

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/29/2023

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	18.95	14.46	18.22	13.80	12.81	16.35	17.07	13.43	14.51	16.21	15.49	16.66	18.08	17.95	18.25	19.71	24.96	24.48	30.65	28.26	22.11	21.04	21.91	17.25
24138	1.20	0.86	1.00	0.82	0.74	0.87	0.96	0.81	0.92	1.03	1.07	1.17	1.31	1.31	1.34	1.43	1.72	1.70	2.00	1.71	1.41	1.31	1.46	1.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.11
74TH STREET_GT_1	19.00	14.49	18.26	13.83	12.83	16.38	17.10	13.46	14.54	16.24	15.50	16.68	18.11	17.98	18.28	19.75	25.00	24.54	30.73	28.34	22.17	21.10	21.95	17.27
24260	1.25	0.89	1.04	0.84	0.76	0.91	0.99	0.83	0.95	1.06	1.08	1.19	1.34	1.34	1.37	1.46	1.76	1.75	2.08	1.79	1.47	1.37	1.51	1.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.11
74TH STREET_GT_2	19.00	14.49	18.26	13.83	12.83	16.38	17.10	13.46	14.54	16.24	15.50	16.68	18.11	17.98	18.28	19.75	25.00	24.54	30.73	28.34	22.17	21.10	21.95	17.27
24261	1.25	0.89	1.04	0.84	0.76	0.91	0.99	0.83	0.95	1.06	1.08	1.19	1.34	1.34	1.37	1.46	1.76	1.75	2.08	1.79	1.47	1.37	1.51	1.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.11
ADK HUDSON___FALLS	19.27	14.74	18.61	14.06	13.05	16.73	17.42	13.58	14.61	16.23	15.37	16.51	17.94	17.70	17.99	19.45	24.96	24.69	31.30	28.99	22.59	21.52	22.19	17.79
24011	1.52	1.14	1.39	1.07	0.99	1.25	1.31	0.96	1.02	1.05	0.94	1.02	1.17	1.06	1.07	1.17	1.72	1.90	2.64	2.44	1.90	1.80	1.74	1.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.46
ADK RESOURCE___RCVRY	19.46	14.89	18.77	14.17	13.16	16.87	17.57	13.68	14.72	16.33	15.48	16.65	18.10	17.84	18.13	19.60	25.16	24.89	31.58	29.25	22.79	21.71	22.37	17.92
23798	1.70	1.29	1.54	1.18	1.09	1.40	1.46	1.05	1.13	1.15	1.06	1.16	1.33	1.20	1.21	1.32	1.92	2.10	2.93	2.70	2.09	1.98	1.93	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.46
ADK S GLENS___FALLS	19.27	14.74	18.61	14.06	13.05	16.73	17.42	13.58	14.61	16.23	15.37	16.51	17.94	17.70	17.99	19.45	24.96	24.69	31.30	28.99	22.59	21.52	22.19	17.79
24028	1.52	1.14	1.39	1.07	0.99	1.25	1.31	0.96	1.02	1.05	0.94	1.02	1.17	1.06	1.07	1.17	1.72	1.90	2.64	2.44	1.90	1.80	1.74	1.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.46
ADK_NYS___DAM	18.71	14.30	18.19	13.87	12.87	16.45	17.11	13.30	14.19	15.72	14.96	16.06	17.44	17.30	17.58	18.97	24.11	23.74	29.82	27.64	21.48	20.60	21.38	17.19
23527	0.95	0.70	0.97	0.88	0.81	0.98	0.99	0.68	0.60	0.54	0.54	0.56	0.68	0.66	0.66	0.69	0.87	0.95	1.16	1.09	0.78	0.87	0.93	0.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.40
AIR_PRODUCTS___DRP	18.03	13.80	17.47	13.26	12.31	15.69	16.36	12.84	13.77	15.32	14.56	15.65	16.99	16.87	17.15	18.52	23.57	23.21	29.18	27.00	21.02	20.07	20.76	16.73
24190	0.27	0.21	0.25	0.27	0.24	0.21	0.25	0.22	0.18	0.14	0.14	0.16	0.22	0.22	0.23	0.23	0.33	0.42	0.53	0.45	0.33	0.34	0.32	0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.41
AKWESSNE_115KV_BK	17.47	13.35	16.93	12.75	11.86	15.24	15.86	12.45	13.42	14.97	14.20	15.23	16.46	16.33	16.59	17.95	22.81	22.29	28.02	25.97	20.25	19.34	20.05	14.75
355683	-0.28	-0.24	-0.29	-0.24	-0.21	-0.24	-0.25	-0.17	-0.17	-0.21	-0.22	-0.25	-0.30	-0.31	-0.33	-0.34	-0.43	-0.50	-0.64	-0.58	-0.44	-0.39	-0.39	-0.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02
ALBANY___1	18.03	13.80	17.47	13.26	12.31	15.69	16.36	12.84	13.77	15.32	14.56	15.65	16.99	16.87	17.15	18.52	23.57	23.21	29.18	27.00	21.02	20.07	20.76	16.73
23571	0.27	0.21	0.25	0.27	0.24	0.21	0.25	0.22	0.18	0.14	0.14	0.16	0.22	0.22	0.23	0.23	0.33	0.42	0.53	0.45	0.33	0.34	0.32	0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.41
ALBANY___2	18.03	13.80	17.47	13.26	12.31	15.69	16.36	12.84	13.77	15.32	14.56	15.65	16.99	16.87	17.15	18.52	23.57	23.21	29.18	27.00	21.02	20.07	20.76	16.73
23572	0.27	0.21	0.25	0.27	0.24	0.21	0.25	0.22	0.18	0.14	0.14	0.16	0.22	0.22	0.23	0.23	0.33	0.42	0.53	0.45	0.33	0.34	0.32	0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.41
ALBANY___3	18.03	13.80	17.47	13.26	12.31	15.69	16.36	12.84	13.77	15.32	14.56	15.65	16.99	16.87	17.15	18.52	23.57	23.21	29.18	27.00	21.02	20.07	20.76	16.73
23573	0.27	0.21	0.25	0.27	0.24	0.21	0.25	0.22	0.18	0.14	0.14	0.16	0.22	0.22	0.23	0.23	0.33	0.42	0.53	0.45	0.33	0.34	0.32	0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.41

ALBANY___4 23574	18.03 0.27 0.00	13.80 0.21 0.00	17.47 0.25 0.00	13.26 0.27 0.00	12.31 0.24 0.00	15.69 0.21 0.00	16.36 0.25 0.00	12.84 0.22 0.00	13.77 0.18 0.00	15.32 0.14 0.00	14.56 0.14 0.00	15.65 0.16 0.00	16.99 0.22 0.00	16.87 0.22 0.00	17.15 0.23 0.00	18.52 0.23 0.00	23.57 0.33 0.00	23.21 0.42 0.00	29.18 0.53 0.00	27.00 0.45 0.00	21.02 0.33 0.00	20.07 0.34 0.00	20.76 0.32 0.00	16.73 0.22 -1.41
ALBANY___LFGE 323615	18.22 0.47 0.00	13.95 0.35 0.00	17.65 0.43 0.00	13.38 0.40 0.00	12.43 0.36 0.00	15.86 0.38 0.00	16.53 0.42 0.00	12.97 0.34 0.00	13.91 0.32 0.00	15.48 0.29 0.00	14.72 0.30 0.00	15.82 0.32 0.00	17.17 0.41 0.00	17.05 0.41 0.00	17.34 0.42 0.00	18.73 0.45 0.00	23.85 0.61 0.00	23.49 0.71 0.00	29.55 0.90 0.00	27.33 0.78 0.00	21.28 0.58 0.00	20.30 0.57 0.00	20.99 0.55 0.00	16.90 0.38 -1.42
ALCOA_PA_115KV_PL-6C 55860	17.58 -0.18 0.00	13.44 -0.16 0.00	17.04 -0.18 0.00	12.83 -0.16 0.00	11.93 -0.13 0.00	15.33 -0.14 0.00	15.96 -0.15 0.00	12.53 -0.10 0.00	13.49 -0.10 0.00	15.04 -0.14 0.00	14.27 -0.15 0.00	15.30 -0.19 0.00	16.53 -0.24 0.00	16.40 -0.24 0.00	16.66 -0.25 0.00	18.02 -0.26 0.00	22.92 -0.32 0.00	22.38 -0.40 0.00	28.15 -0.50 0.00	26.12 -0.43 0.00	20.37 -0.33 0.00	19.47 -0.26 0.00	20.18 -0.26 0.00	14.85 -0.27 -0.03
ALCOA_RYNLDS___DRP 24188	17.58 -0.18 0.00	13.44 -0.16 0.00	17.04 -0.18 0.00	12.83 -0.16 0.00	11.93 -0.13 0.00	15.33 -0.14 0.00	15.96 -0.15 0.00	12.53 -0.10 0.00	13.49 -0.10 0.00	15.04 -0.14 0.00	14.27 -0.15 0.00	15.30 -0.19 0.00	16.53 -0.24 0.00	16.40 -0.24 0.00	16.66 -0.25 0.00	18.02 -0.26 0.00	22.92 -0.32 0.00	22.38 -0.40 0.00	28.15 -0.50 0.00	26.12 -0.43 0.00	20.37 -0.33 0.00	19.47 -0.26 0.00	20.18 -0.26 0.00	14.85 -0.27 -0.03
ALCOA___DSASP 323711	17.58 -0.18 0.00	13.44 -0.16 0.00	17.04 -0.18 0.00	12.83 -0.16 0.00	11.93 -0.13 0.00	15.33 -0.14 0.00	15.96 -0.15 0.00	12.53 -0.09 0.00	13.49 -0.10 0.00	15.05 -0.13 0.00	14.27 -0.15 0.00	15.30 -0.19 0.00	16.53 -0.24 0.00	16.40 -0.24 0.00	16.66 -0.25 0.00	18.02 -0.26 0.00	22.92 -0.32 0.00	22.38 -0.40 0.00	28.15 -0.50 0.00	26.12 -0.43 0.00	20.37 -0.33 0.00	19.47 -0.26 0.00	20.18 -0.26 0.00	14.85 -0.27 -0.03
ALLEGHENY___COGEN 23514	18.45 0.69 0.00	14.24 0.64 0.00	17.99 0.77 0.00	13.51 0.52 0.00	12.57 0.50 0.00	16.21 0.74 0.00	16.77 0.66 0.00	12.98 0.36 0.00	13.83 0.24 0.00	15.60 0.41 0.00	14.76 0.33 0.00	15.86 0.36 0.00	17.13 0.36 0.00	17.01 0.37 0.00	17.33 0.41 0.00	18.81 0.53 0.00	23.86 0.62 0.00	23.38 0.59 0.00	29.38 0.72 0.00	27.63 1.08 0.00	21.77 1.07 0.00	20.70 0.97 0.00	21.35 0.91 0.00	16.01 0.71 -0.20
ALTAMONT_115KV_TB 2 55880	18.29 0.53 0.00	13.99 0.40 0.00	17.73 0.51 0.00	13.41 0.42 0.00	12.44 0.38 0.00	15.91 0.44 0.00	16.58 0.47 0.00	12.99 0.36 0.00	13.95 0.36 0.00	15.54 0.35 0.00	14.77 0.35 0.00	15.87 0.37 0.00	17.22 0.45 0.00	17.09 0.45 0.00	17.38 0.46 0.00	18.77 0.49 0.00	23.88 0.64 0.00	23.50 0.71 0.00	29.56 0.91 0.00	27.36 0.81 0.00	21.32 0.62 0.00	20.34 0.61 0.00	21.06 0.61 0.00	16.94 0.43 -1.41
ALTONA_WT_PWR 323606	17.73 -0.02 0.00	13.36 -0.23 0.00	16.88 -0.34 0.00	12.71 -0.27 0.00	11.87 -0.20 0.00	15.25 -0.22 0.00	15.91 -0.20 0.00	12.58 -0.04 0.00	13.58 -0.01 0.00	15.17 -0.02 0.00	14.43 0.01 0.00	15.46 -0.04 0.00	16.72 -0.05 0.00	16.57 -0.07 0.00	16.81 -0.11 0.00	18.19 -0.10 0.00	23.24 0.00 0.00	22.79 0.00 0.00	28.77 0.12 0.00	26.73 0.18 0.00	20.77 0.07 0.00	19.75 0.02 0.00	20.42 -0.02 0.00	14.97 -0.16 -0.02
AMERICAN_REF_FUEL 24010	17.33 -0.42 0.00	13.52 -0.07 0.00	17.07 -0.15 0.00	12.82 -0.17 0.00	11.93 -0.13 0.00	15.46 -0.02 0.00	15.93 -0.18 0.00	12.43 -0.20 0.00	13.43 -0.15 0.00	15.13 -0.05 0.00	14.22 -0.21 0.00	15.25 -0.24 0.00	16.50 -0.27 0.00	16.37 -0.27 0.00	16.64 -0.28 0.00	18.01 -0.27 0.00	22.80 -0.44 0.00	22.28 -0.51 0.00	27.79 -0.87 0.00	25.86 -0.69 0.00	20.09 -0.61 0.00	19.03 -0.70 0.00	19.73 -0.71 0.00	15.02 -0.26 -0.18
ARKWRIGHT___SUMMIT_WT_PWR 323751	17.93 0.17 0.00	13.94 0.35 0.00	17.68 0.46 0.00	13.28 0.29 0.00	12.36 0.30 0.00	15.96 0.49 0.00	16.57 0.46 0.00	12.96 0.34 0.00	14.03 0.44 0.00	15.95 0.76 0.00	15.05 0.63 0.00	16.18 0.69 0.00	17.45 0.68 0.00	17.34 0.70 0.00	17.64 0.73 0.00	19.13 0.84 0.00	24.18 0.93 0.00	23.54 0.76 0.00	29.55 0.89 0.00	27.33 0.78 0.00	21.14 0.44 0.00	19.95 0.22 0.00	20.66 0.22 0.00	15.52 0.22 -0.20
ARTHUR_KILL_GT_1 23520	19.11 1.36 0.00	14.56 0.96 0.00	18.37 1.14 0.00	13.90 0.91 0.00	12.88 0.82 0.00	16.47 1.00 0.00	17.19 1.08 0.00	13.31 0.68 0.00	14.37 0.78 0.00	16.09 0.90 0.00	15.37 0.95 0.00	16.56 1.07 0.00	17.99 1.22 0.00	17.86 1.22 0.00	18.16 1.25 0.00	19.61 1.32 0.00	24.81 1.58 0.00	24.39 1.61 0.00	30.42 1.77 0.00	28.17 1.62 0.00	22.07 1.38 0.00	21.01 1.28 0.00	21.87 1.43 0.00	17.21 1.00 -1.11
ARTHUR_KILL_2 23512	19.06 1.31 0.00	14.52 0.93 0.00	18.32 1.10 0.00	13.87 0.88 0.00	12.85 0.78 0.00	16.43 0.96 0.00	17.15 1.04 0.00	13.28 0.66 0.00	14.34 0.75 0.00	16.05 0.87 0.00	15.34 0.92 0.00	16.52 1.03 0.00	17.95 1.18 0.00	17.82 1.18 0.00	18.12 1.20 0.00	19.56 1.27 0.00	24.76 1.52 0.00	24.34 1.55 0.00	30.36 1.70 0.00	28.09 1.55 0.00	22.01 1.32 0.00	20.96 1.23 0.00	21.82 1.38 0.00	17.17 0.96 -1.11
ARTHUR_KILL_3 23513	18.83 1.08 0.00	14.35 0.75 0.00	18.10 0.88 0.00	13.70 0.72 0.00	12.71 0.64 0.00	16.23 0.76 0.00	16.95 0.84 0.00	13.33 0.71 0.00	14.41 0.82 0.00	16.09 0.90 0.00	15.35 0.93 0.00	16.51 1.02 0.00	17.92 1.16 0.00	17.79 1.15 0.00	18.08 1.16 0.00	19.53 1.25 0.00	24.71 1.47 0.00	24.26 1.47 0.00	30.39 1.74 0.00	28.03 1.48 0.00	21.94 1.24 0.00	20.88 1.15 0.00	21.73 1.29 0.00	17.12 0.91 -1.11
ARTHUR_KILL_COGEN 323718	19.11 1.36 0.00	14.56 0.96 0.00	18.37 1.14 0.00	13.90 0.91 0.00	12.88 0.82 0.00	16.47 1.00 0.00	17.19 1.08 0.00	13.31 0.68 0.00	14.37 0.78 0.00	16.09 0.90 0.00	15.37 0.95 0.00	16.56 1.07 0.00	17.99 1.22 0.00	17.86 1.22 0.00	18.16 1.25 0.00	19.61 1.32 0.00	24.81 1.58 0.00	24.39 1.61 0.00	30.42 1.77 0.00	28.17 1.62 0.00	22.07 1.38 0.00	21.01 1.28 0.00	21.87 1.43 0.00	17.21 1.00 -1.11
ASHOKAN____ 23654	18.57 0.82 0.00	14.18 0.58 0.00	17.90 0.68 0.00	13.53 0.55 0.00	12.55 0.48 0.00	16.03 0.56 0.00	16.72 0.61 0.00	13.12 0.49 0.00	14.09 0.50 0.00	15.69 0.51 0.00	14.89 0.47 0.00	15.99 0.50 0.00	17.38 0.62 0.00	17.28 0.64 0.00	17.60 0.68 0.00	19.04 0.76 0.00	24.24 1.00 0.00	23.95 1.16 0.00	30.17 1.51 0.00	27.90 1.36 0.00	21.80 1.10 0.00	20.73 1.00 0.00	21.43 0.99 0.00	17.05 0.71 -1.24

ASTORIA_EAST_ENERGY_CC1 323581	18.84 1.08 0.00	14.36 0.76 0.00	18.07 0.85 0.00	13.71 0.72 0.00	12.70 0.64 0.00	16.23 0.75 0.00	16.95 0.83 0.00	13.34 0.72 0.00	14.40 0.81 0.00	16.09 0.91 0.00	15.36 0.94 0.00	16.56 1.06 0.00	18.00 1.23 0.00	17.86 1.22 0.00	18.14 1.23 0.00	19.58 1.29 0.00	24.78 1.54 0.00	24.33 1.54 0.00	30.40 1.74 0.00	28.10 1.55 0.00	22.02 1.32 0.00	20.96 1.22 0.00	21.82 1.37 0.00	17.18 0.97 -1.11
ASTORIA_EAST_ENERGY_CC2 323582	18.84 1.08 0.00	14.36 0.76 0.00	18.07 0.85 0.00	13.71 0.72 0.00	12.70 0.64 0.00	16.23 0.75 0.00	16.95 0.83 0.00	13.34 0.72 0.00	14.40 0.81 0.00	16.09 0.91 0.00	15.36 0.94 0.00	16.56 1.06 0.00	17.99 1.23 0.00	17.86 1.22 0.00	18.14 1.22 0.00	19.58 1.29 0.00	24.78 1.54 0.00	24.33 1.54 0.00	30.40 1.74 0.00	28.10 1.55 0.00	22.01 1.32 0.00	20.96 1.22 0.00	21.82 1.37 0.00	17.18 0.97 -1.11
ASTORIA_GT2_1 24094	18.85 1.10 0.00	14.37 0.77 0.00	18.08 0.86 0.00	13.71 0.73 0.00	12.71 0.64 0.00	16.23 0.76 0.00	16.95 0.84 0.00	13.35 0.73 0.00	14.41 0.82 0.00	16.10 0.91 0.00	15.37 0.95 0.00	16.56 1.07 0.00	18.00 1.24 0.00	17.87 1.23 0.00	18.15 1.23 0.00	19.60 1.31 0.00	24.79 1.55 0.00	24.34 1.55 0.00	30.42 1.77 0.00	28.11 1.57 0.00	22.02 1.33 0.00	20.97 1.23 0.00	21.83 1.39 0.00	17.18 0.97 -1.11
ASTORIA_GT2_2 24095	18.85 1.10 0.00	14.37 0.77 0.00	18.08 0.86 0.00	13.71 0.73 0.00	12.71 0.64 0.00	16.23 0.76 0.00	16.95 0.84 0.00	13.35 0.73 0.00	14.41 0.82 0.00	16.10 0.91 0.00	15.37 0.95 0.00	16.56 1.07 0.00	18.00 1.24 0.00	17.87 1.23 0.00	18.15 1.23 0.00	19.60 1.31 0.00	24.79 1.55 0.00	24.34 1.55 0.00	30.42 1.77 0.00	28.11 1.57 0.00	22.02 1.33 0.00	20.97 1.23 0.00	21.83 1.39 0.00	17.18 0.97 -1.11
ASTORIA_GT2_3 24096	18.85 1.10 0.00	14.37 0.77 0.00	18.08 0.86 0.00	13.71 0.73 0.00	12.71 0.64 0.00	16.23 0.76 0.00	16.95 0.84 0.00	13.35 0.73 0.00	14.41 0.82 0.00	16.10 0.91 0.00	15.37 0.95 0.00	16.56 1.07 0.00	18.00 1.24 0.00	17.87 1.23 0.00	18.15 1.23 0.00	19.60 1.31 0.00	24.79 1.55 0.00	24.34 1.55 0.00	30.42 1.77 0.00	28.11 1.57 0.00	22.02 1.33 0.00	20.97 1.23 0.00	21.83 1.39 0.00	17.18 0.97 -1.11
ASTORIA_GT2_4 24097	18.85 1.10 0.00	14.37 0.77 0.00	18.08 0.86 0.00	13.71 0.73 0.00	12.71 0.64 0.00	16.23 0.76 0.00	16.95 0.84 0.00	13.35 0.73 0.00	14.41 0.82 0.00	16.10 0.91 0.00	15.37 0.95 0.00	16.56 1.07 0.00	18.00 1.24 0.00	17.87 1.23 0.00	18.15 1.23 0.00	19.60 1.31 0.00	24.79 1.55 0.00	24.34 1.55 0.00	30.42 1.77 0.00	28.11 1.57 0.00	22.02 1.33 0.00	20.97 1.23 0.00	21.83 1.39 0.00	17.18 0.97 -1.11
ASTORIA_GT3_1 24098	18.85 1.10 0.00	14.37 0.77 0.00	18.08 0.86 0.00	13.71 0.73 0.00	12.71 0.64 0.00	16.23 0.76 0.00	16.95 0.84 0.00	13.35 0.73 0.00	14.41 0.82 0.00	16.10 0.91 0.00	15.37 0.95 0.00	16.56 1.07 0.00	18.00 1.24 0.00	17.87 1.23 0.00	18.15 1.23 0.00	19.60 1.31 0.00	24.79 1.55 0.00	24.34 1.55 0.00	30.42 1.77 0.00	28.11 1.57 0.00	22.02 1.33 0.00	20.97 1.23 0.00	21.83 1.39 0.00	17.18 0.97 -1.11
ASTORIA_GT3_2 24099	18.85 1.10 0.00	14.37 0.77 0.00	18.08 0.86 0.00	13.71 0.73 0.00	12.71 0.64 0.00	16.23 0.76 0.00	16.95 0.84 0.00	13.35 0.73 0.00	14.41 0.82 0.00	16.10 0.91 0.00	15.37 0.95 0.00	16.56 1.07 0.00	18.00 1.24 0.00	17.87 1.23 0.00	18.15 1.23 0.00	19.60 1.31 0.00	24.79 1.55 0.00	24.34 1.55 0.00	30.42 1.77 0.00	28.11 1.57 0.00	22.02 1.33 0.00	20.97 1.23 0.00	21.83 1.39 0.00	17.18 0.97 -1.11
ASTORIA_GT3_3 24100	18.85 1.10 0.00	14.37 0.77 0.00	18.08 0.86 0.00	13.71 0.73 0.00	12.71 0.64 0.00	16.23 0.76 0.00	16.95 0.84 0.00	13.35 0.73 0.00	14.41 0.82 0.00	16.10 0.91 0.00	15.37 0.95 0.00	16.56 1.07 0.00	18.00 1.24 0.00	17.87 1.23 0.00	18.15 1.23 0.00	19.60 1.31 0.00	24.79 1.55 0.00	24.34 1.55 0.00	30.42 1.77 0.00	28.11 1.57 0.00	22.02 1.33 0.00	20.97 1.23 0.00	21.83 1.39 0.00	17.18 0.97 -1.11
ASTORIA_GT3_4 24101	18.85 1.10 0.00	14.37 0.77 0.00	18.08 0.86 0.00	13.71 0.73 0.00	12.71 0.64 0.00	16.23 0.76 0.00	16.95 0.84 0.00	13.35 0.73 0.00	14.41 0.82 0.00	16.10 0.91 0.00	15.37 0.95 0.00	16.56 1.07 0.00	18.00 1.24 0.00	17.87 1.23 0.00	18.15 1.23 0.00	19.60 1.31 0.00	24.79 1.55 0.00	24.34 1.55 0.00	30.42 1.77 0.00	28.11 1.57 0.00	22.02 1.33 0.00	20.97 1.23 0.00	21.83 1.39 0.00	17.18 0.97 -1.11
ASTORIA_GT4_1 24102	18.85 1.10 0.00	14.37 0.77 0.00	18.08 0.86 0.00	13.71 0.73 0.00	12.71 0.64 0.00	16.23 0.76 0.00	16.95 0.84 0.00	13.35 0.73 0.00	14.41 0.82 0.00	16.10 0.91 0.00	15.37 0.95 0.00	16.56 1.07 0.00	18.00 1.24 0.00	17.87 1.23 0.00	18.15 1.23 0.00	19.60 1.31 0.00	24.79 1.55 0.00	24.34 1.55 0.00	30.42 1.77 0.00	28.11 1.57 0.00	22.02 1.33 0.00	20.97 1.23 0.00	21.83 1.39 0.00	17.18 0.97 -1.11
ASTORIA_GT4_2 24103	18.85 1.10 0.00	14.37 0.77 0.00	18.08 0.86 0.00	13.71 0.73 0.00	12.71 0.64 0.00	16.23 0.76 0.00	16.95 0.84 0.00	13.35 0.73 0.00	14.41 0.82 0.00	16.10 0.91 0.00	15.37 0.95 0.00	16.56 1.07 0.00	18.00 1.24 0.00	17.87 1.23 0.00	18.15 1.23 0.00	19.60 1.31 0.00	24.79 1.55 0.00	24.34 1.55 0.00	30.42 1.77 0.00	28.11 1.57 0.00	22.02 1.33 0.00	20.97 1.23 0.00	21.83 1.39 0.00	17.18 0.97 -1.11
ASTORIA_GT4_3 24104	18.85 1.10 0.00	14.37 0.77 0.00	18.08 0.86 0.00	13.71 0.73 0.00	12.71 0.64 0.00	16.23 0.76 0.00	16.95 0.84 0.00	13.35 0.73 0.00	14.41 0.82 0.00	16.10 0.91 0.00	15.37 0.95 0.00	16.56 1.07 0.00	18.00 1.24 0.00	17.87 1.23 0.00	18.15 1.23 0.00	19.60 1.31 0.00	24.79 1.55 0.00	24.34 1.55 0.00	30.42 1.77 0.00	28.11 1.57 0.00	22.02 1.33 0.00	20.97 1.23 0.00	21.83 1.39 0.00	17.18 0.97 -1.11
ASTORIA_GT4_4 24105	18.85 1.10 0.00	14.37 0.77 0.00	18.08 0.86 0.00	13.71 0.73 0.00	12.71 0.64 0.00	16.23 0.76 0.00	16.95 0.84 0.00	13.35 0.73 0.00	14.41 0.82 0.00	16.10 0.91 0.00	15.37 0.95 0.00	16.56 1.07 0.00	18.00 1.24 0.00	17.87 1.23 0.00	18.15 1.23 0.00	19.60 1.31 0.00	24.79 1.55 0.00	24.34 1.55 0.00	30.42 1.77 0.00	28.11 1.57 0.00	22.02 1.33 0.00	20.97 1.23 0.00	21.83 1.39 0.00	17.18 0.97 -1.11
ASTORIA_GT_1 23523	18.88 1.12 0.00	14.38 0.79 0.00	18.10 0.88 0.00	13.73 0.74 0.00	12.73 0.66 0.00	16.25 0.78 0.00	16.97 0.87 0.00	13.36 0.74 0.00	14.43 0.84 0.00	16.12 0.94 0.00	15.40 0.97 0.00	16.59 1.09 0.00	18.04 1.27 0.00	17.90 1.26 0.00	18.18 1.26 0.00	19.63 1.34 0.00	24.84 1.60 0.00	24.38 1.60 0.00	30.48 1.82 0.00	28.16 1.61 0.00	22.06 1.37 0.00	21.00 1.27 0.00	21.86 1.42 0.00	17.21 1.00 -1.11

