.00	19.13 0.17 0.00	19.12 0.26 0.00	17.98 0.18 0.00
ORANGEVILLE_WT_PWR 323706	19.42 -0.44 0.00	18.07 -0.50 0.00	17.99 -0.49 0.00	18.55 -0.46 0.00	17.97 -0.54 0.00	20.54 -0.40 0.00	20.16 -0.75 0.00	25.30 -1.63 0.00	21.14 -1.32 0.00	18.63 -0.72 0.00	16.66 -0.72 0.00	12.13 -0.54 0.00	11.05 -0.52 0.00	14.75 -0.65 0.00	16.39 -0.70 0.00	16.82 -0.77 0.00	17.83 -0.88 0.00	18.46 -1.09 0.00	20.75 -1.85 0.00	27.17 -2.56 0.00	20.08 -2.19 0.00	17.32 -1.64 0.00	17.91 -0.95 0.00	17.21 -0.58 0.00
ORANGEVILLE___ESR 323794	19.42 -0.44 0.00	18.07 -0.50 0.00	17.99 -0.49 0.00	18.55 -0.46 0.00	17.97 -0.54 0.00	20.54 -0.40 0.00	20.16 -0.75 0.00	25.30 -1.63 0.00	21.14 -1.32 0.00	18.63 -0.72 0.00	16.66 -0.72 0.00	12.13 -0.54 0.00	11.05 -0.52 0.00	14.75 -0.65 0.00	16.39 -0.70 0.00	16.82 -0.77 0.00	17.83 -0.88 0.00	18.46 -1.09 0.00	20.75 -1.85 0.00	27.17 -2.56 0.00	20.08 -2.19 0.00	17.32 -1.64 0.00	17.91 -0.95 0.00	17.21 -0.58 0.00
OSWEGATCHIE___HYD 24044	19.23 -0.63 0.00	18.15 -0.42 0.00	18.11 -0.37 0.00	18.66 -0.35 0.00	18.22 -0.28 0.00	20.69 -0.26 0.00	20.76 -0.15 0.00	26.64 -0.30 0.00	22.17 -0.29 0.00	18.91 -0.44 0.00	16.84 -0.54 0.00	12.27 -0.40 0.00	11.21 -0.36 0.00	14.90 -0.50 0.00	16.64 -0.44 0.00	17.18 -0.42 0.00	18.40 -0.30 0.00	19.40 -0.15 0.00	22.39 -0.21 0.00	29.45 -0.28 0.00	21.96 -0.31 0.00	18.51 -0.44 0.00	18.21 -0.65 0.00	17.22 -0.58 0.00
OSWEGO___5 23606	19.53 -0.33 0.00	18.24 -0.32 0.00	18.16 -0.31 0.00	18.68 -0.34 0.00	18.13 -0.37 0.00	20.50 -0.46 0.00	20.44 -0.47 0.00	26.30 -0.64 0.00	21.91 -0.55 0.00	18.91 -0.44 0.00	16.99 -0.40 0.00	12.38 -0.29 0.00	11.31 -0.27 0.00	15.04 -0.35 0.00	16.68 -0.40 0.00	17.19 -0.41 0.00	18.27 -0.44 0.00	19.08 -0.47 0.00	22.01 -0.60 0.00	28.94 -0.79 0.00	21.65 -0.62 0.00	18.47 -0.49 0.00	18.42 -0.44 0.00	17.38 -0.42 0.00
OSWEGO___6 23613	19.53 -0.33 0.00	18.24 -0.32 0.00	18.16 -0.31 0.00	18.68 -0.34 0.00	18.13 -0.37 0.00	20.50 -0.46 0.00	20.44 -0.47 0.00	26.30 -0.64 0.00	21.91 -0.55 0.00	18.91 -0.44 0.00	16.99 -0.40 0.00	12.38 -0.29 0.00	11.31 -0.27 0.00	15.04 -0.35 0.00	16.68 -0.40 0.00	17.19 -0.41 0.00	18.27 -0.44 0.00	19.08 -0.47 0.00	22.01 -0.60 0.00	28.94 -0.79 0.00	21.65 -0.62 0.00	18.47 -0.49 0.00	18.42 -0.44 0.00	17.38 -0.42 0.00
OUTOKUMPU-AB___DRP 24206	19.38 -0.48 0.00	18.04 -0.53 0.00	17.96 -0.52 0.00	18.52 -0.49 0.00	17.93 -0.57 0.00	20.49 -0.46 0.00	20.08 -0.82 0.00	25.14 -1.80 0.00	20.97 -1.49 0.00	18.49 -0.86 0.00	16.50 -0.88 0.00	12.04 -0.63 0.00	10.95 -0.63 0.00	14.61 -0.78 0.00	16.22 -0.86 0.00	16.66 -0.93 0.00	17.67 -1.03 0.00	18.37 -1.19 0.00	20.79 -1.82 0.00	27.17 -2.56 0.00	20.10 -2.17 0.00	17.34 -1.62 0.00	17.96 -0.90 0.00	17.36 -0.44 0.00
OXBOW___BTM 323836	19.16 -0.71 0.00	17.82 -0.74 0.00	17.74 -0.74 0.00	18.30 -0.71 0.00	17.71 -0.79 0.00	20.22 -0.73 0.00	19.82 -1.10 0.00	24.73 -2.21 0.00	20.62 -1.84 0.00	18.19 -1.17 0.00	16.27 -1.11 0.00	11.85 -0.82 0.00	10.78 -0.79 0.00	14.37 -1.03 0.00	15.97 -1.12 0.00	16.38 -1.22 0.00	17.38 -1.33 0.00	18.07 -1.49 0.00	20.45 -2.15 0.00	26.73 -3.00 0.00	19.78 -2.49 0.00	17.06 -1.89 0.00	17.70 -1.16 0.00	17.16 -0.64 0.00

OXBOW____ 24026	19.16 -0.71 0.00	17.82 -0.74 0.00	17.74 -0.74 0.00	18.30 -0.71 0.00	17.71 -0.79 0.00	20.22 -0.73 0.00	19.82 -1.10 0.00	24.73 -2.21 0.00	20.62 -1.84 0.00	18.19 -1.16 0.00	16.24 -1.14 0.00	11.85 -0.82 0.00	10.78 -0.79 0.00	14.37 -1.03 0.00	15.96 -1.12 0.00	16.38 -1.21 0.00	17.38 -1.33 0.00	18.07 -1.49 0.00	20.46 -2.15 0.00	26.73 -3.00 0.00	19.78 -2.49 0.00	17.06 -1.89 0.00	17.71 -1.15 0.00	17.16 -0.64 0.00
OXY_CHEM_DSASP 323612	18.91 -0.95 0.00	17.60 -0.97 0.00	17.52 -0.96 0.00	18.07 -0.94 0.00	17.49 -1.02 0.00	19.94 -1.01 0.00	19.52 -1.39 0.00	24.28 -2.66 0.00	20.22 -2.24 0.00	17.85 -1.50 0.00	15.95 -1.43 0.00	11.65 -1.02 0.00	10.61 -0.97 0.00	14.12 -1.28 0.00	15.68 -1.41 0.00	16.08 -1.51 0.00	17.06 -1.64 0.00	17.74 -1.81 0.00	20.09 -2.51 0.00	26.23 -3.50 0.00	19.43 -2.84 0.00	16.76 -2.19 0.00	17.44 -1.42 0.00	16.94 -0.85 0.00
OZONE_PARK_ESR 323760	20.24 0.38 0.00	18.88 0.32 0.00	18.74 0.26 0.00	19.32 0.30 0.00	18.88 0.37 0.00	21.49 0.54 0.00	21.56 0.65 0.00	28.17 1.23 0.00	23.39 0.93 0.00	20.19 0.84 0.00	18.21 0.83 -3.47	16.80 0.66 -0.38	12.57 0.62 0.00	16.20 0.80 0.00	17.94 0.85 0.00	18.47 0.88 0.00	19.58 0.88 0.00	20.37 0.82 0.00	23.59 0.99 0.00	31.18 1.45 0.00	23.33 1.07 0.00	19.81 0.86 0.00	19.62 0.76 0.00	18.42 0.62 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.91 -0.95 0.00	17.60 -0.97 0.00	17.52 -0.96 0.00	18.07 -0.94 0.00	17.49 -1.02 0.00	19.94 -1.01 0.00	19.52 -1.39 0.00	24.28 -2.66 0.00	20.22 -2.24 0.00	17.85 -1.50 0.00	15.95 -1.43 0.00	11.65 -1.02 0.00	10.61 -0.97 0.00	14.12 -1.28 0.00	15.68 -1.41 0.00	16.08 -1.51 0.00	17.06 -1.64 0.00	17.74 -1.81 0.00	20.09 -2.51 0.00	26.23 -3.50 0.00	19.43 -2.84 0.00	16.76 -2.19 0.00	17.44 -1.42 0.00	16.94 -0.85 0.00
PACKARD__115KV_DUPONT_184 80571	18.91 -0.95 0.00	17.60 -0.97 0.00	17.52 -0.96 0.00	18.07 -0.94 0.00	17.49 -1.02 0.00	19.94 -1.01 0.00	19.52 -1.39 0.00	24.28 -2.66 0.00	20.22 -2.24 0.00	17.85 -1.50 0.00	15.95 -1.43 0.00	11.65 -1.02 0.00	10.61 -0.97 0.00	14.12 -1.28 0.00	15.68 -1.41 0.00	16.08 -1.51 0.00	17.06 -1.64 0.00	17.74 -1.81 0.00	20.09 -2.51 0.00	26.23 -3.50 0.00	19.43 -2.84 0.00	16.76 -2.19 0.00	17.44 -1.42 0.00	16.94 -0.85 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.07 0.21 0.00	18.78 0.21 0.00	18.63 0.15 0.00	19.17 0.16 0.00	18.74 0.23 0.00	21.33 0.38 0.00	21.40 0.49 0.00	27.92 0.99 0.00	23.26 0.80 0.00	20.04 0.69 0.00	18.08 0.70 -3.47	16.71 0.57 -0.38	12.48 0.53 0.00	16.08 0.68 0.00	17.81 0.72 0.00	18.32 0.73 0.00	19.42 0.72 0.00	20.23 0.68 0.00	23.42 0.82 0.00	30.96 1.23 0.00	23.18 0.91 0.00	19.67 0.72 0.00	19.47 0.61 0.00	18.30 0.50 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.12 0.25 0.00	18.84 0.27 0.00	18.73 0.25 0.00	19.24 0.23 0.00	18.82 0.31 0.00	21.43 0.48 0.00	21.52 0.62 0.00	28.03 1.10 0.00	23.31 0.85 0.00	20.10 0.75 0.00	18.14 0.76 -3.47	16.73 0.59 -0.38	12.48 0.53 0.00	16.08 0.69 0.00	17.81 0.72 0.00	18.32 0.73 0.00	19.42 0.72 0.00	20.24 0.69 0.00	23.44 0.84 0.00	30.99 1.26 0.00	23.19 0.92 0.00	19.69 0.74 0.00	19.49 0.63 0.00	18.32 0.53 0.00
PATROON__115KV_TB1 80586	20.10 0.23 0.00	18.80 0.24 0.00	18.76 0.28 0.00	19.32 0.30 0.00	18.85 0.35 0.00	21.34 0.39 0.00	21.33 0.43 0.00	27.74 0.80 0.00	23.01 0.55 0.00	19.70 0.35 0.00	17.69 0.31 3.24	9.66 0.23 0.35	11.42 0.20 0.00	15.67 0.27 0.00	17.37 0.29 0.00	17.89 0.30 0.00	19.01 0.31 0.00	19.89 0.34 0.00	23.12 0.52 0.00	30.54 0.81 0.00	22.88 0.61 0.00	19.49 0.53 0.00	19.31 0.45 0.00	18.20 0.40 0.00
PATTRSNVILLE__SOLAR 323815	20.27 0.41 0.00	18.94 0.38 0.00	18.86 0.38 0.00	19.40 0.39 0.00	18.92 0.41 0.00	21.47 0.52 0.00	21.49 0.58 0.00	27.82 0.89 0.00	23.06 0.60 0.00	19.73 0.38 0.00	17.67 0.29 2.30	10.58 0.21 0.25	11.50 0.18 0.00	15.63 0.23 0.00	17.34 0.26 0.00	17.86 0.27 0.00	19.00 0.30 0.00	20.05 0.50 0.00	23.26 0.65 0.00	30.68 0.95 0.00	22.96 0.68 0.00	19.48 0.53 0.00	19.33 0.48 0.00	18.21 0.41 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	19.97 0.10 0.00	18.57 0.01 0.00	18.47 -0.01 0.00	19.05 0.04 0.00	18.45 -0.05 0.00	21.10 0.15 0.00	20.75 -0.16 0.00	26.16 -0.78 0.00	21.86 -0.60 0.00	19.22 -0.12 0.00	17.16 -0.21 0.00	12.52 -0.15 0.00	11.42 -0.15 0.00	15.28 -0.12 0.00	16.96 -0.12 0.00	17.42 -0.18 0.00	18.44 -0.26 0.00	19.10 -0.45 0.00	21.66 -0.95 0.00	28.32 -1.41 0.00	20.96 -1.31 0.00	18.10 -0.85 0.00	18.61 -0.24 0.00	17.85 0.05 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.23 0.36 0.00	18.88 0.31 0.00	18.75 0.27 0.00	19.31 0.30 0.00	18.86 0.36 0.00	21.48 0.53 0.00	21.53 0.62 0.00	28.09 1.16 0.00	23.30 0.84 0.00	20.02 0.67 0.00	18.01 0.63 -3.46	16.60 0.47 -0.37	12.38 0.44 0.00	15.97 0.57 0.00	17.70 0.62 0.00	18.24 0.64 0.00	19.33 0.63 0.00	20.19 0.64 0.00	23.45 0.85 0.00	31.02 1.29 0.00	23.21 0.94 0.00	19.71 0.75 0.00	19.52 0.66 0.00	18.33 0.53 0.00
PEEKSKILL____ 23653	20.05 0.19 0.00	18.71 0.15 0.00	18.57 0.10 0.00	19.13 0.11 0.00	18.69 0.18 0.00	21.29 0.34 0.00	21.31 0.40 0.00	27.81 0.88 0.00	23.06 0.60 0.00	19.87 0.52 0.00	17.90 0.52 -3.40	16.48 0.41 -0.37	12.33 0.39 0.00	15.90 0.51 0.00	17.64 0.55 0.00	18.17 0.58 0.00	19.25 0.54 0.00	20.06 0.51 0.00	23.26 0.66 0.00	30.75 1.02 0.00	23.00 0.73 0.00	19.54 0.58 0.00	19.37 0.51 0.00	18.19 0.40 0.00
PGE MADISON__WINDPWR 24146	21.12 1.26 0.00	19.61 1.05 0.00	19.67 1.19 0.00	20.26 1.25 0.00	19.86 1.35 0.00	22.84 1.89 0.00	22.91 2.00 0.00	29.64 2.70 0.00	24.49 2.03 0.00	20.79 1.44 0.00	18.33 0.95 0.00	13.29 0.62 0.00	12.14 0.57 0.00	16.18 0.78 0.00	17.88 0.80 0.00	18.46 0.87 0.00	19.97 1.26 0.00	21.10 1.54 0.00	24.40 1.80 0.00	32.05 2.32 0.00	23.54 1.27 0.00	19.91 0.96 0.00	19.90 1.04 0.00	18.74 0.94 0.00
PIERCEFIELD__HYD 23852	19.58 -0.28 0.00	18.40 -0.16 0.00	18.28 -0.20 0.00	18.81 -0.20 0.00	18.33 -0.17 0.00	20.72 -0.23 0.00	20.75 -0.16 0.00	26.55 -0.38 0.00	22.18 -0.28 0.00	19.03 -0.32 0.00	17.02 -0.36 0.00	12.38 -0.29 0.00	11.29 -0.28 0.00	15.03 -0.37 0.00	16.75 -0.34 0.00	17.28 -0.32 0.00	18.50 -0.20 0.00	19.45 -0.10 0.00	22.42 -0.18 0.00	29.39 -0.35 0.00	21.99 -0.28 0.00	18.61 -0.34 0.00	18.45 -0.41 0.00	17.51 -0.29 0.00
PINELAWN_CC_1 323563	20.23 0.37 0.00	18.86 0.30 0.00	18.69 0.21 0.00	19.26 0.25 0.00	18.81 0.30 0.00	21.55 0.60 0.00	21.66 0.75 0.00	28.23 1.30 0.00	23.34 0.88 0.00	20.16 0.81 0.00	18.11 0.73 -3.47	16.68 0.54 -0.37	12.41 0.47 0.00	16.03 0.64 0.00	17.84 0.75 0.00	18.33 0.74 0.00	19.47 0.76 0.00	20.33 0.78 0.00	23.67 1.07 0.00	31.31 1.58 0.00	23.41 1.14 0.00	19.92 0.96 0.00	19.73 0.87 0.00	18.53 0.74 0.00

PJM_GEN_HTP_PROXY 323702	20.06 0.19 0.00	18.73 0.16 0.00	18.58 0.10 0.00	19.15 0.14 0.00	18.71 0.21 0.00	21.31 0.36 0.00	21.35 0.44 0.00	27.91 0.98 0.00	23.17 0.70 0.00	20.00 0.65 0.00	18.03 0.65 0.00	16.68 0.54 -3.47	12.46 0.51 -0.38	16.06 0.67 0.00	17.78 0.69 0.00	18.31 0.71 0.00	19.40 0.69 0.00	20.19 0.63 0.00	23.38 0.78 0.00	30.89 1.16 0.00	23.12 0.85 0.00	19.62 0.67 0.00	19.44 0.58 0.00	18.25 0.45 0.00
PJM_GEN_KEystone 24065	19.69 -0.18 0.00	18.35 -0.21 0.00	18.23 -0.25 0.00	18.79 -0.22 0.00	16.84 -0.22 1.45	22.54 -0.05 -1.64	20.74 -0.16 0.00	26.76 -0.18 0.00	20.26 -0.23 1.97	23.37 -0.02 -4.04	17.36 -0.02 0.00	14.56 0.02 -1.87	11.82 0.05 -0.20	15.48 0.09 0.00	17.18 0.10 0.00	17.68 0.09 0.00	21.25 -0.03 -2.58	16.11 -0.20 3.24	22.24 -0.35 0.00	29.34 -0.39 0.00	21.84 -0.43 0.00	18.69 -0.27 0.00	18.78 -0.08 0.00	17.75 -0.05 0.00
PJM_GEN_NEPTUNE_PROXY 323594	20.08 0.21 0.00	18.72 0.16 0.00	18.56 0.08 0.00	19.12 0.11 0.00	18.68 0.17 0.00	21.35 0.40 0.00	21.43 0.52 0.00	27.94 1.00 0.00	23.12 0.66 0.00	19.97 0.62 0.00	17.97 0.60 0.00	16.60 0.46 -3.47	12.36 0.41 -0.37	15.96 0.57 0.00	17.73 0.65 0.00	18.23 0.63 0.00	19.33 0.63 0.00	20.16 0.61 0.00	23.42 0.82 0.00	30.97 1.24 0.00	23.17 0.90 0.00	19.70 0.74 0.00	19.52 0.66 0.00	18.34 0.54 0.00
PJM_GEN_VFT_PROXY 323633	19.95 0.09 0.00	18.64 0.08 0.00	18.49 0.01 0.00	19.05 0.03 0.00	18.62 0.11 0.00	21.19 0.24 0.00	21.23 0.32 0.00	27.73 0.80 0.00	23.03 0.57 0.00	19.88 0.53 0.00	17.93 0.55 0.00	16.61 0.47 -3.47	12.39 0.45 -0.38	15.98 0.58 0.00	17.68 0.60 0.00	18.21 0.61 0.00	19.29 0.59 0.00	20.07 0.51 0.00	23.23 0.63 0.00	30.63 0.97 0.07	22.98 0.71 0.00	19.50 0.54 0.00	19.32 0.46 0.00	18.14 0.35 0.00
PLATSBRG_115KV_PMLD1 355749	20.63 0.77 0.00	19.23 0.67 0.00	19.03 0.55 0.00	19.58 0.57 0.00	19.01 0.50 0.00	21.31 0.36 0.00	21.27 0.36 0.00	27.45 0.52 0.00	22.91 0.45 0.00	19.73 0.38 0.00	17.77 0.39 0.00	12.93 0.26 0.00	11.79 0.21 0.00	15.65 0.25 0.00	17.41 0.32 0.00	17.98 0.39 0.00	19.25 0.54 0.00	20.26 0.71 0.00	23.41 0.81 0.00	30.68 0.95 0.00	22.99 0.72 0.00	19.46 0.50 0.00	19.20 0.34 0.00	18.15 0.36 0.00
PLEASANTVLY___LBMP 24000	19.96 0.10 0.00	18.64 0.08 0.00	18.53 0.05 0.00	19.08 0.07 0.00	18.63 0.12 0.00	21.18 0.22 0.00	21.19 0.27 0.00	27.62 0.68 0.00	22.91 0.45 0.00	19.69 0.34 0.00	17.74 0.36 0.00	16.92 0.28 -3.97	12.26 0.26 -0.43	15.73 0.34 0.00	17.45 0.36 0.00	17.97 0.37 0.00	19.04 0.34 0.00	19.88 0.32 0.00	23.08 0.48 0.00	30.52 0.79 0.00	22.86 0.59 0.00	19.42 0.46 0.00	19.23 0.38 0.00	18.09 0.30 0.00
PLSNTVLE_13_KV_13.8KV DIST 80602	20.07 0.21 0.00	18.75 0.18 0.00	18.62 0.13 0.00	19.17 0.15 0.00	18.72 0.22 0.00	21.33 0.38 0.00	21.35 0.44 0.00	27.87 0.93 0.00	23.11 0.65 0.00	19.91 0.56 0.00	17.94 0.56 0.00	16.62 0.42 -3.53	12.35 0.40 -0.38	15.92 0.52 0.00	17.64 0.56 0.00	18.16 0.57 0.00	19.25 0.55 0.00	20.08 0.53 0.00	23.29 0.69 0.00	30.79 1.06 0.00	23.04 0.77 0.00	19.56 0.61 0.00	19.38 0.52 0.00	18.21 0.42 0.00
PLSNTVLE_13_KV_13KV DISA_REV_LBMP_I 345020	20.07 0.21 0.00	18.75 0.18 0.00	18.62 0.13 0.00	19.17 0.15 0.00	18.72 0.22 0.00	21.33 0.38 0.00	21.35 0.44 0.00	27.87 0.93 0.00	23.11 0.65 0.00	19.91 0.56 0.00	17.94 0.56 0.00	16.62 0.42 -3.53	12.35 0.40 -0.38	15.92 0.52 0.00	17.64 0.56 0.00	18.16 0.57 0.00	19.25 0.55 0.00	20.08 0.53 0.00	23.29 0.69 0.00	30.79 1.06 0.00	23.04 0.77 0.00	19.56 0.61 0.00	19.38 0.52 0.00	18.21 0.42 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.14 0.28 0.00	18.80 0.23 0.00	18.68 0.21 0.00	19.24 0.23 0.00	18.79 0.28 0.00	21.37 0.42 0.00	21.41 0.50 0.00	27.91 0.97 0.00	23.15 0.69 0.00	19.86 0.51 0.00	17.85 0.47 0.00	16.39 0.35 -3.37	12.26 0.32 -0.37	15.81 0.41 0.00	17.53 0.45 0.00	18.06 0.47 0.00	19.16 0.46 0.00	20.04 0.49 0.00	23.30 0.70 0.00	30.84 1.11 0.00	23.08 0.82 0.00	19.61 0.65 0.00	19.42 0.56 0.00	18.25 0.46 0.00
POLETTI____ 23519	20.04 0.17 0.00	18.71 0.15 0.00	18.57 0.09 0.00	19.13 0.12 0.00	18.70 0.19 0.00	21.28 0.33 0.00	21.33 0.42 0.00	27.86 0.92 0.00	23.13 0.67 0.00	19.97 0.62 0.00	18.02 0.64 0.00	16.68 0.54 -3.47	12.45 0.51 -0.38	16.06 0.66 0.00	17.76 0.68 0.00	18.28 0.69 0.00	19.38 0.67 0.00	20.16 0.61 0.00	23.35 0.74 0.00	30.83 1.10 0.00	23.08 0.81 0.00	19.60 0.64 0.00	19.40 0.54 0.00	18.22 0.42 0.00
POMONA___ESR 323819	20.09 0.22 0.00	18.74 0.17 0.00	18.60 0.12 0.00	19.16 0.14 0.00	18.71 0.20 0.00	21.33 0.38 0.00	21.35 0.44 0.00	27.84 0.91 0.00	23.09 0.63 0.00	19.91 0.56 0.00	17.93 0.55 0.00	16.33 0.43 -3.24	12.32 0.40 -0.35	15.93 0.53 0.00	17.68 0.59 0.00	18.21 0.61 0.00	19.29 0.59 0.00	20.09 0.54 0.00	23.30 0.69 0.00	30.80 1.07 0.00	23.03 0.76 0.00	19.55 0.60 0.00	19.40 0.54 0.00	18.21 0.42 0.00
PORT_JEFF_3 23555	20.23 0.36 0.00	18.85 0.29 0.00	18.67 0.19 0.00	19.23 0.22 0.00	18.78 0.27 0.00	21.60 0.65 0.00	21.73 0.81 0.00	28.31 1.37 0.00	23.33 0.87 0.00	20.17 0.82 0.00	18.11 0.73 0.00	16.67 0.53 -3.47	12.40 0.45 -0.37	16.04 0.64 0.00	17.85 0.77 0.00	18.32 0.72 0.00	19.46 0.75 0.00	20.37 0.82 0.00	23.79 1.19 0.00	31.46 1.73 0.00	23.49 1.22 0.00	19.97 1.02 0.00	19.77 0.91 0.00	18.63 0.83 0.00
PORT_JEFF_4 23616	20.23 0.36 0.00	18.85 0.29 0.00	18.67 0.19 0.00	19.23 0.22 0.00	18.78 0.27 0.00	21.60 0.65 0.00	21.73 0.81 0.00	28.31 1.37 0.00	23.33 0.87 0.00	20.17 0.82 0.00	18.11 0.73 0.00	16.67 0.53 -3.47	12.40 0.45 -0.37	16.04 0.64 0.00	17.85 0.77 0.00	18.32 0.72 0.00	19.46 0.75 0.00	20.37 0.82 0.00	23.79 1.19 0.00	31.46 1.73 0.00	23.49 1.22 0.00	19.97 1.02 0.00	19.77 0.91 0.00	18.63 0.83 0.00
PORT_JEFF_IC 23713	20.23 0.36 0.00	18.85 0.28 0.00	18.67 0.19 0.00	19.23 0.22 0.00	18.78 0.27 0.00	21.61 0.65 0.00	21.74 0.82 0.00	28.32 1.39 0.00	23.33 0.87 0.00	20.17 0.82 0.00	18.11 0.74 0.00	16.67 0.53 -3.47	12.39 0.44 -0.37	16.03 0.64 0.00	17.85 0.76 0.00	18.31 0.71 0.00	19.45 0.75 0.00	20.38 0.82 0.00	23.81 1.20 0.00	31.47 1.74 0.00	23.50 1.23 0.00	19.98 1.03 0.00	19.77 0.91 0.00	18.63 0.84 0.00
PPL PILGRIM_ST_GT1 24216	20.35 0.48 0.00	18.96 0.39 0.00	18.78 0.30 0.00	19.34 0.33 0.00	18.89 0.38 0.00	21.69 0.73 0.00	21.79 0.88 0.00	28.39 1.46 0.00	23.44 0.98 0.00	20.27 0.92 0.00	18.21 0.83 0.00	16.75 0.61 -3.47	12.48 0.53 -0.37	16.14 0.75 0.00	17.95 0.87 0.00	18.43 0.84 0.00	19.57 0.86 0.00	20.45 0.90 0.00	23.83 1.23 0.00	31.50 1.77 0.00	23.55 1.28 0.00	20.04 1.08 0.00	19.84 0.99 0.00	18.67 0.87 0.00

PPL PILGRIM_ST_GT2 24217	20.35 0.48 0.00	18.96 0.39 0.00	18.78 0.30 0.00	19.34 0.33 0.00	18.89 0.38 0.00	21.69 0.73 0.00	21.79 0.88 0.00	28.39 1.46 0.00	23.44 0.98 0.00	20.27 0.92 0.00	18.21 0.83 0.00	16.75 0.61 -3.47	12.48 0.53 -0.37	16.14 0.75 0.00	17.95 0.87 0.00	18.43 0.84 0.00	19.57 0.86 0.00	20.45 0.90 0.00	23.83 1.23 0.00	31.50 1.77 0.00	23.55 1.28 0.00	20.04 1.08 0.00	19.84 0.99 0.00	18.67 0.87 0.00
PPL_SHRM_GT3 24213	20.04 0.18 0.00	18.66 0.10 0.00	18.48 0.00 0.00	19.03 0.02 0.00	18.59 0.09 0.00	21.50 0.55 0.00	21.65 0.74 0.00	28.22 1.28 0.00	23.14 0.68 0.00	20.01 0.66 0.00	17.93 0.55 0.00	16.53 0.39 -3.47	12.26 0.31 -0.37	15.89 0.50 0.00	17.69 0.61 0.00	18.12 0.52 0.00	19.25 0.55 0.00	20.24 0.69 0.00	23.77 1.16 0.00	31.40 1.67 0.00	23.38 1.11 0.00	19.87 0.91 0.00	19.63 0.77 0.00	18.57 0.78 0.00
PPL_SHRM_GT4 24214	20.04 0.18 0.00	18.66 0.10 0.00	18.48 0.00 0.00	19.03 0.02 0.00	18.59 0.09 0.00	21.50 0.55 0.00	21.65 0.74 0.00	28.22 1.28 0.00	23.14 0.68 0.00	20.01 0.66 0.00	17.93 0.55 0.00	16.53 0.39 -3.47	12.26 0.31 -0.37	15.89 0.50 0.00	17.69 0.61 0.00	18.12 0.52 0.00	19.25 0.55 0.00	20.24 0.69 0.00	23.77 1.16 0.00	31.40 1.67 0.00	23.38 1.11 0.00	19.87 0.91 0.00	19.63 0.77 0.00	18.57 0.78 0.00
PROJECT___ORANGE 1 24174	19.77 -0.10 0.00	18.45 -0.12 0.00	18.37 -0.11 0.00	18.89 -0.12 0.00	18.34 -0.17 0.00	20.79 -0.16 0.00	20.73 -0.17 0.00	26.70 -0.24 0.00	22.24 -0.22 0.00	19.17 -0.17 0.00	17.19 -0.18 0.00	12.54 -0.13 0.00	11.45 -0.12 0.00	15.23 -0.16 0.00	16.89 -0.19 0.00	17.41 -0.18 0.00	18.53 -0.18 0.00	19.35 -0.21 0.00	22.29 -0.31 0.00	29.33 -0.40 0.00	21.90 -0.37 0.00	18.70 -0.26 0.00	18.67 -0.19 0.00	17.59 -0.21 0.00
PROJECT___ORANGE 2 24166	19.77 -0.10 0.00	18.45 -0.12 0.00	18.37 -0.11 0.00	18.89 -0.12 0.00	18.34 -0.17 0.00	20.79 -0.16 0.00	20.73 -0.17 0.00	26.70 -0.24 0.00	22.24 -0.22 0.00	19.17 -0.17 0.00	17.19 -0.18 0.00	12.54 -0.13 0.00	11.45 -0.12 0.00	15.23 -0.16 0.00	16.89 -0.19 0.00	17.41 -0.18 0.00	18.53 -0.18 0.00	19.35 -0.21 0.00	22.29 -0.31 0.00	29.33 -0.40 0.00	21.90 -0.37 0.00	18.70 -0.26 0.00	18.67 -0.19 0.00	17.59 -0.21 0.00
PUCKETT___SOLAR 323809	20.14 0.27 0.00	18.73 0.16 0.00	18.70 0.22 0.00	19.25 0.24 0.00	18.76 0.25 0.00	21.44 0.49 0.00	21.38 0.47 0.00	27.67 0.74 0.00	22.96 0.50 0.00	19.70 0.35 0.00	17.52 0.14 0.00	12.73 0.07 0.00	11.67 0.10 0.00	15.53 0.13 0.00	17.19 0.11 0.00	17.72 0.12 0.00	18.92 0.21 0.00	19.84 0.29 0.00	23.00 0.40 0.00	30.24 0.51 0.00	22.46 0.19 0.00	19.08 0.13 0.00	19.04 0.18 0.00	17.91 0.11 0.00
PYRITES___HYD 24023	20.15 0.29 0.00	18.90 0.33 0.00	18.78 0.30 0.00	19.33 0.31 0.00	18.83 0.32 0.00	21.30 0.35 0.00	21.35 0.44 0.00	27.29 0.35 0.00	22.76 0.30 0.00	19.47 0.12 0.00	17.39 0.01 0.00	12.64 -0.03 0.00	11.52 -0.06 0.00	15.32 -0.07 0.00	17.12 0.04 0.00	17.73 0.13 0.00	19.00 0.29 0.00	20.01 0.46 0.00	23.05 0.45 0.00	30.21 0.48 0.00	22.59 0.31 0.00	19.13 0.18 0.00	19.00 0.14 0.00	18.03 0.23 0.00
QUAKERRD_115KV_BK1 80622	19.10 -0.76 0.00	17.81 -0.75 0.00	17.72 -0.75 0.00	18.25 -0.76 0.00	17.71 -0.80 0.00	20.13 -0.82 0.00	19.98 -0.93 0.00	25.48 -1.45 0.00	21.22 -1.25 0.00	18.43 -0.92 0.00	16.51 -0.87 0.00	12.03 -0.64 0.00	10.96 -0.61 0.00	14.58 -0.81 0.00	16.22 -0.87 0.00	16.73 -0.87 0.00	17.80 -0.91 0.00	18.56 -1.00 0.00	21.25 -1.36 0.00	27.89 -1.84 0.00	20.76 -1.51 0.00	17.76 -1.19 0.00	17.97 -0.89 0.00	17.08 -0.72 0.00
QUENSBRY_115KV_TB8 356137	20.25 0.38 0.00	18.93 0.37 0.00	18.84 0.36 0.00	19.39 0.38 0.00	18.98 0.47 0.00	21.58 0.63 0.00	21.69 0.78 0.00	28.29 1.36 0.00	23.51 1.04 0.00	19.96 0.61 0.00	17.76 0.38 0.00	9.77 0.20 3.10	11.43 0.19 0.33	15.62 0.22 0.00	17.32 0.24 0.00	17.87 0.28 0.00	19.07 0.37 0.00	20.19 0.63 0.00	23.63 1.03 0.00	31.25 1.52 0.00	23.37 1.10 0.00	19.79 0.83 0.00	19.53 0.67 0.00	18.36 0.56 0.00