ASTORIA_GT_10 24110	18.90 1.14 0.00	14.41 0.82 0.00	18.15 0.93 0.00	13.76 0.78 0.00	12.77 0.70 0.00	16.29 0.82 0.00	17.01 0.90 0.00	13.39 0.77 0.00	14.46 0.87 0.00	16.14 0.95 0.00	15.41 0.98 0.00	16.58 1.08 0.00	17.98 1.22 0.00	17.86 1.22 0.00	18.16 1.24 0.00	19.61 1.32 0.00	24.82 1.58 0.00	24.37 1.58 0.00	30.48 1.82 0.00	28.14 1.60 0.00	22.02 1.33 0.00	20.96 1.23 0.00	21.81 1.37 0.00	17.18 0.97 -1.11
ASTORIA_GT_11 24225	18.90 1.14 0.00	14.41 0.82 0.00	18.15 0.93 0.00	13.76 0.78 0.00	12.77 0.70 0.00	16.29 0.82 0.00	17.01 0.90 0.00	13.39 0.77 0.00	14.46 0.87 0.00	16.14 0.95 0.00	15.41 0.98 0.00	16.58 1.08 0.00	17.98 1.22 0.00	17.86 1.22 0.00	18.16 1.24 0.00	19.61 1.32 0.00	24.82 1.58 0.00	24.37 1.58 0.00	30.48 1.82 0.00	28.14 1.60 0.00	22.02 1.33 0.00	20.96 1.23 0.00	21.81 1.37 0.00	17.18 0.97 -1.11
ASTORIA_GT_12 24226	18.90 1.14 0.00	14.41 0.82 0.00	18.16 0.93 0.00	13.76 0.78 0.00	12.77 0.70 0.00	16.29 0.82 0.00	17.01 0.90 0.00	13.39 0.76 0.00	14.46 0.87 0.00	16.14 0.95 0.00	15.41 0.98 0.00	16.57 1.08 0.00	17.98 1.22 0.00	17.86 1.22 0.00	18.16 1.24 0.00	19.60 1.32 0.00	24.82 1.58 0.00	24.37 1.58 0.00	30.48 1.82 0.00	28.14 1.60 0.00	22.03 1.33 0.00	20.96 1.23 0.00	21.81 1.37 0.00	17.18 0.97 -1.11
ASTORIA_GT_13 24227	18.90 1.14 0.00	14.41 0.82 0.00	18.16 0.93 0.00	13.76 0.78 0.00	12.77 0.70 0.00	16.29 0.82 0.00	17.01 0.90 0.00	13.39 0.76 0.00	14.46 0.87 0.00	16.14 0.95 0.00	15.41 0.98 0.00	16.57 1.08 0.00	17.98 1.22 0.00	17.86 1.22 0.00	18.16 1.24 0.00	19.60 1.32 0.00	24.82 1.58 0.00	24.37 1.58 0.00	30.48 1.82 0.00	28.14 1.60 0.00	22.03 1.33 0.00	20.96 1.23 0.00	21.81 1.37 0.00	17.18 0.97 -1.11
ASTORIA_GT_5 24106	18.88 1.12 0.00	14.38 0.79 0.00	18.10 0.88 0.00	13.73 0.74 0.00	12.73 0.66 0.00	16.25 0.78 0.00	16.97 0.87 0.00	13.36 0.74 0.00	14.43 0.84 0.00	16.12 0.94 0.00	15.40 0.97 0.00	16.59 1.09 0.00	18.04 1.27 0.00	17.90 1.26 0.00	18.18 1.26 0.00	19.63 1.34 0.00	24.84 1.60 0.00	24.38 1.60 0.00	30.48 1.82 0.00	28.16 1.61 0.00	22.06 1.37 0.00	21.00 1.27 0.00	21.86 1.42 0.00	17.21 1.00 -1.11
ASTORIA_GT_7 24107	18.88 1.12 0.00	14.38 0.79 0.00	18.10 0.88 0.00	13.73 0.74 0.00	12.73 0.66 0.00	16.25 0.78 0.00	16.97 0.87 0.00	13.36 0.74 0.00	14.43 0.84 0.00	16.12 0.94 0.00	15.40 0.97 0.00	16.59 1.09 0.00	18.04 1.27 0.00	17.90 1.26 0.00	18.18 1.26 0.00	19.63 1.34 0.00	24.84 1.60 0.00	24.38 1.60 0.00	30.48 1.82 0.00	28.16 1.61 0.00	22.06 1.37 0.00	21.00 1.27 0.00	21.86 1.42 0.00	17.21 1.00 -1.11
ASTORIA_GT_8 24108	18.88 1.12 0.00	14.38 0.79 0.00	18.10 0.88 0.00	13.73 0.74 0.00	12.73 0.66 0.00	16.25 0.78 0.00	16.97 0.87 0.00	13.37 0.74 0.00	14.43 0.84 0.00	16.12 0.94 0.00	15.40 0.97 0.00	16.59 1.09 0.00	18.04 1.27 0.00	17.90 1.26 0.00	18.18 1.26 0.00	19.63 1.35 0.00	24.84 1.60 0.00	24.38 1.59 0.00	30.48 1.82 0.00	28.16 1.61 0.00	22.06 1.36 0.00	21.00 1.27 0.00	21.86 1.42 0.00	17.21 1.00 -1.11
ASTORIA___2 24149	18.85 1.09 0.00	14.36 0.77 0.00	18.08 0.86 0.00	13.71 0.73 0.00	12.71 0.64 0.00	16.23 0.76 0.00	16.95 0.84 0.00	13.35 0.73 0.00	14.41 0.82 0.00	16.10 0.91 0.00	15.37 0.95 0.00	16.56 1.07 0.00	18.00 1.24 0.00	17.87 1.23 0.00	18.15 1.23 0.00	19.60 1.31 0.00	24.79 1.55 0.00	24.34 1.55 0.00	30.42 1.77 0.00	28.11 1.56 0.00	22.03 1.33 0.00	20.97 1.23 0.00	21.83 1.39 0.00	17.18 0.98 -1.11
ASTORIA___3 23516	18.90 1.14 0.00	14.41 0.82 0.00	18.16 0.93 0.00	13.76 0.78 0.00	12.77 0.70 0.00	16.29 0.82 0.00	17.01 0.90 0.00	13.39 0.76 0.00	14.46 0.87 0.00	16.13 0.95 0.00	15.41 0.98 0.00	16.57 1.08 0.00	17.98 1.22 0.00	17.86 1.22 0.00	18.16 1.24 0.00	19.60 1.32 0.00	24.82 1.58 0.00	24.37 1.58 0.00	30.48 1.82 0.00	28.14 1.60 0.00	22.03 1.33 0.00	20.96 1.23 0.00	21.81 1.37 0.00	17.18 0.97 -1.11
ASTORIA___4 23517	18.90 1.14 0.00	14.41 0.82 0.00	18.15 0.93 0.00	13.76 0.78 0.00	12.77 0.70 0.00	16.29 0.82 0.00	17.01 0.90 0.00	13.39 0.77 0.00	14.46 0.87 0.00	16.14 0.95 0.00	15.41 0.98 0.00	16.58 1.08 0.00	17.98 1.22 0.00	17.86 1.22 0.00	18.16 1.24 0.00	19.61 1.32 0.00	24.82 1.58 0.00	24.37 1.58 0.00	30.48 1.82 0.00	28.14 1.60 0.00	22.02 1.33 0.00	20.96 1.23 0.00	21.81 1.37 0.00	17.18 0.97 -1.11
ASTORIA___5 23518	18.90 1.14 0.00	14.41 0.82 0.00	18.16 0.93 0.00	13.76 0.78 0.00	12.77 0.70 0.00	16.29 0.82 0.00	17.01 0.90 0.00	13.39 0.76 0.00	14.46 0.87 0.00	16.14 0.95 0.00	15.41 0.98 0.00	16.57 1.08 0.00	17.98 1.22 0.00	17.86 1.22 0.00	18.16 1.24 0.00	19.60 1.32 0.00	24.82 1.58 0.00	24.37 1.58 0.00	30.48 1.82 0.00	28.14 1.60 0.00	22.03 1.33 0.00	20.96 1.23 0.00	21.81 1.37 0.00	17.18 0.97 -1.11
AST_ENERGY_2_CC3 323677	18.88 1.12 0.00	14.40 0.81 0.00	18.15 0.93 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.28 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.44 0.85 0.00	16.13 0.95 0.00	15.39 0.97 0.00	16.56 1.06 0.00	17.97 1.20 0.00	17.84 1.20 0.00	18.13 1.21 0.00	19.58 1.29 0.00	24.77 1.53 0.00	24.31 1.52 0.00	30.44 1.79 0.00	28.08 1.53 0.00	21.97 1.28 0.00	20.92 1.19 0.00	21.76 1.32 0.00	17.14 0.94 -1.11
AST_ENERGY_2_CC4 323678	18.88 1.12 0.00	14.40 0.81 0.00	18.15 0.93 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.28 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.44 0.85 0.00	16.13 0.95 0.00	15.39 0.97 0.00	16.56 1.06 0.00	17.97 1.20 0.00	17.84 1.20 0.00	18.13 1.21 0.00	19.58 1.29 0.00	24.77 1.53 0.00	24.31 1.52 0.00	30.44 1.79 0.00	28.08 1.53 0.00	21.97 1.28 0.00	20.92 1.19 0.00	21.76 1.32 0.00	17.14 0.94 -1.11
ATHENS_STG_1 23668	18.35 0.59 0.00	14.04 0.44 0.00	17.79 0.57 0.00	13.43 0.45 0.00	12.47 0.40 0.00	15.95 0.48 0.00	16.62 0.51 0.00	13.02 0.40 0.00	14.01 0.42 0.00	15.63 0.44 0.00	14.88 0.46 0.00	15.98 0.49 0.00	17.34 0.58 0.00	17.21 0.57 0.00	17.50 0.58 0.00	18.90 0.62 0.00	24.01 0.77 0.00	23.60 0.81 0.00	29.65 0.99 0.00	27.42 0.87 0.00	21.38 0.68 0.00	20.40 0.67 0.00	21.14 0.70 0.00	16.89 0.49 -1.29
ATHENS_STG_2 23670	18.35 0.59 0.00	14.04 0.44 0.00	17.79 0.57 0.00	13.43 0.45 0.00	12.47 0.40 0.00	15.95 0.48 0.00	16.62 0.51 0.00	13.02 0.40 0.00	14.01 0.42 0.00	15.63 0.44 0.00	14.88 0.46 0.00	15.98 0.49 0.00	17.34 0.58 0.00	17.21 0.57 0.00	17.50 0.58 0.00	18.90 0.62 0.00	24.01 0.77 0.00	23.60 0.81 0.00	29.65 0.99 0.00	27.42 0.87 0.00	21.38 0.68 0.00	20.40 0.67 0.00	21.14 0.70 0.00	16.89 0.49 -1.29

ATHENS_STG_3 23677	18.35 0.59 0.00	14.04 0.44 0.00	17.79 0.57 0.00	13.43 0.45 0.00	12.47 0.40 0.00	15.95 0.48 0.00	16.62 0.51 0.00	13.02 0.40 0.00	14.01 0.42 0.00	15.63 0.44 0.00	14.88 0.46 0.00	15.98 0.49 0.00	17.34 0.58 0.00	17.21 0.57 0.00	17.50 0.58 0.00	18.90 0.62 0.00	24.01 0.77 0.00	23.60 0.81 0.00	29.65 0.99 0.00	27.42 0.87 0.00	21.38 0.68 0.00	20.40 0.67 0.00	21.14 0.70 0.00	16.89 0.49 -1.29
AUBURN____LFGE 323710	17.99 0.23 0.00	13.79 0.20 0.00	17.52 0.30 0.00	13.15 0.17 0.00	12.26 0.19 0.00	15.72 0.24 0.00	16.38 0.27 0.00	12.79 0.17 0.00	13.80 0.21 0.00	15.51 0.33 0.00	14.71 0.29 0.00	15.85 0.35 0.00	17.15 0.39 0.00	16.98 0.34 0.00	17.26 0.35 0.00	18.68 0.40 0.00	23.88 0.64 0.00	23.47 0.68 0.00	29.57 0.91 0.00	27.38 0.83 0.00	21.36 0.67 0.00	20.30 0.57 0.00	20.99 0.55 0.00	15.61 0.36 -0.15
BABYLON_RES_REC 323704	18.86 1.11 0.00	14.36 0.77 0.00	18.16 0.94 0.00	13.70 0.72 0.00	12.71 0.64 0.00	16.21 0.73 0.00	16.96 0.85 0.00	13.31 0.68 0.00	14.27 0.69 0.00	16.04 0.85 0.00	15.43 1.01 0.00	16.56 1.07 0.00	18.00 1.24 0.00	17.90 1.26 0.00	18.18 1.27 0.00	19.59 1.30 0.00	24.84 1.60 0.00	24.50 1.71 0.00	30.70 2.04 0.00	28.32 1.77 0.00	22.18 1.49 0.00	21.21 1.48 0.00	22.01 1.57 0.00	17.21 1.01 -1.11
BABYLON__69_KV_BK2 356345	19.04 1.28 0.00	14.50 0.90 0.00	18.34 1.12 0.00	13.83 0.85 0.00	12.83 0.76 0.00	16.35 0.87 0.00	17.12 1.00 0.00	13.44 0.81 0.00	14.40 0.81 0.00	16.20 1.02 0.00	15.58 1.16 0.00	16.71 1.22 0.00	18.17 1.40 0.00	18.07 1.42 0.00	18.35 1.43 0.00	19.77 1.49 0.00	25.09 1.85 0.00	24.75 1.96 0.00	30.99 2.33 0.00	28.58 2.04 0.00	22.41 1.71 0.00	21.44 1.71 0.00	22.24 1.80 0.00	17.37 1.17 -1.11
BARON_WINDS____WT_PWR 323822	17.98 0.22 0.00	13.95 0.35 0.00	17.62 0.40 0.00	13.22 0.23 0.00	12.30 0.24 0.00	15.84 0.37 0.00	16.41 0.30 0.00	12.81 0.19 0.00	13.83 0.24 0.00	15.64 0.46 0.00	14.77 0.35 0.00	15.90 0.40 0.00	17.12 0.36 0.00	17.00 0.36 0.00	17.35 0.43 0.00	18.85 0.57 0.00	23.89 0.65 0.00	23.29 0.50 0.00	29.25 0.60 0.00	27.14 0.59 0.00	21.05 0.35 0.00	19.91 0.18 0.00	20.59 0.14 0.00	15.55 0.19 -0.25
BARRETT_IC_1 23704	18.72 0.96 0.00	14.28 0.69 0.00	18.03 0.81 0.00	13.62 0.64 0.00	12.64 0.57 0.00	16.12 0.64 0.00	16.82 0.72 0.00	13.18 0.56 0.00	14.17 0.58 0.00	15.95 0.76 0.00	15.34 0.92 0.00	16.46 0.97 0.00	17.89 1.13 0.00	17.78 1.14 0.00	18.07 1.15 0.00	19.46 1.17 0.00	24.62 1.38 0.00	24.20 1.41 0.00	30.30 1.65 0.00	27.94 1.40 0.00	21.88 1.18 0.00	20.95 1.22 0.00	21.76 1.31 0.00	17.08 0.87 -1.11
BARRETT_IC_10 23701	18.72 0.96 0.00	14.28 0.69 0.00	18.03 0.81 0.00	13.62 0.64 0.00	12.64 0.57 0.00	16.12 0.64 0.00	16.82 0.72 0.00	13.18 0.56 0.00	14.17 0.58 0.00	15.95 0.76 0.00	15.34 0.92 0.00	16.46 0.97 0.00	17.89 1.13 0.00	17.78 1.14 0.00	18.07 1.15 0.00	19.46 1.17 0.00	24.62 1.38 0.00	24.20 1.41 0.00	30.30 1.65 0.00	27.94 1.40 0.00	21.88 1.18 0.00	20.95 1.22 0.00	21.76 1.31 0.00	17.08 0.87 -1.11
BARRETT_IC_11 23702	18.72 0.96 0.00	14.28 0.69 0.00	18.03 0.81 0.00	13.62 0.64 0.00	12.64 0.57 0.00	16.12 0.64 0.00	16.82 0.72 0.00	13.18 0.56 0.00	14.17 0.58 0.00	15.95 0.76 0.00	15.34 0.92 0.00	16.46 0.97 0.00	17.89 1.13 0.00	17.78 1.14 0.00	18.07 1.15 0.00	19.46 1.17 0.00	24.62 1.38 0.00	24.20 1.41 0.00	30.30 1.65 0.00	27.94 1.40 0.00	21.88 1.18 0.00	20.95 1.22 0.00	21.76 1.31 0.00	17.08 0.87 -1.11
BARRETT_IC_12 23703	18.72 0.96 0.00	14.28 0.69 0.00	18.03 0.81 0.00	13.62 0.64 0.00	12.64 0.57 0.00	16.12 0.64 0.00	16.82 0.72 0.00	13.18 0.56 0.00	14.17 0.58 0.00	15.95 0.76 0.00	15.34 0.92 0.00	16.46 0.97 0.00	17.89 1.13 0.00	17.78 1.14 0.00	18.07 1.15 0.00	19.46 1.17 0.00	24.62 1.38 0.00	24.20 1.41 0.00	30.30 1.65 0.00	27.94 1.40 0.00	21.88 1.18 0.00	20.95 1.22 0.00	21.76 1.31 0.00	17.08 0.87 -1.11
BARRETT_IC_2 23705	18.72 0.96 0.00	14.28 0.69 0.00	18.03 0.81 0.00	13.62 0.64 0.00	12.64 0.57 0.00	16.12 0.64 0.00	16.82 0.72 0.00	13.18 0.56 0.00	14.17 0.58 0.00	15.95 0.76 0.00	15.34 0.92 0.00	16.46 0.97 0.00	17.89 1.13 0.00	17.78 1.14 0.00	18.07 1.15 0.00	19.46 1.17 0.00	24.62 1.38 0.00	24.20 1.41 0.00	30.30 1.65 0.00	27.94 1.40 0.00	21.88 1.18 0.00	20.95 1.22 0.00	21.76 1.31 0.00	17.08 0.87 -1.11
BARRETT_IC_3 23706	18.72 0.96 0.00	14.28 0.69 0.00	18.03 0.81 0.00	13.62 0.64 0.00	12.64 0.57 0.00	16.12 0.64 0.00	16.82 0.72 0.00	13.18 0.56 0.00	14.17 0.58 0.00	15.95 0.76 0.00	15.34 0.92 0.00	16.46 0.97 0.00	17.89 1.13 0.00	17.78 1.14 0.00	18.07 1.15 0.00	19.46 1.17 0.00	24.62 1.38 0.00	24.20 1.41 0.00	30.30 1.65 0.00	27.94 1.40 0.00	21.88 1.18 0.00	20.95 1.22 0.00	21.76 1.31 0.00	17.08 0.87 -1.11
BARRETT_IC_4 23707	18.72 0.96 0.00	14.28 0.69 0.00	18.03 0.81 0.00	13.62 0.64 0.00	12.64 0.57 0.00	16.12 0.64 0.00	16.82 0.72 0.00	13.18 0.56 0.00	14.17 0.58 0.00	15.95 0.76 0.00	15.34 0.92 0.00	16.46 0.97 0.00	17.89 1.13 0.00	17.78 1.14 0.00	18.07 1.15 0.00	19.46 1.17 0.00	24.62 1.38 0.00	24.20 1.41 0.00	30.30 1.65 0.00	27.94 1.40 0.00	21.88 1.18 0.00	20.95 1.22 0.00	21.76 1.31 0.00	17.08 0.87 -1.11
BARRETT_IC_5 23708	18.72 0.96 0.00	14.28 0.69 0.00	18.03 0.81 0.00	13.62 0.64 0.00	12.64 0.57 0.00	16.12 0.64 0.00	16.82 0.72 0.00	13.18 0.56 0.00	14.17 0.58 0.00	15.95 0.76 0.00	15.34 0.92 0.00	16.46 0.97 0.00	17.89 1.13 0.00	17.78 1.14 0.00	18.07 1.15 0.00	19.46 1.17 0.00	24.62 1.38 0.00	24.20 1.41 0.00	30.30 1.65 0.00	27.94 1.40 0.00	21.88 1.18 0.00	20.95 1.22 0.00	21.76 1.31 0.00	17.08 0.87 -1.11
BARRETT_IC_6 23709	18.72 0.96 0.00	14.28 0.69 0.00	18.03 0.81 0.00	13.62 0.64 0.00	12.64 0.57 0.00	16.12 0.64 0.00	16.82 0.72 0.00	13.18 0.56 0.00	14.17 0.58 0.00	15.95 0.76 0.00	15.34 0.92 0.00	16.46 0.97 0.00	17.89 1.13 0.00	17.78 1.14 0.00	18.07 1.15 0.00	19.46 1.17 0.00	24.62 1.38 0.00	24.20 1.41 0.00	30.30 1.65 0.00	27.94 1.40 0.00	21.88 1.18 0.00	20.95 1.22 0.00	21.76 1.31 0.00	17.08 0.87 -1.11
BARRETT_IC_7 23710	18.72 0.96 0.00	14.28 0.69 0.00	18.03 0.81 0.00	13.62 0.64 0.00	12.64 0.57 0.00	16.12 0.64 0.00	16.82 0.72 0.00	13.18 0.56 0.00	14.17 0.58 0.00	15.95 0.76 0.00	15.34 0.92 0.00	16.46 0.97 0.00	17.89 1.13 0.00	17.78 1.14 0.00	18.07 1.15 0.00	19.46 1.18 0.00	24.63 1.39 0.00	24.20 1.41 0.00	30.30 1.65 0.00	27.94 1.40 0.00	21.87 1.18 0.00	20.95 1.22 0.00	21.76 1.32 0.00	17.07 0.87 -1.11

BARRETT_IC_8 23711	18.72 0.96 0.00	14.28 0.69 0.00	18.03 0.81 0.00	13.62 0.64 0.00	12.64 0.57 0.00	16.12 0.64 0.00	16.82 0.72 0.00	13.18 0.56 0.00	14.17 0.58 0.00	15.95 0.76 0.00	15.34 0.92 0.00	16.46 0.97 0.00	17.89 1.13 0.00	17.78 1.14 0.00	18.07 1.15 0.00	19.46 1.17 0.00	24.62 1.38 0.00	24.20 1.41 0.00	30.30 1.65 0.00	27.94 1.40 0.00	21.88 1.18 0.00	20.95 1.22 0.00	21.76 1.31 0.00	17.08 0.87 -1.11
BARRETT_IC_9 23700	18.72 0.96 0.00	14.28 0.69 0.00	18.03 0.81 0.00	13.62 0.64 0.00	12.64 0.57 0.00	16.12 0.64 0.00	16.82 0.72 0.00	13.18 0.56 0.00	14.17 0.58 0.00	15.95 0.76 0.00	15.34 0.92 0.00	16.46 0.97 0.00	17.89 1.13 0.00	17.78 1.14 0.00	18.07 1.15 0.00	19.46 1.17 0.00	24.62 1.38 0.00	24.20 1.41 0.00	30.30 1.65 0.00	27.94 1.40 0.00	21.88 1.18 0.00	20.95 1.22 0.00	21.76 1.31 0.00	17.08 0.87 -1.11
BARRETT___1 23545	18.72 0.96 0.00	14.28 0.69 0.00	18.03 0.81 0.00	13.62 0.64 0.00	12.64 0.57 0.00	16.12 0.64 0.00	16.82 0.72 0.00	13.18 0.56 0.00	14.17 0.58 0.00	15.95 0.76 0.00	15.34 0.92 0.00	16.46 0.97 0.00	17.89 1.13 0.00	17.78 1.14 0.00	18.07 1.15 0.00	19.46 1.17 0.00	24.62 1.38 0.00	24.20 1.41 0.00	30.30 1.65 0.00	27.94 1.40 0.00	21.88 1.18 0.00	20.95 1.22 0.00	21.76 1.31 0.00	17.08 0.87 -1.11
BARRETT___2 23546	18.72 0.96 0.00	14.28 0.69 0.00	18.03 0.81 0.00	13.62 0.64 0.00	12.64 0.57 0.00	16.12 0.64 0.00	16.82 0.72 0.00	13.18 0.56 0.00	14.17 0.58 0.00	15.95 0.76 0.00	15.34 0.92 0.00	16.46 0.97 0.00	17.89 1.13 0.00	17.78 1.14 0.00	18.07 1.15 0.00	19.46 1.17 0.00	24.62 1.38 0.00	24.20 1.41 0.00	30.30 1.65 0.00	27.94 1.40 0.00	21.88 1.18 0.00	20.95 1.22 0.00	21.76 1.31 0.00	17.08 0.87 -1.11
BATAVIA___115KV_TB1 55881	17.79 0.04 0.00	13.85 0.25 0.00	17.47 0.25 0.00	13.10 0.12 0.00	12.22 0.15 0.00	15.82 0.34 0.00	16.30 0.18 0.00	12.72 0.09 0.00	13.72 0.13 0.00	15.43 0.25 0.00	14.60 0.18 0.00	15.56 0.07 0.00	16.83 0.06 0.00	16.71 0.07 0.00	17.00 0.08 0.00	18.42 0.13 0.00	23.63 0.39 0.00	22.95 0.16 0.00	28.71 0.06 0.00	26.83 0.28 0.00	20.85 0.15 0.00	19.75 0.01 0.00	20.42 -0.02 0.00	15.48 0.20 -0.18
BAYONEEC___CTG1 323682	18.89 1.14 0.00	14.40 0.81 0.00	18.16 0.93 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.29 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.45 0.86 0.00	16.13 0.95 0.00	15.40 0.98 0.00	16.57 1.08 0.00	17.98 1.22 0.00	17.86 1.21 0.00	18.15 1.23 0.00	19.60 1.31 0.00	24.81 1.57 0.00	24.35 1.56 0.00	30.50 1.84 0.00	28.12 1.57 0.00	22.01 1.31 0.00	20.95 1.22 0.00	21.80 1.36 0.00	17.16 0.96 -1.11
BAYONEEC___CTG10 323750	18.89 1.14 0.00	14.40 0.81 0.00	18.16 0.93 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.29 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.45 0.86 0.00	16.13 0.95 0.00	15.40 0.98 0.00	16.57 1.08 0.00	17.98 1.22 0.00	17.86 1.21 0.00	18.15 1.23 0.00	19.60 1.31 0.00	24.81 1.57 0.00	24.35 1.56 0.00	30.50 1.84 0.00	28.12 1.57 0.00	22.01 1.31 0.00	20.95 1.22 0.00	21.80 1.36 0.00	17.16 0.96 -1.11
BAYONEEC___CTG2 323683	18.89 1.14 0.00	14.40 0.81 0.00	18.16 0.93 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.29 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.45 0.86 0.00	16.13 0.95 0.00	15.40 0.98 0.00	16.57 1.08 0.00	17.98 1.22 0.00	17.86 1.21 0.00	18.15 1.23 0.00	19.60 1.31 0.00	24.81 1.57 0.00	24.35 1.56 0.00	30.50 1.84 0.00	28.12 1.57 0.00	22.01 1.31 0.00	20.95 1.22 0.00	21.80 1.36 0.00	17.16 0.96 -1.11
BAYONEEC___CTG3 323684	18.89 1.14 0.00	14.40 0.81 0.00	18.16 0.93 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.29 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.45 0.86 0.00	16.13 0.95 0.00	15.40 0.98 0.00	16.57 1.08 0.00	17.98 1.22 0.00	17.86 1.21 0.00	18.15 1.23 0.00	19.60 1.31 0.00	24.81 1.57 0.00	24.35 1.56 0.00	30.50 1.84 0.00	28.12 1.57 0.00	22.01 1.31 0.00	20.95 1.22 0.00	21.80 1.36 0.00	17.16 0.96 -1.11
BAYONEEC___CTG4 323685	18.89 1.14 0.00	14.40 0.81 0.00	18.16 0.93 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.29 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.45 0.86 0.00	16.13 0.95 0.00	15.40 0.98 0.00	16.57 1.08 0.00	17.98 1.22 0.00	17.86 1.21 0.00	18.15 1.23 0.00	19.60 1.31 0.00	24.81 1.57 0.00	24.35 1.56 0.00	30.50 1.84 0.00	28.12 1.57 0.00	22.01 1.31 0.00	20.95 1.22 0.00	21.80 1.36 0.00	17.16 0.96 -1.11
BAYONEEC___CTG5 323686	18.89 1.14 0.00	14.40 0.81 0.00	18.16 0.93 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.29 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.45 0.86 0.00	16.13 0.95 0.00	15.40 0.98 0.00	16.57 1.08 0.00	17.98 1.22 0.00	17.86 1.21 0.00	18.15 1.23 0.00	19.60 1.31 0.00	24.81 1.57 0.00	24.35 1.56 0.00	30.50 1.84 0.00	28.12 1.57 0.00	22.01 1.31 0.00	20.95 1.22 0.00	21.80 1.36 0.00	17.16 0.96 -1.11
BAYONEEC___CTG6 323687	18.89 1.14 0.00	14.40 0.81 0.00	18.16 0.93 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.29 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.45 0.86 0.00	16.13 0.95 0.00	15.40 0.98 0.00	16.57 1.08 0.00	17.98 1.22 0.00	17.86 1.21 0.00	18.15 1.23 0.00	19.60 1.31 0.00	24.81 1.57 0.00	24.35 1.56 0.00	30.50 1.84 0.00	28.12 1.57 0.00	22.01 1.31 0.00	20.95 1.22 0.00	21.80 1.36 0.00	17.16 0.96 -1.11
BAYONEEC___CTG7 323688	18.89 1.14 0.00	14.40 0.81 0.00	18.16 0.93 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.29 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.45 0.86 0.00	16.13 0.95 0.00	15.40 0.98 0.00	16.57 1.08 0.00	17.98 1.22 0.00	17.86 1.21 0.00	18.15 1.23 0.00	19.60 1.31 0.00	24.81 1.57 0.00	24.35 1.56 0.00	30.50 1.84 0.00	28.12 1.57 0.00	22.01 1.31 0.00	20.95 1.22 0.00	21.80 1.36 0.00	17.16 0.96 -1.11
BAYONEEC___CTG8 323689	18.89 1.14 0.00	14.40 0.81 0.00	18.16 0.93 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.29 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.45 0.86 0.00	16.13 0.95 0.00	15.40 0.98 0.00	16.57 1.08 0.00	17.98 1.22 0.00	17.86 1.21 0.00	18.15 1.23 0.00	19.60 1.31 0.00	24.81 1.57 0.00	24.35 1.56 0.00	30.50 1.84 0.00	28.12 1.57 0.00	22.01 1.31 0.00	20.95 1.22 0.00	21.80 1.36 0.00	17.16 0.96 -1.11
BAYONEEC___CTG9 323749	18.89 1.14 0.00	14.40 0.81 0.00	18.16 0.93 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.29 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.45 0.86 0.00	16.13 0.95 0.00	15.40 0.98 0.00	16.57 1.08 0.00	17.98 1.22 0.00	17.86 1.21 0.00	18.15 1.23 0.00	19.60 1.31 0.00	24.81 1.57 0.00	24.35 1.56 0.00	30.50 1.84 0.00	28.12 1.57 0.00	22.01 1.31 0.00	20.95 1.22 0.00	21.80 1.36 0.00	17.16 0.96 -1.11