RAMAPO___LBMP 323565	20.03 0.16 0.00	18.68 0.12 0.00	18.55 0.07 0.00	19.11 0.10 0.00	18.66 0.15 0.00	21.27 0.32 0.00	21.27 0.37 0.00	27.75 0.81 0.00	23.01 0.55 0.00	19.83 0.49 0.00	17.87 0.49 0.00	16.26 0.38 -3.22	12.27 0.36 -0.35	15.86 0.47 0.00	17.61 0.53 0.00	18.14 0.54 0.00	19.21 0.51 0.00	20.01 0.45 0.00	23.21 0.60 0.00	30.69 0.96 0.00	22.94 0.67 0.00	19.48 0.52 0.00	19.32 0.46 0.00	18.15 0.36 0.00
RANKINE____ 23646	19.62 -0.24 0.00	18.25 -0.31 0.00	18.16 -0.32 0.00	18.73 -0.28 0.00	18.14 -0.37 0.00	20.74 -0.21 0.00	20.36 -0.55 0.00	25.61 -1.32 0.00	21.39 -1.07 0.00	18.85 -0.50 0.00	16.81 -0.57 0.00	12.27 -0.40 0.00	11.18 -0.40 0.00	14.93 -0.47 0.00	16.58 -0.51 0.00	17.02 -0.58 0.00	18.03 -0.68 0.00	18.69 -0.86 0.00	21.15 -1.45 0.00	27.66 -2.08 0.00	20.44 -1.83 0.00	17.63 -1.32 0.00	18.18 -0.67 0.00	17.51 -0.29 0.00
RAVENSWOOD_GT2_1 24244	20.07 0.20 0.00	18.73 0.17 0.00	18.59 0.11 0.00	19.15 0.14 0.00	18.72 0.21 0.00	21.31 0.36 0.00	21.35 0.44 0.00	27.89 0.96 0.00	23.17 0.71 0.00	20.00 0.64 0.00	18.04 0.66 0.00	16.68 0.54 -3.47	12.45 0.51 -0.38	16.06 0.66 0.00	17.78 0.69 0.00	18.30 0.70 0.00	19.39 0.69 0.00	20.19 0.63 0.00	23.39 0.78 0.00	30.89 1.16 0.00	23.12 0.85 0.00	19.63 0.67 0.00	19.44 0.58 0.00	18.25 0.46 0.00
RAVENSWOOD_GT2_2 24245	20.07 0.20 0.00	18.73 0.17 0.00	18.59 0.11 0.00	19.15 0.14 0.00	18.72 0.21 0.00	21.31 0.36 0.00	21.35 0.44 0.00	27.89 0.96 0.00	23.17 0.71 0.00	20.00 0.64 0.00	18.04 0.66 0.00	16.68 0.54 -3.47	12.45 0.51 -0.38	16.06 0.66 0.00	17.78 0.69 0.00	18.30 0.70 0.00	19.39 0.69 0.00	20.19 0.63 0.00	23.39 0.78 0.00	30.89 1.16 0.00	23.12 0.85 0.00	19.63 0.67 0.00	19.44 0.58 0.00	18.25 0.46 0.00
RAVENSWOOD_GT2_3 24246	20.07 0.21 0.00	18.74 0.17 0.00	18.60 0.12 0.00	19.16 0.14 0.00	18.72 0.22 0.00	21.32 0.37 0.00	21.37 0.46 0.00	27.91 0.98 0.00	23.19 0.72 0.00	20.01 0.66 0.00	18.05 0.67 0.00	16.68 0.54 -3.47	12.46 0.52 -0.38	16.06 0.67 0.00	17.78 0.70 0.00	18.31 0.71 0.00	19.40 0.70 0.00	20.20 0.64 0.00	23.39 0.79 0.00	30.91 1.17 0.00	23.13 0.86 0.00	19.64 0.68 0.00	19.45 0.59 0.00	18.26 0.46 0.00
RAVENSWOOD_GT2_4 24247	20.07 0.21 0.00	18.74 0.17 0.00	18.60 0.12 0.00	19.16 0.14 0.00	18.72 0.22 0.00	21.32 0.37 0.00	21.37 0.46 0.00	27.91 0.98 0.00	23.19 0.72 0.00	20.01 0.66 0.00	18.05 0.67 0.00	16.68 0.54 -3.47	12.46 0.52 -0.38	16.06 0.67 0.00	17.78 0.70 0.00	18.31 0.71 0.00	19.40 0.70 0.00	20.20 0.64 0.00	23.39 0.79 0.00	30.91 1.17 0.00	23.13 0.86 0.00	19.64 0.68 0.00	19.45 0.59 0.00	18.26 0.46 0.00

RAVENSWOOD_GT3_1 24248	20.07 0.21 0.00	18.73 0.17 0.00	18.59 0.11 0.00	19.15 0.14 0.00	18.72 0.21 0.00	21.31 0.36 0.00	21.35 0.44 0.00	27.89 0.96 0.00	23.17 0.71 0.00	20.00 0.64 0.00	18.04 0.66 0.00	16.68 0.54 -3.47	12.45 0.51 -0.38	16.06 0.66 0.00	17.78 0.69 0.00	18.30 0.70 0.00	19.39 0.69 0.00	20.19 0.63 0.00	23.39 0.78 0.00	30.90 1.16 0.00	23.12 0.85 0.00	19.63 0.67 0.00	19.44 0.58 0.00	18.25 0.46 0.00
RAVENSWOOD_GT3_2 24249	20.07 0.21 0.00	18.73 0.17 0.00	18.59 0.11 0.00	19.15 0.14 0.00	18.72 0.21 0.00	21.31 0.36 0.00	21.35 0.44 0.00	27.89 0.96 0.00	23.17 0.71 0.00	20.00 0.64 0.00	18.04 0.66 0.00	16.68 0.54 -3.47	12.45 0.51 -0.38	16.06 0.66 0.00	17.78 0.69 0.00	18.30 0.70 0.00	19.39 0.69 0.00	20.19 0.63 0.00	23.39 0.78 0.00	30.90 1.16 0.00	23.12 0.85 0.00	19.63 0.67 0.00	19.44 0.58 0.00	18.25 0.46 0.00
RAVENSWOOD_GT3_3 24250	20.09 0.23 0.00	18.76 0.19 0.00	18.61 0.13 0.00	19.17 0.16 0.00	18.74 0.23 0.00	21.34 0.39 0.00	21.39 0.48 0.00	27.94 1.01 0.00	23.21 0.75 0.00	20.03 0.68 0.00	18.07 0.69 0.00	16.70 0.56 -3.47	12.47 0.53 -0.38	16.08 0.69 0.00	17.80 0.72 0.00	18.33 0.73 0.00	19.42 0.72 0.00	20.22 0.66 0.00	23.41 0.81 0.00	30.94 1.21 0.00	23.15 0.88 0.00	19.65 0.70 0.00	19.47 0.61 0.00	18.28 0.48 0.00
RAVENSWOOD_GT3_4 24251	20.09 0.23 0.00	18.76 0.19 0.00	18.61 0.13 0.00	19.17 0.16 0.00	18.74 0.23 0.00	21.34 0.39 0.00	21.39 0.48 0.00	27.94 1.01 0.00	23.21 0.75 0.00	20.03 0.68 0.00	18.07 0.69 0.00	16.70 0.56 -3.47	12.47 0.53 -0.38	16.08 0.69 0.00	17.80 0.72 0.00	18.33 0.73 0.00	19.42 0.72 0.00	20.22 0.66 0.00	23.41 0.81 0.00	30.94 1.21 0.00	23.15 0.88 0.00	19.65 0.70 0.00	19.47 0.61 0.00	18.28 0.48 0.00
RAVENSWOOD_GT_1 23729	20.10 0.24 0.00	18.76 0.20 0.00	18.62 0.14 0.00	19.17 0.15 0.00	18.74 0.23 0.00	21.34 0.39 0.00	21.40 0.49 0.00	27.96 1.03 0.00	23.27 0.81 0.00	20.07 0.72 0.00	18.11 0.73 0.00	16.74 0.60 -3.47	12.52 0.57 -0.38	16.13 0.73 0.00	17.84 0.76 0.00	18.37 0.77 0.00	19.47 0.76 0.00	20.26 0.71 0.00	23.47 0.86 0.00	31.00 1.27 0.00	23.19 0.92 0.00	19.68 0.72 0.00	19.48 0.62 0.00	18.29 0.50 0.00
RAVENSWOOD_GT_10 24258	20.07 0.21 0.00	18.73 0.17 0.00	18.59 0.11 0.00	19.15 0.14 0.00	18.72 0.21 0.00	21.31 0.36 0.00	21.35 0.44 0.00	27.89 0.96 0.00	23.17 0.71 0.00	20.00 0.64 0.00	18.03 0.65 0.00	16.68 0.54 -3.47	12.45 0.51 -0.38	16.06 0.66 0.00	17.78 0.69 0.00	18.30 0.70 0.00	19.39 0.69 0.00	20.19 0.63 0.00	23.39 0.78 0.00	30.89 1.16 0.00	23.12 0.85 0.00	19.63 0.67 0.00	19.44 0.58 0.00	18.25 0.46 0.00
RAVENSWOOD_GT_11 24259	20.07 0.21 0.00	18.73 0.17 0.00	18.59 0.11 0.00	19.15 0.14 0.00	18.72 0.21 0.00	21.31 0.36 0.00	21.35 0.44 0.00	27.89 0.96 0.00	23.17 0.71 0.00	20.00 0.64 0.00	18.03 0.65 0.00	16.68 0.54 -3.47	12.45 0.51 -0.38	16.06 0.66 0.00	17.78 0.69 0.00	18.30 0.70 0.00	19.39 0.69 0.00	20.19 0.63 0.00	23.39 0.78 0.00	30.89 1.16 0.00	23.12 0.85 0.00	19.63 0.67 0.00	19.44 0.58 0.00	18.25 0.46 0.00
RAVENSWOOD_GT_4 24252	20.07 0.21 0.00	18.74 0.17 0.00	18.60 0.12 0.00	19.16 0.14 0.00	18.72 0.22 0.00	21.32 0.37 0.00	21.36 0.45 0.00	27.90 0.97 0.00	23.17 0.71 0.00</															

RAVENSWOOD___3 23535	20.07 0.21 0.00	18.73 0.17 0.00	18.59 0.11 0.00	19.16 0.14 0.00	18.72 0.21 0.00	21.31 0.36 0.00	21.35 0.45 0.00	27.90 0.96 0.00	23.18 0.72 0.00	20.00 0.65 0.00	18.03 0.65 0.00	16.68 0.54 -3.47	12.45 0.51 -0.38	16.06 0.66 0.00	17.78 0.69 0.00	18.31 0.71 0.00	19.40 0.69 0.00	20.19 0.63 0.00	23.39 0.79 0.00	30.90 1.16 0.00	23.12 0.85 0.00	19.62 0.67 0.00	19.44 0.58 0.00	18.25 0.46 0.00
RAVENSWOOD___4 23820	20.06 0.19 0.00	18.72 0.16 0.00	18.58 0.10 0.00	19.14 0.12 0.00	18.70 0.20 0.00	21.30 0.35 0.00	21.36 0.45 0.00	27.90 0.97 0.00	23.22 0.76 0.00	20.03 0.68 0.00	18.06 0.68 0.00	16.71 0.57 -3.47	12.49 0.54 -0.38	16.09 0.70 0.00	17.80 0.72 0.00	18.34 0.74 0.00	19.42 0.72 0.00	20.22 0.67 0.00	23.41 0.81 0.00	30.94 1.20 0.00	23.14 0.87 0.00	19.64 0.69 0.00	19.45 0.59 0.00	18.26 0.47 0.00
RCPL_TRUST___DRP 24196	20.08 0.21 0.00	18.75 0.18 0.00	18.60 0.12 0.00	19.17 0.15 0.00	18.73 0.23 0.00	21.33 0.38 0.00	21.37 0.46 0.00	27.94 1.01 0.00	23.20 0.73 0.00	20.02 0.67 0.00	18.07 0.69 0.00	16.70 0.56 -3.47	12.48 0.53 -0.38	16.09 0.70 0.00	17.81 0.72 0.00	18.33 0.74 0.00	19.43 0.72 0.00	20.22 0.66 0.00	23.41 0.81 0.00	30.93 1.20 0.00	23.14 0.87 0.00	19.64 0.69 0.00	19.45 0.59 0.00	18.26 0.47 0.00
RED___ROCHESTER 323720	19.61 -0.25 0.00	18.26 -0.30 0.00	18.17 -0.31 0.00	18.72 -0.29 0.00	18.16 -0.34 0.00	20.69 -0.26 0.00	20.51 -0.41 0.00	26.08 -0.86 0.00	21.73 -0.73 0.00	18.91 -0.44 0.00	16.93 -0.45 0.00	12.32 -0.34 0.00	11.23 -0.34 0.00	14.95 -0.45 0.00	16.63 -0.45 0.00	17.16 -0.44 0.00	18.25 -0.45 0.00	19.01 -0.54 0.00	21.72 -0.88 0.00	28.50 -1.23 0.00	21.19 -1.08 0.00	18.15 -0.80 0.00	18.45 -0.41 0.00	17.56 -0.24 0.00
REGAN___SOLAR 323812	21.62 1.76 0.00	20.16 1.60 0.00	20.07 1.59 0.00	20.63 1.61 0.00	20.10 1.60 0.00	22.93 1.98 0.00	23.12 2.21 0.00	29.86 2.92 0.00	24.57 2.11 0.00	20.92 1.57 0.00	18.51 1.13 0.00	11.48 0.76 1.95	12.00 0.64 0.21	16.22 0.83 0.00	18.00 0.91 0.00	18.57 0.97 0.00	19.89 1.19 0.00	21.39 1.84 0.00	24.89 2.29 0.00	32.88 3.15 0.00	24.55 2.28 0.00	20.67 1.71 0.00	20.50 1.64 0.00	19.25 1.45 0.00
RENSSELAER___COGEN 23796	19.97 0.10 0.00	18.69 0.13 0.00	18.66 0.18 0.00	19.22 0.21 0.00	18.76 0.25 0.00	21.23 0.28 0.00	21.21 0.30 0.00	27.57 0.63 0.00	22.86 0.40 0.00	19.58 0.23 0.00	17.59 0.21 0.00	9.71 0.16 3.12	11.37 0.14 0.34	15.58 0.18 0.00	17.27 0.19 0.00	17.79 0.19 0.00	18.89 0.18 0.00	19.76 0.21 0.00	22.97 0.37 0.00	30.36 0.62 0.00	22.74 0.47 0.00	19.37 0.42 0.00	19.20 0.35 0.00	18.10 0.30 0.00
REPUBLIC_115KV_BARTNBRK 55605	20.63 0.77 0.00	19.32 0.76 0.00	19.21 0.73 0.00	19.76 0.75 0.00	19.43 0.93 0.00	22.14 1.19 0.00	22.35 1.44 0.00	29.39 2.46 0.00	24.51 2.05 0.00	20.60 1.25 0.00	18.18 0.80 0.00	9.91 0.38 3.14	11.58 0.34 0.34	15.86 0.47 0.00	17.59 0.51 0.00	18.17 0.57 0.00	19.46 0.75 0.00	20.80 1.25 0.00	24.61 2.00 0.00	32.56 2.82 0.00	24.33 2.06 0.00	20.50 1.54 0.00	20.11 1.25 0.00	18.90 1.10 0.00
REVERE_CPPR_DRP 24186	20.34 0.47 0.00	19.03 0.47 0.00	18.97 0.48 0.00	19.53 0.52 0.00	19.05 0.54 0.00	21.69 0.73 0.00	21.76 0.85 0.00	28.13 1.19 0.00	23.39 0.93 0.00	19.93 0.58 0.00	17.76 0.38 0.00	12.91 0.24 0.00	11.78 0.21 0.00	15.69 0.30 0.00	17.41 0.33 0.00	17.92 0.33 0.00	19.21 0.51 0.00	20.26 0.71 0.00	23.45 0.84 0.00	30.93 1.19 0.00	23.06 0.79 0.00	19.56 0.60 0.00	19.39 0.52 0.00	18.21 0.41 0.00
REYNOLDS_115KV_TB3 80639	19.96 0.09 0.00	18.67 0.11 0.00	18.62 0.14 0.00	19.16 0.15 0.00	18.71 0.20 0.00	21.17 0.22 0.00	21.14 0.22 0.00	27.49 0.55 0.00	22.80 0.34 0.00	19.51 0.16 0.00	17.53 0.15 0.00	9.18 0.12 3.61	11.28 0.10 0.39	15.53 0.13 0.00	17.22 0.14 0.00	17.73 0.13 0.00	18.82 0.12 0.00	19.68 0.13 0.00	22.89 0.28 0.00	30.24 0.51 0.00	22.67 0.40 0.00	19.32 0.36 0.00	19.14 0.28 0.00	18.06 0.26 0.00
RIVERBAY____ 323610	20.12 0.25 0.00	18.84 0.27 0.00	18.73 0.25 0.00	19.24 0.23 0.00	18.82 0.31 0.00	21.43 0.48 0.00	21.52 0.62 0.00	28.03 1.10 0.00	23.31 0.85 0.00	20.10 0.75 0.00	18.14 0.76 0.00	16.73 0.59 -3.47	12.48 0.53 -0.38	16.08 0.69 0.00	17.81 0.72 0.00	18.32 0.73 0.00	19.42 0.72 0.00	20.24 0.69 0.00	23.44 0.84 0.00	30.99 1.26 0.00	23.19 0.92 0.00	19.69 0.74 0.00	19.49 0.63 0.00	18.32 0.53 0.00