BEACON___LESR 323632	18.24 0.49 0.00	13.99 0.40 0.00	17.70 0.48 0.00	13.39 0.40 0.00	12.45 0.38 0.00	15.86 0.39 0.00	16.59 0.48 0.00	12.98 0.36 0.00	13.97 0.37 0.00	15.56 0.38 0.00	14.74 0.32 0.00	15.85 0.35 0.00	17.17 0.41 0.00	17.12 0.48 0.00	17.40 0.48 0.00	18.84 0.55 0.00	24.00 0.76 0.00	23.64 0.85 0.00	29.71 1.06 0.00	27.48 0.93 0.00	21.30 0.60 0.00	20.39 0.66 0.00	21.07 0.63 0.00	16.92 0.41 -1.41
BEAVER RIVER___HYD 24048	17.95 0.20 0.00	13.79 0.19 0.00	17.46 0.24 0.00	13.20 0.21 0.00	12.30 0.23 0.00	15.78 0.30 0.00	16.39 0.27 0.00	12.76 0.14 0.00	13.70 0.11 0.00	15.23 0.05 0.00	14.40 -0.03 0.00	15.43 -0.07 0.00	16.59 -0.18 0.00	16.40 -0.24 0.00	16.71 -0.20 0.00	18.08 -0.21 0.00	23.04 -0.20 0.00	22.73 -0.06 0.00	28.77 0.11 0.00	26.90 0.35 0.00	21.21 0.51 0.00	20.33 0.59 0.00	21.04 0.60 0.00	15.50 0.35 -0.05
BEEBEE_GT_13 23619	17.74 -0.02 0.00	13.71 0.11 0.00	17.35 0.13 0.00	13.04 0.06 0.00	12.14 0.07 0.00	15.66 0.19 0.00	16.21 0.10 0.00	12.67 0.05 0.00	13.67 0.08 0.00	15.36 0.18 0.00	14.52 0.10 0.00	15.62 0.13 0.00	16.91 0.14 0.00	16.79 0.15 0.00	17.07 0.15 0.00	18.48 0.20 0.00	23.42 0.18 0.00	23.01 0.22 0.00	28.87 0.21 0.00	26.85 0.30 0.00	20.89 0.19 0.00	19.81 0.08 0.00	20.47 0.03 0.00	15.37 0.13 -0.14
BENSHRST_27_KV_BENSHRST_1 355998	19.09 1.34 0.00	14.54 0.95 0.00	18.32 1.10 0.00	13.88 0.89 0.00	12.86 0.80 0.00	16.43 0.96 0.00	17.16 1.05 0.00	13.46 0.84 0.00	14.55 0.96 0.00	16.25 1.07 0.00	15.53 1.11 0.00	16.72 1.23 0.00	18.15 1.39 0.00	18.03 1.39 0.00	18.33 1.41 0.00	19.80 1.51 0.00	25.06 1.82 0.00	24.62 1.83 0.00	30.76 2.11 0.00	28.44 1.89 0.00	22.24 1.54 0.00	21.17 1.44 0.00	22.02 1.58 0.00	17.31 1.11 -1.11
BETHLEHEM___GRP 23843	18.03 0.27 0.00	13.80 0.21 0.00	17.47 0.25 0.00	13.26 0.27 0.00	12.31 0.24 0.00	15.69 0.21 0.00	16.36 0.25 0.00	12.84 0.22 0.00	13.77 0.18 0.00	15.32 0.14 0.00	14.56 0.14 0.00	15.65 0.16 0.00	16.99 0.22 0.00	16.87 0.22 0.00	17.15 0.23 0.00	18.52 0.23 0.00	23.57 0.33 0.00	23.21 0.42 0.00	29.18 0.53 0.00	27.00 0.45 0.00	21.02 0.33 0.00	20.07 0.34 0.00	20.76 0.32 0.00	16.73 0.22 -1.41
BETHLEHEM___GS1 323560	18.03 0.27 0.00	13.80 0.21 0.00	17.47 0.25 0.00	13.26 0.27 0.00	12.31 0.24 0.00	15.69 0.21 0.00	16.36 0.25 0.00	12.84 0.22 0.00	13.77 0.18 0.00	15.32 0.14 0.00	14.56 0.14 0.00	15.65 0.16 0.00	16.99 0.22 0.00	16.87 0.22 0.00	17.15 0.23 0.00	18.52 0.23 0.00	23.57 0.33 0.00	23.21 0.42 0.00	29.18 0.53 0.00	27.00 0.45 0.00	21.02 0.33 0.00	20.07 0.34 0.00	20.76 0.32 0.00	16.73 0.22 -1.41
BETHLEHEM___GS2 323561	18.03 0.27 0.00	13.80 0.21 0.00	17.47 0.25 0.00	13.26 0.27 0.00	12.31 0.24 0.00	15.69 0.21 0.00	16.36 0.25 0.00	12.84 0.22 0.00	13.77 0.18 0.00	15.32 0.14 0.00	14.56 0.14 0.00	15.65 0.16 0.00	16.99 0.22 0.00	16.87 0.22 0.00	17.15 0.23 0.00	18.52 0.23 0.00	23.57 0.33 0.00	23.21 0.42 0.00	29.18 0.53 0.00	27.00 0.45 0.00	21.02 0.33 0.00	20.07 0.34 0.00	20.76 0.32 0.00	16.73 0.22 -1.41
BETHLEHEM___GS3 323562	18.03 0.27 0.00	13.80 0.21 0.00	17.47 0.25 0.00	13.26 0.27 0.00	12.31 0.24 0.00	15.69 0.21 0.00	16.36 0.25 0.00	12.84 0.22 0.00	13.77 0.18 0.00	15.32 0.14 0.00	14.56 0.14 0.00	15.65 0.16 0.00	16.99 0.22 0.00	16.87 0.22 0.00	17.15 0.23 0.00	18.52 0.23 0.00	23.57 0.33 0.00	23.21 0.42 0.00	29.18 0.53 0.00	27.00 0.45 0.00	21.02 0.33 0.00	20.07 0.34 0.00	20.76 0.32 0.00	16.73 0.22 -1.41
BETHLEHEM___STEEL 23779	17.83 0.07 0.00	13.88 0.28 0.00	17.55 0.33 0.00	13.15 0.16 0.00	12.24 0.17 0.00	15.83 0.35 0.00	16.36 0.25 0.00	12.79 0.16 0.00	13.83 0.24 0.00	15.60 0.42 0.00	14.69 0.27 0.00	15.77 0.28 0.00	17.05 0.28 0.00	16.93 0.29 0.00	17.23 0.31 0.00	18.68 0.40 0.00	23.66 0.42 0.00	23.11 0.32 0.00	28.87 0.22 0.00	26.82 0.27 0.00	20.82 0.12 0.00	19.69 -0.04 0.00	20.39 -0.05 0.00	15.45 0.15 -0.19
BETHLHEM_115KV_TB1 79974	18.08 0.33 0.00	13.84 0.25 0.00	17.52 0.30 0.00	13.29 0.30 0.00	12.34 0.27 0.00	15.73 0.26 0.00	16.40 0.29 0.00	12.87 0.25 0.00	13.81 0.22 0.00	15.36 0.18 0.00	14.61 0.19 0.00	15.70 0.20 0.00	17.04 0.27 0.00	16.92 0.27 0.00	17.20 0.28 0.00	18.58 0.29 0.00	23.64 0.40 0.00	23.27 0.48 0.00	29.26 0.61 0.00	27.06 0.52 0.00	21.08 0.38 0.00	20.12 0.39 0.00	20.82 0.38 0.00	16.77 0.26 -1.41
BETHPAGE_CC_5 323564	18.85 1.09 0.00	14.36 0.76 0.00	18.14 0.92 0.00	13.69 0.71 0.00	12.70 0.63 0.00	16.20 0.72 0.00	16.94 0.83 0.00	13.30 0.68 0.00	14.29 0.70 0.00	16.06 0.87 0.00	15.43 1.01 0.00	16.56 1.07 0.00	18.01 1.24 0.00	17.90 1.26 0.00	18.19 1.27 0.00	19.57 1.28 0.00	24.80 1.56 0.00	24.44 1.65 0.00	30.61 1.95 0.00	28.22 1.67 0.00	22.09 1.39 0.00	21.14 1.41 0.00	21.94 1.50 0.00	17.19 0.98 -1.11
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.88 0.12 0.00	13.92 0.32 0.00	17.59 0.37 0.00	13.18 0.19 0.00	12.26 0.20 0.00	15.86 0.38 0.00	16.39 0.28 0.00	12.81 0.19 0.00	13.86 0.27 0.00	15.64 0.46 0.00	14.74 0.31 0.00	15.82 0.32 0.00	17.09 0.32 0.00	16.98 0.34 0.00	17.29 0.37 0.00	18.75 0.46 0.00	23.74 0.50 0.00	23.19 0.40 0.00	28.98 0.33 0.00	26.93 0.38 0.00	20.89 0.19 0.00	19.76 0.03 0.00	20.46 0.02 0.00	15.50 0.20 -0.20
BINGHAMTON___COGEN 23790	18.07 0.31 0.00	13.92 0.32 0.00	17.60 0.38 0.00	13.24 0.25 0.00	12.30 0.24 0.00	15.79 0.31 0.00	16.43 0.32 0.00	12.86 0.24 0.00	13.87 0.28 0.00	15.58 0.39 0.00	14.77 0.34 0.00	15.87 0.38 0.00	17.16 0.39 0.00	17.04 0.40 0.00	17.36 0.44 0.00	18.81 0.53 0.00	23.91 0.67 0.00	23.46 0.67 0.00	29.51 0.85 0.00	27.31 0.76 0.00	21.26 0.56 0.00	20.20 0.46 0.00	20.92 0.48 0.00	15.82 0.36 -0.36
BIXINCNT_115KV_LOAD 355685	18.08 0.32 0.00	14.06 0.46 0.00	17.77 0.55 0.00	13.32 0.34 0.00	12.41 0.34 0.00	16.02 0.55 0.00	16.58 0.47 0.00	12.98 0.36 0.00	14.04 0.45 0.00	15.87 0.69 0.00	14.96 0.54 0.00	16.03 0.54 0.00	17.27 0.51 0.00	17.12 0.48 0.00	17.47 0.55 0.00	18.97 0.69 0.00	24.05 0.81 0.00	23.37 0.59 0.00	29.24 0.58 0.00	27.18 0.63 0.00	21.09 0.39 0.00	19.90 0.16 0.00	20.62 0.17 0.00	15.58 0.27 -0.21
BLACK RIVER___HYD 24047	18.03 0.28 0.00	13.88 0.28 0.00	17.58 0.36 0.00	13.30 0.32 0.00	12.41 0.34 0.00	15.91 0.43 0.00	16.49 0.38 0.00	12.80 0.18 0.00	13.71 0.12 0.00	15.24 0.06 0.00	14.40 -0.02 0.00	15.41 -0.08 0.00	16.54 -0.23 0.00	16.36 -0.28 0.00	16.69 -0.23 0.00	18.05 -0.23 0.00	22.99 -0.25 0.00	22.72 -0.07 0.00	28.80 0.15 0.00	27.01 0.46 0.00	21.43 0.73 0.00	20.54 0.81 0.00	21.26 0.82 0.00	15.67 0.50 -0.06

BLACKRVR_115KV_TB2 79977	18.04 0.28 0.00	13.88 0.28 0.00	17.58 0.36 0.00	13.30 0.32 0.00	12.41 0.34 0.00	15.91 0.43 0.00	16.49 0.38 0.00	12.80 0.18 0.00	13.71 0.12 0.00	15.24 0.06 0.00	14.40 -0.02 0.00	15.41 -0.08 0.00	16.54 -0.23 0.00	16.36 -0.28 0.00	16.69 -0.23 0.00	18.05 -0.23 0.00	22.99 -0.25 0.00	22.72 -0.07 0.00	28.80 0.14 0.00	27.01 0.46 0.00	21.44 0.74 0.00	20.54 0.81 0.00	21.26 0.82 0.00	15.66 0.50 -0.06
BLISS_WT_PWR 323608	18.09 0.34 0.00	14.06 0.46 0.00	17.77 0.55 0.00	13.33 0.34 0.00	12.41 0.34 0.00	16.02 0.55 0.00	16.59 0.48 0.00	12.98 0.36 0.00	14.04 0.45 0.00	15.89 0.70 0.00	14.98 0.56 0.00	16.06 0.57 0.00	17.29 0.53 0.00	17.13 0.49 0.00	17.49 0.57 0.00	19.01 0.73 0.00	24.08 0.84 0.00	23.37 0.58 0.00	29.22 0.57 0.00	27.18 0.62 0.00	21.08 0.38 0.00	19.88 0.15 0.00	20.59 0.15 0.00	15.55 0.24 -0.21
BLUE_CIRC_CHEM_DRP 24182	18.29 0.54 0.00	14.01 0.41 0.00	17.75 0.53 0.00	13.43 0.45 0.00	12.48 0.41 0.00	15.95 0.48 0.00	16.61 0.50 0.00	13.01 0.39 0.00	13.95 0.36 0.00	15.53 0.34 0.00	14.76 0.34 0.00	15.86 0.37 0.00	17.20 0.44 0.00	17.08 0.44 0.00	17.36 0.45 0.00	18.77 0.48 0.00	23.89 0.65 0.00	23.51 0.72 0.00	29.58 0.92 0.00	27.39 0.84 0.00	21.32 0.63 0.00	20.35 0.62 0.00	21.05 0.61 0.00	16.92 0.43 -1.38
BOC_GAS_DRP 24189	18.21 0.45 0.00	13.93 0.34 0.00	17.65 0.43 0.00	13.35 0.36 0.00	12.40 0.33 0.00	15.84 0.37 0.00	16.51 0.40 0.00	12.94 0.31 0.00	13.90 0.31 0.00	15.48 0.30 0.00	14.73 0.31 0.00	15.83 0.33 0.00	17.17 0.40 0.00	17.04 0.40 0.00	17.33 0.41 0.00	18.71 0.43 0.00	23.80 0.56 0.00	23.40 0.61 0.00	29.41 0.76 0.00	27.21 0.66 0.00	21.20 0.51 0.00	20.24 0.51 0.00	20.95 0.51 0.00	16.87 0.37 -1.40
BOONVILLE_115KV_TB1 79983	18.08 0.33 0.00	13.87 0.27 0.00	17.56 0.34 0.00	13.25 0.27 0.00	12.33 0.26 0.00	15.81 0.34 0.00	16.44 0.34 0.00	12.85 0.22 0.00	13.82 0.22 0.00	15.41 0.23 0.00	14.59 0.16 0.00	15.66 0.17 0.00	16.90 0.13 0.00	16.75 0.11 0.00	17.05 0.13 0.00	18.44 0.15 0.00	23.50 0.26 0.00	23.16 0.37 0.00	29.23 0.57 0.00	27.22 0.67 0.00	21.31 0.61 0.00	20.34 0.61 0.00	21.02 0.58 0.00	15.53 0.38 -0.04
BORALEX_4TH_BRANCH 23824	18.71 0.95 0.00	14.30 0.70 0.00	18.19 0.97 0.00	13.87 0.88 0.00	12.87 0.81 0.00	16.45 0.98 0.00	17.11 0.99 0.00	13.30 0.68 0.00	14.19 0.60 0.00	15.72 0.54 0.00	14.96 0.54 0.00	16.06 0.56 0.00	17.44 0.68 0.00	17.30 0.66 0.00	17.58 0.66 0.00	18.97 0.69 0.00	24.11 0.87 0.00	23.74 0.95 0.00	29.82 1.16 0.00	27.64 1.09 0.00	21.48 0.78 0.00	20.60 0.87 0.00	21.38 0.93 0.00	17.19 0.69 -1.40
BOWLINE___1 23526	18.70 0.94 0.00	14.25 0.65 0.00	17.98 0.76 0.00	13.61 0.62 0.00	12.62 0.55 0.00	16.12 0.65 0.00	16.83 0.72 0.00	13.22 0.59 0.00	14.27 0.68 0.00	15.96 0.78 0.00	15.23 0.81 0.00	16.39 0.90 0.00	17.79 1.03 0.00	17.68 1.03 0.00	17.98 1.06 0.00	19.43 1.14 0.00	24.61 1.37 0.00	24.19 1.40 0.00	30.33 1.67 0.00	27.98 1.43 0.00	21.87 1.17 0.00	20.79 1.06 0.00	21.61 1.17 0.00	16.99 0.82 -1.07
BOWLINE___2 23595	18.70 0.94 0.00	14.25 0.65 0.00	17.98 0.76 0.00	13.61 0.62 0.00	12.62 0.55 0.00	16.12 0.65 0.00	16.83 0.72 0.00	13.22 0.59 0.00	14.27 0.68 0.00	15.96 0.78 0.00	15.23 0.81 0.00	16.39 0.90 0.00	17.80 1.03 0.00	17.68 1.03 0.00	17.98 1.06 0.00	19.43 1.14 0.00	24.61 1.37 0.00	24.19 1.40 0.00	30.33 1.67 0.00	27.98 1.43 0.00	21.87 1.17 0.00	20.79 1.06 0.00	21.62 1.18 0.00	16.99 0.82 -1.07
BRADY___115KV_TB2 356060	17.69 -0.07 0.00	13.51 -0.08 0.00	17.13 -0.09 0.00	12.89 -0.09 0.00	12.00 -0.07 0.00	15.43 -0.05 0.00	16.06 -0.05 0.00	12.57 -0.05 0.00	13.54 -0.05 0.00	15.10 -0.09 0.00	14.31 -0.11 0.00	15.35 -0.14 0.00	16.58 -0.19 0.00	16.44 -0.19 0.00	16.71 -0.20 0.00	18.08 -0.20 0.00	23.00 -0.24 0.00	22.48 -0.31 0.00	28.30 -0.36 0.00	26.30 -0.25 0.00	20.57 -0.12 0.00	19.67 -0.06 0.00	20.37 -0.07 0.00	14.97 -0.16 -0.03
BRANSCOMB___SOLAR 323811	18.90 1.14 0.00	14.45 0.85 0.00	18.29 1.07 0.00	13.83 0.85 0.00	12.85 0.78 0.00	16.45 0.97 0.00	17.12 1.01 0.00	13.35 0.73 0.00	14.32 0.73 0.00	15.91 0.73 0.00	15.09 0.67 0.00	16.22 0.73 0.00	17.62 0.85 0.00	17.43 0.79 0.00	17.72 0.80 0.00	19.16 0.88 0.00	24.49 1.25 0.00	24.18 1.39 0.00	30.58 1.92 0.00	28.34 1.79 0.00	22.10 1.40 0.00	21.07 1.35 0.00	21.77 1.32 0.00	17.47 0.93 -1.45
BRENTWOD_69_KV_W. BRTWOOD 56703	18.96 1.20 0.00	14.44 0.84 0.00	18.27 1.05 0.00	13.78 0.79 0.00	12.78 0.71 0.00	16.29 0.81 0.00	17.06 0.95 0.00	13.39 0.76 0.00	14.35 0.76 0.00	16.14 0.95 0.00	15.53 1.11 0.00	16.66 1.16 0.00	18.11 1.34 0.00	18.00 1.36 0.00	18.29 1.37 0.00	19.69 1.41 0.00	24.97 1.74 0.00	24.63 1.84 0.00	30.76 2.11 0.00	28.38 1.84 0.00	22.29 1.59 0.00	21.33 1.60 0.00	22.15 1.70 0.00	17.30 1.10 -1.11
BRISTLHL_115KV_TB1 79998	17.60 -0.15 0.00	13.51 -0.08 0.00	17.11 -0.11 0.00	12.89 -0.09 0.00	11.98 -0.08 0.00	15.38 -0.09 0.00	16.00 -0.12 0.00	12.52 -0.10 0.00	13.48 -0.11 0.00	15.09 -0.09 0.00	14.32 -0.10 0.00	15.38 -0.12 0.00	16.63 -0.14 0.00	16.51 -0.13 0.00	16.79 -0.12 0.00	18.15 -0.14 0.00	23.06 -0.18 0.00	22.67 -0.12 0.00	28.53 -0.12 0.00	26.46 -0.10 0.00	20.63 -0.06 0.00	19.64 -0.09 0.00	20.32 -0.12 0.00	15.14 -0.06 -0.09
BROOKHAVEN___DRP 24191	18.76 1.01 0.00	14.30 0.70 0.00	18.15 0.93 0.00	13.67 0.68 0.00	12.67 0.60 0.00	16.12 0.65 0.00	16.95 0.84 0.00	13.30 0.68 0.00	14.17 0.58 0.00	15.94 0.75 0.00	15.34 0.92 0.00	16.44 0.94 0.00	17.87 1.10 0.00	17.76 1.12 0.00	18.05 1.13 0.00	19.46 1.17 0.00	24.71 1.47 0.00	24.37 1.58 0.00	30.56 1.90 0.00	28.19 1.64 0.00	22.08 1.38 0.00	21.13 1.40 0.00	21.94 1.50 0.00	17.13 0.92 -1.11
BROOKLYN_NAVY_YARD 23515	18.92 1.16 0.00	14.43 0.83 0.00	18.19 0.97 0.00	13.78 0.79 0.00	12.77 0.71 0.00	16.31 0.84 0.00	17.04 0.93 0.00	13.40 0.77 0.00	14.47 0.88 0.00	16.14 0.96 0.00	15.39 0.97 0.00	16.56 1.06 0.00	17.97 1.20 0.00	17.85 1.21 0.00	18.14 1.23 0.00	19.59 1.31 0.00	24.78 1.54 0.00	24.33 1.54 0.00	30.47 1.81 0.00	28.10 1.55 0.00	22.00 1.30 0.00	20.95 1.22 0.00	21.80 1.35 0.00	17.15 0.94 -1.11
BROOKLYN___ARMY_DRP 323595	19.00 1.25 0.00	14.48 0.88 0.00	18.25 1.03 0.00	13.82 0.83 0.00	12.81 0.75 0.00	16.37 0.89 0.00	17.09 0.98 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.18 0.99 0.00	15.45 1.03 0.00	16.63 1.14 0.00	18.06 1.30 0.00	17.93 1.29 0.00	18.23 1.32 0.00	19.69 1.41 0.00	24.92 1.68 0.00	24.48 1.69 0.00	30.60 1.95 0.00	28.28 1.73 0.00	22.12 1.42 0.00	21.06 1.33 0.00	21.91 1.47 0.00	17.23 1.03 -1.11

BROOKVLE_69_KV_TB1 55790	18.91 1.15 0.00	14.41 0.82 0.00	18.19 0.97 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.27 0.80 0.00	17.00 0.89 0.00	13.36 0.74 0.00	14.39 0.80 0.00	16.15 0.96 0.00	15.49 1.07 0.00	16.65 1.15 0.00	18.09 1.33 0.00	17.98 1.34 0.00	18.28 1.36 0.00	19.72 1.43 0.00	24.99 1.75 0.00	24.59 1.80 0.00	30.79 2.13 0.00	28.39 1.85 0.00	22.20 1.50 0.00	21.18 1.44 0.00	21.96 1.52 0.00	17.23 1.02 -1.11
BROOME_2_LFGE 323671	18.07 0.32 0.00	13.92 0.32 0.00	17.60 0.38 0.00	13.24 0.25 0.00	12.30 0.24 0.00	15.79 0.31 0.00	16.43 0.32 0.00	12.87 0.24 0.00	13.87 0.28 0.00	15.58 0.39 0.00	14.77 0.35 0.00	15.88 0.38 0.00	17.16 0.39 0.00	17.04 0.40 0.00	17.36 0.44 0.00	18.81 0.53 0.00	23.91 0.67 0.00	23.46 0.67 0.00	29.51 0.85 0.00	27.31 0.76 0.00	21.26 0.56 0.00	20.20 0.46 0.00	20.92 0.48 0.00	15.82 0.36 -0.36
BROOME___LFGE 323600	18.07 0.32 0.00	13.92 0.32 0.00	17.60 0.38 0.00	13.24 0.25 0.00	12.30 0.24 0.00	15.79 0.31 0.00	16.43 0.32 0.00	12.87 0.24 0.00	13.87 0.28 0.00	15.58 0.39 0.00	14.77 0.35 0.00	15.88 0.38 0.00	17.16 0.39 0.00	17.04 0.40 0.00	17.36 0.44 0.00	18.81 0.53 0.00	23.91 0.67 0.00	23.46 0.67 0.00	29.51 0.85 0.00	27.31 0.76 0.00	21.26 0.56 0.00	20.20 0.46 0.00	20.92 0.48 0.00	15.82 0.36 -0.36
BROWNFLS_115KV_TB_3_5 80003	17.72 -0.03 0.00	13.58 -0.02 0.00	17.20 -0.02 0.00	12.98 0.00 0.00	12.09 0.03 0.00	15.52 0.05 0.00	16.14 0.03 0.00	12.61 -0.02 0.00	13.55 -0.04 0.00	15.08 -0.10 0.00	14.28 -0.14 0.00	15.30 -0.19 0.00	16.48 -0.28 0.00	16.32 -0.33 0.00	16.61 -0.31 0.00	17.97 -0.32 0.00	22.89 -0.35 0.00	22.49 -0.30 0.00	28.40 -0.25 0.00	26.49 -0.06 0.00	20.80 0.10 0.00	19.96 0.23 0.00	20.67 0.22 0.00	15.21 0.07 -0.04
BROWNSV1_27_KV_LOAD 356125	19.06 1.30 0.00	14.53 0.93 0.00	18.31 1.09 0.00	13.86 0.88 0.00	12.86 0.79 0.00	16.42 0.95 0.00	17.14 1.03 0.00	13.49 0.86 0.00	14.57 0.98 0.00	16.28 1.10 0.00	15.55 1.13 0.00	16.73 1.24 0.00	18.16 1.39 0.00	18.03 1.40 0.00	18.33 1.42 0.00	19.81 1.52 0.00	25.06 1.83 0.00	24.60 1.82 0.00	30.81 2.15 0.00	28.41 1.87 0.00	22.22 1.52 0.00	21.16 1.43 0.00	22.01 1.57 0.00	17.31 1.11 -1.11
BURROWS___LYONSDAL 23803	18.05 0.30 0.00	13.86 0.26 0.00	17.53 0.31 0.00	13.24 0.26 0.00	12.33 0.26 0.00	15.81 0.34 0.00	16.44 0.33 0.00	12.83 0.21 0.00	13.79 0.20 0.00	15.38 0.19 0.00	14.55 0.13 0.00	15.61 0.11 0.00	16.83 0.07 0.00	16.66 0.02 0.00	16.97 0.05 0.00	18.35 0.07 0.00	23.39 0.14 0.00	23.06 0.27 0.00	29.12 0.47 0.00	27.15 0.60 0.00	21.29 0.59 0.00	20.34 0.61 0.00	21.03 0.59 0.00	15.52 0.38 -0.04
CAITHNESS_CC_1 323624	18.76 1.01 0.00	14.30 0.71 0.00	18.13 0.91 0.00	13.67 0.68 0.00	12.67 0.60 0.00	16.13 0.65 0.00	16.95 0.84 0.00	13.29 0.67 0.00	14.19 0.60 0.00	15.94 0.76 0.00	15.36 0.94 0.00	16.46 0.96 0.00	17.89 1.12 0.00	17.79 1.15 0.00	18.07 1.15 0.00	19.47 1.19 0.00	24.72 1.48 0.00	24.38 1.59 0.00	30.56 1.90 0.00	28.19 1.64 0.00	22.08 1.38 0.00	21.13 1.41 0.00	21.94 1.50 0.00	17.14 0.93 -1.11
CALPINE BETH_PAGE_GT4 24209	18.84 1.08 0.00	14.35 0.75 0.00	18.13 0.90 0.00	13.69 0.70 0.00	12.70 0.63 0.00	16.19 0.72 0.00	16.93 0.82 0.00	13.29 0.67 0.00	14.29 0.70 0.00	16.05 0.87 0.00	15.42 1.00 0.00	16.55 1.06 0.00	18.00 1.23 0.00	17.89 1.25 0.00	18.17 1.25 0.00	19.52 1.23 0.00	24.74 1.50 0.00	24.37 1.58 0.00	30.53 1.88 0.00	28.14 1.59 0.00	22.03 1.34 0.00	21.12 1.39 0.00	21.92 1.48 0.00	17.17 0.97 -1.11
CALPINE_BETH_PAGE_GT_4 323586	18.84 1.08 0.00	14.35 0.75 0.00	18.13 0.90 0.00	13.69 0.70 0.00	12.70 0.63 0.00	16.19 0.72 0.00	16.93 0.82 0.00	13.29 0.67 0.00	14.29 0.70 0.00	16.05 0.86 0.00	15.42 1.00 0.00	16.55 1.06 0.00	18.00 1.23 0.00	17.89 1.25 0.00	18.17 1.25 0.00	19.52 1.23 0.00	24.74 1.50 0.00	24.37 1.58 0.00	30.53 1.88 0.00	28.14 1.59 0.00	22.04 1.34 0.00	21.12 1.39 0.00	21.92 1.48 0.00	17.17 0.96 -1.11
CALPINE_BP_GT1 23823	18.84 1.08 0.00	14.35 0.75 0.00	18.13 0.90 0.00	13.69 0.70 0.00	12.70 0.63 0.00	16.19 0.72 0.00	16.93 0.82 0.00	13.29 0.67 0.00	14.29 0.70 0.00	16.05 0.86 0.00	15.42 1.00 0.00	16.55 1.06 0.00	18.00 1.23 0.00	17.89 1.25 0.00	18.17 1.25 0.00	19.52 1.23 0.00	24.74 1.50 0.00	24.37 1.58 0.00	30.53 1.88 0.00	28.14 1.59 0.00	22.04 1.34 0.00	21.12 1.39 0.00	21.92 1.48 0.00	17.17 0.96 -1.11
CALSPAN___DRP 24200	17.83 0.07 0.00	13.88 0.28 0.00	17.55 0.33 0.00	13.15 0.16 0.00	12.24 0.17 0.00	15.83 0.35 0.00	16.36 0.25 0.00	12.79 0.16 0.00	13.83 0.24 0.00	15.60 0.42 0.00	14.69 0.27 0.00	15.77 0.28 0.00	17.05 0.28 0.00	16.93 0.29 0.00	17.23 0.31 0.00	18.68 0.40 0.00	23.66 0.42 0.00	23.11 0.32 0.00	28.87 0.22 0.00	26.82 0.27 0.00	20.82 0.12 0.00	19.69 -0.04 0.00	20.39 -0.05 0.00	15.45 0.15 -0.19
CALVERTON___SOLAR 323806	18.78 1.02 0.00	14.31 0.72 0.00	18.18 0.96 0.00	13.69 0.70 0.00	12.69 0.62 0.00	16.13 0.66 0.00	16.99 0.88 0.00	13.32 0.70 0.00	14.18 0.60 0.00	15.94 0.76 0.00	15.35 0.93 0.00	16.45 0.95 0.00	17.88 1.12 0.00	17.78 1.14 0.00	18.06 1.15 0.00	19.47 1.18 0.00	24.74 1.50 0.00	24.42 1.63 0.00	30.62 1.96 0.00	28.24 1.69 0.00	22.12 1.43 0.00	21.16 1.43 0.00	21.97 1.53 0.00	17.14 0.94 -1.11
CANDIGU_WT_PWR 323617	17.98 0.22 0.00	13.95 0.35 0.00	17.62 0.40 0.00	13.22 0.23 0.00	12.30 0.24 0.00	15.84 0.37 0.00	16.41 0.30 0.00	12.81 0.19 0.00	13.83 0.24 0.00	15.64 0.46 0.00	14.77 0.35 0.00	15.90 0.40 0.00	17.12 0.36 0.00	17.00 0.36 0.00	17.35 0.43 0.00	18.85 0.57 0.00	23.89 0.65 0.00	23.29 0.50 0.00	29.25 0.60 0.00	27.14 0.59 0.00	21.05 0.35 0.00	19.91 0.18 0.00	20.59 0.14 0.00	15.55 0.19 -0.25
CARR STREET_E_SYR 24060	17.70 -0.05 0.00	13.60 0.00 0.00	17.21 -0.02 0.00	12.96 -0.03 0.00	12.05 -0.02 0.00	15.47 0.00 0.00	16.08 -0.02 0.00	12.59 -0.03 0.00	13.56 -0.03 0.00	15.19 0.00 0.00	14.40 -0.02 0.00	15.49 -0.01 0.00	16.76 -0.01 0.00	16.64 0.00 0.00	16.93 0.01 0.00	18.32 0.03 0.00	23.28 0.03 0.00	22.88 0.09 0.00	28.79 0.13 0.00	26.69 0.14 0.00	20.80 0.10 0.00	19.78 0.04 0.00	20.45 0.01 0.00	15.24 0.04 -0.11
CARTHAGE___PAPER 23857	18.07 0.32 0.00	13.89 0.30 0.00	17.59 0.37 0.00	13.30 0.31 0.00	12.40 0.34 0.00	15.91 0.43 0.00	16.51 0.40 0.00	12.83 0.21 0.00	13.75 0.16 0.00	15.27 0.09 0.00	14.42 0.00 0.00	15.44 -0.05 0.00	16.59 -0.18 0.00	16.40 -0.24 0.00	16.71 -0.20 0.00	18.08 -0.21 0.00	23.05 -0.19 0.00	22.77 -0.02 0.00	28.88 0.22 0.00	27.07 0.52 0.00	21.40 0.70 0.00	20.51 0.78 0.00	21.22 0.78 0.00	15.64 0.48 -0.06