RIVERSDE_115KV_TB3 55908	20.01 0.14 0.00	18.72 0.16 0.00	18.67 0.19 0.00	19.22 0.21 0.00	18.76 0.26 0.00	21.23 0.28 0.00	21.21 0.30 0.00	27.57 0.64 0.00	22.87 0.41 0.00	19.58 0.24 0.00	17.59 0.21 0.00	9.49 0.17 3.34	11.35 0.14 0.36	15.58 0.19 0.00	17.28 0.20 0.00	17.79 0.20 0.00	18.89 0.19 0.00	19.77 0.21 0.00	22.98 0.37 0.00	30.36 0.62 0.00	22.75 0.48 0.00	19.38 0.42 0.00	19.21 0.35 0.00	18.11 0.31 0.00
ROARING___BROOK_WT_PWR 323790	19.65 -0.22 0.00	18.46 -0.11 0.00	18.45 -0.03 0.00	19.02 0.01 0.00	18.52 0.01 0.00	20.95 0.00 0.00	20.91 0.00 0.00	26.87 -0.06 0.00	22.43 -0.03 0.00	19.36 0.01 0.00	17.39 0.01 0.00	12.67 0.00 0.00	11.57 0.00 0.00	15.40 0.00 0.00	17.09 0.01 0.00	17.61 0.01 0.00	18.73 0.02 0.00	19.58 0.03 0.00	22.62 0.01 0.00	29.72 -0.02 0.00	22.24 -0.03 0.00	18.74 -0.21 0.00	18.59 -0.27 0.00	17.60 -0.20 0.00
ROCHESRG_115KV_T4 355643	19.44 -0.42 0.00	18.12 -0.45 0.00	18.02 -0.45 0.00	18.57 -0.44 0.00	18.01 -0.49 0.00	20.50 -0.45 0.00	20.30 -0.61 0.00	25.80 -1.14 0.00	21.50 -0.97 0.00	18.73 -0.62 0.00	16.75 -0.62 0.00	12.21 -0.46 0.00	11.13 -0.44 0.00	14.81 -0.58 0.00	16.48 -0.61 0.00	16.99 -0.61 0.00	18.05 -0.65 0.00	18.80 -0.75 0.00	21.48 -1.13 0.00	28.17 -1.56 0.00	20.95 -1.32 0.00	17.96 -1.00 0.00	18.26 -0.60 0.00	17.40 -0.40 0.00
ROCHESTER_9_IC 23652	19.54 -0.33 0.00	18.20 -0.36 0.00	18.11 -0.37 0.00	18.66 -0.35 0.00	18.10 -0.40 0.00	20.62 -0.34 0.00	20.42 -0.49 0.00	25.96 -0.97 0.00	21.63 -0.83 0.00	18.84 -0.51 0.00	16.85 -0.54 0.00	12.28 -0.39 0.00	11.19 -0.38 0.00	14.89 -0.51 0.00	16.56 -0.52 0.00	17.09 -0.51 0.00	18.17 -0.53 0.00	18.92 -0.64 0.00	21.61 -0.99 0.00	28.35 -1.38 0.00	21.08 -1.19 0.00	18.06 -0.89 0.00	18.37 -0.49 0.00	17.49 -0.31 0.00
ROCKVIEW_13_KV_LD 356306	20.14 0.28 0.00	18.78 0.22 0.00	18.65 0.17 0.00	19.20 0.19 0.00	18.76 0.25 0.00	21.37 0.42 0.00	21.41 0.50 0.00	27.96 1.03 0.00	23.20 0.73 0.00	20.00 0.65 0.00	18.02 0.64 0.00	16.64 0.50 -3.47	12.41 0.47 -0.38	16.01 0.61 0.00	17.75 0.66 0.00	18.26 0.67 0.00	19.36 0.66 0.00	20.18 0.62 0.00	23.40 0.79 0.00	30.93 1.19 0.00	23.14 0.87 0.00	19.65 0.70 0.00	19.48 0.62 0.00	18.28 0.49 0.00

ROME____115KV_TB2 80656	20.34 0.47 0.00	19.03 0.47 0.00	18.97 0.48 0.00	19.53 0.52 0.00	19.05 0.54 0.00	21.69 0.73 0.00	21.76 0.85 0.00	28.13 1.19 0.00	23.39 0.93 0.00	19.93 0.58 0.00	17.76 0.38 0.00	12.91 0.24 0.00	11.78 0.21 0.00	15.69 0.30 0.00	17.41 0.33 0.00	17.92 0.33 0.00	19.21 0.51 0.00	20.26 0.71 0.00	23.45 0.84 0.00	30.93 1.19 0.00	23.06 0.79 0.00	19.56 0.60 0.00	19.39 0.52 0.00	18.21 0.41 0.00
ROSETON____1 23587	19.98 0.11 0.00	18.65 0.09 0.00	18.53 0.06 0.00	19.09 0.07 0.00	18.63 0.12 0.00	21.19 0.24 0.00	21.21 0.30 0.00	27.63 0.70 0.00	22.93 0.46 0.00	19.72 0.37 0.00	17.75 0.37 0.00	16.24 0.30 -3.27	12.21 0.28 -0.35	15.76 0.36 0.00	17.47 0.39 0.00	18.00 0.41 0.00	19.07 0.37 0.00	19.90 0.34 0.00	23.10 0.49 0.00	30.54 0.81 0.00	22.86 0.59 0.00	19.42 0.47 0.00	19.25 0.40 0.00	18.10 0.30 0.00
ROSETON____2 23588	19.98 0.11 0.00	18.65 0.09 0.00	18.53 0.06 0.00	19.09 0.07 0.00	18.63 0.12 0.00	21.19 0.24 0.00	21.21 0.30 0.00	27.63 0.70 0.00	22.93 0.46 0.00	19.72 0.37 0.00	17.75 0.37 0.00	16.24 0.30 -3.27	12.21 0.28 -0.35	15.76 0.36 0.00	17.47 0.39 0.00	18.00 0.41 0.00	19.07 0.37 0.00	19.90 0.34 0.00	23.10 0.49 0.00	30.54 0.81 0.00	22.86 0.59 0.00	19.42 0.47 0.00	19.25 0.40 0.00	18.10 0.30 0.00
ROTTDRAM_115KV_TB3 80664	20.06 0.19 0.00	18.75 0.19 0.00	18.66 0.18 0.00	19.20 0.19 0.00	18.73 0.22 0.00	21.25 0.30 0.00	21.25 0.34 0.00	27.54 0.61 0.00	22.88 0.42 0.00	19.60 0.25 0.00	17.58 0.20 0.00	10.41 0.14 2.39	11.44 0.12 0.26	15.55 0.16 0.00	17.25 0.16 0.00	17.77 0.18 0.00	18.89 0.19 0.00	19.84 0.29 0.00	23.01 0.41 0.00	30.38 0.64 0.00	22.74 0.48 0.00	19.33 0.38 0.00	19.17 0.32 0.00	18.07 0.27 0.00
RUSSELL____1 23602	19.61 -0.25 0.00	18.26 -0.30 0.00	18.17 -0.31 0.00	18.72 -0.29 0.00	18.16 -0.34 0.00	20.69 -0.26 0.00	20.50 -0.41 0.00	26.08 -0.85 0.00	21.73 -0.73 0.00	18.91 -0.44 0.00	16.91 -0.47 0.00	12.32 -0.34 0.00	11.23 -0.34 0.00	14.95 -0.45 0.00	16.63 -0.45 0.00	17.16 -0.44 0.00	18.25 -0.45 0.00	19.01 -0.54 0.00	21.72 -0.88 0.00	28.50 -1.23 0.00	21.19 -1.09 0.00	18.15 -0.80 0.00	18.45 -0.41 0.00	17.56 -0.24 0.00
RUSSELL____2 23532	19.61 -0.25 0.00	18.26 -0.30 0.00	18.17 -0.31 0.00	18.72 -0.29 0.00	18.16 -0.34 0.00	20.69 -0.26 0.00	20.50 -0.41 0.00	26.08 -0.85 0.00	21.73 -0.73 0.00	18.91 -0.44 0.00	16.91 -0.47 0.00	12.32 -0.34 0.00	11.23 -0.34 0.00	14.95 -0.45 0.00	16.63 -0.45 0.00	17.16 -0.44 0.00	18.25 -0.45 0.00	19.01 -0.54 0.00	21.72 -0.88 0.00	28.50 -1.23 0.00	21.19 -1.09 0.00	18.15 -0.80 0.00	18.45 -0.41 0.00	17.56 -0.24 0.00
RUSSELL____3 23549	19.61 -0.25 0.00	18.26 -0.30 0.00	18.17 -0.31 0.00	18.72 -0.29 0.00	18.16 -0.34 0.00	20.69 -0.26 0.00	20.50 -0.41 0.00	26.08 -0.85 0.00	21.73 -0.73 0.00	18.91 -0.44 0.00	16.91 -0.47 0.00	12.32 -0.34 0.00	11.23 -0.34 0.00	14.95 -0.45 0.00	16.63 -0.45 0.00	17.16 -0.44 0.00	18.25 -0.45 0.00	19.01 -0.54 0.00	21.72 -0.88 0.00	28.50 -1.23 0.00	21.19 -1.09 0.00	18.15 -0.80 0.00	18.45 -0.41 0.00	17.56 -0.24 0.00
RUSSELL____4 23556	19.61 -0.25 0.00	18.26 -0.30 0.00	18.17 -0.31 0.00	18.72 -0.29 0.00	18.16 -0.34 0.00	20.69 -0.26 0.00	20.50 -0.41 0.00	26.08 -0.85 0.00	21.73 -0.73 0.00	18.91 -0.44 0.00	16.91 -0.47 0.00	12.32 -0.34 0.00	11.23 -0.34 0.00	14.95 -0.45 0.00	16.63 -0.45 0.00	17.16 -0.44 0.00	18.25 -0.45 0.00	19.01 -0.54 0.00	21.72 -0.88 0.00	28.50 -1.23 0.00	21.19 -1.09 0.00	18.15 -0.80 0.00	18.45 -0.41 0.00	17.56 -0.24 0.00
RUSSELL____STATION 23914	19.61 -0.25 0.00	18.26 -0.30 0.00	18.17 -0.31 0.00	18.72 -0.29 0.00	18.16 -0.34 0.00	20.69 -0.26 0.00	20.50 -0.41 0.00	26.08 -0.85 0.00	21.73 -0.73 0.00	18.91 -0.44 0.00	16.91 -0.47 0.00	12.32 -0.34 0.00	11.23 -0.34 0.00	14.95 -0.45 0.00	16.63 -0.45 0.00	17.16 -0.44 0.00	18.25 -0.45 0.00	19.01 -0.54 0.00	21.72 -0.88 0.00	28.50 -1.23 0.00	21.19 -1.09 0.00	18.15 -0.80 0.00	18.45 -0.41 0.00	17.56 -0.24 0.00
S SALMON____HYD 24043	19.36 -0.50 0.00	18.18 -0.39 0.00	18.14 -0.33 0.00	18.68 -0.34 0.00	18.18 -0.32 0.00	20.64 -0.31 0.00	20.62 -0.29 0.00	26.52 -0.41 0.00	22.06 -0.40 0.00	18.87 -0.48 0.00	16.88 -0.50 0.00	12.32 -0.35 0.00	11.26 -0.32 0.00	14.95 -0.44 0.00	16.65 -0.44 0.00	17.18 -0.41 0.00	18.33 -0.38 0.00	19.23 -0.32 0.00	22.18 -0.42 0.00	29.22 -0.51 0.00	21.79 -0.48 0.00	18.51 -0.45 0.00	18.32 -0.54 0.00	17.25 -0.54 0.00
S.PERRY__115KV_TB1 80734	20.20 0.34 0.00	18.84 0.28 0.00	18.76 0.28 0.00	19.34 0.33 0.00	18.80 0.30 0.00	21.60 0.65 0.00	21.55 0.64 0.00	27.60 0.66 0.00	22.84 0.38 0.00	19.52 0.17 0.00	17.31 -0.07 0.00	12.67 0.00 0.00	11.58 0.01 0.00	15.38 -0.02 0.00	17.07 -0.01 0.00	17.77 0.17 0.00	18.98 0.27 0.00	19.88 0.33 0.00	22.74 0.14 0.00	29.78 0.05 0.00	21.99 -0.28 0.00	18.87 -0.09 0.00	19.01 0.15 0.00	17.89 0.09 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.35 -0.52 0.00	18.00 -0.56 0.00	17.91 -0.57 0.00	18.47 -0.54 0.00	17.88 -0.63 0.00	20.43 -0.52 0.00	20.04 -0.87 0.00	25.14 -1.79 0.00	20.99 -1.48 0.00	18.50 -0.84 0.00	16.52 -0.86 0.00	12.05 -0.62 0.00	10.98 -0.59 0.00	14.64 -0.75 0.00	16.27 -0.81 0.00	16.70 -0.90 0.00	17.70 -1.00 0.00	18.37 -1.18 0.00	20.81 -1.79 0.00	27.20 -2.53 0.00	20.12 -2.15 0.00	17.36 -1.59 0.00	17.95 -0.90 0.00	17.31 -0.49 0.00
SAWYER__23_KV_LOAD 55526	19.35 -0.52 0.00	18.00 -0.56 0.00	17.91 -0.57 0.00	18.47 -0.54 0.00	17.88 -0.63 0.00	20.43 -0.52 0.00	20.04 -0.87 0.00	25.14 -1.79 0.00	20.99 -1.48 0.00	18.50 -0.84 0.00	16.52 -0.86 0.00	12.05 -0.62 0.00	10.98 -0.59 0.00	14.64 -0.75 0.00	16.27 -0.81 0.00	16.70 -0.90 0.00	17.70 -1.00 0.00	18.37 -1.18 0.00	20.81 -1.79 0.00	27.20 -2.53 0.00	20.12 -2.15 0.00	17.36 -1.59 0.00	17.95 -0.90 0.00	17.31 -0.49 0.00
SELKIRK____I 23801	19.72 -0.14 0.00	18.74 0.18 0.00	18.73 0.25 0.00	19.28 0.27 0.00	18.80 0.30 0.00	21.27 0.32 0.00	21.25 0.34 0.00	27.55 0.62 0.00	22.87 0.41 0.00	19.59 0.24 0.00	17.58 0.20 0.00	11.04 0.15 1.78	11.51 0.12 0.19	15.56 0.16 0.00	17.20 0.12 0.00	17.68 0.09 0.00	18.78 0.08 0.00	19.74 0.19 0.00	22.98 0.38 0.00	30.35 0.62 0.00	22.74 0.47 0.00	19.37 0.41 0.00	19.21 0.36 0.00	18.11 0.32 0.00
SELKIRK____II 23799	19.79 -0.07 0.00	18.58 0.02 0.00	18.60 0.12 0.00	19.16 0.15 0.00	18.70 0.20 0.00	21.17 0.22 0.00	21.16 0.24 0.00	27.46 0.53 0.00	22.79 0.33 0.00	19.55 0.20 0.00	17.58 0.20 0.00	10.26 0.16 2.57	11.42 0.12 0.28	15.56 0.17 0.00	17.24 0.16 0.00	17.75 0.15 0.00	18.85 0.14 0.00	19.72 0.17 0.00	22.91 0.31 0.00	30.27 0.54 0.00	22.67 0.40 0.00	19.31 0.35 0.00	19.15 0.29 0.00	18.05 0.25 0.00

SENECA OSWGO___HYD 24041	19.56 -0.31 0.00	18.27 -0.29 0.00	18.19 -0.29 0.00	18.71 -0.31 0.00	18.16 -0.35 0.00	20.53 -0.42 0.00	20.51 -0.40 0.00	26.38 -0.55 0.00	21.98 -0.48 0.00	18.92 -0.43 0.00	16.99 -0.39 0.00	12.37 -0.30 0.00	11.30 -0.27 0.00	15.02 -0.37 0.00	16.66 -0.43 0.00	17.17 -0.43 0.00	18.30 -0.40 0.00	19.13 -0.42 0.00	22.05 -0.55 0.00	29.03 -0.70 0.00	21.69 -0.58 0.00	18.51 -0.45 0.00	18.46 -0.40 0.00	17.39 -0.40 0.00
SENECA___115KV_TB3 355854	19.65 -0.21 0.00	18.28 -0.28 0.00	18.18 -0.29 0.00	18.76 -0.25 0.00	18.16 -0.34 0.00	20.78 -0.17 0.00	20.40 -0.51 0.00	25.66 -1.27 0.00	21.43 -1.03 0.00	18.88 -0.47 0.00	16.84 -0.54 0.00	12.29 -0.38 0.00	11.19 -0.38 0.00	14.96 -0.44 0.00	16.61 -0.48 0.00	17.05 -0.54 0.00	18.06 -0.64 0.00	18.73 -0.83 0.00	21.20 -1.41 0.00	27.70 -2.03 0.00	20.47 -1.80 0.00	17.66 -1.30 0.00	18.22 -0.64 0.00	17.53 -0.26 0.00
SENECA___ENERGY 23797	20.08 0.22 0.00	18.71 0.14 0.00	18.63 0.15 0.00	19.18 0.16 0.00	18.66 0.15 0.00	21.32 0.37 0.00	21.26 0.35 0.00	27.36 0.42 0.00	22.76 0.30 0.00	19.55 0.20 0.00	17.40 0.02 0.00	12.68 0.01 0.00	11.59 0.02 0.00	15.40 0.00 0.00	17.08 0.00 0.00	17.61 0.02 0.00	18.85 0.14 0.00	19.71 0.16 0.00	22.69 0.09 0.00	29.75 0.02 0.00	22.16 -0.11 0.00	18.95 0.00 0.00	18.92 0.06 0.00	17.83 0.03 0.00