CASSADAGA_WT_PWR 323784	18.03 0.27 0.00	14.03 0.43 0.00	17.80 0.58 0.00	13.35 0.37 0.00	12.43 0.36 0.00	16.06 0.58 0.00	16.67 0.56 0.00	13.05 0.43 0.00	14.14 0.55 0.00	16.08 0.90 0.00	15.17 0.75 0.00	16.31 0.82 0.00	17.57 0.80 0.00	17.45 0.81 0.00	17.78 0.86 0.00	19.28 0.99 0.00	24.35 1.11 0.00	23.72 0.93 0.00	29.80 1.15 0.00	27.52 0.97 0.00	21.29 0.59 0.00	20.08 0.34 0.00	20.83 0.39 0.00	15.65 0.34 -0.20
CE_DUNWOOD___DRP 24194	18.80 1.04 0.00	14.33 0.73 0.00	18.08 0.86 0.00	13.68 0.70 0.00	12.69 0.62 0.00	16.21 0.73 0.00	16.92 0.81 0.00	13.30 0.67 0.00	14.35 0.76 0.00	16.05 0.87 0.00	15.33 0.90 0.00	16.49 0.99 0.00	17.90 1.13 0.00	17.77 1.14 0.00	18.08 1.16 0.00	19.53 1.24 0.00	24.73 1.49 0.00	24.30 1.51 0.00	30.46 1.80 0.00	28.09 1.55 0.00	21.96 1.27 0.00	20.91 1.18 0.00	21.73 1.29 0.00	17.11 0.90 -1.10
CE_MILLWOOD___DRP 24193	18.77 1.01 0.00	14.31 0.71 0.00	18.05 0.83 0.00	13.66 0.67 0.00	12.67 0.60 0.00	16.19 0.71 0.00	16.89 0.78 0.00	13.27 0.65 0.00	14.32 0.73 0.00	16.02 0.84 0.00	15.29 0.87 0.00	16.45 0.96 0.00	17.86 1.09 0.00	17.74 1.10 0.00	18.05 1.13 0.00	19.49 1.20 0.00	24.68 1.44 0.00	24.26 1.47 0.00	30.41 1.75 0.00	28.05 1.50 0.00	21.92 1.23 0.00	20.87 1.14 0.00	21.69 1.25 0.00	17.07 0.87 -1.10
CE_NYC2_DRP 24202	18.92 1.16 0.00	14.42 0.83 0.00	18.17 0.95 0.00	13.77 0.79 0.00	12.77 0.71 0.00	16.30 0.83 0.00	17.02 0.91 0.00	13.39 0.77 0.00	14.46 0.88 0.00	16.15 0.96 0.00	15.42 1.00 0.00	16.59 1.10 0.00	18.00 1.24 0.00	17.88 1.24 0.00	18.18 1.26 0.00	19.63 1.34 0.00	24.84 1.60 0.00	24.39 1.60 0.00	30.52 1.86 0.00	28.17 1.62 0.00	22.04 1.35 0.00	20.98 1.25 0.00	21.83 1.39 0.00	17.19 0.98 -1.11
CE_NYC_DRP 24195	18.90 1.15 0.00	14.42 0.82 0.00	18.17 0.95 0.00	13.76 0.78 0.00	12.77 0.70 0.00	16.30 0.83 0.00	17.02 0.91 0.00	13.39 0.77 0.00	14.46 0.87 0.00	16.15 0.97 0.00	15.42 1.00 0.00	16.59 1.09 0.00	18.00 1.24 0.00	17.88 1.24 0.00	18.17 1.25 0.00	19.63 1.34 0.00	24.84 1.60 0.00	24.37 1.58 0.00	30.53 1.87 0.00	28.15 1.61 0.00	22.02 1.32 0.00	20.97 1.24 0.00	21.82 1.38 0.00	17.18 0.97 -1.11
CHAFFEE___LFGE 323603	17.86 0.10 0.00	13.89 0.30 0.00	17.56 0.34 0.00	13.15 0.17 0.00	12.24 0.18 0.00	15.83 0.36 0.00	16.36 0.25 0.00	12.80 0.17 0.00	13.84 0.25 0.00	15.63 0.44 0.00	14.72 0.30 0.00	15.80 0.31 0.00	17.06 0.30 0.00	16.94 0.31 0.00	17.26 0.34 0.00	18.71 0.43 0.00	23.71 0.47 0.00	23.14 0.36 0.00	28.95 0.30 0.00	26.90 0.35 0.00	20.86 0.16 0.00	19.73 0.00 0.00	20.43 -0.01 0.00	15.47 0.16 -0.20
CHATEAUG_35_KV_LOAD 355732	17.63 -0.12 0.00	13.30 -0.30 0.00	16.81 -0.41 0.00	12.65 -0.34 0.00	11.81 -0.25 0.00	15.19 -0.28 0.00	15.84 -0.27 0.00	12.51 -0.11 0.00	13.50 -0.09 0.00	15.09 -0.10 0.00	14.33 -0.09 0.00	15.35 -0.14 0.00	16.59 -0.17 0.00	16.45 -0.19 0.00	16.67 -0.25 0.00	18.05 -0.24 0.00	23.06 -0.18 0.00	22.58 -0.21 0.00	28.49 -0.17 0.00	26.46 -0.09 0.00	20.58 -0.12 0.00	19.56 -0.17 0.00	20.26 -0.18 0.00	14.86 -0.27 -0.02
CHATEAUG_WT_PWR 323614	17.66 -0.10 0.00	13.30 -0.29 0.00	16.80 -0.42 0.00	12.65 -0.34 0.00	11.81 -0.26 0.00	15.19 -0.28 0.00	15.84 -0.27 0.00	12.52 -0.10 0.00	13.51 -0.08 0.00	15.09 -0.09 0.00	14.35 -0.07 0.00	15.38 -0.11 0.00	16.63 -0.13 0.00	16.49 -0.15 0.00	16.71 -0.21 0.00	18.08 -0.20 0.00	23.11 -0.13 0.00	22.65 -0.14 0.00	28.57 -0.09 0.00	26.54 -0.01 0.00	20.63 -0.07 0.00	19.60 -0.13 0.00	20.28 -0.16 0.00	14.88 -0.25 -0.02
CHAT_HIGH_FALL_HYD 323578	17.63 -0.13 0.00	13.30 -0.30 0.00	16.81 -0.41 0.00	12.65 -0.34 0.00	11.81 -0.25 0.00	15.19 -0.28 0.00	15.84 -0.27 0.00	12.51 -0.11 0.00	13.50 -0.09 0.00	15.09 -0.10 0.00	14.33 -0.09 0.00	15.35 -0.14 0.00	16.59 -0.17 0.00	16.45 -0.19 0.00	16.67 -0.25 0.00	18.05 -0.24 0.00	23.06 -0.18 0.00	22.58 -0.20 0.00	28.49 -0.17 0.00	26.46 -0.09 0.00	20.58 -0.12 0.00	19.57 -0.16 0.00	20.26 -0.19 0.00	14.86 -0.27 -0.02
CHAUTAUQUA___LFGE 323629	17.99 0.23 0.00	13.99 0.40 0.00	17.71 0.49 0.00	13.28 0.30 0.00	12.37 0.30 0.00	15.96 0.49 0.00	16.56 0.45 0.00	12.95 0.33 0.00	14.02 0.43 0.00	15.90 0.72 0.00	15.00 0.58 0.00	16.13 0.64 0.00	17.39 0.62 0.00	17.28 0.64 0.00	17.60 0.68 0.00	19.10 0.81 0.00	24.15 0.91 0.00	23.56 0.77 0.00	29.52 0.87 0.00	27.33 0.78 0.00	21.17 0.47 0.00	19.99 0.26 0.00	20.73 0.29 0.00	15.61 0.31 -0.20
CHERRYST_13_KV_LD 356241	18.95 1.19 0.00	14.45 0.85 0.00	18.22 1.00 0.00	13.80 0.82 0.00	12.80 0.73 0.00	16.35 0.87 0.00	17.06 0.96 0.00	13.42 0.80 0.00	14.50 0.90 0.00	16.20 1.02 0.00	15.46 1.04 0.00	16.63 1.14 0.00	18.05 1.29 0.00	17.92 1.28 0.00	18.22 1.30 0.00	19.68 1.40 0.00	24.91 1.67 0.00	24.44 1.65 0.00	30.61 1.95 0.00	28.22 1.67 0.00	22.08 1.38 0.00	21.01 1.28 0.00	21.87 1.43 0.00	17.22 1.01 -1.11
CHESTROR_138KV_BK263 355645	18.63 0.88 0.00	14.20 0.61 0.00	17.93 0.71 0.00	13.56 0.57 0.00	12.58 0.51 0.00	16.07 0.60 0.00	16.77 0.66 0.00	13.17 0.54 0.00	14.20 0.61 0.00	15.89 0.70 0.00	15.15 0.73 0.00	16.29 0.80 0.00	17.68 0.92 0.00	17.56 0.92 0.00	17.87 0.96 0.00	19.32 1.03 0.00	24.49 1.25 0.00	24.08 1.29 0.00	30.21 1.55 0.00	27.89 1.34 0.00	21.78 1.08 0.00	20.73 1.00 0.00	21.53 1.09 0.00	16.88 0.76 -1.02
CH_MIDHUDSON___DRP 24192	18.78 1.02 0.00	14.32 0.73 0.00	18.08 0.86 0.00	13.68 0.69 0.00	12.68 0.61 0.00	16.21 0.73 0.00	16.91 0.80 0.00	13.27 0.65 0.00	14.33 0.73 0.00	16.01 0.83 0.00	15.27 0.85 0.00	16.43 0.93 0.00	17.83 1.06 0.00	17.71 1.07 0.00	18.02 1.10 0.00	19.48 1.19 0.00	24.68 1.44 0.00	24.29 1.51 0.00	30.47 1.82 0.00	28.12 1.57 0.00	21.96 1.26 0.00	20.91 1.17 0.00	21.68 1.24 0.00	17.09 0.87 -1.12
CH_MISC_IPPS 23765	18.88 1.12 0.00	14.39 0.80 0.00	18.17 0.94 0.00	13.74 0.75 0.00	12.74 0.67 0.00	16.28 0.81 0.00	16.99 0.88 0.00	13.34 0.72 0.00	14.40 0.81 0.00	16.10 0.92 0.00	15.36 0.94 0.00	16.52 1.03 0.00	17.94 1.18 0.00	17.82 1.18 0.00	18.14 1.22 0.00	19.61 1.33 0.00	24.88 1.64 0.00	24.49 1.71 0.00	30.71 2.06 0.00	28.33 1.78 0.00	22.12 1.43 0.00	21.05 1.32 0.00	21.83 1.39 0.00	17.17 0.97 -1.10
CH_RES_BVR_FALLS 23983	17.59 -0.17 0.00	13.46 -0.14 0.00	17.03 -0.19 0.00	12.84 -0.15 0.00	11.94 -0.12 0.00	15.33 -0.14 0.00	15.97 -0.14 0.00	12.53 -0.09 0.00	13.49 -0.10 0.00	15.07 -0.12 0.00	14.31 -0.11 0.00	15.36 -0.13 0.00	16.61 -0.16 0.00	16.47 -0.17 0.00	16.73 -0.19 0.00	18.08 -0.21 0.00	22.99 -0.25 0.00	22.53 -0.26 0.00	28.32 -0.33 0.00	26.25 -0.30 0.00	20.46 -0.24 0.00	19.52 -0.21 0.00	20.24 -0.20 0.00	14.87 -0.23 0.00

CH_RES_NIAGARA 23895	17.42 -0.33 0.00	13.57 -0.03 0.00	17.19 -0.04 0.00	12.89 -0.10 0.00	12.01 -0.06 0.00	15.55 0.08 0.00	16.04 -0.07 0.00	12.52 -0.10 0.00	13.54 -0.05 0.00	15.25 0.07 0.00	14.33 -0.09 0.00	15.32 -0.17 0.00	16.54 -0.23 0.00	16.41 -0.23 0.00	16.67 -0.24 0.00	18.05 -0.24 0.00	22.81 -0.43 0.00	22.31 -0.48 0.00	27.82 -0.83 0.00	25.88 -0.67 0.00	20.10 -0.60 0.00	19.05 -0.69 0.00	19.75 -0.70 0.00	15.03 -0.25 -0.18
CH_RES_SYRACUSE 23985	17.78 0.02 0.00	13.65 0.05 0.00	17.28 0.06 0.00	13.02 0.03 0.00	12.11 0.04 0.00	15.54 0.06 0.00	16.16 0.05 0.00	12.65 0.03 0.00	13.63 0.04 0.00	15.26 0.08 0.00	14.47 0.05 0.00	15.56 0.06 0.00	16.83 0.07 0.00	16.71 0.07 0.00	17.00 0.08 0.00	18.39 0.10 0.00	23.40 0.16 0.00	23.00 0.22 0.00	28.95 0.29 0.00	26.83 0.28 0.00	20.91 0.21 0.00	19.89 0.16 0.00	20.56 0.11 0.00	15.33 0.11 -0.12
CLINTON_WT_PWR 323605	17.66 -0.10 0.00	13.30 -0.29 0.00	16.80 -0.42 0.00	12.65 -0.34 0.00	11.81 -0.26 0.00	15.19 -0.28 0.00	15.84 -0.27 0.00	12.52 -0.10 0.00	13.51 -0.08 0.00	15.09 -0.09 0.00	14.35 -0.07 0.00	15.38 -0.11 0.00	16.63 -0.13 0.00	16.49 -0.15 0.00	16.71 -0.21 0.00	18.08 -0.20 0.00	23.11 -0.13 0.00	22.65 -0.14 0.00	28.57 -0.09 0.00	26.54 -0.01 0.00	20.63 -0.07 0.00	19.60 -0.13 0.00	20.28 -0.16 0.00	14.88 -0.25 -0.02
CLINTON___LFGE 323618	17.85 0.10 0.00	13.46 -0.14 0.00	17.00 -0.23 0.00	12.80 -0.19 0.00	11.94 -0.13 0.00	15.35 -0.13 0.00	16.00 -0.11 0.00	12.65 0.03 0.00	13.64 0.06 0.00	15.23 0.05 0.00	14.48 0.05 0.00	15.51 0.01 0.00	16.77 0.01 0.00	16.63 -0.01 0.00	16.87 -0.05 0.00	18.25 -0.03 0.00	23.33 0.09 0.00	22.91 0.12 0.00	28.96 0.30 0.00	26.93 0.38 0.00	20.93 0.23 0.00	19.89 0.16 0.00	20.55 0.11 0.00	15.05 -0.07 -0.02
COBBLENY_34_KV_TB1 80064	17.85 0.09 0.00	13.89 0.30 0.00	17.56 0.34 0.00	13.15 0.17 0.00	12.24 0.18 0.00	15.83 0.36 0.00	16.36 0.25 0.00	12.80 0.17 0.00	13.84 0.25 0.00	15.62 0.44 0.00	14.72 0.30 0.00	15.80 0.30 0.00	17.07 0.30 0.00	16.94 0.30 0.00	17.26 0.34 0.00	18.71 0.43 0.00	23.71 0.47 0.00	23.14 0.36 0.00	28.95 0.30 0.00	26.90 0.35 0.00	20.86 0.17 0.00	19.73 0.00 0.00	20.42 -0.02 0.00	15.46 0.16 -0.20
COFFEEN_115KV_TB3 355620	18.15 0.39 0.00	13.96 0.36 0.00	17.68 0.46 0.00	13.37 0.39 0.00	12.47 0.41 0.00	15.99 0.52 0.00	16.58 0.47 0.00	12.85 0.23 0.00	13.74 0.15 0.00	15.25 0.07 0.00	14.40 -0.02 0.00	15.42 -0.08 0.00	16.55 -0.21 0.00	16.37 -0.27 0.00	16.69 -0.23 0.00	18.06 -0.22 0.00	23.00 -0.24 0.00	22.75 -0.04 0.00	28.85 0.20 0.00	27.11 0.56 0.00	21.59 0.89 0.00	20.70 0.97 0.00	21.40 0.96 0.00	15.76 0.59 -0.07
COLDSPRG_115KV_BK1 355956	18.34 0.59 0.00	14.27 0.68 0.00	18.07 0.85 0.00	13.53 0.54 0.00	12.59 0.52 0.00	16.25 0.78 0.00	16.85 0.75 0.00	13.21 0.58 0.00	14.31 0.73 0.00	16.23 1.05 0.00	15.32 0.90 0.00	16.44 0.95 0.00	17.69 0.93 0.00	17.59 0.95 0.00	17.94 1.02 0.00	19.47 1.18 0.00	24.67 1.43 0.00	24.07 1.28 0.00	30.18 1.52 0.00	27.93 1.38 0.00	21.65 0.95 0.00	20.45 0.72 0.00	21.21 0.77 0.00	15.96 0.65 -0.21
COLONIE_LFGE___ 323577	18.53 0.78 0.00	14.17 0.58 0.00	17.97 0.75 0.00	13.62 0.63 0.00	12.64 0.58 0.00	16.17 0.70 0.00	16.84 0.73 0.00	13.16 0.53 0.00	14.11 0.52 0.00	15.68 0.49 0.00	14.92 0.49 0.00	16.02 0.52 0.00	17.39 0.63 0.00	17.24 0.61 0.00	17.54 0.62 0.00	18.94 0.65 0.00	24.12 0.88 0.00	23.77 0.98 0.00	29.91 1.26 0.00	27.69 1.14 0.00	21.56 0.86 0.00	20.59 0.86 0.00	21.30 0.86 0.00	17.14 0.61 -1.43
COOPERNY_115KV_TB1 80082	18.41 0.66 0.00	14.06 0.46 0.00	17.77 0.55 0.00	13.42 0.43 0.00	12.45 0.39 0.00	15.93 0.46 0.00	16.62 0.51 0.00	13.03 0.41 0.00	14.06 0.47 0.00	15.73 0.54 0.00	14.98 0.56 0.00	16.11 0.61 0.00	17.46 0.69 0.00	17.33 0.69 0.00	17.64 0.72 0.00	19.05 0.77 0.00	24.18 0.93 0.00	23.75 0.96 0.00	29.83 1.17 0.00	27.56 1.01 0.00	21.52 0.82 0.00	20.49 0.76 0.00	21.27 0.83 0.00	16.52 0.58 -0.84
COPENHAGEN_WT_PWR 323753	17.91 0.16 0.00	13.80 0.21 0.00	17.49 0.27 0.00	13.25 0.26 0.00	12.36 0.29 0.00	15.84 0.36 0.00	16.41 0.30 0.00	12.75 0.13 0.00	13.67 0.08 0.00	15.21 0.03 0.00	14.38 -0.04 0.00	15.41 -0.09 0.00	16.50 -0.27 0.00	16.32 -0.32 0.00	16.65 -0.26 0.00	18.02 -0.27 0.00	22.94 -0.30 0.00	22.66 -0.12 0.00	28.69 0.04 0.00	26.90 0.35 0.00	21.31 0.61 0.00	20.42 0.69 0.00	21.16 0.71 0.00	15.60 0.43 -0.07
CORNELL_____ 23752	18.16 0.41 0.00	13.96 0.36 0.00	17.66 0.44 0.00	13.28 0.30 0.00	12.36 0.29 0.00	15.86 0.39 0.00	16.50 0.39 0.00	12.90 0.28 0.00	13.88 0.29 0.00	15.53 0.35 0.00	14.69 0.27 0.00	15.79 0.30 0.00	17.08 0.31 0.00	16.95 0.32 0.00	17.26 0.34 0.00	18.71 0.42 0.00	23.86 0.62 0.00	23.51 0.72 0.00	29.70 1.05 0.00	27.62 1.07 0.00	21.54 0.84 0.00	20.45 0.71 0.00	21.12 0.68 0.00	15.84 0.49 -0.25
CORONA_AV_69_KV_TB1 355595	18.85 1.10 0.00	14.37 0.78 0.00	18.15 0.93 0.00	13.71 0.73 0.00	12.72 0.66 0.00	16.23 0.75 0.00	16.95 0.84 0.00	13.30 0.68 0.00	14.31 0.72 0.00	16.08 0.89 0.00	15.43 1.01 0.00	16.57 1.07 0.00	18.00 1.24 0.00	17.89 1.25 0.00	18.19 1.27 0.00	19.62 1.33 0.00	24.85 1.61 0.00	24.44 1.65 0.00	30.62 1.96 0.00	28.24 1.69 0.00	22.09 1.39 0.00	21.10 1.37 0.00	21.88 1.44 0.00	17.18 0.97 -1.11
CORTLAND_115KV_TB3 80093	18.04 0.28 0.00	13.86 0.26 0.00	17.53 0.31 0.00	13.20 0.21 0.00	12.27 0.21 0.00	15.75 0.28 0.00	16.38 0.27 0.00	12.82 0.20 0.00	13.79 0.20 0.00	15.44 0.26 0.00	14.63 0.21 0.00	15.73 0.24 0.00	17.02 0.25 0.00	16.90 0.25 0.00	17.20 0.28 0.00	18.63 0.34 0.00	23.73 0.49 0.00	23.32 0.53 0.00	29.39 0.73 0.00	27.28 0.73 0.00	21.27 0.58 0.00	20.22 0.49 0.00	20.91 0.46 0.00	15.64 0.33 -0.21
COXSACKIE___GT 23611	18.85 1.09 0.00	14.41 0.82 0.00	18.24 1.02 0.00	13.81 0.82 0.00	12.83 0.76 0.00	16.39 0.92 0.00	17.06 0.94 0.00	13.33 0.71 0.00	14.19 0.60 0.00	15.71 0.53 0.00	14.92 0.49 0.00	16.01 0.52 0.00	17.40 0.63 0.00	17.29 0.65 0.00	17.59 0.68 0.00	19.05 0.76 0.00	24.36 1.12 0.00	24.17 1.38 0.00	30.66 2.01 0.00	28.56 2.01 0.00	22.29 1.59 0.00	21.22 1.49 0.00	21.84 1.40 0.00	17.35 0.94 -1.32
CPV_VALLEY___CC1 323721	18.52 0.76 0.00	14.12 0.53 0.00	17.84 0.62 0.00	13.49 0.50 0.00	12.51 0.44 0.00	16.00 0.52 0.00	16.69 0.58 0.00	13.10 0.48 0.00	14.13 0.54 0.00	15.80 0.62 0.00	15.07 0.65 0.00	16.21 0.71 0.00	17.58 0.82 0.00	17.46 0.82 0.00	17.76 0.85 0.00	19.19 0.90 0.00	24.33 1.09 0.00	23.91 1.12 0.00	30.01 1.35 0.00	27.70 1.15 0.00	21.64 0.94 0.00	20.59 0.86 0.00	21.39 0.94 0.00	16.72 0.66 -0.96

CPV_VALLEY___CC2 323722	18.52 0.76 0.00	14.12 0.53 0.00	17.84 0.62 0.00	13.49 0.50 0.00	12.51 0.44 0.00	16.00 0.52 0.00	16.69 0.58 0.00	13.10 0.48 0.00	14.13 0.54 0.00	15.80 0.62 0.00	15.07 0.65 0.00	16.21 0.71 0.00	17.58 0.82 0.00	17.46 0.82 0.00	17.76 0.85 0.00	19.19 0.90 0.00	24.33 1.09 0.00	23.91 1.12 0.00	30.01 1.35 0.00	27.70 1.15 0.00	21.64 0.94 0.00	20.59 0.86 0.00	21.39 0.94 0.00	16.72 0.66 -0.96
CRESCENT___HYD 24018	18.53 0.78 0.00	14.17 0.58 0.00	17.97 0.75 0.00	13.62 0.63 0.00	12.64 0.58 0.00	16.17 0.70 0.00	16.84 0.73 0.00	13.16 0.53 0.00	14.11 0.52 0.00	15.68 0.49 0.00	14.92 0.49 0.00	16.02 0.52 0.00	17.39 0.63 0.00	17.24 0.61 0.00	17.54 0.62 0.00	18.94 0.65 0.00	24.12 0.88 0.00	23.77 0.98 0.00	29.91 1.26 0.00	27.69 1.14 0.00	21.56 0.86 0.00	20.59 0.86 0.00	21.30 0.86 0.00	17.14 0.61 -1.43
CRICKET___VALLEY_CC1 323756	18.57 0.81 0.00	14.17 0.57 0.00	17.90 0.67 0.00	13.55 0.57 0.00	12.57 0.50 0.00	16.06 0.58 0.00	16.74 0.63 0.00	13.14 0.51 0.00	14.17 0.58 0.00	15.80 0.62 0.00	15.08 0.65 0.00	16.20 0.70 0.00	17.58 0.81 0.00	17.45 0.81 0.00	17.76 0.84 0.00	19.17 0.88 0.00	24.26 1.02 0.00	23.91 1.13 0.00	29.99 1.33 0.00	27.68 1.13 0.00	21.61 0.92 0.00	20.61 0.88 0.00	21.37 0.93 0.00	16.93 0.66 -1.17
CRICKET___VALLEY_CC2 323757	18.57 0.81 0.00	14.17 0.57 0.00	17.90 0.67 0.00	13.55 0.57 0.00	12.57 0.50 0.00	16.06 0.58 0.00	16.74 0.63 0.00	13.14 0.51 0.00	14.17 0.58 0.00	15.80 0.62 0.00	15.08 0.65 0.00	16.20 0.70 0.00	17.58 0.81 0.00	17.45 0.81 0.00	17.76 0.84 0.00	19.17 0.88 0.00	24.26 1.02 0.00	23.91 1.13 0.00	29.99 1.33 0.00	27.68 1.13 0.00	21.61 0.92 0.00	20.61 0.88 0.00	21.37 0.93 0.00	16.93 0.66 -1.17
CRICKET___VALLEY_CC3 323758	18.57 0.81 0.00	14.17 0.57 0.00	17.90 0.67 0.00	13.55 0.57 0.00	12.57 0.50 0.00	16.06 0.58 0.00	16.74 0.63 0.00	13.14 0.51 0.00	14.17 0.58 0.00	15.80 0.62 0.00	15.08 0.65 0.00	16.20 0.70 0.00	17.58 0.81 0.00	17.45 0.81 0.00	17.76 0.84 0.00	19.17 0.88 0.00	24.26 1.02 0.00	23.91 1.13 0.00	29.99 1.33 0.00	27.68 1.13 0.00	21.61 0.92 0.00	20.61 0.88 0.00	21.37 0.93 0.00	16.93 0.66 -1.17
CRUCIBLE_METL_DRP 24180	17.78 0.02 0.00	13.65 0.05 0.00	17.28 0.06 0.00	13.02 0.03 0.00	12.11 0.04 0.00	15.53 0.06 0.00	16.16 0.05 0.00	12.65 0.03 0.00	13.63 0.04 0.00	15.26 0.08 0.00	14.47 0.04 0.00	15.56 0.06 0.00	16.83 0.07 0.00	16.71 0.07 0.00	17.00 0.08 0.00	18.39 0.10 0.00	23.40 0.16 0.00	23.00 0.22 0.00	28.95 0.29 0.00	26.83 0.28 0.00	20.92 0.22 0.00	19.89 0.16 0.00	20.56 0.11 0.00	15.33 0.11 -0.12
DAHOWA___HYDRO 323763	19.01 1.25 0.00	14.54 0.94 0.00	18.38 1.16 0.00	13.90 0.92 0.00	12.91 0.84 0.00	16.54 1.06 0.00	17.22 1.11 0.00	13.42 0.80 0.00	14.41 0.82 0.00	16.00 0.82 0.00	15.17 0.75 0.00	16.30 0.81 0.00	17.71 0.94 0.00	17.51 0.87 0.00	17.81 0.89 0.00	19.25 0.96 0.00	24.63 1.39 0.00	24.33 1.55 0.00	30.79 2.14 0.00	28.54 2.00 0.00	22.26 1.56 0.00	21.22 1.49 0.00	21.90 1.46 0.00	17.57 1.02 -1.45
DANC___LFGE 323619	17.79 0.03 0.00	13.68 0.08 0.00	17.33 0.11 0.00	13.10 0.11 0.00	12.20 0.13 0.00	15.65 0.17 0.00	16.24 0.13 0.00	12.65 0.03 0.00	13.58 0.00 0.00	15.15 -0.04 0.00	14.34 -0.08 0.00	15.37 -0.12 0.00	16.53 -0.23 0.00	16.38 -0.26 0.00	16.69 -0.23 0.00	18.05 -0.23 0.00	22.95 -0.29 0.00	22.62 -0.17 0.00	28.59 -0.07 0.00	26.69 0.14 0.00	21.03 0.33 0.00	20.13 0.40 0.00	20.83 0.39 0.00	15.41 0.23 -0.08
DANSKAMMER___1 23586	18.88 1.12 0.00	14.39 0.80 0.00	18.17 0.94 0.00	13.74 0.75 0.00	12.74 0.67 0.00	16.28 0.81 0.00	16.99 0.88 0.00	13.34 0.72 0.00	14.40 0.81 0.00	16.10 0.92 0.00	15.36 0.94 0.00	16.52 1.03 0.00	17.94 1.18 0.00	17.82 1.18 0.00	18.14 1.22 0.00	19.61 1.33 0.00	24.88 1.64 0.00	24.49 1.71 0.00	30.71 2.06 0.00	28.33 1.78 0.00	22.12 1.43 0.00	21.05 1.32 0.00	21.83 1.39 0.00	17.17 0.97 -1.10
DANSKAMMER___2 23589	18.88 1.12 0.00	14.39 0.80 0.00	18.17 0.94 0.00	13.74 0.75 0.00	12.74 0.67 0.00	16.28 0.81 0.00	16.99 0.88 0.00	13.34 0.72 0.00	14.40 0.81 0.00	16.10 0.92 0.00	15.36 0.94 0.00	16.52 1.03 0.00	17.94 1.18 0.00	17.82 1.18 0.00	18.14 1.22 0.00	19.61 1.33 0.00	24.88 1.64 0.00	24.49 1.71 0.00	30.71 2.06 0.00	28.33 1.78 0.00	22.12 1.43 0.00	21.05 1.32 0.00	21.83 1.39 0.00	17.17 0.97 -1.10
DANSKAMMER___3 23590	18.88 1.12 0.00	14.39 0.80 0.00	18.17 0.94 0.00	13.74 0.75 0.00	12.74 0.67 0.00	16.28 0.81 0.00	16.99 0.88 0.00	13.34 0.72 0.00	14.40 0.81 0.00	16.10 0.92 0.00	15.36 0.94 0.00	16.52 1.03 0.00	17.94 1.18 0.00	17.82 1.18 0.00	18.14 1.22 0.00	19.61 1.33 0.00	24.88 1.64 0.00	24.49 1.71 0.00	30.71 2.06 0.00	28.33 1.78 0.00	22.12 1.43 0.00	21.05 1.32 0.00	21.83 1.39 0.00	17.17 0.97 -1.10
DANSKAMMER___4 23591	18.88 1.12 0.00	14.39 0.80 0.00	18.17 0.94 0.00	13.74 0.75 0.00	12.74 0.67 0.00	16.28 0.81 0.00	16.99 0.88 0.00	13.34 0.72 0.00	14.40 0.81 0.00	16.10 0.92 0.00	15.36 0.94 0.00	16.52 1.03 0.00	17.94 1.18 0.00	17.82 1.18 0.00	18.14 1.22 0.00	19.61 1.33 0.00	24.88 1.64 0.00	24.49 1.71 0.00	30.71 2.06 0.00	28.33 1.78 0.00	22.12 1.43 0.00	21.05 1.32 0.00	21.83 1.39 0.00	17.17 0.97 -1.10
DANSKAMMER___DIESEL 23592	18.88 1.13 0.00	14.40 0.80 0.00	18.17 0.95 0.00	13.74 0.75 0.00	12.74 0.67 0.00	16.28 0.81 0.00	16.99 0.88 0.00	13.34 0.72 0.00	14.40 0.81 0.00	16.10 0.92 0.00	15.36 0.94 0.00	16.52 1.03 0.00	17.94 1.18 0.00	17.82 1.18 0.00	18.14 1.22 0.00	19.62 1.33 0.00	24.88 1.64 0.00	24.49 1.71 0.00	30.71 2.06 0.00	28.33 1.79 0.00	22.12 1.42 0.00	21.05 1.32 0.00	21.83 1.39 0.00	17.17 0.97 -1.10
DARBY___SOLAR 323810	18.92 1.17 0.00	14.47 0.87 0.00	18.31 1.09 0.00	13.85 0.87 0.00	12.86 0.79 0.00	16.47 0.99 0.00	17.14 1.03 0.00	13.37 0.75 0.00	14.36 0.77 0.00	15.95 0.77 0.00	15.13 0.71 0.00	16.26 0.76 0.00	17.66 0.89 0.00	17.47 0.82 0.00	17.76 0.84 0.00	19.20 0.92 0.00	24.55 1.31 0.00	24.25 1.46 0.00	30.65 1.99 0.00	28.40 1.85 0.00	22.13 1.43 0.00	21.10 1.37 0.00	21.79 1.35 0.00	17.49 0.95 -1.45
DASHVILLE___HYD 23610	18.78 1.03 0.00	14.31 0.71 0.00	18.03 0.81 0.00	13.62 0.64 0.00	12.63 0.56 0.00	16.14 0.66 0.00	16.85 0.74 0.00	13.25 0.63 0.00	14.34 0.75 0.00	16.04 0.86 0.00	15.32 0.90 0.00	16.48 0.99 0.00	17.91 1.14 0.00	17.78 1.14 0.00	18.10 1.18 0.00	19.56 1.27 0.00	24.75 1.51 0.00	24.35 1.56 0.00	30.49 1.84 0.00	28.08 1.53 0.00	21.97 1.27 0.00	20.89 1.16 0.00	21.70 1.26 0.00	17.12 0.89 -1.13

DEERFIELD_69_KV_DEERFIELD LD 355887	19.23 1.48 0.00	14.65 1.05 0.00	18.62 1.40 0.00	14.01 1.02 0.00	12.99 0.92 0.00	16.52 1.04 0.00	17.40 1.29 0.00	13.65 1.03 0.00	14.56 0.98 0.00	16.41 1.23 0.00	15.80 1.38 0.00	16.93 1.44 0.00	18.39 1.63 0.00	18.27 1.63 0.00	18.56 1.64 0.00	20.03 1.75 0.00	25.46 2.22 0.00	25.14 2.36 0.00	31.53 2.87 0.00	29.06 2.51 0.00	22.73 2.03 0.00	21.71 1.98 0.00	22.52 2.08 0.00	17.50 1.29 -1.11
DELAWARE___LFGE 323621	18.34 0.59 0.00	14.05 0.46 0.00	17.79 0.57 0.00	13.39 0.41 0.00	12.44 0.37 0.00	15.95 0.48 0.00	16.61 0.51 0.00	13.06 0.44 0.00	14.18 0.59 0.00	15.71 0.52 0.00	14.93 0.51 0.00	16.05 0.56 0.00	17.37 0.61 0.00	17.25 0.61 0.00	17.55 0.63 0.00	18.98 0.69 0.00	24.13 0.88 0.00	23.68 0.89 0.00	29.77 1.12 0.00	27.56 1.02 0.00	21.50 0.80 0.00	20.46 0.73 0.00	21.18 0.74 0.00	16.09 0.52 -0.46
DERFIELD_115KV_TB7 355931	17.80 0.05 0.00	13.64 0.04 0.00	17.27 0.05 0.00	13.02 0.04 0.00	12.10 0.04 0.00	15.52 0.05 0.00	16.16 0.05 0.00	12.65 0.03 0.00	13.62 0.03 0.00	15.21 0.03 0.00	14.45 0.03 0.00	15.53 0.03 0.00	16.81 0.05 0.00	16.69 0.05 0.00	16.97 0.05 0.00	18.33 0.04 0.00	23.30 0.07 0.00	22.88 0.09 0.00	28.77 0.11 0.00	26.65 0.11 0.00	20.77 0.08 0.00	19.79 0.06 0.00	20.50 0.06 0.00	15.14 0.04 0.00
DOGLEVILLE___HYD 23807	17.74 -0.02 0.00	13.58 -0.02 0.00	17.23 0.01 0.00	13.04 0.06 0.00	12.14 0.07 0.00	15.49 0.02 0.00	16.15 0.04 0.00	12.58 -0.05 0.00	13.46 -0.13 0.00	14.99 -0.19 0.00	14.15 -0.27 0.00	15.22 -0.27 0.00	16.57 -0.19 0.00	16.46 -0.18 0.00	16.75 -0.17 0.00	18.13 -0.16 0.00	23.14 -0.09 0.00	22.87 0.08 0.00	28.85 0.19 0.00	26.73 0.18 0.00	20.77 0.07 0.00	19.76 0.03 0.00	20.37 -0.07 0.00	15.00 -0.10 0.00
DUNKIRK___115KV_TB_200 55889	17.98 0.22 0.00	13.99 0.39 0.00	17.70 0.48 0.00	13.27 0.29 0.00	12.36 0.29 0.00	15.95 0.48 0.00	16.54 0.43 0.00	12.94 0.31 0.00	14.00 0.41 0.00	15.88 0.70 0.00	14.98 0.56 0.00	16.10 0.61 0.00	17.36 0.60 0.00	17.25 0.61 0.00	17.57 0.66 0.00	19.06 0.78 0.00	24.13 0.89 0.00	23.53 0.75 0.00	29.49 0.84 0.00	27.31 0.76 0.00	21.16 0.46 0.00	19.99 0.25 0.00	20.71 0.27 0.00	15.61 0.31 -0.20
DUNKIRK___1 23563	17.98 0.22 0.00	13.99 0.39 0.00	17.70 0.48 0.00	13.27 0.29 0.00	12.36 0.29 0.00	15.95 0.48 0.00	16.54 0.43 0.00	12.94 0.31 0.00	14.00 0.41 0.00	15.88 0.70 0.00	14.98 0.56 0.00	16.10 0.61 0.00	17.36 0.60 0.00	17.25 0.61 0.00	17.57 0.66 0.00	19.06 0.78 0.00	24.13 0.89 0.00	23.53 0.75 0.00	29.49 0.84 0.00	27.31 0.76 0.00	21.16 0.46 0.00	19.99 0.25 0.00	20.71 0.27 0.00	15.61 0.31 -0.20
DUNKIRK___2 23564	17.98 0.22 0.00	13.99 0.39 0.00	17.70 0.48 0.00	13.27 0.29 0.00	12.36 0.29 0.00	15.95 0.48 0.00	16.54 0.43 0.00	12.94 0.31 0.00	14.00 0.41 0.00	15.88 0.70 0.00	14.98 0.56 0.00	16.10 0.61 0.00	17.36 0.60 0.00	17.25 0.61 0.00	17.57 0.66 0.00	19.06 0.78 0.00	24.13 0.89 0.00	23.53 0.75 0.00	29.49 0.84 0.00	27.31 0.76 0.00	21.16 0.46 0.00	19.99 0.25 0.00	20.71 0.27 0.00	15.61 0.31 -0.20
DUNKIRK___3 23565	17.93 0.17 0.00	13.95 0.36 0.00	17.64 0.42 0.00	13.22 0.24 0.00	12.31 0.25 0.00	15.90 0.42 0.00	16.47 0.36 0.00	12.88 0.25 0.00	13.93 0.34 0.00	15.78 0.60 0.00	14.88 0.46 0.00	15.99 0.50 0.00	17.25 0.48 0.00	17.14 0.50 0.00	17.46 0.54 0.00	18.94 0.65 0.00	23.97 0.73 0.00	23.40 0.61 0.00	29.30 0.64 0.00	27.15 0.60 0.00	21.05 0.35 0.00	19.89 0.16 0.00	20.62 0.18 0.00	15.56 0.26 -0.20
DUNKIRK___4 23566	17.93 0.17 0.00	13.95 0.36 0.00	17.64 0.42 0.00	13.22 0.24 0.00	12.31 0.25 0.00	15.90 0.42 0.00	16.47 0.36 0.00	12.88 0.25 0.00	13.93 0.34 0.00	15.78 0.60 0.00	14.88 0.46 0.00	15.99 0.50 0.00	17.25 0.48 0.00	17.14 0.50 0.00	17.46 0.54 0.00	18.94 0.65 0.00	23.97 0.73 0.00	23.40 0.61 0.00	29.30 0.64 0.00	27.15 0.60 0.00	21.05 0.35 0.00	19.89 0.16 0.00	20.62 0.18 0.00	15.56 0.26 -0.20
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	18.84 1.08 0.00	14.36 0.77 0.00	18.12 0.90 0.00	13.71 0.73 0.00	12.72 0.65 0.00	16.25 0.77 0.00	16.96 0.85 0.00	13.33 0.70 0.00	14.39 0.80 0.00	16.09 0.91 0.00	15.37 0.94 0.00	16.53 1.04 0.00	17.94 1.18 0.00	17.82 1.18 0.00	18.13 1.21 0.00	19.57 1.29 0.00	24.79 1.55 0.00	24.35 1.56 0.00	30.50 1.85 0.00	28.13 1.58 0.00	22.00 1.30 0.00	20.95 1.22 0.00	21.77 1.33 0.00	17.13 0.93 -1.11
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	18.74 0.99 0.00	14.29 0.69 0.00	18.03 0.81 0.00	13.63 0.65 0.00	12.64 0.58 0.00	16.16 0.69 0.00	16.86 0.75 0.00	13.24 0.62 0.00	14.29 0.70 0.00	15.98 0.80 0.00	15.24 0.82 0.00	16.40 0.90 0.00	17.80 1.03 0.00	17.68 1.04 0.00	17.99 1.07 0.00	19.45 1.16 0.00	24.66 1.41 0.00	24.26 1.47 0.00	30.43 1.78 0.00	28.09 1.54 0.00	21.95 1.25 0.00	20.88 1.15 0.00	21.68 1.23 0.00	17.02 0.86 -1.07
E179THST_138_KV_TB4_REV_LBMP_J 345001	18.89 1.14 0.00	14.39 0.79 0.00	18.13 0.91 0.00	13.74 0.76 0.00	12.74 0.67 0.00	16.27 0.80 0.00	16.99 0.88 0.00	13.36 0.74 0.00	14.42 0.84 0.00	16.09 0.90 0.00	15.36 0.94 0.00	16.54 1.05 0.00	17.96 1.20 0.00	17.84 1.19 0.00	18.12 1.21 0.00	19.57 1.28 0.00	24.77 1.53 0.00	24.33 1.54 0.00	30.45 1.79 0.00	28.15 1.60 0.00	22.02 1.33 0.00	20.96 1.23 0.00	21.80 1.36 0.00	17.17 0.96 -1.11
E179THST_13_KV_LOAD 356214	18.98 1.22 0.00	14.45 0.86 0.00	18.21 0.99 0.00	13.80 0.82 0.00	12.79 0.72 0.00	16.34 0.86 0.00	17.06 0.95 0.00	13.43 0.80 0.00	14.49 0.90 0.00	16.15 0.97 0.00	15.42 1.00 0.00	16.61 1.12 0.00	18.04 1.27 0.00	17.91 1.27 0.00	18.20 1.28 0.00	19.66 1.37 0.00	24.89 1.64 0.00	24.44 1.65 0.00	30.58 1.92 0.00	28.27 1.73 0.00	22.12 1.42 0.00	21.05 1.32 0.00	21.90 1.46 0.00	17.24 1.03 -1.11
EAST HAMPTON___GT 23717	19.48 1.73 0.00	14.84 1.25 0.00	18.87 1.65 0.00	14.20 1.22 0.00	13.17 1.10 0.00	16.74 1.27 0.00	17.64 1.53 0.00	13.84 1.22 0.00	14.79 1.20 0.00	16.65 1.46 0.00	16.03 1.61 0.00	17.18 1.69 0.00	18.65 1.88 0.00	18.51 1.87 0.00	18.79 1.88 0.00	20.29 2.01 0.00	25.80 2.56 0.00	25.50 2.71 0.00	31.97 3.32 0.00	29.47 2.92 0.00	23.03 2.33 0.00	21.99 2.26 0.00	22.79 2.34 0.00	17.68 1.47 -1.11
EAST RIVER___6 23660	18.90 1.14 0.00	14.41 0.82 0.00	18.16 0.94 0.00	13.78 0.80 0.00	12.79 0.73 0.00	16.32 0.84 0.00	17.02 0.91 0.00	13.41 0.79 0.00	14.47 0.88 0.00	16.16 0.98 0.00	15.44 1.02 0.00	16.60 1.11 0.00	18.02 1.25 0.00	17.89 1.25 0.00	18.19 1.27 0.00	19.64 1.36 0.00	24.86 1.62 0.00	24.40 1.61 0.00	30.56 1.91 0.00	28.18 1.63 0.00	22.05 1.35 0.00	20.98 1.24 0.00	21.82 1.38 0.00	17.18 0.97 -1.11

EAST RIVER___7 23524	18.90 1.14 0.00	14.41 0.82 0.00	18.16 0.94 0.00	13.78 0.80 0.00	12.79 0.73 0.00	16.32 0.84 0.00	17.02 0.91 0.00	13.41 0.79 0.00	14.47 0.88 0.00	16.16 0.98 0.00	15.44 1.02 0.00	16.60 1.11 0.00	18.02 1.25 0.00	17.89 1.25 0.00	18.19 1.27 0.00	19.64 1.36 0.00	24.86 1.62 0.00	24.40 1.61 0.00	30.56 1.91 0.00	28.18 1.63 0.00	22.05 1.35 0.00	20.98 1.24 0.00	21.82 1.38 0.00	17.18 0.97 -1.11
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.80 1.04 0.00	14.33 0.73 0.00	18.08 0.86 0.00	13.68 0.70 0.00	12.69 0.62 0.00	16.21 0.73 0.00	16.92 0.81 0.00	13.30 0.67 0.00	14.35 0.76 0.00	16.05 0.87 0.00	15.33 0.90 0.00	16.49 0.99 0.00	17.90 1.13 0.00	17.77 1.14 0.00	18.08 1.16 0.00	19.53 1.24 0.00	24.73 1.49 0.00	24.30 1.51 0.00	30.46 1.80 0.00	28.09 1.55 0.00	21.96 1.27 0.00	20.91 1.18 0.00	21.73 1.29 0.00	17.11 0.90 -1.10
EAST_HAMPTON___DIESEL 23722	19.48 1.73 0.00	14.84 1.25 0.00	18.87 1.65 0.00	14.20 1.22 0.00	13.17 1.10 0.00	16.74 1.27 0.00	17.64 1.53 0.00	13.84 1.22 0.00	14.79 1.20 0.00	16.65 1.47 0.00	16.03 1.61 0.00	17.18 1.69 0.00	18.64 1.88 0.00	18.51 1.87 0.00	18.79 1.88 0.00	20.29 2.01 0.00	25.80 2.56 0.00	25.50 2.71 0.00	31.97 3.32 0.00	29.47 2.92 0.00	23.03 2.33 0.00	21.99 2.26 0.00	22.79 2.34 0.00	17.68 1.47 -1.11
EAST_PULASKI___ESR 323781	17.67 -0.09 0.00	13.57 -0.02 0.00	17.18 -0.04 0.00	12.97 -0.02 0.00	12.06 0.00 0.00	15.48 0.01 0.00	16.08 -0.03 0.00	12.56 -0.06 0.00	13.51 -0.08 0.00	15.09 -0.09 0.00	14.30 -0.12 0.00	15.35 -0.14 0.00	16.57 -0.19 0.00	16.44 -0.20 0.00	16.73 -0.19 0.00	18.08 -0.20 0.00	22.97 -0.28 0.00	22.60 -0.19 0.00	28.49 -0.17 0.00	26.51 -0.04 0.00	20.76 0.07 0.00	19.84 0.10 0.00	20.50 0.06 0.00	15.23 0.04 -0.09
EAST_RIVER___1 323558	18.90 1.15 0.00	14.42 0.82 0.00	18.17 0.95 0.00	13.76 0.78 0.00	12.77 0.70 0.00	16.30 0.83 0.00	17.02 0.91 0.00	13.39 0.77 0.00	14.46 0.87 0.00	16.15 0.97 0.00	15.42 1.00 0.00	16.59 1.09 0.00	18.00 1.24 0.00	17.88 1.24 0.00	18.17 1.25 0.00	19.63 1.34 0.00	24.83 1.59 0.00	24.37 1.58 0.00	30.53 1.87 0.00	28.15 1.60 0.00	22.03 1.33 0.00	20.97 1.24 0.00	21.82 1.38 0.00	17.18 0.97 -1.11
EAST_RIVER___2 323559	18.90 1.14 0.00	14.41 0.82 0.00	18.16 0.94 0.00	13.78 0.80 0.00	12.79 0.73 0.00	16.32 0.84 0.00	17.02 0.91 0.00	13.41 0.79 0.00	14.47 0.88 0.00	16.16 0.98 0.00	15.44 1.02 0.00	16.60 1.11 0.00	18.02 1.25 0.00	17.89 1.25 0.00	18.19 1.27 0.00	19.64 1.36 0.00	24.86 1.62 0.00	24.40 1.61 0.00	30.56 1.91 0.00	28.18 1.63 0.00	22.05 1.35 0.00	20.98 1.24 0.00	21.82 1.38 0.00	17.18 0.97 -1.11
EAST___DELAWARE_HYD 23607	18.31 0.56 0.00	13.93 0.33 0.00	17.57 0.35 0.00	13.27 0.28 0.00	12.30 0.23 0.00	15.73 0.26 0.00	16.42 0.31 0.00	12.90 0.28 0.00	13.93 0.34 0.00	15.62 0.43 0.00	14.94 0.52 0.00	16.09 0.59 0.00	17.40 0.63 0.00	16.89 0.25 0.00	17.18 0.26 0.00	18.59 0.30 0.00	23.60 0.36 0.00	23.27 0.48 0.00	29.27 0.61 0.00	27.04 0.49 0.00	21.20 0.50 0.00	20.57 0.84 0.00	21.31 0.87 0.00	16.63 0.54 -0.99
EIGHT_POINT___WT_PWR 323820	18.07 0.31 0.00	14.04 0.45 0.00	17.74 0.52 0.00	13.30 0.31 0.00	12.36 0.29 0.00	15.89 0.42 0.00	16.42 0.31 0.00	12.79 0.17 0.00	13.83 0.24 0.00	15.67 0.49 0.00	14.73 0.31 0.00	15.89 0.39 0.00	17.12 0.35 0.00	17.03 0.39 0.00	17.42 0.51 0.00	18.96 0.68 0.00	24.07 0.83 0.00	23.51 0.72 0.00	29.51 0.85 0.00	27.35 0.80 0.00	21.11 0.41 0.00	19.99 0.25 0.00	20.68 0.24 0.00	15.64 0.30 -0.24
ELBRIDGE_115KV_TB2 80188	17.72 -0.03 0.00	13.61 0.01 0.00	17.24 0.02 0.00	12.98 -0.01 0.00	12.07 0.01 0.00	15.49 0.02 0.00	16.12 0.01 0.00	12.61 -0.01 0.00	13.59 0.00 0.00	15.23 0.05 0.00	14.44 0.02 0.00	15.54 0.05 0.00	16.81 0.05 0.00	16.68 0.04 0.00	16.96 0.04 0.00	18.34 0.05 0.00	23.35 0.11 0.00	22.94 0.16 0.00	28.87 0.22 0.00	26.75 0.20 0.00	20.86 0.16 0.00	19.84 0.10 0.00	20.51 0.07 0.00	15.30 0.07 -0.13
ELEC_TRO_TEK 24086	18.77 1.02 0.00	14.30 0.70 0.00	18.06 0.84 0.00	13.65 0.66 0.00	12.66 0.59 0.00	16.15 0.67 0.00	16.88 0.77 0.00	13.25 0.63 0.00	14.26 0.67 0.00	16.02 0.84 0.00	15.38 0.96 0.00	16.51 1.01 0.00	17.94 1.18 0.00	17.83 1.19 0.00	18.12 1.21 0.00	19.54 1.25 0.00	24.75 1.51 0.00	24.36 1.57 0.00	30.52 1.86 0.00	28.12 1.57 0.00	22.00 1.30 0.00	21.02 1.29 0.00	21.82 1.38 0.00	17.11 0.90 -1.11
ELLENBURG_WT_PWR 323604	17.66 -0.10 0.00	13.30 -0.29 0.00	16.80 -0.42 0.00	12.65 -0.34 0.00	11.81 -0.26 0.00	15.19 -0.28 0.00	15.84 -0.27 0.00	12.52 -0.10 0.00	13.51 -0.08 0.00	15.09 -0.09 0.00	14.35 -0.07 0.00	15.38 -0.11 0.00	16.63 -0.13 0.00	16.49 -0.15 0.00	16.71 -0.21 0.00	18.08 -0.20 0.00	23.11 -0.13 0.00	22.65 -0.14 0.00	28.57 -0.09 0.00	26.54 -0.01 0.00	20.63 -0.07 0.00	19.60 -0.13 0.00	20.28 -0.16 0.00	14.88 -0.25 -0.02
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.74 -0.01 0.00	13.81 0.22 0.00	17.47 0.25 0.00	13.10 0.11 0.00	12.19 0.13 0.00	15.77 0.30 0.00	16.30 0.18 0.00	12.74 0.11 0.00	13.78 0.19 0.00	15.54 0.36 0.00	14.63 0.21 0.00	15.70 0.20 0.00	16.96 0.20 0.00	16.85 0.21 0.00	17.14 0.22 0.00	18.58 0.29 0.00	23.52 0.28 0.00	22.98 0.19 0.00	28.70 0.04 0.00	26.66 0.11 0.00	20.69 0.00 0.00	19.58 -0.15 0.00	20.28 -0.16 0.00	15.38 0.09 -0.19
EMPIRE_CC_1 323656	18.26 0.51 0.00	13.98 0.38 0.00	17.71 0.49 0.00	13.43 0.45 0.00	12.46 0.40 0.00	15.93 0.46 0.00	16.60 0.49 0.00	12.98 0.36 0.00	13.93 0.34 0.00	15.44 0.25 0.00	14.73 0.31 0.00	15.81 0.32 0.00	17.17 0.41 0.00	17.04 0.40 0.00	17.31 0.39 0.00	18.65 0.37 0.00	23.78 0.54 0.00	23.42 0.63 0.00	29.44 0.78 0.00	27.23 0.68 0.00	21.21 0.51 0.00	20.26 0.53 0.00	20.97 0.53 0.00	16.83 0.38 -1.35
EMPIRE_CC_2 323658	18.26 0.51 0.00	13.98 0.38 0.00	17.71 0.49 0.00	13.43 0.45 0.00	12.46 0.40 0.00	15.93 0.46 0.00	16.60 0.49 0.00	12.98 0.36 0.00	13.93 0.34 0.00	15.44 0.25 0.00	14.73 0.31 0.00	15.81 0.32 0.00	17.17 0.41 0.00	17.04 0.40 0.00	17.31 0.39 0.00	18.65 0.37 0.00	23.78 0.54 0.00	23.42 0.63 0.00	29.44 0.78 0.00	27.23 0.68 0.00	21.21 0.51 0.00	20.26 0.53 0.00	20.97 0.53 0.00	16.83 0.38 -1.35
ENORWICH_115KV_TB1 80156	18.90 1.15 0.00	14.53 0.93 0.00	18.34 1.12 0.00	13.78 0.80 0.00	12.85 0.78 0.00	16.52 1.05 0.00	17.19 1.08 0.00	13.39 0.77 0.00	14.38 0.79 0.00	15.99 0.81 0.00	15.07 0.65 0.00	16.20 0.70 0.00	17.51 0.74 0.00	17.39 0.75 0.00	17.70 0.79 0.00	19.26 0.98 0.00	24.67 1.43 0.00	24.36 1.57 0.00	30.97 2.31 0.00	28.93 2.38 0.00	22.53 1.84 0.00	21.35 1.63 0.00	21.99 1.55 0.00	16.39 0.94 -0.34

ERIE_ST__34_KV_TB1-2 80199	17.95 0.20 0.00	13.97 0.38 0.00	17.66 0.44 0.00	13.20 0.22 0.00	12.28 0.22 0.00	15.88 0.41 0.00	16.42 0.31 0.00	12.84 0.21 0.00	13.89 0.30 0.00	15.67 0.49 0.00	14.77 0.34 0.00	15.86 0.36 0.00	17.13 0.37 0.00	17.04 0.39 0.00	17.35 0.43 0.00	18.82 0.54 0.00	23.85 0.61 0.00	23.32 0.53 0.00	29.15 0.49 0.00	27.06 0.51 0.00	21.00 0.30 0.00	19.86 0.13 0.00	20.56 0.12 0.00	15.56 0.26 -0.20
ERIE_WT_PWR 323693	17.85 0.09 0.00	13.89 0.30 0.00	17.57 0.34 0.00	13.16 0.17 0.00	12.25 0.19 0.00	15.84 0.37 0.00	16.37 0.26 0.00	12.79 0.17 0.00	13.84 0.25 0.00	15.61 0.43 0.00	14.70 0.28 0.00	15.78 0.28 0.00	17.05 0.29 0.00	16.94 0.30 0.00	17.24 0.32 0.00	18.69 0.40 0.00	23.65 0.41 0.00	23.10 0.31 0.00	28.87 0.22 0.00	26.82 0.28 0.00	20.81 0.11 0.00	19.70 -0.03 0.00	20.40 -0.04 0.00	15.46 0.16 -0.19
ESPRGFLD_115KV_TB1 80157	18.77 1.02 0.00	14.39 0.79 0.00	18.21 0.99 0.00	13.65 0.67 0.00	12.69 0.63 0.00	16.33 0.86 0.00	17.01 0.90 0.00	13.34 0.72 0.00	14.47 0.88 0.00	16.17 0.98 0.00	15.38 0.95 0.00	16.50 1.01 0.00	17.83 1.06 0.00	17.69 1.05 0.00	17.98 1.07 0.00	19.45 1.16 0.00	24.73 1.49 0.00	24.21 1.42 0.00	30.50 1.85 0.00	28.36 1.81 0.00	22.14 1.44 0.00	21.00 1.27 0.00	21.70 1.25 0.00	15.80 0.90 0.20
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.15 0.39 0.00	13.94 0.34 0.00	17.64 0.42 0.00	13.27 0.28 0.00	12.35 0.28 0.00	15.84 0.37 0.00	16.49 0.38 0.00	12.89 0.27 0.00	13.87 0.27 0.00	15.51 0.33 0.00	14.68 0.26 0.00	15.78 0.29 0.00	17.07 0.31 0.00	16.94 0.30 0.00	17.25 0.33 0.00	18.69 0.41 0.00	23.85 0.60 0.00	23.48 0.69 0.00	29.66 1.00 0.00	27.56 1.01 0.00	21.49 0.79 0.00	20.41 0.68 0.00	21.08 0.64 0.00	15.81 0.46 -0.25
ETNA____115KV_TB2 80207	18.15 0.39 0.00	13.94 0.34 0.00	17.64 0.42 0.00	13.27 0.28 0.00	12.35 0.28 0.00	15.84 0.37 0.00	16.49 0.38 0.00	12.89 0.27 0.00	13.87 0.27 0.00	15.51 0.33 0.00	14.68 0.26 0.00	15.78 0.29 0.00	17.07 0.31 0.00	16.94 0.30 0.00	17.25 0.33 0.00	18.69 0.41 0.00	23.85 0.60 0.00	23.48 0.69 0.00	29.66 1.00 0.00	27.56 1.01 0.00	21.49 0.79 0.00	20.41 0.68 0.00	21.08 0.64 0.00	15.81 0.46 -0.25
EUCLID____115KV_TB2 356179	17.61 -0.14 0.00	13.53 -0.07 0.00	17.12 -0.10 0.00	12.90 -0.08 0.00	11.99 -0.07 0.00	15.40 -0.08 0.00	16.01 -0.10 0.00	12.53 -0.09 0.00	13.49 -0.10 0.00	15.11 -0.07 0.00	14.33 -0.09 0.00	15.40 -0.09 0.00	16.67 -0.09 0.00	16.55 -0.09 0.00	16.83 -0.08 0.00	18.20 -0.09 0.00	23.13 -0.11 0.00	22.73 -0.05 0.00	28.59 -0.06 0.00	26.51 -0.04 0.00	20.66 -0.03 0.00	19.65 -0.07 0.00	20.33 -0.11 0.00	15.15 -0.05 -0.10
E_CANADA_CAP_HY 24051	19.03 1.28 0.00	14.58 0.98 0.00	18.45 1.23 0.00	13.84 0.85 0.00	12.88 0.81 0.00	16.57 1.10 0.00	17.23 1.13 0.00	13.50 0.88 0.00	14.61 1.02 0.00	16.34 1.16 0.00	15.55 1.13 0.00	16.67 1.18 0.00	18.01 1.24 0.00	17.86 1.22 0.00	18.14 1.22 0.00	19.61 1.32 0.00	24.93 1.69 0.00	24.43 1.64 0.00	30.81 2.15 0.00	28.67 2.12 0.00	22.39 1.69 0.00	21.25 1.52 0.00	21.93 1.49 0.00	17.95 1.09 -1.76
E_CANADA_MHWK_HY 24050	17.74 -0.02 0.00	13.58 -0.02 0.00	17.23 0.01 0.00	13.04 0.06 0.00	12.14 0.07 0.00	15.49 0.02 0.00	16.15 0.04 0.00	12.58 -0.05 0.00	13.46 -0.13 0.00	14.99 -0.19 0.00	14.15 -0.27 0.00	15.22 -0.27 0.00	16.57 -0.19 0.00	16.46 -0.18 0.00	16.75 -0.17 0.00	18.13 -0.16 0.00	23.14 -0.09 0.00	22.87 0.08 0.00	28.85 0.19 0.00	26.73 0.18 0.00	20.77 0.07 0.00	19.76 0.03 0.00	20.37 -0.07 0.00	15.00 -0.10 0.00
E_FISHKILL____LBMP 23776	18.70 0.94 0.00	14.26 0.66 0.00	18.00 0.78 0.00	13.62 0.64 0.00	12.64 0.57 0.00	16.15 0.67 0.00	16.84 0.73 0.00	13.23 0.60 0.00	14.27 0.68 0.00	15.94 0.76 0.00	15.22 0.80 0.00	16.36 0.87 0.00	17.76 0.99 0.00	17.64 0.99 0.00	17.94 1.02 0.00	19.38 1.09 0.00	24.54 1.30 0.00	24.14 1.35 0.00	30.26 1.61 0.00	27.92 1.37 0.00	21.82 1.12 0.00	20.79 1.06 0.00	21.58 1.14 0.00	17.02 0.79 -1.13
FALCON____SEABRD_CC1 323796	17.85 0.10 0.00	13.46 -0.14 0.00	17.00 -0.22 0.00	12.81 -0.18 0.00	11.94 -0.12 0.00	15.35 -0.12 0.00	16.00 -0.11 0.00	12.65 0.03 0.00	13.66 0.07 0.00	15.24 0.06 0.00	14.51 0.08 0.00	15.54 0.05 0.00	16.81 0.05 0.00	16.66 0.02 0.00	16.90 -0.02 0.00	18.29 0.01 0.00	23.38 0.14 0.00	22.94 0.15 0.00	28.97 0.31 0.00	26.93 0.38 0.00	20.91 0.22 0.00	19.88 0.15 0.00	20.56 0.11 0.00	15.05 -0.07 -0.02
FALCON____SEABRD_CC2 323797	17.85 0.10 0.00	13.46 -0.14 0.00	17.00 -0.22 0.00	12.81 -0.18 0.00	11.94 -0.12 0.00	15.35 -0.12 0.00	16.00 -0.11 0.00	12.65 0.03 0.00	13.66 0.07 0.00	15.24 0.06 0.00	14.51 0.08 0.00	15.54 0.05 0.00	16.81 0.05 0.00	16.66 0.02 0.00	16.90 -0.02 0.00	18.29 0.01 0.00	23.38 0.14 0.00	22.94 0.15 0.00	28.97 0.31 0.00	26.93 0.38 0.00	20.91 0.22 0.00	19.88 0.15 0.00	20.56 0.11 0.00	15.05 -0.07 -0.02
FAR ROCKAWAY____4 23548	18.96 1.20 0.00	14.46 0.86 0.00	18.25 1.03 0.00	13.78 0.79 0.00	12.78 0.72 0.00	16.31 0.84 0.00	17.04 0.93 0.00	13.37 0.75 0.00	14.39 0.80 0.00	16.18 0.99 0.00	15.53 1.11 0.00	16.67 1.17 0.00	18.12 1.36 0.00	18.01 1.37 0.00	18.31 1.39 0.00	19.74 1.46 0.00	25.01 1.77 0.00	24.61 1.83 0.00	30.83 2.17 0.00	28.42 1.87 0.00	22.23 1.53 0.00	21.25 1.52 0.00	22.03 1.58 0.00	17.27 1.07 -1.11
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.92 1.17 0.00	14.42 0.83 0.00	18.19 0.97 0.00	13.77 0.79 0.00	12.77 0.71 0.00	16.31 0.84 0.00	17.03 0.92 0.00	13.40 0.78 0.00	14.47 0.88 0.00	16.16 0.98 0.00	15.43 1.01 0.00	16.60 1.11 0.00	18.02 1.25 0.00	17.89 1.25 0.00	18.19 1.27 0.00	19.64 1.36 0.00	24.86 1.62 0.00	24.40 1.61 0.00	30.55 1.90 0.00	28.18 1.64 0.00	22.05 1.35 0.00	20.99 1.26 0.00	21.84 1.40 0.00	17.19 0.99 -1.11
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.93 1.17 0.00	14.43 0.83 0.00	18.20 0.97 0.00	13.78 0.79 0.00	12.78 0.71 0.00	16.32 0.85 0.00	17.03 0.93 0.00	13.40 0.78 0.00	14.47 0.88 0.00	16.17 0.99 0.00	15.43 1.01 0.00	16.60 1.11 0.00	18.02 1.25 0.00	17.90 1.25 0.00	18.19 1.27 0.00	19.65 1.37 0.00	24.87 1.62 0.00	24.41 1.62 0.00	30.56 1.91 0.00	28.19 1.64 0.00	22.06 1.36 0.00	21.00 1.26 0.00	21.85 1.41 0.00	17.20 0.99 -1.11
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.91 1.16 0.00	14.42 0.82 0.00	18.18 0.96 0.00	13.77 0.78 0.00	12.77 0.70 0.00	16.31 0.83 0.00	17.02 0.91 0.00	13.39 0.77 0.00	14.46 0.87 0.00	16.16 0.97 0.00	15.42 1.00 0.00	16.59 1.10 0.00	18.01 1.24 0.00	17.88 1.24 0.00	18.18 1.26 0.00	19.63 1.35 0.00	24.84 1.60 0.00	24.39 1.60 0.00	30.53 1.87 0.00	28.16 1.61 0.00	22.03 1.34 0.00	20.97 1.24 0.00	21.83 1.38 0.00	17.18 0.97 -1.11