SHOEMAKER___GT 23640	20.01 0.14 0.00	18.67 0.11 0.00	18.55 0.07 0.00	19.11 0.09 0.00	18.65 0.14 0.00	21.22 0.27 0.00	21.21 0.30 0.00	27.61 0.67 0.00	22.90 0.43 0.00	19.69 0.34 0.00	17.69 0.31 0.00	15.85 0.24 -2.94	12.11 0.22 -0.32	15.69 0.29 0.00	17.40 0.32 0.00	17.93 0.33 0.00	19.01 0.31 0.00	19.86 0.31 0.00	23.06 0.46 0.00	30.50 0.77 0.00	22.82 0.54 0.00	19.39 0.44 0.00	19.24 0.38 0.00	18.09 0.29 0.00
SHOEMAKR_138KV_BK 111 55601	19.99 0.13 0.00	18.66 0.10 0.00	18.54 0.06 0.00	19.09 0.08 0.00	18.63 0.13 0.00	21.21 0.26 0.00	21.20 0.29 0.00	27.60 0.67 0.00	22.89 0.43 0.00	19.69 0.34 0.00	17.70 0.33 0.00	15.82 0.25 -2.91	12.12 0.24 -0.31	15.70 0.31 0.00	17.42 0.34 0.00	17.94 0.35 0.00	19.03 0.33 0.00	19.87 0.32 0.00	23.06 0.46 0.00	30.49 0.76 0.00	22.81 0.54 0.00	19.39 0.43 0.00	19.23 0.38 0.00	18.08 0.28 0.00
SHOREHAM_IC_1 23715	20.04 0.18 0.00	18.66 0.10 0.00	18.48 0.00 0.00	19.03 0.02 0.00	18.59 0.09 0.00	21.50 0.55 0.00	21.65 0.74 0.00	28.22 1.28 0.00	23.14 0.68 0.00	20.01 0.66 0.00	17.93 0.55 0.00	16.53 0.39 -3.47	12.26 0.31 -0.37	15.89 0.50 0.00	17.69 0.61 0.00	18.12 0.52 0.00	19.25 0.55 0.00	20.24 0.69 0.00	23.77 1.16 0.00	31.40 1.67 0.00	23.38 1.11 0.00	19.87 0.91 0.00	19.63 0.77 0.00	18.57 0.78 0.00
SHOREHAM_IC_2 23716	20.04 0.18 0.00	18.66 0.10 0.00	18.48 0.00 0.00	19.03 0.02 0.00	18.59 0.09 0.00	21.50 0.55 0.00	21.65 0.74 0.00	28.22 1.28 0.00	23.14 0.68 0.00	20.01 0.66 0.00	17.93 0.55 0.00	16.53 0.39 -3.47	12.26 0.31 -0.37	15.89 0.50 0.00	17.69 0.61 0.00	18.12 0.52 0.00	19.25 0.55 0.00	20.24 0.69 0.00	23.77 1.16 0.00	31.40 1.67 0.00	23.38 1.11 0.00	19.87 0.91 0.00	19.63 0.77 0.00	18.57 0.78 0.00
SISSONVILLE___ 23735	19.58 -0.28 0.00	18.40 -0.16 0.00	18.28 -0.20 0.00	18.81 -0.20 0.00	18.33 -0.17 0.00	20.72 -0.23 0.00	20.75 -0.16 0.00	26.55 -0.38 0.00	22.18 -0.28 0.00	19.03 -0.32 0.00	17.02 -0.36 0.00	12.38 -0.29 0.00	11.29 -0.28 0.00	15.03 -0.37 0.00	16.75 -0.34 0.00	17.28 -0.32 0.00	18.50 -0.20 0.00	19.45 -0.10 0.00	22.42 -0.18 0.00	29.39 -0.35 0.00	21.99 -0.28 0.00	18.61 -0.34 0.00	18.45 -0.41 0.00	17.51 -0.29 0.00
SITHE_IND_GS1 24169	19.45 -0.41 0.00	18.16 -0.40 0.00	18.08 -0.39 0.00	18.59 -0.42 0.00	18.03 -0.47 0.00	20.35 -0.60 0.00	20.29 -0.62 0.00	26.09 -0.85 0.00	21.76 -0.70 0.00	18.78 -0.57 0.00	16.88 -0.50 0.00	12.31 -0.36 0.00	11.24 -0.34 0.00	14.95 -0.45 0.00	16.58 -0.51 0.00	17.07 -0.52 0.00	18.14 -0.56 0.00	18.95 -0.60 0.00	21.84 -0.77 0.00	28.72 -1.01 0.00	21.49 -0.78 0.00	18.34 -0.61 0.00	18.29 -0.56 0.00	17.25 -0.55 0.00
SITHE_IND_GS2 24170	19.45 -0.41 0.00	18.16 -0.40 0.00	18.08 -0.39 0.00	18.59 -0.42 0.00	18.03 -0.47 0.00	20.35 -0.60 0.00	20.29 -0.62 0.00	26.09 -0.85 0.00	21.76 -0.70 0.00	18.78 -0.57 0.00	16.88 -0.50 0.00	12.31 -0.36 0.00	11.24 -0.34 0.00	14.95 -0.45 0.00	16.58 -0.51 0.00	17.07 -0.52 0.00	18.14 -0.56 0.00	18.95 -0.60 0.00	21.84 -0.77 0.00	28.72 -1.01 0.00	21.49 -0.78 0.00	18.34 -0.61 0.00	18.29 -0.56 0.00	17.25 -0.55 0.00
SITHE_IND_GS3 24171	19.45 -0.41 0.00	18.16 -0.40 0.00	18.08 -0.39 0.00	18.59 -0.42 0.00	18.03 -0.47 0.00	20.35 -0.60 0.00	20.29 -0.62 0.00	26.09 -0.85 0.00	21.76 -0.70 0.00	18.78 -0.57 0.00	16.88 -0.50 0.00	12.31 -0.36 0.00	11.24 -0.34 0.00	14.95 -0.45 0.00	16.58 -0.51 0.00	17.07 -0.52 0.00	18.14 -0.56 0.00	18.95 -0.60 0.00	21.84 -0.77 0.00	28.72 -1.01 0.00	21.49 -0.78 0.00	18.34 -0.61 0.00	18.29 -0.56 0.00	17.25 -0.55 0.00
SITHE_IND_GS4 24172	19.45 -0.41 0.00	18.16 -0.40 0.00	18.08 -0.39 0.00	18.59 -0.42 0.00	18.03 -0.47 0.00	20.35 -0.60 0.00	20.29 -0.62 0.00	26.09 -0.85 0.00	21.76 -0.70 0.00	18.78 -0.57 0.00	16.88 -0.50 0.00	12.31 -0.36 0.00	11.24 -0.34 0.00	14.95 -0.45 0.00	16.58 -0.51 0.00	17.07 -0.52 0.00	18.14 -0.56 0.00	18.95 -0.60 0.00	21.84 -0.77 0.00	28.72 -1.01 0.00	21.49 -0.78 0.00	18.34 -0.61 0.00	18.29 -0.56 0.00	17.25 -0.55 0.00
SITHE___BATAVIA 24024	19.69 -0.18 0.00	18.31 -0.25 0.00	18.23 -0.25 0.00	18.81 -0.20 0.00	18.23 -0.28 0.00	20.84 -0.12 0.00	20.56 -0.35 0.00	26.01 -0.92 0.00	21.71 -0.75 0.00	18.97 -0.38 0.00	16.85 -0.52 0.00	12.24 -0.43 0.00	11.09 -0.49 0.00	14.74 -0.65 0.00	16.42 -0.66 0.00	17.06 -0.53 0.00	18.17 -0.53 0.00	18.90 -0.65 0.00	21.48 -1.12 0.00	28.14 -1.60 0.00	20.82 -1.45 0.00	17.90 -1.06 0.00	18.41 -0.44 0.00	17.66 -0.13 0.00
SITHE___INDEPEND 23800	19.45 -0.41 0.00	18.17 -0.40 0.00	18.08 -0.39 0.00	18.59 -0.42 0.00	18.03 -0.47 0.00	20.34 -0.61 0.00	20.29 -0.62 0.00	26.09 -0.85 0.00	21.76 -0.70 0.00	18.78 -0.57 0.00	16.87 -0.51 0.00	12.31 -0.36 0.00	11.24 -0.34 0.00	14.95 -0.45 0.00	16.58 -0.51 0.00	17.08 -0.52 0.00	18.14 -0.56 0.00	18.95 -0.60 0.00	21.84 -0.77 0.00	28.72 -1.01 0.00	21.49 -0.78 0.00	18.34 -0.61 0.00	18.30 -0.56 0.00	17.25 -0.55 0.00
SITHE___MASSENA 23902	20.13 0.26 0.00	18.83 0.27 0.00	18.73 0.25 0.00	19.27 0.26 0.00	18.74 0.24 0.00	21.16 0.21 0.00	21.12 0.20 0.00	26.99 0.06 0.00	22.58 0.12 0.00	19.49 0.14 0.00	17.50 0.12 0.00	12.74 0.07 0.00	11.63 0.06 0.00	15.49 0.09 0.00	17.22 0.14 0.00	17.74 0.14 0.00	18.92 0.22 0.00	19.81 0.26 0.00	22.82 0.22 0.00	29.89 0.16 0.00	22.39 0.12 0.00	19.03 0.07 0.00	18.95 0.09 0.00	17.99 0.20 0.00

SITHE___OGDNSBRG 24021	20.27 0.41 0.00	18.99 0.43 0.00	18.88 0.40 0.00	19.42 0.41 0.00	18.91 0.41 0.00	21.39 0.44 0.00	21.41 0.50 0.00	27.35 0.42 0.00	22.82 0.36 0.00	19.54 0.19 0.00	17.48 0.10 0.00	12.71 0.04 0.00	11.58 0.01 0.00	15.42 0.03 0.00	17.22 0.13 0.00	17.81 0.22 0.00	19.07 0.37 0.00	20.08 0.52 0.00	23.12 0.52 0.00	30.29 0.56 0.00	22.65 0.39 0.00	19.21 0.25 0.00	19.10 0.24 0.00	18.13 0.33 0.00
SITHE___STERLING 23777	20.23 0.36 0.00	18.90 0.34 0.00	18.83 0.35 0.00	19.39 0.38 0.00	18.89 0.39 0.00	21.49 0.54 0.00	21.53 0.62 0.00	27.87 0.94 0.00	23.19 0.73 0.00	19.80 0.45 0.00	17.65 0.27 0.00	12.84 0.17 0.00	11.73 0.16 0.00	15.61 0.21 0.00	17.30 0.22 0.00	17.81 0.21 0.00	19.05 0.35 0.00	20.04 0.48 0.00	23.19 0.58 0.00	30.57 0.84 0.00	22.82 0.54 0.00	19.39 0.43 0.00	19.26 0.40 0.00	18.11 0.31 0.00
SLEIGHT__34_KV_TB1 80719	19.59 -0.28 0.00	18.26 -0.30 0.00	18.17 -0.31 0.00	18.71 -0.31 0.00	18.17 -0.34 0.00	20.68 -0.27 0.00	20.57 -0.34 0.00	26.32 -0.61 0.00	21.90 -0.56 0.00	18.96 -0.39 0.00	16.95 -0.43 0.00	12.35 -0.32 0.00	11.26 -0.31 0.00	14.98 -0.42 0.00	16.64 -0.44 0.00	17.16 -0.43 0.00	18.31 -0.39 0.00	19.12 -0.43 0.00	21.92 -0.68 0.00	28.82 -0.91 0.00	21.43 -0.84 0.00	18.32 -0.63 0.00	18.46 -0.40 0.00	17.50 -0.30 0.00
SOUTH CAIRO___GT 23612	20.49 0.63 0.00	19.26 0.69 0.00	19.28 0.80 0.00	19.87 0.86 0.00	19.35 0.85 0.00	21.53 0.58 0.00	21.62 0.71 0.00	28.11 1.17 0.00	23.30 0.84 0.00	19.73 0.38 0.00	17.56 0.17 0.00	12.88 0.21 0.00	11.58 0.01 0.00	15.45 0.05 0.00	17.37 0.29 0.00	17.96 0.37 0.00	19.13 0.43 0.00	20.20 0.65 0.00	23.78 1.18 0.00	31.53 1.80 0.00	23.58 1.31 0.00	20.06 1.11 0.00	19.84 0.99 0.00	18.68 0.88 0.00
SOUTH HAMPTN___IC 23720	20.19 0.33 0.00	18.80 0.24 0.00	18.60 0.12 0.00	19.14 0.12 0.00	18.70 0.19 0.00	21.60 0.65 0.00	21.78 0.87 0.00	28.44 1.51 0.00	23.38 0.92 0.00	20.23 0.88 0.00	18.11 0.73 0.00	16.66 0.52 -3.47	12.37 0.42 -0.37	16.03 0.63 0.00	17.85 0.76 0.00	18.29 0.70 0.00	19.45 0.75 0.00	20.44 0.89 0.00	23.98 1.38 0.00	31.72 1.98 0.00	23.61 1.34 0.00	20.06 1.11 0.00	19.81 0.96 0.00	18.69 0.89 0.00
SOUTHDOW__115KV_TB1 355954	20.39 0.53 0.00	18.94 0.38 0.00	18.84 0.37 0.00	19.45 0.43 0.00	18.85 0.35 0.00	21.67 0.72 0.00	21.37 0.46 0.00	27.17 0.24 0.00	22.67 0.21 0.00	19.93 0.58 0.00	17.73 0.35 0.00	12.95 0.28 0.00	11.84 0.27 0.00	15.82 0.42 0.00	17.58 0.50 0.00	18.03 0.43 0.00	19.01 0.31 0.00	19.53 -0.03 0.00	22.06 -0.54 0.00	28.71 -1.03 0.00	20.99 -1.28 0.00	18.15 -0.81 0.00	18.55 -0.31 0.00	18.08 0.28 0.00
SOUTHOLD_69_KV_BK 2 55809	20.32 0.46 0.00	18.93 0.37 0.00	18.69 0.21 0.00	19.19 0.17 0.00	18.76 0.25 0.00	21.66 0.71 0.00	21.89 0.98 0.00	28.69 1.76 0.00	23.67 1.21 0.00	20.49 1.14 0.00	18.34 0.95 0.00	16.79 0.66 -3.47	12.49 0.54 -0.37	16.17 0.78 0.00	18.02 0.94 0.00	18.47 0.88 0.00	19.68 0.97 0.00	20.69 1.14 0.00	24.29 1.69 0.00	32.15 2.42 0.00	23.92 1.65 0.00	20.31 1.36 0.00	20.04 1.18 0.00	18.83 1.04 0.00
SOUTHOLD___IC 23719	20.32 0.45 0.00	18.93 0.37 0.00	18.69 0.21 0.00	19.19 0.17 0.00	18.76 0.25 0.00	21.66 0.71 0.00	21.89 0.98 0.00	28.69 1.75 0.00	23.66 1.20 0.00	20.49 1.14 0.00	18.33 0.95 0.00	16.79 0.66 -3.47	12.49 0.54 -0.37	16.17 0.78 0.00	18.02 0.94 0.00	18.48 0.88 0.00	19.67 0.97 0.00	20.69 1.14 0.00	24.29 1.69 0.00	32.15 2.42 0.00	23.92 1.65 0.00	20.31 1.36 0.00	20.05 1.18 0.00	18.83 1.04 0.00
SOUTH_FORK_WT_PWR 323839	20.24 0.37 0.00	18.87 0.30 0.00	18.60 0.12 0.00	19.06 0.04 0.00	18.63 0.12 0.00	21.52 0.57 0.00	21.77 0.85 0.00	28.60 1.66 0.00	23.65 1.19 0.00	20.51 1.16 0.00	18.34 0.96 0.00	16.80 0.66 -3.47	12.50 0.55 -0.37	16.18 0.78 0.00	18.03 0.95 0.00	18.49 0.89 0.00	19.68 0.98 0.00	20.70 1.15 0.00	24.31 1.71 0.00	32.18 2.45 0.00	23.93 1.66 0.00	20.32 1.36 0.00	20.04 1.18 0.00	18.78 0.98 0.00
SPIERFLS_115KV_TB 1 80737	20.18 0.32 0.00	18.87 0.31 0.00	18.78 0.30 0.00	19.33 0.32 0.00	18.90 0.40 0.00	21.49 0.54 0.00	21.59 0.68 0.00	28.13 1.20 0.00	23.36 0.89 0.00	19.86 0.51 0.00	17.70 0.31 0.00	9.77 0.17 3.06	11.40 0.17 0.33	15.58 0.18 0.00	17.27 0.19 0.00	17.82 0.23 0.00	19.01 0.30 0.00	20.09 0.54 0.00	23.48 0.88 0.00	31.05 1.31 0.00	23.22 0.95 0.00	19.67 0.72 0.00	19.43 0.57 0.00	18.28 0.48 0.00
ST LAWRENCE____ 23600	19.97 0.11 0.00	18.68 0.11 0.00	18.58 0.10 0.00	19.11 0.10 0.00	18.58 0.08 0.00	20.98 0.03 0.00	20.92 0.01 0.00	26.75 -0.19 0.00	22.39 -0.07 0.00	19.35 0.00 0.00	17.39 0.01 0.00	12.66 -0.01 0.00	11.56 -0.01 0.00	15.39 0.00 0.00	17.10 0.02 0.00	17.61 0.02 0.00	18.77 0.06 0.00	19.63 0.08 0.00	22.62 0.02 0.00	29.64 -0.09 0.00	22.22 -0.05 0.00	18.88 -0.07 0.00	18.82 -0.04 0.00	17.86 0.06 0.00