FARRAGUT___LBMP 323566	18.90 1.15 0.00	14.41 0.81 0.00	18.17 0.95 0.00	13.76 0.77 0.00	12.76 0.69 0.00	16.29 0.82 0.00	17.01 0.90 0.00	13.38 0.76 0.00	14.45 0.86 0.00	16.14 0.96 0.00	15.41 0.99 0.00	16.58 1.08 0.00	17.99 1.23 0.00	17.86 1.22 0.00	18.16 1.25 0.00	19.62 1.33 0.00	24.82 1.58 0.00	24.37 1.58 0.00	30.51 1.85 0.00	28.14 1.59 0.00	22.01 1.32 0.00	20.96 1.23 0.00	21.81 1.37 0.00	17.17 0.97 -1.11
FENNER___WINDPWR 24204	18.06 0.31 0.00	13.87 0.27 0.00	17.54 0.32 0.00	13.21 0.23 0.00	12.29 0.22 0.00	15.77 0.30 0.00	16.40 0.29 0.00	12.82 0.20 0.00	13.80 0.21 0.00	15.44 0.25 0.00	14.63 0.21 0.00	15.72 0.23 0.00	17.01 0.24 0.00	16.88 0.24 0.00	17.18 0.26 0.00	18.60 0.31 0.00	23.69 0.45 0.00	23.32 0.53 0.00	29.39 0.74 0.00	27.32 0.77 0.00	21.31 0.62 0.00	20.29 0.56 0.00	20.95 0.51 0.00	15.57 0.33 -0.14
FIBERTEK___ENERGY 23856	17.78 0.02 0.00	13.65 0.05 0.00	17.28 0.06 0.00	13.02 0.03 0.00	12.11 0.04 0.00	15.53 0.06 0.00	16.16 0.05 0.00	12.65 0.03 0.00	13.63 0.04 0.00	15.26 0.08 0.00	14.47 0.04 0.00	15.56 0.06 0.00	16.83 0.07 0.00	16.71 0.07 0.00	17.00 0.08 0.00	18.39 0.10 0.00	23.40 0.16 0.00	23.00 0.22 0.00	28.95 0.29 0.00	26.83 0.28 0.00	20.92 0.22 0.00	19.89 0.16 0.00	20.56 0.11 0.00	15.33 0.11 -0.12
FITZPATRICK____ 23598	17.37 -0.39 0.00	13.33 -0.26 0.00	16.88 -0.34 0.00	12.72 -0.27 0.00	11.82 -0.24 0.00	15.18 -0.30 0.00	15.79 -0.32 0.00	12.36 -0.26 0.00	13.31 -0.28 0.00	14.89 -0.29 0.00	14.13 -0.30 0.00	15.18 -0.31 0.00	16.43 -0.34 0.00	16.31 -0.34 0.00	16.57 -0.34 0.00	17.91 -0.38 0.00	22.75 -0.49 0.00	22.35 -0.44 0.00	28.10 -0.56 0.00	26.05 -0.50 0.00	20.30 -0.39 0.00	19.33 -0.40 0.00	20.01 -0.44 0.00	14.89 -0.28 -0.07
FLOWRLD_69_KV_BK1 356044	18.92 1.17 0.00	14.40 0.81 0.00	18.25 1.02 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.24 0.77 0.00	17.04 0.93 0.00	13.37 0.75 0.00	14.30 0.71 0.00	16.10 0.92 0.00	15.52 1.10 0.00	16.65 1.15 0.00	18.10 1.34 0.00	18.00 1.36 0.00	18.29 1.37 0.00	19.72 1.43 0.00	25.03 1.79 0.00	24.70 1.92 0.00	30.96 2.31 0.00	28.54 2.00 0.00	22.34 1.65 0.00	21.37 1.64 0.00	22.18 1.74 0.00	17.29 1.09 -1.11
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.91 1.16 0.00	14.42 0.82 0.00	18.20 0.98 0.00	13.76 0.78 0.00	12.76 0.69 0.00	16.31 0.83 0.00	17.01 0.90 0.00	13.36 0.74 0.00	14.42 0.83 0.00	16.13 0.95 0.00	15.39 0.97 0.00	16.56 1.06 0.00	17.98 1.21 0.00	17.86 1.22 0.00	18.18 1.26 0.00	19.66 1.38 0.00	24.93 1.69 0.00	24.54 1.76 0.00	30.78 2.12 0.00	28.38 1.84 0.00	22.16 1.47 0.00	21.09 1.36 0.00	21.87 1.42 0.00	17.20 0.99 -1.11
FORT ORANGE____ 23900	18.22 0.47 0.00	13.94 0.35 0.00	17.65 0.43 0.00	13.38 0.40 0.00	12.42 0.36 0.00	15.85 0.38 0.00	16.52 0.41 0.00	12.95 0.33 0.00	13.88 0.29 0.00	15.44 0.25 0.00	14.68 0.26 0.00	15.76 0.27 0.00	17.12 0.35 0.00	16.99 0.35 0.00	17.28 0.37 0.00	18.67 0.39 0.00	23.78 0.54 0.00	23.44 0.66 0.00	29.50 0.85 0.00	27.32 0.77 0.00	21.28 0.59 0.00	20.31 0.58 0.00	21.00 0.55 0.00	16.88 0.38 -1.40
FORT_DRUM_COGEN 23780	18.03 0.28 0.00	13.87 0.28 0.00	17.57 0.35 0.00	13.30 0.31 0.00	12.40 0.33 0.00	15.90 0.42 0.00	16.48 0.38 0.00	12.80 0.18 0.00	13.71 0.12 0.00	15.24 0.06 0.00	14.40 -0.02 0.00	15.42 -0.08 0.00	16.55 -0.22 0.00	16.37 -0.27 0.00	16.69 -0.23 0.00	18.06 -0.23 0.00	23.00 -0.24 0.00	22.72 -0.07 0.00	28.79 0.14 0.00	27.01 0.46 0.00	21.42 0.72 0.00	20.53 0.79 0.00	21.24 0.80 0.00	15.66 0.49 -0.06
FPL_FAR_ROCK_GT1 24212	18.96 1.20 0.00	14.46 0.86 0.00	18.25 1.03 0.00	13.78 0.79 0.00	12.78 0.72 0.00	16.31 0.84 0.00	17.04 0.93 0.00	13.37 0.75 0.00	14.39 0.80 0.00	16.18 1.00 0.00	15.53 1.11 0.00	16.67 1.17 0.00	18.12 1.36 0.00	18.01 1.37 0.00	18.31 1.39 0.00	19.74 1.45 0.00	25.01 1.77 0.00	24.61 1.83 0.00	30.82 2.17 0.00	28.42 1.87 0.00	22.23 1.54 0.00	21.25 1.52 0.00	22.02 1.58 0.00	17.27 1.07 -1.11
FPL_FAR_ROCK_GT2 23815	18.96 1.20 0.00	14.46 0.86 0.00	18.25 1.03 0.00	13.78 0.79 0.00	12.78 0.72 0.00	16.31 0.84 0.00	17.04 0.93 0.00	13.37 0.75 0.00	14.39 0.80 0.00	16.18 1.00 0.00	15.53 1.11 0.00	16.67 1.17 0.00	18.12 1.36 0.00	18.01 1.37 0.00	18.31 1.39 0.00	19.74 1.45 0.00	25.01 1.77 0.00	24.61 1.83 0.00	30.82 2.17 0.00	28.42 1.87 0.00	22.23 1.54 0.00	21.25 1.52 0.00	22.02 1.58 0.00	17.27 1.07 -1.11
FRANKLIN_FALL_HYD 24054	17.72 -0.04 0.00	13.40 -0.20 0.00	16.94 -0.28 0.00	12.74 -0.24 0.00	11.90 -0.17 0.00	15.30 -0.17 0.00	15.95 -0.16 0.00	12.59 -0.03 0.00	13.59 0.00 0.00	15.19 0.01 0.00	14.42 0.00 0.00	15.45 -0.05 0.00	16.69 -0.07 0.00	16.54 -0.10 0.00	16.77 -0.15 0.00	18.16 -0.13 0.00	23.19 -0.05 0.00	22.70 -0.09 0.00	28.62 -0.04 0.00	26.59 0.04 0.00	20.70 0.00 0.00	19.72 -0.01 0.00	20.40 -0.04 0.00	14.96 -0.17 -0.03
FREEPORT_EQUS_GT1 23764	18.87 1.11 0.00	14.37 0.77 0.00	18.15 0.93 0.00	13.70 0.71 0.00	12.71 0.64 0.00	16.21 0.74 0.00	16.95 0.84 0.00	13.30 0.68 0.00	14.30 0.71 0.00	16.07 0.89 0.00	15.44 1.02 0.00	16.58 1.09 0.00	18.03 1.27 0.00	17.92 1.28 0.00	18.21 1.29 0.00	19.62 1.33 0.00	24.87 1.63 0.00	24.48 1.70 0.00	30.68 2.02 0.00	28.29 1.74 0.00	22.14 1.44 0.00	21.17 1.44 0.00	21.96 1.52 0.00	17.20 0.99 -1.11
FREEPORT___CT2 23818	18.87 1.11 0.00	14.37 0.77 0.00	18.15 0.93 0.00	13.70 0.71 0.00	12.71 0.64 0.00	16.21 0.74 0.00	16.95 0.84 0.00	13.30 0.68 0.00	14.30 0.71 0.00	16.07 0.89 0.00	15.44 1.02 0.00	16.58 1.09 0.00	18.03 1.27 0.00	17.92 1.28 0.00	18.21 1.29 0.00	19.62 1.33 0.00	24.87 1.63 0.00	24.48 1.70 0.00	30.68 2.02 0.00	28.29 1.74 0.00	22.14 1.44 0.00	21.17 1.44 0.00	21.96 1.52 0.00	17.20 0.99 -1.11
FRESHKLS_33_KV_LOAD 356253	19.12 1.36 0.00	14.56 0.96 0.00	18.36 1.14 0.00	13.90 0.92 0.00	12.88 0.82 0.00	16.47 1.00 0.00	17.19 1.08 0.00	13.31 0.69 0.00	14.37 0.78 0.00	16.09 0.90 0.00	15.37 0.95 0.00	16.56 1.07 0.00	17.99 1.22 0.00	17.86 1.22 0.00	18.16 1.25 0.00	19.61 1.32 0.00	24.82 1.58 0.00	24.39 1.61 0.00	30.42 1.77 0.00	28.17 1.63 0.00	22.07 1.37 0.00	21.01 1.28 0.00	21.87 1.43 0.00	17.21 1.00 -1.11
FULTON COGEN____ 23766	17.60 -0.15 0.00	13.51 -0.08 0.00	17.11 -0.11 0.00	12.89 -0.09 0.00	11.98 -0.08 0.00	15.38 -0.09 0.00	16.00 -0.12 0.00	12.52 -0.10 0.00	13.48 -0.11 0.00	15.09 -0.09 0.00	14.32 -0.10 0.00	15.38 -0.12 0.00	16.63 -0.14 0.00	16.51 -0.13 0.00	16.79 -0.12 0.00	18.15 -0.14 0.00	23.06 -0.18 0.00	22.67 -0.12 0.00	28.53 -0.12 0.00	26.46 -0.10 0.00	20.63 -0.06 0.00	19.64 -0.09 0.00	20.32 -0.12 0.00	15.14 -0.06 -0.09

FULTON___LFGE 323630	19.56 1.80 0.00	15.00 1.40 0.00	18.96 1.74 0.00	14.25 1.26 0.00	13.25 1.18 0.00	17.02 1.55 0.00	17.72 1.61 0.00	13.83 1.21 0.00	14.87 1.28 0.00	16.51 1.33 0.00	15.53 1.11 0.00	16.61 1.12 0.00	17.94 1.18 0.00	17.82 1.18 0.00	18.10 1.19 0.00	19.58 1.29 0.00	25.08 1.83 0.00	24.81 2.02 0.00	31.52 2.87 0.00	29.41 2.85 0.00	23.01 2.31 0.00	21.83 2.10 0.00	22.46 2.02 0.00	18.30 1.55 -1.65
G.F.CEMENT___DRP 24184	19.27 1.52 0.00	14.74 1.14 0.00	18.61 1.39 0.00	14.06 1.07 0.00	13.05 0.99 0.00	16.73 1.25 0.00	17.42 1.31 0.00	13.58 0.96 0.00	14.61 1.02 0.00	16.23 1.05 0.00	15.37 0.94 0.00	16.51 1.02 0.00	17.94 1.17 0.00	17.70 1.06 0.00	17.99 1.07 0.00	19.45 1.17 0.00	24.96 1.72 0.00	24.69 1.90 0.00	31.30 2.64 0.00	28.99 2.44 0.00	22.59 1.90 0.00	21.52 1.80 0.00	22.19 1.74 0.00	17.79 1.23 -1.46
GARDENVILLE___LBMP 24039	17.79 0.04 0.00	13.86 0.26 0.00	17.52 0.30 0.00	13.13 0.14 0.00	12.22 0.16 0.00	15.81 0.33 0.00	16.33 0.22 0.00	12.77 0.14 0.00	13.81 0.22 0.00	15.58 0.40 0.00	14.68 0.26 0.00	15.75 0.26 0.00	17.01 0.25 0.00	16.90 0.26 0.00	17.20 0.29 0.00	18.65 0.36 0.00	23.61 0.37 0.00	23.06 0.27 0.00	28.82 0.16 0.00	26.77 0.22 0.00	20.77 0.08 0.00	19.65 -0.08 0.00	20.35 -0.09 0.00	15.42 0.12 -0.19
GARDNVLA_35_KV_LD 355827	17.85 0.10 0.00	13.90 0.30 0.00	17.57 0.35 0.00	13.16 0.18 0.00	12.25 0.19 0.00	15.85 0.37 0.00	16.38 0.27 0.00	12.80 0.18 0.00	13.85 0.26 0.00	15.63 0.44 0.00	14.72 0.30 0.00	15.80 0.31 0.00	17.08 0.32 0.00	16.97 0.32 0.00	17.28 0.36 0.00	18.73 0.44 0.00	23.71 0.47 0.00	23.16 0.37 0.00	28.95 0.29 0.00	26.89 0.34 0.00	20.86 0.17 0.00	19.74 0.01 0.00	20.43 -0.01 0.00	15.48 0.18 -0.19
GELCKHM___115KV_LOAD 80723	17.67 -0.08 0.00	13.57 -0.03 0.00	17.18 -0.04 0.00	12.94 -0.05 0.00	12.03 -0.04 0.00	15.44 -0.03 0.00	16.06 -0.05 0.00	12.57 -0.05 0.00	13.54 -0.05 0.00	15.16 -0.02 0.00	14.38 -0.04 0.00	15.46 -0.03 0.00	16.73 -0.03 0.00	16.61 -0.03 0.00	16.90 -0.02 0.00	18.28 -0.01 0.00	23.23 -0.01 0.00	22.83 0.04 0.00	28.73 0.07 0.00	26.62 0.08 0.00	20.76 0.06 0.00	19.74 0.01 0.00	20.41 -0.03 0.00	15.21 0.01 -0.11
GENERAL___MILLS 23808	17.83 0.07 0.00	13.88 0.28 0.00	17.55 0.33 0.00	13.15 0.16 0.00	12.24 0.17 0.00	15.83 0.35 0.00	16.36 0.25 0.00	12.79 0.16 0.00	13.83 0.24 0.00	15.60 0.42 0.00	14.69 0.27 0.00	15.77 0.28 0.00	17.05 0.28 0.00	16.93 0.29 0.00	17.23 0.31 0.00	18.68 0.40 0.00	23.66 0.42 0.00	23.11 0.32 0.00	28.87 0.22 0.00	26.82 0.27 0.00	20.82 0.12 0.00	19.69 -0.04 0.00	20.39 -0.05 0.00	15.45 0.15 -0.19
GE_PLASTICS___DRP 24183	18.20 0.44 0.00	13.93 0.33 0.00	17.64 0.42 0.00	13.36 0.37 0.00	12.40 0.34 0.00	15.85 0.37 0.00	16.51 0.40 0.00	12.94 0.31 0.00	13.89 0.30 0.00	15.46 0.28 0.00	14.71 0.28 0.00	15.80 0.31 0.00	17.15 0.38 0.00	17.02 0.38 0.00	17.31 0.39 0.00	18.69 0.41 0.00	23.78 0.54 0.00	23.41 0.62 0.00	29.43 0.78 0.00	27.23 0.68 0.00	21.21 0.52 0.00	20.25 0.52 0.00	20.96 0.52 0.00	16.86 0.36 -1.40
GILBOA___1 23756	18.28 0.52 0.00	13.99 0.40 0.00	17.77 0.55 0.00	13.38 0.39 0.00	12.42 0.35 0.00	15.89 0.42 0.00	16.56 0.45 0.00	12.97 0.35 0.00	13.96 0.37 0.00	15.58 0.40 0.00	14.82 0.40 0.00	15.93 0.43 0.00	17.27 0.50 0.00	17.14 0.50 0.00	17.43 0.51 0.00	18.83 0.55 0.00	23.92 0.69 0.00	23.48 0.69 0.00	29.51 0.85 0.00	27.29 0.74 0.00	21.29 0.59 0.00	20.33 0.59 0.00	21.06 0.61 0.00	16.66 0.44 -1.12
GILBOA___2 23757	18.28 0.52 0.00	13.99 0.40 0.00	17.77 0.55 0.00	13.38 0.39 0.00	12.42 0.35 0.00	15.89 0.42 0.00	16.56 0.45 0.00	12.97 0.35 0.00	13.96 0.37 0.00	15.58 0.40 0.00	14.82 0.40 0.00	15.93 0.43 0.00	17.27 0.50 0.00	17.14 0.50 0.00	17.43 0.51 0.00	18.83 0.55 0.00	23.92 0.69 0.00	23.48 0.69 0.00	29.51 0.85 0.00	27.29 0.74 0.00	21.29 0.59 0.00	20.33 0.59 0.00	21.06 0.61 0.00	16.66 0.44 -1.12
GILBOA___3 23758	18.28 0.52 0.00	13.99 0.40 0.00	17.77 0.55 0.00	13.38 0.39 0.00	12.42 0.35 0.00	15.89 0.42 0.00	16.56 0.45 0.00	12.97 0.35 0.00	13.96 0.37 0.00	15.58 0.40 0.00	14.82 0.40 0.00	15.93 0.43 0.00	17.27 0.50 0.00	17.14 0.50 0.00	17.43 0.51 0.00	18.83 0.55 0.00	23.92 0.69 0.00	23.48 0.69 0.00	29.51 0.85 0.00	27.29 0.74 0.00	21.29 0.59 0.00	20.33 0.59 0.00	21.06 0.61 0.00	16.66 0.44 -1.12
GILBOA___4 23759	18.28 0.52 0.00	13.99 0.40 0.00	17.77 0.55 0.00	13.38 0.39 0.00	12.42 0.35 0.00	15.89 0.42 0.00	16.56 0.45 0.00	12.97 0.35 0.00	13.96 0.37 0.00	15.58 0.40 0.00	14.82 0.40 0.00	15.93 0.43 0.00	17.27 0.50 0.00	17.14 0.50 0.00	17.43 0.51 0.00	18.83 0.55 0.00	23.92 0.69 0.00	23.48 0.69 0.00	29.51 0.85 0.00	27.29 0.74 0.00	21.29 0.59 0.00	20.33 0.59 0.00	21.06 0.61 0.00	16.66 0.44 -1.12
GILBOA___ 23599	18.28 0.52 0.00	13.99 0.40 0.00	17.77 0.55 0.00	13.38 0.39 0.00	12.42 0.35 0.00	15.89 0.42 0.00	16.56 0.45 0.00	12.98 0.35 0.00	13.96 0.37 0.00	15.58 0.40 0.00	14.82 0.40 0.00	15.93 0.43 0.00	17.27 0.50 0.00	17.14 0.50 0.00	17.43 0.51 0.00	18.83 0.55 0.00	23.92 0.69 0.00	23.48 0.69 0.00	29.51 0.85 0.00	27.29 0.74 0.00	21.29 0.59 0.00	20.33 0.59 0.00	21.06 0.61 0.00	16.66 0.44 -1.12
GINNA___ 23603	16.96 -0.80 0.00	13.08 -0.51 0.00	16.56 -0.66 0.00	12.45 -0.53 0.00	11.59 -0.47 0.00	14.94 -0.53 0.00	15.48 -0.63 0.00	12.11 -0.51 0.00	13.06 -0.53 0.00	14.66 -0.52 0.00	13.85 -0.57 0.00	14.89 -0.60 0.00	16.12 -0.64 0.00	16.01 -0.63 0.00	16.28 -0.64 0.00	17.61 -0.68 0.00	22.32 -0.92 0.00	21.95 -0.84 0.00	27.56 -1.09 0.00	25.62 -0.93 0.00	19.94 -0.75 0.00	18.93 -0.80 0.00	19.55 -0.89 0.00	14.68 -0.56 -0.14
GLEN PARK___ 23778	18.11 0.35 0.00	13.93 0.34 0.00	17.65 0.42 0.00	13.35 0.37 0.00	12.45 0.38 0.00	15.97 0.49 0.00	16.55 0.44 0.00	12.83 0.21 0.00	13.72 0.13 0.00	15.24 0.06 0.00	14.40 -0.02 0.00	15.41 -0.08 0.00	16.55 -0.22 0.00	16.37 -0.27 0.00	16.69 -0.23 0.00	18.05 -0.23 0.00	22.99 -0.25 0.00	22.73 -0.06 0.00	28.83 0.17 0.00	27.08 0.53 0.00	21.54 0.84 0.00	20.65 0.91 0.00	21.36 0.91 0.00	15.73 0.56 -0.07
GLENDALE_27_KV_LOAD 356172	18.99 1.23 0.00	14.48 0.88 0.00	18.24 1.01 0.00	13.82 0.83 0.00	12.81 0.75 0.00	16.36 0.89 0.00	17.08 0.98 0.00	13.44 0.82 0.00	14.52 0.93 0.00	16.21 1.03 0.00	15.48 1.06 0.00	16.66 1.17 0.00	18.08 1.31 0.00	17.96 1.32 0.00	18.26 1.34 0.00	19.71 1.43 0.00	24.96 1.72 0.00	24.51 1.72 0.00	30.66 2.00 0.00	28.30 1.75 0.00	22.14 1.44 0.00	21.08 1.35 0.00	21.93 1.48 0.00	17.25 1.04 -1.11