STATE_CA_115KV_115_LB 55624	20.10 0.24 0.00	18.80 0.24 0.00	18.76 0.28 0.00	19.32 0.30 0.00	18.85 0.35 0.00	21.34 0.39 0.00	21.34 0.43 0.00	27.74 0.81 0.00	23.01 0.55 0.00	19.70 0.35 0.00	17.69 0.31 3.25	9.65 0.23 0.35	11.42 0.20 0.00	15.67 0.27 0.00	17.38 0.29 0.00	17.89 0.30 0.00	19.01 0.31 0.00	19.90 0.34 0.00	23.12 0.52 0.00	30.55 0.82 0.00	22.89 0.62 0.00	19.49 0.53 0.00	19.31 0.45 0.00	18.20 0.40 0.00
STATE_ST_34_KV_LOAD 55959	20.15 0.28 0.00	18.79 0.22 0.00	18.72 0.24 0.00	19.23 0.22 0.00	18.71 0.21 0.00	21.30 0.35 0.00	21.16 0.25 0.00	27.22 0.29 0.00	22.65 0.19 0.00	19.48 0.13 0.00	17.40 0.02 0.00	12.67 0.00 0.00	11.57 0.00 0.00	15.39 0.00 0.00	17.07 -0.01 0.00	17.61 0.01 0.00	18.79 0.09 0.00	19.66 0.11 0.00	22.66 0.06 0.00	29.88 0.15 0.00	22.23 -0.04 0.00	19.02 0.06 0.00	18.97 0.11 0.00	17.93 0.14 0.00
STATION 5_MISC_HYD 23604	19.54 -0.33 0.00	18.20 -0.36 0.00	18.11 -0.37 0.00	18.66 -0.35 0.00	18.10 -0.40 0.00	20.62 -0.34 0.00	20.42 -0.49 0.00	25.97 -0.97 0.00	21.63 -0.83 0.00	18.84 -0.51 0.00	16.86 -0.52 0.00	12.28 -0.39 0.00	11.19 -0.39 0.00	14.89 -0.51 0.00	16.57 -0.51 0.00	17.08 -0.51 0.00	18.17 -0.53 0.00	18.92 -0.64 0.00	21.61 -0.99 0.00	28.35 -1.38 0.00	21.08 -1.19 0.00	18.06 -0.89 0.00	18.37 -0.49 0.00	17.49 -0.31 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.32 0.46 0.00	18.91 0.35 0.00	18.83 0.35 0.00	19.40 0.39 0.00	18.87 0.36 0.00	21.60 0.64 0.00	21.52 0.61 0.00	27.43 0.49 0.00	22.82 0.36 0.00	19.74 0.39 0.00	17.62 0.24 0.00	12.82 0.15 0.00	11.70 0.13 0.00	15.57 0.17 0.00	17.28 0.19 0.00	17.85 0.25 0.00	19.09 0.39 0.00	19.95 0.39 0.00	22.90 0.30 0.00	30.00 0.27 0.00	22.34 0.07 0.00	19.09 0.14 0.00	19.17 0.31 0.00	18.09 0.29 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	19.44 -0.42 0.00	18.12 -0.45 0.00	18.02 -0.46 0.00	18.57 -0.45 0.00	18.01 -0.49 0.00	20.50 -0.45 0.00	20.33 -0.58 0.00	25.88 -1.05 0.00	21.56 -0.90 0.00	18.76 -0.59 0.00	16.79 -0.59 0.00	12.23 -0.44 0.00	11.15 -0.42 0.00	14.84 -0.56 0.00	16.51 -0.58 0.00	17.03 -0.57 0.00	18.11 -0.59 0.00	18.86 -0.69 0.00	21.57 -1.04 0.00	28.29 -1.44 0.00	21.04 -1.23 0.00	18.02 -0.93 0.00	18.29 -0.57 0.00	17.40 -0.40 0.00
STA_56___34_KV_BUS2 355983	19.44 -0.42 0.00	18.12 -0.45 0.00	18.02 -0.46 0.00	18.57 -0.45 0.00	18.01 -0.49 0.00	20.50 -0.45 0.00	20.33 -0.58 0.00	25.88 -1.05 0.00	21.56 -0.90 0.00	18.76 -0.59 0.00	16.79 -0.59 0.00	12.23 -0.44 0.00	11.15 -0.42 0.00	14.84 -0.56 0.00	16.51 -0.58 0.00	17.03 -0.57 0.00	18.11 -0.59 0.00	18.86 -0.69 0.00	21.57 -1.04 0.00	28.29 -1.44 0.00	21.04 -1.23 0.00	18.02 -0.93 0.00	18.29 -0.57 0.00	17.40 -0.40 0.00
STA_67___115KV_BK2 355882	19.50 -0.36 0.00	18.17 -0.39 0.00	18.08 -0.40 0.00	18.63 -0.38 0.00	18.07 -0.44 0.00	20.57 -0.38 0.00	20.38 -0.53 0.00	25.90 -1.03 0.00	21.58 -0.88 0.00	18.80 -0.55 0.00	16.81 -0.57 0.00	12.25 -0.41 0.00	11.17 -0.40 0.00	14.86 -0.53 0.00	16.53 -0.55 0.00	17.05 -0.55 0.00	18.13 -0.57 0.00	18.88 -0.67 0.00	21.56 -1.04 0.00	28.29 -1.44 0.00	21.03 -1.24 0.00	18.02 -0.93 0.00	18.33 -0.53 0.00	17.46 -0.34 0.00
STA_7___115KV_9TRANS 80674	19.61 -0.25 0.00	18.26 -0.30 0.00	18.17 -0.31 0.00	18.72 -0.29 0.00	18.16 -0.34 0.00	20.69 -0.26 0.00	20.50 -0.41 0.00	26.08 -0.85 0.00	21.73 -0.73 0.00	18.91 -0.44 0.00	16.91 -0.47 0.00	12.32 -0.34 0.00	11.23 -0.34 0.00	14.95 -0.45 0.00	16.63 -0.45 0.00	17.16 -0.44 0.00	18.25 -0.45 0.00	19.01 -0.54 0.00	21.72 -0.88 0.00	28.50 -1.23 0.00	21.19 -1.09 0.00	18.15 -0.80 0.00	18.45 -0.41 0.00	17.56 -0.24 0.00
STA_82___115KV_TB1 80780	19.52 -0.35 0.00	18.19 -0.38 0.00	18.09 -0.39 0.00	18.64 -0.37 0.00	18.08 -0.42 0.00	20.59 -0.36 0.00	20.39 -0.52 0.00	25.93 -1.01 0.00	21.60 -0.86 0.00	18.81 -0.54 0.00	16.82 -0.56 0.00	12.26 -0.41 0.00	11.17 -0.40 0.00	14.87 -0.53 0.00	16.54 -0.54 0.00	17.06 -0.53 0.00	18.15 -0.56 0.00	18.90 -0.66 0.00	21.58 -1.03 0.00	28.31 -1.42 0.00	21.05 -1.22 0.00	18.04 -0.91 0.00	18.35 -0.51 0.00	17.47 -0.33 0.00
STEEL___WIND 323596	19.64 -0.22 0.00	18.27 -0.29 0.00	18.17 -0.31 0.00	18.74 -0.27 0.00	18.15 -0.35 0.00	20.76 -0.19 0.00	20.38 -0.53 0.00	25.64 -1.30 0.00	21.42 -1.04 0.00	18.87 -0.48 0.00	16.86 -0.53 0.00	12.27 -0.40 0.00	11.18 -0.39 0.00	14.94 -0.45 0.00	16.60 -0.49 0.00	17.03 -0.56 0.00	18.04 -0.66 0.00	18.71 -0.85 0.00	21.16 -1.44 0.00	27.68 -2.05 0.00	20.44 -1.83 0.00	17.64 -1.31 0.00	18.19 -0.67 0.00	17.52 -0.28 0.00
STEPHTWN_115KV_BK_2 55603	20.07 0.20 0.00	18.79 0.22 0.00	18.75 0.27 0.00	19.31 0.29 0.00	18.86 0.36 0.00	21.42 0.47 0.00	21.41 0.50 0.00	27.86 0.92 0.00	23.09 0.62 0.00	19.75 0.40 0.00	17.70 0.32 0.00	9.77 0.22 3.12	11.42 0.19 0.34	15.69 0.29 0.00	17.38 0.30 0.00	17.92 0.32 0.00	19.03 0.33 0.00	19.91 0.36 0.00	23.17 0.57 0.00	30.64 0.91 0.00	22.93 0.66 0.00	19.57 0.61 0.00	19.36 0.50 0.00	18.24 0.44 0.00
STEUBEN_REC_LFGE 323667	20.10 0.24 0.00	18.83 0.27 0.00	18.75 0.27 0.00	19.36 0.35 0.00	18.84 0.33 0.00	21.72 0.77 0.00	21.63 0.72 0.00	27.76 0.83 0.00	23.04 0.57 0.00	19.85 0.50 0.00	17.56 0.18 0.00	12.87 0.21 0.00	11.79 0.22 0.00	15.66 0.27 0.00	17.32 0.24 0.00	17.92 0.32 0.00	19.01 0.31 0.00	19.93 0.38 0.00	22.83 0.23 0.00	29.53 -0.20 0.00	21.60 -0.67 0.00	18.65 -0.30 0.00	18.67 -0.18 0.00	17.48 -0.31 0.00
STILLWATER___SOLAR 323814	20.21 0.34 0.00	18.89 0.32 0.00	18.80 0.33 0.00	19.35 0.34 0.00	18.90 0.40 0.00	21.46 0.51 0.00	21.49 0.58 0.00	27.94 1.00 0.00	23.16 0.70 0.00	19.75 0.40 0.00	17.66 0.28 0.00	9.44 0.17 3.40	11.35 0.15 0.37	15.58 0.18 0.00	17.28 0.20 0.00	17.82 0.23 0.00	18.98 0.28 0.00	20.00 0.44 0.00	23.29 0.68 0.00	30.78 1.05 0.00	23.04 0.77 0.00	19.57 0.61 0.00	19.37 0.51 0.00	18.24 0.44 0.00
STONY___BROOK 24151	20.23 0.37 0.00	18.85 0.29 0.00	18.67 0.19 0.00	19.23 0.22 0.00	18.78 0.28 0.00	21.59 0.64 0.00	21.73 0.81 0.00	28.32 1.39 0.00	23.34 0.88 0.00	20.18 0.83 0.00	18.11 0.73 0.00	16.67 0.54 -3.47	12.40 0.45 -0.37	16.04 0.64 0.00	17.85 0.77 0.00	18.32 0.73 0.00	19.47 0.76 0.00	20.37 0.82 0.00	23.79 1.19 0.00	31.46 1.73 0.00	23.49 1.22 0.00	19.97 1.01 0.00	19.77 0.91 0.00	18.61 0.82 0.00
STURGEON_POOL_HYD 23609	20.04 0.18 0.00	18.65 0.09 0.00	18.51 0.03 0.00	19.06 0.05 0.00	18.61 0.11 0.00	21.21 0.26 0.00	21.24 0.33 0.00	27.70 0.76 0.00	23.03 0.56 0.00	19.79 0.44 0.00	17.82 0.44 0.00	14.79 0.34 -1.79	12.08 0.31 -0.20	15.79 0.39 0.00	17.51 0.43 0.00	18.05 0.45 0.00	19.13 0.42 0.00	19.94 0.39 0.00	23.15 0.54 0.00	30.61 0.88 0.00	22.91 0.64 0.00	19.46 0.50 0.00	19.27 0.42 0.00	18.11 0.31 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.02 0.16 0.00	18.68 0.12 0.00	18.55 0.07 0.00	19.11 0.10 0.00	18.66 0.15 0.00	21.25 0.30 0.00	21.26 0.35 0.00	27.70 0.76 0.00	22.97 0.51 0.00	19.78 0.43 0.00	17.81 0.43 0.00	16.05 0.33 -3.05	12.21 0.31 -0.33	15.80 0.41 0.00	17.53 0.45 0.00	18.06 0.47 0.00	19.15 0.45 0.00	19.97 0.42 0.00	23.16 0.56 0.00	30.63 0.90 0.00	22.90 0.63 0.00	19.45 0.50 0.00	19.29 0.44 0.00	18.13 0.34 0.00
SWANROAD_115KV_TB1 355699	18.93 -0.94 0.00	17.61 -0.96 0.00	17.53 -0.95 0.00	18.08 -0.93 0.00	17.50 -1.01 0.00	19.96 -0.99 0.00	19.54 -1.37 0.00	24.72 -2.21 0.00	20.82 -1.65 0.00	18.22 -1.13 0.00	16.01 -1.37 0.00	11.69 -0.98 0.00	10.66 -0.91 0.00	14.19 -1.20 0.00	15.78 -1.30 0.00	16.23 -1.37 0.00	17.23 -1.48 0.00	17.88 -1.68 0.00	20.24 -2.36 0.00	26.45 -3.28 0.00	19.58 -2.69 0.00	16.89 -2.06 0.00	17.55 -1.31 0.00	16.97 -0.83 0.00
SYNERGY___BIOGAS 323694	19.69 -0.18 0.00	18.31 -0.25 0.00	18.23 -0.25 0.00	18.81 -0.20 0.00	18.23 -0.28 0.00	20.84 -0.12 0.00	20.56 -0.35 0.00	26.01 -0.92 0.00	21.71 -0.75 0.00	18.97 -0.38 0.00	16.85 -0.52 0.00	12.24 -0.43 0.00	11.09 -0.49 0.00	14.74 -0.65 0.00	16.42 -0.66 0.00	17.06 -0.53 0.00	18.17 -0.53 0.00	18.90 -0.65 0.00	21.48 -1.12 0.00	28.14 -1.60 0.00	20.82 -1.45 0.00	17.90 -1.06 0.00	18.41 -0.44 0.00	17.66 -0.13 0.00
SYRACUSE___ENERGY_ST1 323597	19.93 0.06 0.00	18.59 0.03 0.00	18.51 0.04 0.00	19.04 0.03 0.00	18.50 -0.01 0.00	20.98 0.03 0.00	20.92 0.01 0.00	26.94 0.01 0.00	22.43 -0.03 0.00	19.32 -0.03 0.00	17.31 -0.07 0.00	12.62 -0.05 0.00	11.53 -0.04 0.00	15.33 -0.06 0.00	17.00 -0.08 0.00	17.53 -0.07 0.00	18.67 -0.03 0.00	19.50 -0.05 0.00	22.48 -0.12 0.00	29.61 -0.13 0.00	22.09 -0.18 0.00	18.86 -0.09 0.00	18.83 -0.03 0.00	17.74 -0.06 0.00

SYRACUSE___ENERGY_ST2 323598	19.93 0.06 0.00	18.59 0.03 0.00	18.51 0.04 0.00	19.04 0.03 0.00	18.50 -0.01 0.00	20.98 0.03 0.00	20.92 0.01 0.00	26.94 0.01 0.00	22.43 -0.03 0.00	19.32 -0.03 0.00	17.31 -0.07 0.00	12.62 -0.05 0.00	11.53 -0.04 0.00	15.33 -0.06 0.00	17.00 -0.08 0.00	17.53 -0.07 0.00	18.67 -0.03 0.00	19.50 -0.05 0.00	22.48 -0.12 0.00	29.61 -0.13 0.00	22.09 -0.18 0.00	18.86 -0.09 0.00	18.83 -0.03 0.00	17.74 -0.06 0.00
SYRACUSE___POWER 24017	19.86 0.00 0.00	18.54 -0.03 0.00	18.45 -0.03 0.00	18.98 -0.04 0.00	18.44 -0.07 0.00	20.91 -0.04 0.00	20.86 -0.05 0.00	26.88 -0.05 0.00	22.38 -0.08 0.00	19.28 -0.07 0.00	17.27 -0.11 0.00	12.59 -0.08 0.00	11.50 -0.07 0.00	15.30 -0.10 0.00	16.96 -0.12 0.00	17.48 -0.11 0.00	18.62 -0.08 0.00	19.45 -0.10 0.00	22.43 -0.17 0.00	29.53 -0.20 0.00	22.04 -0.23 0.00	18.81 -0.14 0.00	18.77 -0.09 0.00	17.68 -0.11 0.00
TALLMAN__138KV_BK151 55660	20.07 0.20 0.00	18.72 0.16 0.00	18.58 0.10 0.00	19.14 0.13 0.00	18.69 0.19 0.00	21.32 0.37 0.00	21.33 0.42 0.00	27.82 0.89 0.00	23.07 0.61 0.00	19.89 0.54 0.00	17.92 0.54 0.00	16.29 0.42 -3.20	12.31 0.40 -0.35	15.92 0.53 0.00	17.67 0.58 0.00	18.20 0.60 0.00	19.29 0.59 0.00	20.08 0.53 0.00	23.28 0.67 0.00	30.78 1.04 0.00	23.01 0.73 0.00	19.53 0.58 0.00	19.38 0.52 0.00	18.20 0.40 0.00
TEALLAVE_115KV_TB7 355573	19.75 -0.11 0.00	18.44 -0.13 0.00	18.35 -0.12 0.00	18.88 -0.13 0.00	18.33 -0.17 0.00	20.77 -0.18 0.00	20.72 -0.19 0.00	26.68 -0.25 0.00	22.23 -0.23 0.00	19.16 -0.19 0.00	17.18 -0.20 0.00	12.52 -0.14 0.00	11.44 -0.13 0.00	15.22 -0.17 0.00	16.88 -0.20 0.00	17.40 -0.20 0.00	18.51 -0.19 0.00	19.33 -0.22 0.00	22.28 -0.32 0.00	29.32 -0.42 0.00	21.89 -0.38 0.00	18.68 -0.27 0.00	18.66 -0.20 0.00	17.58 -0.22 0.00
TELGRAPH_34_KV_EAST 80808	19.40 -0.46 0.00	18.05 -0.51 0.00	17.96 -0.52 0.00	18.54 -0.47 0.00	17.95 -0.55 0.00	20.51 -0.44 0.00	20.16 -0.74 0.00	25.34 -1.59 0.00	21.14 -1.32 0.00	18.57 -0.78 0.00	16.55 -0.83 0.00	12.06 -0.61 0.00	10.95 -0.63 0.00	14.57 -0.82 0.00	16.22 -0.86 0.00	16.74 -0.86 0.00	17.79 -0.91 0.00	18.49 -1.07 0.00	20.97 -1.63 0.00	27.45 -2.28 0.00	20.31 -1.96 0.00	17.50 -1.46 0.00	18.08 -0.78 0.00	17.39 -0.40 0.00
TEMPLE___115KV_TB 2 55572	19.77 -0.10 0.00	18.45 -0.12 0.00	18.37 -0.11 0.00	18.89 -0.12 0.00	18.34 -0.17 0.00	20.79 -0.16 0.00	20.73 -0.17 0.00	26.70 -0.24 0.00	22.24 -0.22 0.00	19.17 -0.17 0.00	17.19 -0.18 0.00	12.54 -0.13 0.00	11.45 -0.12 0.00	15.23 -0.16 0.00	16.89 -0.19 0.00	17.41 -0.18 0.00	18.53 -0.18 0.00	19.35 -0.21 0.00	22.29 -0.31 0.00	29.33 -0.40 0.00	21.90 -0.37 0.00	18.70 -0.26 0.00	18.67 -0.19 0.00	17.59 -0.21 0.00
TIANA____69_KV_BK 1 55817	20.18 0.31 0.00	18.79 0.22 0.00	18.59 0.11 0.00	19.14 0.12 0.00	18.70 0.19 0.00	21.60 0.65 0.00	21.77 0.86 0.00	28.41 1.47 0.00	23.33 0.87 0.00	20.17 0.82 0.00	18.08 0.70 0.00	16.63 0.49 -3.47	12.35 0.40 -0.37	16.00 0.60 0.00	17.81 0.73 0.00	18.25 0.66 0.00	19.41 0.71 0.00	20.40 0.85 0.00	23.93 1.33 0.00	31.64 1.91 0.00	23.56 1.29 0.00	20.03 1.07 0.00	19.78 0.92 0.00	18.68 0.88 0.00
TILDEN___115KV_TB1 80814	19.86 0.00 0.00	18.54 -0.03 0.00	18.45 -0.03 0.00	18.98 -0.04 0.00	18.44 -0.07 0.00	20.91 -0.04 0.00	20.86 -0.05 0.00	26.88 -0.05 0.00	22.38 -0.08 0.00	19.28 -0.07 0.00	17.27 -0.11 0.00	12.59 -0.08 0.00	11.50 -0.07 0.00	15.30 -0.10 0.00	16.96 -0.12 0.00	17.48 -0.11 0.00	18.62 -0.08 0.00	19.45 -0.10 0.00	22.43 -0.17 0.00	29.53 -0.20 0.00	22.04 -0.23 0.00	18.81 -0.14 0.00	18.77 -0.09 0.00	17.68 -0.11 0.00
TRIGEN___CC 323695	20.19 0.32 0.00	18.82 0.26 0.00	18.66 0.18 0.00	19.22 0.20 0.00	18.77 0.26 0.00	21.47 0.52 0.00	21.54 0.63 0.00	28.08 1.15 0.00	23.25 0.79 0.00	20.07 0.72 0.00	18.08 0.71 0.00	16.67 0.53 -3.47	12.43 0.48 -0.37	16.05 0.66 0.00	17.83 0.74 0.00	18.33 0.73 0.00	19.45 0.75 0.00	20.28 0.72 0.00	23.55 0.95 0.00	31.13 1.40 0.00	23.28 1.01 0.00	19.80 0.85 0.00	19.61 0.75 0.00	18.42 0.63 0.00
TRINITY__115KV__ 4 BK 55933	20.01 0.15 0.00	18.72 0.16 0.00	18.67 0.19 0.00	19.23 0.21 0.00	18.76 0.26 0.00	21.24 0.29 0.00	21.22 0.31 0.00	27.59 0.65 0.00	22.88 0.42 0.00	19.59 0.24 0.00	17.60 0.22 0.00	9.72 0.17 3.12	11.38 0.15 0.34	15.59 0.20 0.00	17.29 0.20 0.00	17.80 0.20 0.00	18.90 0.20 0.00	19.78 0.22 0.00	22.99 0.38 0.00	30.37 0.64 0.00	22.76 0.49 0.00	19.39 0.43 0.00	19.21 0.36 0.00	18.12 0.32 0.00
UNION___PROCESSING_DRP 323587	19.53 -0.34 0.00	18.19 -0.37 0.00	18.10 -0.38 0.00	18.65 -0.36 0.00	18.09 -0.42 0.00	20.60 -0.35 0.00	20.41 -0.50 0.00	25.95 -0.99 0.00	21.61 -0.85 0.00	18.82 -0.53 0.00	16.83 -0.55 0.00	12.27 -0.40 0.00	11.18 -0.39 0.00	14.87 -0.52 0.00	16.55 -0.54 0.00	17.07 -0.53 0.00	18.15 -0.55 0.00	18.90 -0.65 0.00	21.59 -1.01 0.00	28.32 -1.41 0.00	21.06 -1.21 0.00	18.05 -0.91 0.00	18.35 -0.51 0.00	17.47 -0.32 0.00
UPPER HUDSON___HYD 24058	20.18 0.32 0.00	18.87 0.31 0.00	18.78 0.30 0.00	19.33 0.32 0.00	18.90 0.40 0.00	21.49 0.54 0.00	21.59 0.68 0.00	28.14 1.20 0.00	23.35 0.89 0.00	19.86 0.51 0.00	17.69 0.31 0.00	9.77 0.17 3.06	11.40 0.16 0.33	15.58 0.18 0.00	17.27 0.19 0.00	17.82 0.23 0.00	19.01 0.30 0.00	20.09 0.54 0.00	23.48 0.88 0.00	31.04 1.31 0.00	23.22 0.95 0.00	19.67 0.72 0.00	19.43 0.57 0.00	18.28 0.48 0.00
UPPER RAQUET___HYD 24056	19.58 -0.28 0.00	18.40 -0.16 0.00	18.28 -0.20 0.00	18.81 -0.20 0.00	18.33 -0.17 0.00	20.72 -0.23 0.00	20.75 -0.16 0.00	26.55 -0.38 0.00	22.18 -0.28 0.00	19.03 -0.32 0.00	17.02 -0.36 0.00	12.38 -0.29 0.00	11.29 -0.28 0.00	15.03 -0.37 0.00	16.75 -0.34 0.00	17.28 -0.32 0.00	18.50 -0.20 0.00	19.45 -0.10 0.00	22.42 -0.18 0.00	29.39 -0.34 0.00	21.99 -0.28 0.00	18.61 -0.34 0.00	18.45 -0.41 0.00	17.51 -0.29 0.00
VALLEY44_115KV_TB2 355964	20.06 0.20 0.00	18.68 0.12 0.00	18.59 0.11 0.00	19.17 0.16 0.00	18.56 0.05 0.00	21.27 0.33 0.00	20.95 0.04 0.00	26.60 -0.33 0.00	22.20 -0.26 0.00	19.50 0.15 0.00	17.48 0.10 0.00	12.79 0.12 0.00	11.73 0.16 0.00	15.75 0.35 0.00	17.45 0.37 0.00	17.93 0.33 0.00	18.85 0.15 0.00	19.32 -0.23 0.00	21.92 -0.68 0.00	28.77 -0.96 0.00	21.32 -0.95 0.00	18.44 -0.51 0.00	18.90 0.04 0.00	17.97 0.17 0.00
VALLEY___115KV_TB 1-4 80826	19.46 -0.40 0.00	18.13 -0.43 0.00	18.10 -0.38 0.00	18.61 -0.40 0.00	18.19 -0.32 0.00	20.66 -0.29 0.00	20.79 -0.12 0.00	27.06 0.12 0.00	22.43 -0.03 0.00	19.15 -0.20 0.00	17.13 -0.25 0.00	12.47 -0.20 0.00	11.38 -0.19 0.00	15.14 -0.26 0.00	16.80 -0.29 0.00	17.31 -0.28 0.00	18.42 -0.28 0.00	19.36 -0.20 0.00	22.55 -0.05 0.00	29.83 0.10 0.00	22.31 0.04 0.00	18.75 -0.20 0.00	18.51 -0.35 0.00	17.33 -0.47 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.15 0.29 0.00	18.80 0.23 0.00	18.72 0.24 0.00	19.28 0.27 0.00	18.79 0.28 0.00	21.38 0.43 0.00	21.37 0.46 0.00	27.67 0.74 0.00	23.00 0.53 0.00	19.81 0.46 0.00	17.77 0.39 0.00	12.95 0.28 0.00	11.83 0.26 0.00	15.74 0.35 0.00	17.46 0.38 0.00	18.07 0.48 0.00	19.11 0.40 0.00	19.97 0.42 0.00	23.10 0.50 0.00	30.45 0.71 0.00	22.72 0.45 0.00	19.31 0.35 0.00	19.20 0.34 0.00	18.07 0.27 0.00
VISCHER___FERRY HYD 24020	19.99 0.12 0.00	18.69 0.13 0.00	18.62 0.14 0.00	19.16 0.14 0.00	18.71 0.21 0.00	21.18 0.23 0.00	21.18 0.27 0.00	27.54 0.61 0.00	22.83 0.37 0.00	19.50 0.15 0.00	17.49 0.11 0.00	8.51 0.08 4.23	11.17 0.06 0.46	15.47 0.07 0.00	17.15 0.07 0.00	17.67 0.08 0.00	18.77 0.07 0.00	19.68 0.13 0.00	22.91 0.31 0.00	30.30 0.56 0.00	22.71 0.44 0.00	19.33 0.38 0.00	19.14 0.29 0.00	18.05 0.25 0.00
V_A_10_SYNC_DSASP 323832	19.12 -0.74 0.00	17.81 -0.75 0.00	17.72 -0.76 0.00	18.28 -0.74 0.00	17.70 -0.81 0.00	20.18 -0.77 0.00	19.86 -1.06 0.00	25.02 -1.91 0.00	20.86 -1.60 0.00	18.32 -1.03 0.00	16.42 -0.96 0.00	11.96 -0.71 0.00	10.90 -0.67 0.00	14.51 -0.89 0.00	16.15 -0.93 0.00	16.59 -1.01 0.00	17.60 -1.11 0.00	18.27 -1.28 0.00	20.76 -1.84 0.00	27.19 -2.54 0.00	20.18 -2.09 0.00	17.37 -1.59 0.00	17.86 -1.01 0.00	17.13 -0.67 0.00
V_CMM_10_SYNC_DSASP 323787	20.07 0.21 0.00	18.76 0.20 0.00	18.67 0.19 0.00	19.20 0.19 0.00	18.67 0.17 0.00	21.08 0.13 0.00	21.02 0.11 0.00	26.87 -0.07 0.00	22.48 0.02 0.00	19.44 0.09 0.00	17.47 0.09 0.00	12.72 0.05 0.00	11.61 0.04 0.00	15.46 0.07 0.00	17.19 0.10 0.00	17.70 0.10 0.00	18.86 0.15 0.00	19.72 0.17 0.00	22.72 0.12 0.00	29.76 0.03 0.00	22.32 0.05 0.00	18.97 0.01 0.00	18.91 0.05 0.00	17.94 0.14 0.00
V_CMP_10_SYNC_DSASP 323788	20.63 0.77 0.00	19.23 0.67 0.00	19.03 0.55 0.00	19.58 0.57 0.00	19.01 0.50 0.00	21.31 0.36 0.00	21.27 0.36 0.00	27.45 0.52 0.00	22.91 0.45 0.00	19.73 0.38 0.00	17.77 0.39 0.00	12.93 0.26 0.00	11.79 0.21 0.00	15.65 0.25 0.00	17.41 0.32 0.00	17.98 0.39 0.00	19.25 0.54 0.00	20.26 0.71 0.00	23.41 0.81 0.00	30.68 0.95 0.00	22.99 0.72 0.00	19.46 0.50 0.00	19.20 0.34 0.00	18.15 0.36 0.00
V_D_10_SYNC_DSASP 323841	20.13 0.27 0.00	18.84 0.27 0.00	18.73 0.25 0.00	19.27 0.26 0.00	18.75 0.24 0.00	21.17 0.22 0.00	21.12 0.21 0.00	27.00 0.06 0.00	22.58 0.12 0.00	19.49 0.14 0.00	17.51 0.12 0.00	12.74 0.07 0.00	11.63 0.06 0.00	15.49 0.10 0.00	17.22 0.14 0.00	17.74 0.15 0.00	18.92 0.22 0.00	19.81 0.26 0.00	22.83 0.22 0.00	29.90 0.17 0.00	22.40 0.12 0.00	19.03 0.07 0.00	18.95 0.09 0.00	17.99 0.20 0.00
V_E_10_SYNC_DSASP 323830	21.12 1.26 0.00	19.61 1.05 0.00	19.67 1.19 0.00	20.26 1.25 0.00	19.86 1.35 0.00	22.84 1.89 0.00	22.91 2.00 0.00	29.64 2.70 0.00	24.49 2.03 0.00	20.79 1.44 0.00	18.33 0.95 0.00	13.29 0.62 0.00	12.14 0.57 0.00	16.18 0.78 0.00	17.88 0.80 0.00	18.46 0.87 0.00	19.97 1.26 0.00	21.10 1.54 0.00	24.40 1.80 0.00	32.05 2.32 0.00	23.54 1.27 0.00	19.91 0.96 0.00	19.90 1.04 0.00	18.74 0.94 0.00
V_F_30_NSYNC___DSASP 323816	20.24 0.38 0.00	18.92 0.35 0.00	18.83 0.35 0.00	19.38 0.37 0.00	18.93 0.43 0.00	21.49 0.54 0.00	21.53 0.62 0.00	27.98 1.04 0.00	23.20 0.74 0.00	19.79 0.45 0.00	17.70 0.32 0.00	9.62 0.20 3.25	11.40 0.18 0.35	15.63 0.23 0.00	17.33 0.25 0.00	17.87 0.27 0.00	19.03 0.32 0.00	20.04 0.48 0.00	23.32 0.72 0.00	30.83 1.09 0.00	23.06 0.79 0.00	19.60 0.64 0.00	19.40 0.54 0.00	18.27 0.47 0.00
V_F_30_SYNC_DSASP 323786	20.10 0.23 0.00	18.80 0.24 0.00	18.76 0.28 0.00	19.32 0.30 0.00	18.85 0.35 0.00	21.34 0.39 0.00	21.33 0.43 0.00	27.74 0.80 0.00	23.01 0.55 0.00	19.70 0.35 0.00	17.69 0.31 0.00	9.66 0.23 3.24	11.42 0.20 0.35	15.67 0.27 0.00	17.37 0.29 0.00	17.89 0.30 0.00	19.01 0.31 0.00	19.89 0.34 0.00	23.12 0.52 0.00	30.54 0.81 0.00	22.88 0.61 0.00	19.49 0.53 0.00	19.31 0.45 0.00	18.20 0.40 0.00
V_XM_10_SYNC_DSASP 323789	20.63 0.77 0.00	19.23 0.67 0.00	19.03 0.55 0.00	19.58 0.57 0.00	19.01 0.50 0.00	21.31 0.36 0.00	21.27 0.36 0.00	27.45 0.52 0.00	22.91 0.45 0.00	19.73 0.38 0.00	17.77 0.39 0.00	12.93 0.26 0.00	11.79 0.21 0.00	15.65 0.25 0.00	17.41 0.32 0.00	17.98 0.39 0.00	19.25 0.54 0.00	20.26 0.71 0.00	23.41 0.81 0.00	30.68 0.95 0.00	22.99 0.72 0.00	19.46 0.50 0.00	19.20 0.34 0.00	18.15 0.36 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.13 0.26 0.00	18.78 0.21 0.00	18.64 0.16 0.00	19.19 0.18 0.00	18.74 0.24 0.00	21.38 0.43 0.00	21.39 0.48 0.00	27.90 0.97 0.00	23.14 0.68 0.00	19.95 0.60 0.00	17.97 0.59 0.00	16.37 0.46 -3.24	12.35 0.43 -0.35	15.96 0.57 0.00	17.71 0.63 0.00	18.25 0.66 0.00	19.34 0.63 0.00	20.14 0.59 0.00	23.35 0.75 0.00	30.87 1.14 0.00	23.08 0.81 0.00	19.59 0.64 0.00	19.44 0.58 0.00	18.25 0.45 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.08 0.21 0.00	18.75 0.18 0.00	18.60 0.12 0.00	19.17 0.15 0.00	18.73 0.23 0.00	21.33 0.38 0.00	21.37 0.46 0.00	27.94 1.01 0.00	23.19 0.73 0.00	20.02 0.67 0.00	18.07 0.69 0.00	16.70 0.56 -3.47	12.48 0.53 -0.38	16.09 0.69 0.00	17.80 0.72 0.00	18.33 0.74 0.00	19.43 0.72 0.00	20.22 0.66 0.00	23.41 0.81 0.00	30.93 1.20 0.00	23.14 0.87 0.00	19.64 0.69 0.00	19.45 0.59 0.00	18.26 0.47 0.00