GLENWOOD_IC_1_G5 23712	18.87 1.12 0.00	14.39 0.79 0.00	18.15 0.93 0.00	13.73 0.74 0.00	12.73 0.66 0.00	16.25 0.78 0.00	16.97 0.86 0.00	13.34 0.72 0.00	14.37 0.78 0.00	16.11 0.93 0.00	15.45 1.03 0.00	16.61 1.12 0.00	18.04 1.28 0.00	17.93 1.29 0.00	18.23 1.31 0.00	19.68 1.39 0.00	24.93 1.69 0.00	24.51 1.72 0.00	30.70 2.04 0.00	28.31 1.76 0.00	22.13 1.44 0.00	21.10 1.37 0.00	21.89 1.45 0.00	17.19 0.99 -1.11
GLENWOOD_IC_2_G1 23688	18.83 1.07 0.00	14.35 0.76 0.00	18.11 0.89 0.00	13.70 0.71 0.00	12.70 0.64 0.00	16.22 0.75 0.00	16.94 0.83 0.00	13.31 0.69 0.00	14.35 0.76 0.00	16.07 0.89 0.00	15.39 0.97 0.00	16.55 1.06 0.00	17.97 1.21 0.00	17.85 1.21 0.00	18.15 1.24 0.00	19.60 1.31 0.00	24.82 1.58 0.00	24.40 1.61 0.00	30.57 1.92 0.00	28.19 1.64 0.00	22.05 1.35 0.00	21.02 1.29 0.00	21.81 1.37 0.00	17.15 0.94 -1.11
GLENWOOD_IC_3_G1 23689	18.83 1.07 0.00	14.35 0.76 0.00	18.11 0.89 0.00	13.70 0.71 0.00	12.70 0.64 0.00	16.22 0.75 0.00	16.94 0.83 0.00	13.31 0.69 0.00	14.35 0.76 0.00	16.07 0.89 0.00	15.39 0.97 0.00	16.55 1.06 0.00	17.97 1.21 0.00	17.85 1.21 0.00	18.15 1.24 0.00	19.60 1.31 0.00	24.82 1.58 0.00	24.40 1.61 0.00	30.57 1.92 0.00	28.19 1.64 0.00	22.05 1.35 0.00	21.02 1.29 0.00	21.81 1.37 0.00	17.15 0.94 -1.11
GLENWOOD___4 23550	18.87 1.12 0.00	14.39 0.79 0.00	18.15 0.93 0.00	13.73 0.74 0.00	12.73 0.66 0.00	16.25 0.78 0.00	16.97 0.86 0.00	13.34 0.72 0.00	14.37 0.78 0.00	16.11 0.93 0.00	15.45 1.03 0.00	16.61 1.12 0.00	18.04 1.28 0.00	17.93 1.29 0.00	18.23 1.31 0.00	19.68 1.39 0.00	24.93 1.69 0.00	24.51 1.72 0.00	30.70 2.04 0.00	28.31 1.76 0.00	22.13 1.44 0.00	21.10 1.37 0.00	21.89 1.45 0.00	17.19 0.99 -1.11
GLENWOOD___5 23614	18.87 1.12 0.00	14.39 0.79 0.00	18.15 0.93 0.00	13.73 0.74 0.00	12.73 0.66 0.00	16.25 0.78 0.00	16.97 0.86 0.00	13.34 0.72 0.00	14.37 0.78 0.00	16.11 0.93 0.00	15.45 1.03 0.00	16.61 1.12 0.00	18.04 1.28 0.00	17.93 1.29 0.00	18.23 1.31 0.00	19.68 1.39 0.00	24.93 1.69 0.00	24.51 1.72 0.00	30.70 2.04 0.00	28.31 1.76 0.00	22.13 1.44 0.00	21.10 1.37 0.00	21.89 1.45 0.00	17.19 0.99 -1.11
GLOBAL GREEN_PORT_GT1 23814	19.40 1.64 0.00	14.77 1.18 0.00	18.77 1.55 0.00	14.13 1.14 0.00	13.10 1.03 0.00	16.66 1.19 0.00	17.55 1.44 0.00	13.77 1.15 0.00	14.71 1.12 0.00	16.56 1.38 0.00	15.96 1.54 0.00	17.11 1.62 0.00	18.58 1.81 0.00	18.45 1.81 0.00	18.73 1.82 0.00	20.23 1.94 0.00	25.72 2.48 0.00	25.41 2.62 0.00	31.86 3.21 0.00	29.37 2.83 0.00	22.96 2.26 0.00	21.92 2.19 0.00	22.71 2.27 0.00	17.62 1.41 -1.11
GLOBE___DSASP 323697	17.39 -0.36 0.00	13.55 -0.05 0.00	17.16 -0.06 0.00	12.87 -0.11 0.00	11.99 -0.08 0.00	15.52 0.05 0.00	16.02 -0.09 0.00	12.50 -0.12 0.00	13.52 -0.07 0.00	15.22 0.04 0.00	14.31 -0.11 0.00	15.29 -0.21 0.00	16.50 -0.26 0.00	16.37 -0.27 0.00	16.63 -0.28 0.00	18.00 -0.29 0.00	22.76 -0.48 0.00	22.25 -0.54 0.00	27.75 -0.90 0.00	25.82 -0.73 0.00	20.06 -0.64 0.00	19.00 -0.73 0.00	19.70 -0.74 0.00	15.00 -0.28 -0.18
GOETHSLN___LBMP 323567	18.84 1.08 0.00	14.35 0.75 0.00	18.10 0.88 0.00	13.70 0.72 0.00	12.71 0.64 0.00	16.23 0.76 0.00	16.94 0.83 0.00	13.33 0.71 0.00	14.40 0.81 0.00	16.08 0.90 0.00	15.34 0.92 0.00	16.51 1.01 0.00	17.92 1.16 0.00	17.78 1.14 0.00	18.08 1.16 0.00	19.53 1.24 0.00	24.71 1.47 0.00	24.26 1.47 0.00	30.39 1.73 0.00	28.02 1.48 0.00	21.93 1.24 0.00	20.88 1.15 0.00	21.73 1.29 0.00	17.11 0.91 -1.11
GOLAH___69_KV_TB 1_2 80279	17.89 0.13 0.00	13.86 0.26 0.00	17.56 0.34 0.00	13.21 0.22 0.00	12.29 0.22 0.00	15.87 0.39 0.00	16.44 0.33 0.00	12.80 0.18 0.00	13.80 0.21 0.00	15.46 0.28 0.00	14.58 0.16 0.00	15.68 0.18 0.00	16.94 0.18 0.00	16.81 0.17 0.00	17.08 0.16 0.00	18.49 0.20 0.00	23.41 0.17 0.00	23.01 0.23 0.00	28.90 0.24 0.00	26.92 0.37 0.00	20.96 0.27 0.00	19.88 0.15 0.00	20.54 0.09 0.00	15.45 0.21 -0.14
GOODYEAR_LAKE_HYD 323669	18.51 0.75 0.00	14.18 0.58 0.00	17.95 0.73 0.00	13.49 0.50 0.00	12.54 0.47 0.00	16.09 0.62 0.00	16.77 0.65 0.00	13.17 0.55 0.00	14.30 0.71 0.00	15.88 0.70 0.00	15.10 0.68 0.00	16.22 0.73 0.00	17.56 0.79 0.00	17.43 0.79 0.00	17.73 0.81 0.00	19.18 0.89 0.00	24.40 1.16 0.00	23.92 1.14 0.00	30.12 1.47 0.00	27.92 1.37 0.00	21.78 1.09 0.00	20.70 0.97 0.00	21.41 0.97 0.00	16.05 0.68 -0.27
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.08 0.33 0.00	13.94 0.34 0.00	17.62 0.40 0.00	13.25 0.26 0.00	12.32 0.25 0.00	15.81 0.34 0.00	16.45 0.34 0.00	12.88 0.25 0.00	13.89 0.30 0.00	15.59 0.41 0.00	14.78 0.35 0.00	15.89 0.40 0.00	17.17 0.40 0.00	17.06 0.41 0.00	17.37 0.46 0.00	18.82 0.54 0.00	23.93 0.69 0.00	23.47 0.68 0.00	29.52 0.86 0.00	27.32 0.77 0.00	21.26 0.57 0.00	20.20 0.47 0.00	20.93 0.48 0.00	15.83 0.37 -0.36
GOUDEY___7 23579	18.10 0.34 0.00	13.95 0.35 0.00	17.63 0.41 0.00	13.26 0.28 0.00	12.32 0.26 0.00	15.82 0.34 0.00	16.46 0.35 0.00	12.89 0.27 0.00	13.90 0.31 0.00	15.61 0.42 0.00	14.79 0.37 0.00	15.90 0.41 0.00	17.18 0.41 0.00	17.07 0.43 0.00	17.39 0.48 0.00	18.84 0.56 0.00	23.95 0.71 0.00	23.50 0.71 0.00	29.55 0.89 0.00	27.35 0.79 0.00	21.29 0.59 0.00	20.22 0.49 0.00	20.95 0.50 0.00	15.84 0.38 -0.36
GOUDEY___8 23580	18.08 0.33 0.00	13.94 0.34 0.00	17.62 0.40 0.00	13.25 0.26 0.00	12.32 0.25 0.00	15.81 0.34 0.00	16.45 0.34 0.00	12.88 0.25 0.00	13.89 0.30 0.00	15.59 0.41 0.00	14.78 0.35 0.00	15.89 0.40 0.00	17.17 0.40 0.00	17.06 0.41 0.00	17.37 0.46 0.00	18.82 0.54 0.00	23.93 0.69 0.00	23.47 0.68 0.00	29.52 0.86 0.00	27.32 0.77 0.00	21.26 0.57 0.00	20.20 0.47 0.00	20.93 0.48 0.00	15.83 0.37 -0.36
GOWANUS_GT1_1 24077	19.00 1.25 0.00	14.48 0.88 0.00	18.25 1.03 0.00	13.82 0.83 0.00	12.81 0.75 0.00	16.37 0.89 0.00	17.09 0.98 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.18 0.99 0.00	15.45 1.03 0.00	16.63 1.14 0.00	18.06 1.30 0.00	17.93 1.29 0.00	18.23 1.32 0.00	19.69 1.41 0.00	24.92 1.68 0.00	24.48 1.69 0.00	30.60 1.95 0.00	28.28 1.73 0.00	22.12 1.42 0.00	21.06 1.33 0.00	21.91 1.47 0.00	17.23 1.03 -1.11
GOWANUS_GT1_2 24078	19.00 1.25 0.00	14.48 0.88 0.00	18.25 1.03 0.00	13.82 0.83 0.00	12.81 0.75 0.00	16.37 0.89 0.00	17.09 0.98 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.18 0.99 0.00	15.45 1.03 0.00	16.63 1.14 0.00	18.06 1.30 0.00	17.93 1.29 0.00	18.23 1.32 0.00	19.69 1.41 0.00	24.92 1.68 0.00	24.48 1.69 0.00	30.60 1.95 0.00	28.28 1.73 0.00	22.12 1.42 0.00	21.06 1.33 0.00	21.91 1.47 0.00	17.23 1.03 -1.11

GOWANUS_GT1_3 24079	19.00 <u>1.25</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>0.99</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.41</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.42</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.23 <u>1.03</u> -1.11
GOWANUS_GT1_4 24080	19.00 <u>1.25</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>0.99</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.41</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.42</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.23 <u>1.03</u> -1.11
GOWANUS_GT1_5 24084	19.00 <u>1.25</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>0.99</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.41</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.42</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.23 <u>1.03</u> -1.11
GOWANUS_GT1_6 24111	19.00 <u>1.25</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>0.99</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.41</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.42</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.23 <u>1.03</u> -1.11
GOWANUS_GT1_7 24112	19.00 <u>1.25</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>0.99</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.41</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.42</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.23 <u>1.03</u> -1.11
GOWANUS_GT1_8 24113	19.00 <u>1.25</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>0.99</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.41</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.42</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.23 <u>1.03</u> -1.11
GOWANUS_GT2_1 24114	19.00 <u>1.24</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>1.00</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.40</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.43</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.24 <u>1.03</u> -1.11
GOWANUS_GT2_2 24115	19.00 <u>1.24</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>1.00</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.40</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.43</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.24 <u>1.03</u> -1.11
GOWANUS_GT2_3 24116	19.00 <u>1.24</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>1.00</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.40</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.43</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.24 <u>1.03</u> -1.11
GOWANUS_GT2_4 24117	19.00 <u>1.24</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>1.00</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.40</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.43</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.24 <u>1.03</u> -1.11
GOWANUS_GT2_5 24118	19.00 <u>1.24</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>1.00</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.40</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.43</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.24 <u>1.03</u> -1.11
GOWANUS_GT2_6 24119	19.00 <u>1.24</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>1.00</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.40</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.43</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.24 <u>1.03</u> -1.11
GOWANUS_GT2_7 24120	19.00 <u>1.24</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>1.00</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.40</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.43</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.24 <u>1.03</u> -1.11
GOWANUS_GT2_8 24121	19.00 <u>1.24</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>1.00</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.40</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.43</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.24 <u>1.03</u> -1.11
GOWANUS_GT3_1 24122	19.00 <u>1.24</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>1.00</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.40</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.43</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.24 <u>1.03</u> -1.11

GOWANUS_GT3_2 24123	19.00 <u>1.24</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>1.00</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.40</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.43</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.24 <u>1.03</u> -1.11
GOWANUS_GT3_3 24124	19.00 <u>1.24</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>1.00</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.40</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.43</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.24 <u>1.03</u> -1.11
GOWANUS_GT3_4 24125	19.00 <u>1.24</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>1.00</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.40</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.43</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.24 <u>1.03</u> -1.11
GOWANUS_GT3_5 24126	19.00 <u>1.24</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>1.00</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.40</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.43</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.24 <u>1.03</u> -1.11
GOWANUS_GT3_6 24127	19.00 <u>1.24</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>1.00</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.40</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.43</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.24 <u>1.03</u> -1.11
GOWANUS_GT3_7 24128	19.00 <u>1.24</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>1.00</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.40</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.43</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.24 <u>1.03</u> -1.11
GOWANUS_GT3_8 24129	19.00 <u>1.24</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>1.00</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.40</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.43</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.24 <u>1.03</u> -1.11
GOWANUS_GT4_1 24130	19.00 <u>1.25</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>0.99</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.41</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.42</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.23 <u>1.03</u> -1.11
GOWANUS_GT4_2 24131	19.00 <u>1.25</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>0.99</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.41</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.42</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.23 <u>1.03</u> -1.11
GOWANUS_GT4_3 24132	19.00 <u>1.25</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>0.99</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.41</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.42</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.23 <u>1.03</u> -1.11
GOWANUS_GT4_4 24133	19.00 <u>1.25</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>0.99</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.41</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.42</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.23 <u>1.03</u> -1.11
GOWANUS_GT4_5 24134	19.00 <u>1.25</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>0.99</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.41</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.42</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.23 <u>1.03</u> -1.11
GOWANUS_GT4_6 24135	19.00 <u>1.25</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>0.99</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.41</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.42</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.23 <u>1.03</u> -1.11
GOWANUS_GT4_7 24136	19.00 <u>1.25</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>0.99</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.41</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.42</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.23 <u>1.03</u> -1.11
GOWANUS_GT4_8 24137	19.00 <u>1.25</u> 0.00	14.48 <u>0.88</u> 0.00	18.25 <u>1.03</u> 0.00	13.82 <u>0.83</u> 0.00	12.81 <u>0.75</u> 0.00	16.37 <u>0.89</u> 0.00	17.09 <u>0.98</u> 0.00	13.40 <u>0.78</u> 0.00	14.48 <u>0.89</u> 0.00	16.18 <u>0.99</u> 0.00	15.45 <u>1.03</u> 0.00	16.63 <u>1.14</u> 0.00	18.06 <u>1.30</u> 0.00	17.93 <u>1.29</u> 0.00	18.23 <u>1.32</u> 0.00	19.69 <u>1.41</u> 0.00	24.92 <u>1.68</u> 0.00	24.48 <u>1.69</u> 0.00	30.60 <u>1.95</u> 0.00	28.28 <u>1.73</u> 0.00	22.12 <u>1.42</u> 0.00	21.06 <u>1.33</u> 0.00	21.91 <u>1.47</u> 0.00	17.23 <u>1.03</u> -1.11

GREENBSH_115KV_TB3 55895	18.12 0.37 0.00	13.87 0.28 0.00	17.56 0.34 0.00	13.32 0.33 0.00	12.37 0.30 0.00	15.77 0.30 0.00	16.44 0.33 0.00	12.90 0.28 0.00	13.83 0.24 0.00	15.38 0.20 0.00	14.63 0.21 0.00	15.72 0.23 0.00	17.07 0.30 0.00	16.94 0.30 0.00	17.23 0.31 0.00	18.61 0.32 0.00	23.69 0.45 0.00	23.33 0.54 0.00	29.33 0.67 0.00	27.13 0.58 0.00	21.13 0.43 0.00	20.17 0.44 0.00	20.87 0.42 0.00	16.80 0.29 -1.41
GREENDGE_115KV_TB5 80291	18.01 0.26 0.00	13.92 0.33 0.00	17.60 0.38 0.00	13.22 0.23 0.00	12.30 0.24 0.00	15.82 0.35 0.00	16.43 0.32 0.00	12.85 0.22 0.00	13.84 0.25 0.00	15.55 0.37 0.00	14.68 0.26 0.00	15.79 0.30 0.00	17.05 0.28 0.00	16.93 0.29 0.00	17.26 0.35 0.00	18.73 0.45 0.00	23.81 0.56 0.00	23.41 0.62 0.00	29.40 0.75 0.00	27.35 0.80 0.00	21.31 0.61 0.00	20.18 0.45 0.00	20.84 0.40 0.00	15.66 0.34 -0.22
GREENIDGE___3 23582	18.01 0.26 0.00	13.92 0.33 0.00	17.60 0.38 0.00	13.22 0.23 0.00	12.30 0.24 0.00	15.82 0.35 0.00	16.43 0.32 0.00	12.85 0.22 0.00	13.84 0.25 0.00	15.55 0.37 0.00	14.68 0.26 0.00	15.79 0.30 0.00	17.05 0.28 0.00	16.93 0.29 0.00	17.26 0.35 0.00	18.73 0.45 0.00	23.81 0.56 0.00	23.41 0.62 0.00	29.40 0.75 0.00	27.35 0.80 0.00	21.31 0.61 0.00	20.18 0.45 0.00	20.84 0.40 0.00	15.66 0.34 -0.22
GREENIDGE___4 23583	18.02 0.26 0.00	13.93 0.33 0.00	17.60 0.38 0.00	13.22 0.23 0.00	12.30 0.24 0.00	15.82 0.35 0.00	16.43 0.32 0.00	12.85 0.22 0.00	13.84 0.25 0.00	15.56 0.38 0.00	14.68 0.26 0.00	15.79 0.30 0.00	17.05 0.28 0.00	16.93 0.29 0.00	17.26 0.35 0.00	18.74 0.45 0.00	23.81 0.56 0.00	23.41 0.62 0.00	29.40 0.75 0.00	27.35 0.80 0.00	21.31 0.61 0.00	20.18 0.45 0.00	20.84 0.40 0.00	15.67 0.34 -0.22
GREENLWN_69_KV_BK 3 55738	18.74 0.98 0.00	14.28 0.68 0.00	18.05 0.82 0.00	13.63 0.64 0.00	12.64 0.57 0.00	16.11 0.64 0.00	16.86 0.75 0.00	13.23 0.61 0.00	14.21 0.62 0.00	15.97 0.79 0.00	15.36 0.94 0.00	16.49 0.99 0.00	17.93 1.16 0.00	17.83 1.19 0.00	18.11 1.19 0.00	19.50 1.22 0.00	24.72 1.48 0.00	24.35 1.56 0.00	30.49 1.84 0.00	28.11 1.56 0.00	21.98 1.29 0.00	21.02 1.29 0.00	21.83 1.38 0.00	17.10 0.90 -1.11
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.00 1.25 0.00	14.48 0.88 0.00	18.25 1.03 0.00	13.82 0.83 0.00	12.81 0.75 0.00	16.37 0.89 0.00	17.09 0.98 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.18 0.99 0.00	15.45 1.03 0.00	16.63 1.14 0.00	18.06 1.30 0.00	17.93 1.29 0.00	18.23 1.32 0.00	19.69 1.41 0.00	24.92 1.68 0.00	24.48 1.69 0.00	30.60 1.95 0.00	28.28 1.73 0.00	22.12 1.42 0.00	21.06 1.33 0.00	21.91 1.47 0.00	17.23 1.03 -1.11
GRISSOM___SOLAR 323813	19.56 1.80 0.00	15.00 1.40 0.00	18.96 1.74 0.00	14.25 1.26 0.00	13.25 1.18 0.00	17.02 1.55 0.00	17.72 1.61 0.00	13.83 1.21 0.00	14.87 1.28 0.00	16.51 1.33 0.00	15.53 1.11 0.00	16.61 1.12 0.00	17.94 1.18 0.00	17.82 1.18 0.00	18.10 1.19 0.00	19.58 1.29 0.00	25.08 1.83 0.00	24.81 2.02 0.00	31.52 2.87 0.00	29.41 2.85 0.00	23.01 2.31 0.00	21.83 2.10 0.00	22.46 2.02 0.00	18.30 1.55 -1.65
GROVEVILLE___HYD 323602	18.91 1.16 0.00	14.42 0.82 0.00	18.20 0.98 0.00	13.76 0.78 0.00	12.76 0.69 0.00	16.31 0.83 0.00	17.01 0.90 0.00	13.36 0.74 0.00	14.42 0.83 0.00	16.13 0.95 0.00	15.39 0.97 0.00	16.56 1.06 0.00	17.98 1.21 0.00	17.86 1.22 0.00	18.18 1.26 0.00	19.66 1.38 0.00	24.93 1.69 0.00	24.54 1.76 0.00	30.78 2.12 0.00	28.38 1.84 0.00	22.16 1.47 0.00	21.09 1.36 0.00	21.87 1.42 0.00	17.20 0.99 -1.11
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	17.78 0.02 0.00	13.65 0.05 0.00	17.28 0.06 0.00	13.02 0.03 0.00	12.11 0.04 0.00	15.53 0.06 0.00	16.16 0.05 0.00	12.65 0.03 0.00	13.63 0.04 0.00	15.26 0.08 0.00	14.47 0.04 0.00	15.56 0.06 0.00	16.83 0.07 0.00	16.71 0.07 0.00	17.00 0.08 0.00	18.39 0.10 0.00	23.40 0.16 0.00	23.00 0.22 0.00	28.95 0.29 0.00	26.83 0.28 0.00	20.92 0.22 0.00	19.89 0.16 0.00	20.56 0.11 0.00	15.33 0.11 -0.12
HAMLTNNY_34_KV_TB 80303	17.78 0.02 0.00	13.65 0.05 0.00	17.29 0.07 0.00	13.01 0.02 0.00	12.11 0.04 0.00	15.53 0.06 0.00	16.16 0.05 0.00	12.65 0.03 0.00	13.63 0.04 0.00	15.29 0.11 0.00	14.50 0.08 0.00	15.60 0.10 0.00	16.88 0.12 0.00	16.75 0.11 0.00	17.04 0.13 0.00	18.43 0.14 0.00	23.46 0.22 0.00	23.07 0.28 0.00	29.04 0.38 0.00	26.90 0.36 0.00	20.97 0.27 0.00	19.93 0.20 0.00	20.61 0.16 0.00	15.36 0.13 -0.13
HAMPSHIRE___PAPER_HYD 323593	17.72 -0.03 0.00	13.58 -0.02 0.00	17.20 -0.02 0.00	12.98 0.00 0.00	12.09 0.03 0.00	15.52 0.05 0.00	16.14 0.03 0.00	12.61 -0.02 0.00	13.55 -0.04 0.00	15.08 -0.10 0.00	14.28 -0.14 0.00	15.30 -0.19 0.00	16.48 -0.28 0.00	16.32 -0.33 0.00	16.61 -0.31 0.00	17.96 -0.32 0.00	22.89 -0.35 0.00	22.49 -0.30 0.00	28.40 -0.25 0.00	26.49 -0.06 0.00	20.80 0.10 0.00	19.97 0.23 0.00	20.67 0.23 0.00	15.21 0.07 -0.04
HARDSCRABBLE_WT_PWR 323673	17.73 -0.03 0.00	13.58 -0.02 0.00	17.24 0.02 0.00	13.04 0.06 0.00	12.15 0.09 0.00	15.52 0.05 0.00	16.17 0.06 0.00	12.59 -0.04 0.00	13.49 -0.10 0.00	15.05 -0.13 0.00	14.23 -0.19 0.00	15.30 -0.19 0.00	16.64 -0.12 0.00	16.53 -0.11 0.00	16.82 -0.09 0.00	18.20 -0.08 0.00	23.20 -0.04 0.00	22.89 0.10 0.00	28.83 0.17 0.00	26.69 0.14 0.00	20.71 0.01 0.00	19.66 -0.07 0.00	20.26 -0.19 0.00	14.93 -0.17 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	18.77 1.01 0.00	14.30 0.71 0.00	18.05 0.83 0.00	13.65 0.66 0.00	12.66 0.59 0.00	16.18 0.71 0.00	16.88 0.77 0.00	13.26 0.64 0.00	14.32 0.73 0.00	16.01 0.83 0.00	15.26 0.84 0.00	16.43 0.93 0.00	17.84 1.07 0.00	17.72 1.07 0.00	18.04 1.13 0.00	19.52 1.23 0.00	24.74 1.50 0.00	24.34 1.55 0.00	30.52 1.86 0.00	28.14 1.59 0.00	21.95 1.26 0.00	20.87 1.14 0.00	21.68 1.24 0.00	17.01 0.87 -1.04
HARSNRAD_115KV_TB1 81005	17.56 -0.20 0.00	13.68 0.09 0.00	17.29 0.07 0.00	12.97 -0.02 0.00	12.08 0.01 0.00	15.64 0.17 0.00	16.13 0.02 0.00	12.59 -0.03 0.00	13.61 0.02 0.00	15.33 0.15 0.00	14.44 0.02 0.00	15.46 -0.03 0.00	16.72 -0.05 0.00	16.60 -0.04 0.00	16.88 -0.04 0.00	18.28 -0.01 0.00	23.19 -0.05 0.00	22.63 -0.16 0.00	28.25 -0.41 0.00	26.30 -0.25 0.00	20.43 -0.27 0.00	19.33 -0.40 0.00	20.03 -0.41 0.00	15.22 -0.06 -0.18
HARZA MOOSE___RIVER 24016	18.05 0.30 0.00	13.86 0.26 0.00	17.53 0.31 0.00	13.24 0.26 0.00	12.33 0.26 0.00	15.81 0.34 0.00	16.44 0.33 0.00	12.83 0.21 0.00	13.79 0.20 0.00	15.38 0.19 0.00	14.55 0.13 0.00	15.61 0.11 0.00	16.83 0.07 0.00	16.66 0.02 0.00	16.97 0.05 0.00	18.35 0.07 0.00	23.39 0.14 0.00	23.06 0.27 0.00	29.12 0.47 0.00	27.15 0.60 0.00	21.29 0.59 0.00	20.34 0.61 0.00	21.03 0.59 0.00	15.52 0.38 -0.04

HDSNBRDG_115KV_BRDG_TB1 355580	17.69 -0.06 0.00	13.59 -0.01 0.00	17.20 -0.02 0.00	12.96 -0.03 0.00	12.04 -0.02 0.00	15.46 -0.01 0.00	16.08 -0.03 0.00	12.59 -0.04 0.00	13.55 -0.04 0.00	15.18 0.00 0.00	14.40 -0.02 0.00	15.48 -0.01 0.00	16.76 -0.01 0.00	16.64 0.00 0.00	16.93 0.01 0.00	18.31 0.03 0.00	23.27 0.03 0.00	22.88 0.09 0.00	28.78 0.12 0.00	26.68 0.13 0.00	20.79 0.09 0.00	19.77 0.04 0.00	20.45 0.00 0.00	15.24 0.03 -0.11
HELLGATE_13_KV_LD 55870	18.91 1.15 0.00	14.42 0.82 0.00	18.16 0.94 0.00	13.77 0.79 0.00	12.77 0.70 0.00	16.30 0.82 0.00	17.01 0.91 0.00	13.39 0.77 0.00	14.46 0.87 0.00	16.14 0.95 0.00	15.41 0.99 0.00	16.58 1.09 0.00	17.99 1.23 0.00	17.87 1.23 0.00	18.16 1.24 0.00	19.61 1.33 0.00	24.82 1.58 0.00	24.38 1.59 0.00	30.49 1.84 0.00	28.16 1.61 0.00	22.03 1.34 0.00	20.97 1.24 0.00	21.82 1.38 0.00	17.18 0.98 -1.11
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	18.91 1.15 0.00	14.42 0.82 0.00	18.16 0.94 0.00	13.77 0.79 0.00	12.77 0.70 0.00	16.30 0.82 0.00	17.01 0.91 0.00	13.39 0.77 0.00	14.46 0.87 0.00	16.14 0.95 0.00	15.41 0.99 0.00	16.58 1.09 0.00	17.99 1.23 0.00	17.87 1.23 0.00	18.16 1.24 0.00	19.61 1.33 0.00	24.82 1.58 0.00	24.38 1.59 0.00	30.49 1.84 0.00	28.16 1.61 0.00	22.03 1.34 0.00	20.97 1.24 0.00	21.82 1.38 0.00	17.18 0.98 -1.11
HEMPSTEAD____ 23647	18.76 1.01 0.00	14.30 0.70 0.00	18.05 0.83 0.00	13.64 0.65 0.00	12.65 0.58 0.00	16.13 0.66 0.00	16.87 0.76 0.00	13.24 0.62 0.00	14.25 0.66 0.00	16.00 0.82 0.00	15.37 0.95 0.00	16.51 1.02 0.00	17.94 1.18 0.00	17.83 1.19 0.00	18.13 1.21 0.00	19.53 1.25 0.00	24.76 1.52 0.00	24.37 1.58 0.00	30.53 1.87 0.00	28.16 1.61 0.00	22.02 1.32 0.00	21.03 1.30 0.00	21.82 1.38 0.00	17.11 0.90 -1.11
HEWLETT__69_KV_BK3 55828	18.89 1.14 0.00	14.40 0.81 0.00	18.19 0.97 0.00	13.74 0.75 0.00	12.74 0.68 0.00	16.26 0.78 0.00	16.98 0.87 0.00	13.33 0.71 0.00	14.34 0.75 0.00	16.12 0.93 0.00	15.47 1.05 0.00	16.61 1.11 0.00	18.05 1.29 0.00	17.93 1.29 0.00	18.23 1.32 0.00	19.66 1.38 0.00	24.91 1.67 0.00	24.50 1.72 0.00	30.69 2.04 0.00	28.30 1.75 0.00	22.14 1.44 0.00	21.16 1.42 0.00	21.94 1.49 0.00	17.21 1.00 -1.11
HICKLING___1 23621	18.21 0.46 0.00	14.11 0.51 0.00	17.81 0.59 0.00	13.36 0.38 0.00	12.43 0.37 0.00	15.98 0.51 0.00	16.60 0.50 0.00	12.99 0.36 0.00	14.00 0.41 0.00	15.82 0.64 0.00	14.98 0.56 0.00	16.13 0.64 0.00	17.39 0.62 0.00	17.28 0.64 0.00	17.64 0.72 0.00	19.17 0.88 0.00	24.34 1.10 0.00	23.83 1.05 0.00	29.97 1.32 0.00	27.76 1.21 0.00	21.55 0.85 0.00	20.39 0.66 0.00	21.11 0.66 0.00	15.89 0.50 -0.29
HICKLING___2 23622	18.21 0.46 0.00	14.11 0.51 0.00	17.81 0.59 0.00	13.36 0.38 0.00	12.43 0.37 0.00	15.98 0.51 0.00	16.60 0.50 0.00	12.99 0.36 0.00	14.00 0.41 0.00	15.82 0.64 0.00	14.98 0.56 0.00	16.13 0.64 0.00	17.39 0.62 0.00	17.28 0.64 0.00	17.64 0.72 0.00	19.17 0.88 0.00	24.34 1.10 0.00	23.83 1.05 0.00	29.97 1.32 0.00	27.76 1.21 0.00	21.55 0.85 0.00	20.39 0.66 0.00	21.11 0.66 0.00	15.89 0.50 -0.29
HIGH FALLS___HY 23754	18.88 1.12 0.00	14.38 0.78 0.00	18.12 0.89 0.00	13.68 0.69 0.00	12.68 0.61 0.00	16.21 0.74 0.00	16.92 0.82 0.00	13.30 0.68 0.00	14.39 0.79 0.00	16.07 0.89 0.00	15.32 0.89 0.00	16.47 0.98 0.00	17.87 1.10 0.00	17.65 1.00 0.00	17.95 1.04 0.00	19.43 1.14 0.00	24.63 1.39 0.00	24.29 1.50 0.00	30.50 1.84 0.00	28.13 1.59 0.00	22.02 1.32 0.00	21.04 1.31 0.00	21.83 1.39 0.00	17.17 0.97 -1.09
HILLBURN___GT 23639	18.72 0.96 0.00	14.28 0.68 0.00	18.02 0.80 0.00	13.63 0.64 0.00	12.64 0.57 0.00	16.15 0.67 0.00	16.86 0.75 0.00	13.24 0.62 0.00	14.30 0.71 0.00	16.00 0.81 0.00	15.24 0.82 0.00	16.39 0.90 0.00	17.80 1.04 0.00	17.67 1.03 0.00	17.99 1.07 0.00	19.44 1.16 0.00	24.62 1.38 0.00	24.20 1.41 0.00	30.33 1.68 0.00	27.97 1.42 0.00	21.84 1.14 0.00	20.76 1.03 0.00	21.59 1.15 0.00	16.99 0.84 -1.05
HILLSIDE_115KV_TB1 80332	17.96 0.20 0.00	13.92 0.33 0.00	17.58 0.35 0.00	13.18 0.20 0.00	12.27 0.20 0.00	15.76 0.28 0.00	16.39 0.28 0.00	12.82 0.20 0.00	13.84 0.25 0.00	15.63 0.45 0.00	14.78 0.35 0.00	15.92 0.43 0.00	17.15 0.38 0.00	17.04 0.40 0.00	17.39 0.47 0.00	18.89 0.61 0.00	23.98 0.74 0.00	23.48 0.69 0.00	29.49 0.83 0.00	27.25 0.70 0.00	21.17 0.47 0.00	20.06 0.33 0.00	20.80 0.36 0.00	15.68 0.28 -0.30
HISHELDN_WT_PWR 323625	17.79 0.04 0.00	13.85 0.25 0.00	17.49 0.27 0.00	13.12 0.14 0.00	12.22 0.15 0.00	15.78 0.31 0.00	16.32 0.21 0.00	12.75 0.12 0.00	13.77 0.18 0.00	15.56 0.37 0.00	14.65 0.23 0.00	15.73 0.24 0.00	16.98 0.21 0.00	16.86 0.22 0.00	17.17 0.25 0.00	18.63 0.34 0.00	23.56 0.32 0.00	22.98 0.19 0.00	28.77 0.11 0.00	26.73 0.18 0.00	20.72 0.02 0.00	19.57 -0.16 0.00	20.24 -0.20 0.00	15.33 0.02 -0.21
HOLTSVILLE_IC_1 23690	18.83 1.08 0.00	14.35 0.75 0.00	18.18 0.96 0.00	13.71 0.72 0.00	12.71 0.64 0.00	16.19 0.71 0.00	16.98 0.87 0.00	13.32 0.70 0.00	14.25 0.66 0.00	16.01 0.83 0.00	15.43 1.01 0.00	16.54 1.05 0.00	17.98 1.22 0.00	17.88 1.24 0.00	18.17 1.25 0.00	19.57 1.28 0.00	24.83 1.59 0.00	24.49 1.70 0.00	30.68 2.02 0.00	28.29 1.75 0.00	22.16 1.46 0.00	21.21 1.48 0.00	22.02 1.58 0.00	17.20 0.99 -1.11
HOLTSVILLE_IC_10 23699	18.90 1.15 0.00	14.39 0.80 0.00	18.24 1.01 0.00	13.75 0.76 0.00	12.74 0.68 0.00	16.23 0.75 0.00	17.03 0.93 0.00	13.37 0.74 0.00	14.29 0.70 0.00	16.07 0.88 0.00	15.50 1.08 0.00	16.62 1.12 0.00	18.07 1.30 0.00	17.97 1.32 0.00	18.25 1.33 0.00	19.67 1.39 0.00	24.97 1.74 0.00	24.64 1.86 0.00	30.88 2.23 0.00	28.48 1.93 0.00	22.31 1.61 0.00	21.35 1.62 0.00	22.15 1.71 0.00	17.27 1.06 -1.11
HOLTSVILLE_IC_2 23691	18.83 1.08 0.00	14.35 0.75 0.00	18.18 0.96 0.00	13.71 0.72 0.00	12.71 0.64 0.00	16.19 0.71 0.00	16.98 0.87 0.00	13.32 0.70 0.00	14.25 0.66 0.00	16.01 0.83 0.00	15.43 1.01 0.00	16.54 1.05 0.00	17.98 1.22 0.00	17.88 1.24 0.00	18.17 1.25 0.00	19.57 1.28 0.00	24.83 1.59 0.00	24.49 1.70 0.00	30.68 2.02 0.00	28.29 1.75 0.00	22.16 1.46 0.00	21.21 1.48 0.00	22.02 1.58 0.00	17.20 0.99 -1.11
HOLTSVILLE_IC_3 23692	18.83 1.08 0.00	14.35 0.75 0.00	18.18 0.96 0.00	13.71 0.72 0.00	12.71 0.64 0.00	16.19 0.71 0.00	16.98 0.87 0.00	13.32 0.70 0.00	14.25 0.66 0.00	16.01 0.83 0.00	15.43 1.01 0.00	16.54 1.05 0.00	17.98 1.22 0.00	17.88 1.24 0.00	18.17 1.25 0.00	19.57 1.28 0.00	24.83 1.59 0.00	24.49 1.70 0.00	30.68 2.02 0.00	28.29 1.75 0.00	22.16 1.46 0.00	21.21 1.48 0.00	22.02 1.58 0.00	17.20 0.99 -1.11