W50THST__13_KV_LOAD 356117	20.19 0.33 0.00	18.85 0.28 0.00	18.70 0.22 0.00	19.27 0.26 0.00	18.83 0.33 0.00	21.45 0.50 0.00	21.51 0.61 0.00	28.13 1.20 0.00	23.36 0.90 0.00	20.17 0.82 0.00	18.21 0.83 0.00	16.80 0.66 -3.47	12.58 0.64 -0.38	16.23 0.84 0.00	17.95 0.87 0.00	18.49 0.89 0.00	19.59 0.88 0.00	20.37 0.82 0.00	23.58 0.98 0.00	31.14 1.41 0.00	23.28 1.01 0.00	19.75 0.79 0.00	19.55 0.69 0.00	18.35 0.55 0.00
WADING RIVER_IC_1 23522	20.01 0.15 0.00	18.64 0.08 0.00	18.45 -0.02 0.00	19.00 -0.01 0.00	18.57 0.06 0.00	21.48 0.53 0.00	21.63 0.72 0.00	28.19 1.26 0.00	23.11 0.65 0.00	19.98 0.63 0.00	17.91 0.53 0.00	16.52 0.38 -3.47	12.25 0.30 -0.37	15.88 0.48 0.00	17.68 0.60 0.00	18.11 0.51 0.00	19.24 0.54 0.00	20.23 0.68 0.00	23.76 1.16 0.00	31.37 1.64 0.00	23.36 1.09 0.00	19.85 0.90 0.00	19.60 0.75 0.00	18.56 0.76 0.00
WADING RIVER_IC_2 23547	20.01 0.15 0.00	18.64 0.08 0.00	18.45 -0.02 0.00	19.00 -0.01 0.00	18.57 0.06 0.00	21.48 0.53 0.00	21.63 0.72 0.00	28.19 1.26 0.00	23.11 0.65 0.00	19.98 0.63 0.00	17.91 0.53 0.00	16.52 0.38 -3.47	12.25 0.30 -0.37	15.88 0.48 0.00	17.68 0.60 0.00	18.11 0.51 0.00	19.24 0.54 0.00	20.23 0.68 0.00	23.76 1.16 0.00	31.37 1.64 0.00	23.36 1.09 0.00	19.85 0.90 0.00	19.60 0.75 0.00	18.56 0.76 0.00

WADING RIVER_IC_3 23601	20.01 0.15 0.00	18.64 0.08 0.00	18.45 -0.02 0.00	19.00 -0.01 0.00	18.57 0.06 0.00	21.48 0.53 0.00	21.63 0.72 0.00	28.19 1.26 0.00	23.11 0.65 0.00	19.98 0.63 0.00	17.91 0.53 0.00	16.52 0.38 -3.47	12.25 0.30 -0.37	15.88 0.48 0.00	17.68 0.60 0.00	18.11 0.51 0.00	19.24 0.54 0.00	20.23 0.68 0.00	23.76 1.16 0.00	31.37 1.64 0.00	23.36 1.09 0.00	19.85 0.90 0.00	19.60 0.75 0.00	18.56 0.76 0.00
WALDENNY_I2_KV_BK2 80841	19.62 -0.25 0.00	18.25 -0.31 0.00	18.15 -0.33 0.00	18.72 -0.29 0.00	18.13 -0.38 0.00	20.73 -0.22 0.00	20.36 -0.55 0.00	25.60 -1.33 0.00	21.38 -1.08 0.00	18.84 -0.50 0.00	16.81 -0.57 0.00	12.25 -0.42 0.00	11.17 -0.40 0.00	14.92 -0.47 0.00	16.57 -0.52 0.00	17.01 -0.59 0.00	18.02 -0.68 0.00	18.69 -0.86 0.00	21.15 -1.45 0.00	27.67 -2.07 0.00	20.44 -1.83 0.00	17.63 -1.33 0.00	18.19 -0.67 0.00	17.52 -0.28 0.00
WALDEN___HYDRO 24148	20.17 0.30 0.00	18.82 0.25 0.00	18.68 0.21 0.00	19.24 0.23 0.00	18.78 0.28 0.00	21.41 0.46 0.00	21.43 0.52 0.00	27.94 1.01 0.00	23.13 0.67 0.00	19.85 0.50 0.00	17.83 0.46 0.00	16.13 0.34 -3.13	12.22 0.32 -0.33	15.82 0.42 0.00	17.55 0.47 0.00	18.08 0.49 0.00	19.18 0.47 0.00	20.03 0.47 0.00	23.30 0.70 0.00	30.89 1.16 0.00	23.11 0.84 0.00	19.63 0.67 0.00	19.45 0.59 0.00	18.27 0.47 0.00
WARRENSBURG____ 23737	20.18 0.32 0.00	18.87 0.31 0.00	18.78 0.30 0.00	19.33 0.32 0.00	18.90 0.40 0.00	21.49 0.54 0.00	21.59 0.68 0.00	28.14 1.20 0.00	23.35 0.89 0.00	19.86 0.51 0.00	17.69 0.31 0.00	9.77 0.17 3.06	11.40 0.16 0.33	15.58 0.18 0.00	17.27 0.19 0.00	17.82 0.23 0.00	19.01 0.30 0.00	20.09 0.54 0.00	23.48 0.88 0.00	31.04 1.31 0.00	23.22 0.95 0.00	19.67 0.72 0.00	19.43 0.57 0.00	18.28 0.48 0.00
WATERSIDE___6 8 9 23538	20.06 0.20 0.00	18.73 0.16 0.00	18.58 0.10 0.00	19.14 0.12 0.00	18.70 0.20 0.00	21.30 0.35 0.00	21.36 0.45 0.00	27.90 0.97 0.00	23.22 0.76 0.00	20.03 0.68 0.00	18.07 0.69 0.00	16.71 0.57 -3.47	12.49 0.54 -0.38	16.09 0.70 0.00	17.80 0.72 0.00	18.33 0.73 0.00	19.42 0.72 0.00	20.22 0.67 0.00	23.41 0.81 0.00	30.94 1.20 0.00	23.14 0.87 0.00	19.64 0.69 0.00	19.45 0.59 0.00	18.26 0.47 0.00
WATKINRD_115KV_LN8_IL 55919	19.63 -0.23 0.00	18.32 -0.24 0.00	18.26 -0.22 0.00	18.79 -0.22 0.00	18.34 -0.16 0.00	20.81 -0.14 0.00	20.87 -0.04 0.00	27.09 0.15 0.00	22.49 0.03 0.00	19.24 -0.11 0.00	17.21 -0.16 0.00	12.54 -0.13 0.00	11.44 -0.13 0.00	15.22 -0.17 0.00	16.89 -0.20 0.00	17.40 -0.19 0.00	18.51 -0.19 0.00	19.43 -0.13 0.00	22.60 0.00 0.00	29.85 0.11 0.00	22.35 0.08 0.00	18.93 -0.03 0.00	18.73 -0.12 0.00	17.59 -0.21 0.00
WATSON___69_KV_BK 1 55734	20.43 0.57 0.00	19.02 0.46 0.00	18.84 0.37 0.00	19.41 0.40 0.00	18.96 0.46 0.00	21.77 0.83 0.00	21.90 0.99 0.00	28.55 1.62 0.00	23.55 1.09 0.00	20.36 1.01 0.00	18.28 0.90 0.00	16.79 0.65 -3.47	12.50 0.56 -0.37	16.17 0.78 0.00	18.00 0.92 0.00	18.47 0.88 0.00	19.64 0.93 0.00	20.55 1.00 0.00	23.97 1.37 0.00	31.72 1.99 0.00	23.69 1.42 0.00	20.15 1.20 0.00	19.94 1.09 0.00	18.76 0.96 0.00
WDELAWARE___HYD 323627	20.69 0.83 0.00	19.28 0.71 0.00	19.13 0.65 0.00	19.70 0.68 0.00	19.25 0.74 0.00	21.98 1.03 0.00	22.01 1.10 0.00	28.65 1.72 0.00	23.77 1.31 0.00	20.36 1.01 0.00	18.26 0.88 0.00	15.39 0.62 -2.11	12.37 0.56 -0.23	16.15 0.75 0.00	17.92 0.83 0.00	18.47 0.87 0.00	19.60 0.90 0.00	20.51 0.96 0.00	23.87 1.27 0.00	31.57 1.84 0.00	23.58 1.31 0.00	20.01 1.06 0.00	19.84 0.98 0.00	18.65 0.85 0.00
WEST BABYLON___IC 23714	20.39 0.52 0.00	18.99 0.43 0.00	18.82 0.34 0.00	19.39 0.38 0.00	18.93 0.43 0.00	21.71 0.76 0.00	21.84 0.93 0.00	28.46 1.52 0.00	23.51 1.05 0.00	20.31 0.96 0.00	18.25 0.87 0.00	16.77 0.63 -3.47	12.49 0.55 -0.37	16.15 0.75 0.00	17.97 0.89 0.00	18.45 0.86 0.00	19.61 0.90 0.00	20.50 0.94 0.00	23.88 1.28 0.00	31.59 1.86 0.00	23.61 1.34 0.00	20.09 1.13 0.00	19.88 1.03 0.00	18.69 0.89 0.00
WEST CANADA___HYD 24049	19.80 -0.06 0.00	18.51 -0.06 0.00	18.43 -0.05 0.00	18.97 -0.04 0.00	18.48 -0.02 0.00	20.93 -0.02 0.00	20.91 0.00 0.00	27.01 0.08 0.00	22.48 0.02 0.00	19.33 -0.02 0.00	17.36 -0.02 0.00	12.66 -0.01 0.00	11.56 -0.01 0.00	15.38 -0.02 0.00	17.07 -0.02 0.00	17.58 -0.02 0.00	18.68 -0.02 0.00	19.54 -0.02 0.00	22.62 0.02 0.00	29.81 0.07 0.00	22.32 0.04 0.00	18.98 0.03 0.00	18.86 0.00 0.00	17.77 -0.03 0.00
WESTERN_NY_WIND 24143	19.66 -0.20 0.00	18.29 -0.27 0.00	18.21 -0.27 0.00	18.78 -0.23 0.00	18.20 -0.31 0.00	20.81 -0.14 0.00	20.52 -0.39 0.00	25.96 -0.97 0.00	21.68 -0.78 0.00	18.94 -0.40 0.00	16.81 -0.58 0.00	12.22 -0.44 0.00	11.07 -0.50 0.00	14.72 -0.68 0.00	16.39 -0.70 0.00	17.04 -0.56 0.00	18.13 -0.57 0.00	18.86 -0.69 0.00	21.43 -1.17 0.00	28.07 -1.66 0.00	20.77 -1.50 0.00	17.86 -1.09 0.00	18.39 -0.47 0.00	17.64 -0.15 0.00
WESTOVER___LESR 323668	19.90 0.03 0.00	18.53 -0.03 0.00	18.45 -0.03 0.00	18.99 -0.02 0.00	18.48 -0.02 0.00	21.08 0.13 0.00	20.98 0.07 0.00	27.14 0.21 0.00	22.57 0.11 0.00	19.48 0.13 0.00	17.40 0.02 0.00	12.68 0.01 0.00	11.62 0.05 0.00	15.46 0.07 0.00	17.14 0.06 0.00	17.67 0.08 0.00	18.75 0.04 0.00	19.56 0.01 0.00	22.63 0.02 0.00	29.79 0.06 0.00	22.19 -0.08 0.00	18.96 0.00 0.00	18.91 0.05 0.00	17.75 -0.05 0.00
WETHRSFD_WT_PWR 323626	19.42 -0.44 0.00	18.07 -0.50 0.00	17.99 -0.49 0.00	18.55 -0.46 0.00	17.97 -0.54 0.00	20.54 -0.40 0.00	20.16 -0.75 0.00	25.30 -1.63 0.00	21.14 -1.32 0.00	18.63 -0.72 0.00	16.66 -0.72 0.00	12.13 -0.54 0.00	11.05 -0.52 0.00	14.74 -0.65 0.00	16.39 -0.70 0.00	16.82 -0.77 0.00	17.83 -0.88 0.00	18.46 -1.09 0.00	20.75 -1.85 0.00	27.16 -2.57 0.00	20.08 -2.19 0.00	17.32 -1.64 0.00	17.91 -0.95 0.00	17.20 -0.59 0.00
WHAVSTOR_138KV_BK127 55557	20.05 0.18 0.00	18.70 0.14 0.00	18.57 0.09 0.00	19.13 0.11 0.00	18.68 0.17 0.00	21.30 0.34 0.00	21.31 0.40 0.00	27.79 0.86 0.00	23.05 0.58 0.00	19.86 0.52 0.00	17.90 0.52 0.00	16.32 0.41 -3.24	12.30 0.38 -0.35	15.90 0.50 0.00	17.64 0.56 0.00	18.17 0.58 0.00	19.25 0.55 0.00	20.05 0.49 0.00	23.25 0.65 0.00	30.74 1.01 0.00	22.98 0.71 0.00	19.51 0.56 0.00	19.36 0.50 0.00	18.18 0.39 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.05 0.18 0.00	18.70 0.14 0.00	18.57 0.09 0.00	19.13 0.11 0.00	18.68 0.17 0.00	21.30 0.34 0.00	21.31 0.40 0.00	27.79 0.86 0.00	23.05 0.58 0.00	19.86 0.52 0.00	17.90 0.52 0.00	16.32 0.41 -3.24	12.30 0.38 -0.35	15.90 0.50 0.00	17.64 0.56 0.00	18.17 0.58 0.00	19.25 0.55 0.00	20.05 0.49 0.00	23.25 0.65 0.00	30.74 1.01 0.00	22.98 0.71 0.00	19.51 0.56 0.00	19.36 0.50 0.00	18.18 0.39 0.00

WHITEHAL_115KV_TB1 80871	20.29 0.42 0.00	19.00 0.43 0.00	18.88 0.40 0.00	19.44 0.43 0.00	19.10 0.59 0.00	21.74 0.79 0.00	21.88 0.97 0.00	28.72 1.79 0.00	24.02 1.56 0.00	20.23 0.88 0.00	17.89 0.51 0.00	9.71 0.18 3.14	11.40 0.17 0.34	15.65 0.25 0.00	17.36 0.27 0.00	17.92 0.32 0.00	19.14 0.44 0.00	20.46 0.91 0.00	24.17 1.56 0.00	31.96 2.23 0.00	23.91 1.64 0.00	20.17 1.22 0.00	19.80 0.94 0.00	18.62 0.83 0.00
WHITEPLN_13_KV_LOAD 356215	20.24 0.37 0.00	18.87 0.30 0.00	18.74 0.26 0.00	19.30 0.29 0.00	18.85 0.35 0.00	21.47 0.52 0.00	21.53 0.62 0.00	28.12 1.19 0.00	23.34 0.88 0.00	20.10 0.75 0.00	18.11 0.73 0.00	16.69 0.57 -3.45	12.47 0.53 -0.37	16.09 0.69 0.00	17.83 0.75 0.00	18.37 0.78 0.00	19.48 0.78 0.00	20.30 0.75 0.00	23.53 0.93 0.00	31.11 1.38 0.00	23.27 1.00 0.00	19.76 0.80 0.00	19.57 0.71 0.00	18.38 0.58 0.00
WM_FLOYD_69_KV_BK2 356380	20.17 0.31 0.00	18.78 0.22 0.00	18.60 0.12 0.00	19.15 0.14 0.00	18.71 0.21 0.00	21.58 0.63 0.00	21.72 0.81 0.00	28.31 1.37 0.00	23.26 0.80 0.00	20.10 0.75 0.00	18.04 0.66 0.00	16.60 0.46 -3.47	12.32 0.38 -0.37	15.96 0.56 0.00	17.78 0.69 0.00	18.23 0.63 0.00	19.37 0.67 0.00	20.34 0.79 0.00	23.81 1.21 0.00	31.49 1.76 0.00	23.47 1.20 0.00	19.96 1.00 0.00	19.73 0.88 0.00	18.64 0.84 0.00
WOODARD__115KV_TB2 355635	19.72 -0.15 0.00	18.40 -0.16 0.00	18.32 -0.16 0.00	18.84 -0.17 0.00	18.30 -0.21 0.00	20.73 -0.22 0.00	20.67 -0.24 0.00	26.60 -0.33 0.00	22.17 -0.29 0.00	19.11 -0.24 0.00	17.14 -0.23 0.00	12.50 -0.17 0.00	11.42 -0.15 0.00	15.19 -0.21 0.00	16.84 -0.24 0.00	17.36 -0.24 0.00	18.47 -0.24 0.00	19.29 -0.27 0.00	22.22 -0.38 0.00	29.25 -0.48 0.00	21.86 -0.42 0.00	18.65 -0.31 0.00	18.61 -0.24 0.00	17.54 -0.25 0.00
YORK__WARBASSE 23770	20.19 0.32 0.00	18.82 0.26 0.00	18.66 0.19 0.00	19.21 0.20 0.00	18.79 0.28 0.00	21.40 0.45 0.00	21.46 0.55 0.00	28.04 1.11 0.00	23.37 0.92 0.00	20.17 0.81 0.00	18.19 0.81 0.00	16.79 0.65 -3.47	12.55 0.61 -0.38	16.18 0.78 0.00	17.92 0.83 0.00	18.45 0.85 0.00	19.55 0.84 0.00	20.35 0.79 0.00	23.57 0.96 0.00	31.15 1.42 0.00	23.25 0.98 0.00	19.74 0.78 0.00	19.55 0.69 0.00	18.36 0.56 0.00