HOLTSVILLE_IC_4 23693	18.83 1.08 0.00	14.35 0.75 0.00	18.18 0.96 0.00	13.71 0.72 0.00	12.71 0.64 0.00	16.19 0.71 0.00	16.98 0.87 0.00	13.32 0.70 0.00	14.25 0.66 0.00	16.01 0.83 0.00	15.43 1.01 0.00	16.54 1.05 0.00	17.98 1.22 0.00	17.88 1.24 0.00	18.17 1.25 0.00	19.57 1.28 0.00	24.83 1.59 0.00	24.49 1.70 0.00	30.68 2.02 0.00	28.29 1.75 0.00	22.16 1.46 0.00	21.21 1.48 0.00	22.02 1.58 0.00	17.20 0.99 -1.11
HOLTSVILLE_IC_5 23694	18.83 1.08 0.00	14.35 0.75 0.00	18.18 0.96 0.00	13.71 0.72 0.00	12.71 0.64 0.00	16.19 0.71 0.00	16.98 0.87 0.00	13.32 0.70 0.00	14.25 0.66 0.00	16.01 0.83 0.00	15.43 1.01 0.00	16.54 1.05 0.00	17.98 1.22 0.00	17.88 1.24 0.00	18.17 1.25 0.00	19.57 1.28 0.00	24.83 1.59 0.00	24.49 1.70 0.00	30.68 2.02 0.00	28.29 1.75 0.00	22.16 1.46 0.00	21.21 1.48 0.00	22.02 1.58 0.00	17.20 0.99 -1.11
HOLTSVILLE_IC_6 23695	18.90 1.15 0.00	14.39 0.80 0.00	18.24 1.01 0.00	13.75 0.76 0.00	12.74 0.68 0.00	16.23 0.75 0.00	17.03 0.93 0.00	13.37 0.74 0.00	14.29 0.70 0.00	16.07 0.88 0.00	15.50 1.08 0.00	16.62 1.12 0.00	18.07 1.30 0.00	17.97 1.32 0.00	18.25 1.33 0.00	19.67 1.39 0.00	24.97 1.74 0.00	24.64 1.86 0.00	30.88 2.23 0.00	28.48 1.93 0.00	22.31 1.61 0.00	21.35 1.62 0.00	22.15 1.71 0.00	17.27 1.06 -1.11
HOLTSVILLE_IC_7 23696	18.90 1.15 0.00	14.39 0.80 0.00	18.24 1.01 0.00	13.75 0.76 0.00	12.74 0.68 0.00	16.23 0.75 0.00	17.03 0.93 0.00	13.37 0.74 0.00	14.29 0.70 0.00	16.07 0.88 0.00	15.50 1.08 0.00	16.62 1.12 0.00	18.07 1.30 0.00	17.97 1.32 0.00	18.25 1.33 0.00	19.67 1.39 0.00	24.97 1.74 0.00	24.64 1.86 0.00	30.88 2.23 0.00	28.48 1.93 0.00	22.31 1.61 0.00	21.35 1.62 0.00	22.15 1.71 0.00	17.27 1.06 -1.11
HOLTSVILLE_IC_8 23697	18.90 1.15 0.00	14.39 0.80 0.00	18.24 1.01 0.00	13.75 0.76 0.00	12.74 0.68 0.00	16.23 0.75 0.00	17.03 0.93 0.00	13.37 0.74 0.00	14.29 0.70 0.00	16.07 0.88 0.00	15.50 1.08 0.00	16.62 1.12 0.00	18.07 1.30 0.00	17.97 1.32 0.00	18.25 1.33 0.00	19.67 1.39 0.00	24.97 1.74 0.00	24.64 1.86 0.00	30.88 2.23 0.00	28.48 1.93 0.00	22.31 1.61 0.00	21.35 1.62 0.00	22.15 1.71 0.00	17.27 1.06 -1.11
HOLTSVILLE_IC_9 23698	18.90 1.15 0.00	14.39 0.80 0.00	18.24 1.01 0.00	13.75 0.76 0.00	12.74 0.68 0.00	16.23 0.75 0.00	17.03 0.93 0.00	13.37 0.74 0.00	14.29 0.70 0.00	16.07 0.88 0.00	15.50 1.08 0.00	16.62 1.12 0.00	18.07 1.30 0.00	17.97 1.32 0.00	18.25 1.33 0.00	19.67 1.39 0.00	24.97 1.74 0.00	24.64 1.86 0.00	30.88 2.23 0.00	28.48 1.93 0.00	22.31 1.61 0.00	21.35 1.62 0.00	22.15 1.71 0.00	17.27 1.06 -1.11
HOMER_HL_115KV_TB2 355744	18.22 0.46 0.00	14.19 0.60 0.00	17.96 0.74 0.00	13.42 0.44 0.00	12.49 0.42 0.00	16.10 0.63 0.00	16.68 0.57 0.00	13.08 0.45 0.00	14.17 0.58 0.00	16.03 0.84 0.00	15.13 0.71 0.00	16.21 0.71 0.00	17.41 0.64 0.00	17.30 0.66 0.00	17.66 0.74 0.00	19.17 0.88 0.00	24.33 1.09 0.00	23.73 0.95 0.00	29.72 1.06 0.00	27.53 0.98 0.00	21.36 0.66 0.00	20.20 0.47 0.00	21.00 0.56 0.00	15.84 0.52 -0.22
HOWARD_WT_PWR 323690	18.09 0.34 0.00	14.06 0.46 0.00	17.76 0.54 0.00	13.31 0.33 0.00	12.38 0.31 0.00	15.92 0.44 0.00	16.44 0.33 0.00	12.82 0.19 0.00	13.85 0.26 0.00	15.69 0.51 0.00	14.75 0.33 0.00	15.90 0.41 0.00	17.13 0.37 0.00	17.05 0.41 0.00	17.44 0.52 0.00	18.98 0.69 0.00	24.10 0.85 0.00	23.54 0.75 0.00	29.53 0.88 0.00	27.37 0.82 0.00	21.15 0.45 0.00	20.02 0.29 0.00	20.72 0.28 0.00	15.67 0.33 -0.24
HQ_GEN_CEDARS 23644	17.56 -0.20 0.00	13.42 -0.18 0.00	17.01 -0.21 0.00	12.81 -0.17 0.00	11.92 -0.15 0.00	15.32 -0.16 0.00	15.95 -0.16 0.00	12.51 -0.11 0.00	13.48 -0.11 0.00	15.03 -0.15 0.00	14.25 -0.17 0.00	15.28 -0.21 0.00	16.51 -0.26 0.00	16.37 -0.27 0.00	16.64 -0.28 0.00	17.99 -0.30 0.00	22.88 -0.36 0.00	22.36 -0.43 0.00	28.12 -0.53 0.00	26.09 -0.46 0.00	20.36 -0.34 0.00	19.47 -0.27 0.00	20.17 -0.27 0.00	14.84 -0.28 -0.03
HQ_GEN_CEDARS_PROXY 323590	17.56 -0.20 0.00	13.42 -0.18 0.00	17.01 -0.21 0.00	12.81 -0.17 0.00	11.92 -0.15 0.00	15.32 -0.16 0.00	15.95 -0.16 0.00	12.51 -0.11 0.00	13.48 -0.11 0.00	15.03 -0.15 0.00	14.25 -0.17 0.00	15.28 -0.21 0.00	16.50 -0.26 0.00	16.37 -0.27 0.00	16.64 -0.28 0.00	17.99 -0.30 0.00	26.94 -4.05 0.00	22.36 -0.43 0.00	28.12 -0.53 0.00	26.09 -0.46 0.00	20.36 -0.34 0.00	19.46 -0.27 0.00	21.52 -0.27 -1.34	14.84 -0.28 -0.03
HQ_GEN_IMPORT 323601	17.53 -0.22 0.00	13.41 -0.19 0.00	17.00 -0.23 0.00	12.81 -0.18 0.00	11.90 -0.16 0.00	15.28 -0.19 0.00	15.91 -0.20 0.00	12.48 -0.14 0.00	13.44 -0.15 0.00	15.00 -0.19 0.00	14.24 -0.18 0.00	15.29 -0.21 0.00	16.51 -0.25 0.00	16.39 -0.25 0.00	16.66 -0.26 0.00	18.01 -0.28 0.00	22.89 -0.35 0.00	22.36 -0.43 0.00	28.12 -0.53 0.00	24.61 -0.48 1.47	20.33 -0.37 0.00	17.71 -0.33 1.70	22.78 -0.31 -2.65	14.87 -0.23 0.00
HQ_GEN_WHEEL 23651	17.53 -0.22 0.00	13.41 -0.19 0.00	17.00 -0.23 0.00	12.81 -0.18 0.00	11.90 -0.16 0.00	15.28 -0.19 0.00	15.91 -0.20 0.00	12.48 -0.14 0.00	13.44 -0.15 0.00	15.00 -0.19 0.00	14.24 -0.18 0.00	15.29 -0.21 0.00	16.51 -0.25 0.00	16.39 -0.25 0.00	16.66 -0.26 0.00	18.01 -0.28 0.00	22.89 -0.35 0.00	22.36 -0.43 0.00	28.12 -0.53 0.00	24.61 -0.48 1.47	20.33 -0.37 0.00	17.71 -0.33 1.70	22.78 -0.31 -2.65	14.87 -0.23 0.00
HUDSON_AVE_GT_3 23810	18.94 1.18 0.00	14.43 0.84 0.00	18.20 0.98 0.00	13.78 0.80 0.00	12.78 0.72 0.00	16.32 0.85 0.00	17.04 0.93 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.17 0.99 0.00	15.44 1.02 0.00	16.61 1.12 0.00	18.02 1.26 0.00	17.90 1.26 0.00	18.20 1.28 0.00	19.65 1.37 0.00	24.88 1.64 0.00	24.41 1.62 0.00	30.57 1.92 0.00	28.19 1.65 0.00	22.06 1.36 0.00	21.00 1.27 0.00	21.85 1.41 0.00	17.20 0.99 -1.11
HUDSON_AVE_GT_4 23540	18.94 1.18 0.00	14.43 0.84 0.00	18.20 0.98 0.00	13.78 0.80 0.00	12.78 0.72 0.00	16.32 0.85 0.00	17.04 0.93 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.17 0.99 0.00	15.44 1.02 0.00	16.61 1.12 0.00	18.02 1.26 0.00	17.90 1.26 0.00	18.20 1.28 0.00	19.65 1.37 0.00	24.88 1.64 0.00	24.41 1.62 0.00	30.57 1.92 0.00	28.19 1.65 0.00	22.06 1.36 0.00	21.00 1.27 0.00	21.85 1.41 0.00	17.20 0.99 -1.11
HUDSON_AVE_GT_5 23657	18.94 1.18 0.00	14.43 0.84 0.00	18.20 0.98 0.00	13.78 0.80 0.00	12.78 0.72 0.00	16.32 0.85 0.00	17.04 0.93 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.17 0.99 0.00	15.44 1.02 0.00	16.61 1.12 0.00	18.02 1.26 0.00	17.90 1.26 0.00	18.20 1.28 0.00	19.65 1.37 0.00	24.88 1.64 0.00	24.41 1.62 0.00	30.57 1.92 0.00	28.19 1.65 0.00	22.06 1.36 0.00	21.00 1.27 0.00	21.85 1.41 0.00	17.20 0.99 -1.11

HUDSON_AVE_10 24168	18.92 1.16 0.00	14.43 0.83 0.00	18.19 0.97 0.00	13.78 0.79 0.00	12.78 0.71 0.00	16.32 0.84 0.00	17.04 0.93 0.00	13.40 0.78 0.00	14.47 0.88 0.00	16.14 0.96 0.00	15.39 0.97 0.00	16.56 1.06 0.00	17.97 1.21 0.00	17.85 1.21 0.00	18.14 1.23 0.00	19.60 1.31 0.00	24.78 1.55 0.00	24.33 1.54 0.00	30.47 1.81 0.00	28.10 1.55 0.00	22.00 1.30 0.00	20.95 1.22 0.00	21.80 1.36 0.00	17.15 0.94 -1.11
HUDSON___115KV_TB 4 355613	18.46 0.71 0.00	14.12 0.53 0.00	17.88 0.66 0.00	13.54 0.55 0.00	12.57 0.50 0.00	16.05 0.58 0.00	16.72 0.61 0.00	13.10 0.48 0.00	14.02 0.43 0.00	15.58 0.40 0.00	14.80 0.38 0.00	15.89 0.40 0.00	17.25 0.49 0.00	17.14 0.50 0.00	17.43 0.52 0.00	18.86 0.57 0.00	24.07 0.82 0.00	23.77 0.98 0.00	30.00 1.34 0.00	27.81 1.27 0.00	21.67 0.98 0.00	20.66 0.93 0.00	21.32 0.88 0.00	17.06 0.60 -1.37
HUNTER MOUNT___DRP 323613	18.53 0.78 0.00	14.18 0.58 0.00	17.95 0.73 0.00	13.59 0.61 0.00	12.62 0.56 0.00	16.13 0.66 0.00	16.80 0.69 0.00	13.15 0.52 0.00	14.05 0.46 0.00	15.60 0.42 0.00	14.81 0.39 0.00	15.90 0.41 0.00	17.26 0.50 0.00	17.17 0.53 0.00	17.46 0.54 0.00	18.89 0.61 0.00	24.14 0.90 0.00	23.87 1.08 0.00	30.17 1.51 0.00	28.00 1.45 0.00	21.83 1.13 0.00	20.80 1.07 0.00	21.44 0.99 0.00	17.07 0.66 -1.32
HUNTINGTON_RES_REC 323705	18.81 1.06 0.00	14.32 0.73 0.00	18.12 0.90 0.00	13.67 0.68 0.00	12.67 0.61 0.00	16.15 0.67 0.00	16.92 0.81 0.00	13.28 0.66 0.00	14.23 0.65 0.00	16.00 0.82 0.00	15.43 1.01 0.00	16.56 1.06 0.00	18.00 1.24 0.00	17.91 1.27 0.00	18.19 1.27 0.00	19.60 1.32 0.00	24.87 1.63 0.00	24.53 1.74 0.00	30.74 2.08 0.00	28.33 1.79 0.00	22.18 1.48 0.00	21.20 1.47 0.00	22.00 1.56 0.00	17.18 0.98 -1.11
HUNTLEY___63 23557	17.74 -0.02 0.00	13.82 0.22 0.00	17.47 0.25 0.00	13.10 0.11 0.00	12.20 0.13 0.00	15.79 0.32 0.00	16.30 0.18 0.00	12.72 0.10 0.00	13.76 0.17 0.00	15.50 0.32 0.00	14.59 0.17 0.00	15.63 0.13 0.00	16.89 0.12 0.00	16.77 0.13 0.00	17.06 0.14 0.00	18.48 0.20 0.00	23.42 0.18 0.00	22.88 0.09 0.00	28.56 -0.09 0.00	26.57 0.02 0.00	20.62 -0.08 0.00	19.52 -0.21 0.00	20.22 -0.23 0.00	15.35 0.07 -0.18
HUNTLEY___64 23558	17.74 -0.02 0.00	13.82 0.22 0.00	17.47 0.25 0.00	13.10 0.11 0.00	12.20 0.13 0.00	15.79 0.32 0.00	16.30 0.18 0.00	12.72 0.10 0.00	13.76 0.17 0.00	15.50 0.32 0.00	14.59 0.17 0.00	15.63 0.13 0.00	16.89 0.12 0.00	16.77 0.13 0.00	17.06 0.14 0.00	18.48 0.20 0.00	23.42 0.18 0.00	22.88 0.09 0.00	28.56 -0.09 0.00	26.57 0.02 0.00	20.62 -0.08 0.00	19.52 -0.21 0.00	20.22 -0.23 0.00	15.35 0.07 -0.18
HUNTLEY___65 23559	17.74 -0.02 0.00	13.82 0.22 0.00	17.47 0.25 0.00	13.10 0.11 0.00	12.20 0.13 0.00	15.79 0.32 0.00	16.30 0.18 0.00	12.72 0.10 0.00	13.76 0.17 0.00	15.50 0.32 0.00	14.59 0.17 0.00	15.63 0.13 0.00	16.89 0.12 0.00	16.77 0.13 0.00	17.06 0.14 0.00	18.48 0.20 0.00	23.42 0.18 0.00	22.88 0.09 0.00	28.56 -0.09 0.00	26.57 0.02 0.00	20.62 -0.08 0.00	19.52 -0.21 0.00	20.22 -0.23 0.00	15.35 0.07 -0.18
HUNTLEY___66 23560	17.74 -0.02 0.00	13.82 0.22 0.00	17.47 0.25 0.00	13.10 0.11 0.00	12.20 0.13 0.00	15.79 0.32 0.00	16.30 0.18 0.00	12.72 0.10 0.00	13.76 0.17 0.00	15.50 0.32 0.00	14.59 0.17 0.00	15.63 0.13 0.00	16.89 0.12 0.00	16.77 0.13 0.00	17.06 0.14 0.00	18.48 0.20 0.00	23.42 0.18 0.00	22.88 0.09 0.00	28.56 -0.09 0.00	26.57 0.02 0.00	20.62 -0.08 0.00	19.52 -0.21 0.00	20.22 -0.23 0.00	15.35 0.07 -0.18
HUNTLEY___67 23561	17.62 -0.13 0.00	13.72 0.13 0.00	17.36 0.14 0.00	13.02 0.03 0.00	12.12 0.06 0.00	15.68 0.21 0.00	16.20 0.09 0.00	12.65 0.03 0.00	13.69 0.10 0.00	15.42 0.24 0.00	14.52 0.10 0.00	15.57 0.07 0.00	16.83 0.06 0.00	16.71 0.07 0.00	16.99 0.08 0.00	18.41 0.13 0.00	23.30 0.06 0.00	22.77 -0.02 0.00	28.43 -0.22 0.00	26.43 -0.12 0.00	20.52 -0.18 0.00	19.43 -0.31 0.00	20.12 -0.32 0.00	15.28 -0.01 -0.19
HUNTLEY___68 23562	17.62 -0.13 0.00	13.72 0.13 0.00	17.36 0.14 0.00	13.02 0.03 0.00	12.12 0.06 0.00	15.68 0.21 0.00	16.20 0.09 0.00	12.65 0.03 0.00	13.69 0.10 0.00	15.42 0.24 0.00	14.52 0.10 0.00	15.57 0.07 0.00	16.83 0.06 0.00	16.71 0.07 0.00	16.99 0.08 0.00	18.41 0.13 0.00	23.30 0.06 0.00	22.77 -0.02 0.00	28.43 -0.22 0.00	26.43 -0.12 0.00	20.52 -0.18 0.00	19.43 -0.31 0.00	20.12 -0.32 0.00	15.28 -0.01 -0.19
HYLAND___LFGE 323620	18.52 0.76 0.00	14.28 0.68 0.00	18.04 0.82 0.00	13.55 0.56 0.00	12.61 0.54 0.00	16.26 0.78 0.00	16.82 0.71 0.00	13.01 0.39 0.00	13.82 0.22 0.00	15.57 0.39 0.00	14.75 0.33 0.00	15.85 0.36 0.00	17.12 0.36 0.00	17.00 0.36 0.00	17.32 0.40 0.00	18.80 0.52 0.00	23.85 0.61 0.00	23.38 0.59 0.00	29.37 0.72 0.00	27.69 1.14 0.00	21.87 1.18 0.00	20.82 1.09 0.00	21.48 1.03 0.00	16.07 0.77 -0.20
INDECK___CORINTH 23802	19.22 1.46 0.00	14.69 1.10 0.00	18.56 1.34 0.00	14.01 1.03 0.00	13.01 0.95 0.00	16.68 1.20 0.00	17.37 1.26 0.00	13.55 0.93 0.00	14.58 0.99 0.00	16.22 1.03 0.00	15.33 0.91 0.00	16.48 0.99 0.00	17.90 1.14 0.00	17.64 0.99 0.00	17.93 1.02 0.00	19.39 1.11 0.00	24.92 1.68 0.00	24.64 1.85 0.00	31.27 2.62 0.00	28.96 2.41 0.00	22.56 1.86 0.00	21.49 1.76 0.00	22.15 1.71 0.00	17.75 1.19 -1.46
INDECK___ILION 23567	17.81 0.05 0.00	13.64 0.04 0.00	17.28 0.06 0.00	13.05 0.07 0.00	12.14 0.07 0.00	15.53 0.06 0.00	16.18 0.07 0.00	12.64 0.02 0.00	13.58 -0.01 0.00	15.14 -0.04 0.00	14.35 -0.07 0.00	15.43 -0.06 0.00	16.74 -0.03 0.00	16.62 -0.02 0.00	16.90 -0.01 0.00	18.28 0.00 0.00	23.28 0.03 0.00	22.93 0.14 0.00	28.87 0.22 0.00	26.75 0.20 0.00	20.83 0.13 0.00	19.84 0.10 0.00	20.50 0.05 0.00	15.11 0.01 0.00
INDECK___OLEAN 23982	18.23 0.47 0.00	14.19 0.60 0.00	17.96 0.74 0.00	13.42 0.44 0.00	12.49 0.42 0.00	16.10 0.63 0.00	16.68 0.57 0.00	13.08 0.45 0.00	14.17 0.58 0.00	16.03 0.85 0.00	15.13 0.71 0.00	16.21 0.71 0.00	17.41 0.64 0.00	17.30 0.66 0.00	17.66 0.74 0.00	19.17 0.89 0.00	24.33 1.08 0.00	23.73 0.94 0.00	29.72 1.06 0.00	27.53 0.98 0.00	21.36 0.66 0.00	20.20 0.47 0.00	21.00 0.56 0.00	15.84 0.53 -0.22
INDECK___OSWEGO 23783	17.50 -0.25 0.00	13.44 -0.16 0.00	17.01 -0.21 0.00	12.82 -0.16 0.00	11.92 -0.14 0.00	15.30 -0.17 0.00	15.91 -0.20 0.00	12.45 -0.17 0.00	13.40 -0.19 0.00	15.00 -0.19 0.00	14.22 -0.20 0.00	15.28 -0.21 0.00	16.53 -0.24 0.00	16.40 -0.24 0.00	16.68 -0.24 0.00	18.02 -0.26 0.00	22.90 -0.34 0.00	22.50 -0.29 0.00	28.32 -0.34 0.00	26.27 -0.28 0.00	20.50 -0.19 0.00	19.53 -0.20 0.00	20.20 -0.24 0.00	15.05 -0.15 -0.09

INDECK___YERKES 23781	17.76 0.01 0.00	13.83 0.23 0.00	17.49 0.27 0.00	13.11 0.13 0.00	12.21 0.15 0.00	15.81 0.33 0.00	16.31 0.20 0.00	12.74 0.11 0.00	13.77 0.18 0.00	15.52 0.34 0.00	14.60 0.18 0.00	15.64 0.14 0.00	16.90 0.14 0.00	16.78 0.14 0.00	17.07 0.15 0.00	18.50 0.22 0.00	23.44 0.20 0.00	22.90 0.11 0.00	28.59 -0.07 0.00	26.58 0.03 0.00	20.63 -0.07 0.00	19.54 -0.19 0.00	20.24 -0.21 0.00	15.37 0.09 -0.18
INDIAN POINT_GT_1 24139	18.75 0.99 0.00	14.29 0.70 0.00	18.03 0.81 0.00	13.64 0.66 0.00	12.65 0.58 0.00	16.16 0.69 0.00	16.87 0.76 0.00	13.26 0.63 0.00	14.31 0.72 0.00	16.00 0.82 0.00	15.28 0.86 0.00	16.43 0.94 0.00	17.84 1.07 0.00	17.72 1.08 0.00	18.03 1.11 0.00	19.47 1.19 0.00	24.66 1.42 0.00	24.24 1.45 0.00	30.39 1.73 0.00	28.03 1.48 0.00	21.91 1.21 0.00	20.85 1.12 0.00	21.67 1.23 0.00	17.05 0.86 -1.09
INDIAN POINT_GT_2 23659	18.75 0.99 0.00	14.29 0.70 0.00	18.03 0.81 0.00	13.64 0.66 0.00	12.65 0.58 0.00	16.16 0.69 0.00	16.87 0.76 0.00	13.26 0.63 0.00	14.31 0.72 0.00	16.00 0.82 0.00	15.28 0.86 0.00	16.43 0.94 0.00	17.84 1.07 0.00	17.72 1.08 0.00	18.03 1.11 0.00	19.47 1.19 0.00	24.66 1.42 0.00	24.24 1.45 0.00	30.39 1.73 0.00	28.03 1.48 0.00	21.91 1.21 0.00	20.85 1.12 0.00	21.67 1.23 0.00	17.05 0.86 -1.09
INDIAN POINT_GT_3 24019	18.75 0.99 0.00	14.29 0.70 0.00	18.03 0.81 0.00	13.64 0.66 0.00	12.65 0.58 0.00	16.16 0.69 0.00	16.87 0.76 0.00	13.26 0.63 0.00	14.31 0.72 0.00	16.00 0.82 0.00	15.28 0.86 0.00	16.43 0.94 0.00	17.84 1.07 0.00	17.72 1.08 0.00	18.03 1.11 0.00	19.47 1.19 0.00	24.66 1.42 0.00	24.24 1.45 0.00	30.39 1.73 0.00	28.03 1.48 0.00	21.91 1.21 0.00	20.85 1.12 0.00	21.67 1.23 0.00	17.05 0.86 -1.09
INDIAN POINT___2 23530	18.73 0.97 0.00	14.27 0.68 0.00	18.01 0.79 0.00	13.63 0.64 0.00	12.64 0.57 0.00	16.14 0.67 0.00	16.85 0.74 0.00	13.24 0.61 0.00	14.29 0.70 0.00	15.99 0.80 0.00	15.26 0.84 0.00	16.42 0.93 0.00	17.82 1.06 0.00	17.71 1.07 0.00	18.01 1.09 0.00	19.45 1.17 0.00	24.64 1.40 0.00	24.22 1.43 0.00	30.36 1.70 0.00	28.01 1.46 0.00	21.89 1.19 0.00	20.83 1.10 0.00	21.65 1.21 0.00	17.02 0.84 -1.08
INDIAN POINT___3 23531	18.73 0.98 0.00	14.28 0.68 0.00	18.02 0.80 0.00	13.64 0.65 0.00	12.65 0.58 0.00	16.16 0.68 0.00	16.86 0.75 0.00	13.24 0.62 0.00	14.30 0.71 0.00	15.99 0.81 0.00	15.26 0.84 0.00	16.42 0.93 0.00	17.83 1.06 0.00	17.70 1.07 0.00	18.01 1.09 0.00	19.45 1.17 0.00	24.64 1.39 0.00	24.22 1.43 0.00	30.36 1.70 0.00	28.01 1.46 0.00	21.89 1.19 0.00	20.83 1.10 0.00	21.65 1.21 0.00	17.04 0.84 -1.09
INGHAM_C_115KV_TB7 356103	17.74 -0.02 0.00	13.58 -0.02 0.00	17.23 0.01 0.00	13.04 0.06 0.00	12.14 0.07 0.00	15.49 0.02 0.00	16.15 0.04 0.00	12.58 -0.05 0.00	13.46 -0.13 0.00	14.98 -0.20 0.00	14.14 -0.28 0.00	15.22 -0.27 0.00	16.57 -0.19 0.00	16.46 -0.19 0.00	16.75 -0.17 0.00	18.13 -0.16 0.00	23.14 -0.09 0.00	22.87 0.08 0.00	28.85 0.19 0.00	26.73 0.18 0.00	20.77 0.07 0.00	19.76 0.03 0.00	20.37 -0.07 0.00	14.99 -0.11 0.00
IP CORINTH___1 23988	19.22 1.46 0.00	14.69 1.10 0.00	18.56 1.34 0.00	14.01 1.03 0.00	13.01 0.95 0.00	16.67 1.20 0.00	17.37 1.26 0.00	13.55 0.93 0.00	14.58 1.00 0.00	16.22 1.04 0.00	15.33 0.91 0.00	16.48 0.99 0.00	17.90 1.14 0.00	17.64 0.99 0.00	17.93 1.02 0.00	19.40 1.11 0.00	24.92 1.68 0.00	24.64 1.85 0.00	31.28 2.62 0.00	28.96 2.41 0.00	22.56 1.86 0.00	21.49 1.76 0.00	22.16 1.71 0.00	17.75 1.19 -1.46
IP___TICONDEROGA 23804	20.25 2.50 0.00	15.53 1.94 0.00	19.49 2.27 0.00	14.71 1.73 0.00	13.65 1.58 0.00	17.53 2.06 0.00	18.26 2.15 0.00	14.15 1.53 0.00	15.26 1.67 0.00	16.87 1.69 0.00	16.04 1.62 0.00	17.25 1.76 0.00	18.77 2.00 0.00	18.49 1.85 0.00	18.78 1.86 0.00	20.29 2.01 0.00	26.03 2.79 0.00	25.78 2.99 0.00	32.69 4.03 0.00	30.24 3.69 0.00	23.59 2.89 0.00	22.45 2.71 0.00	23.10 2.66 0.00	18.51 1.95 -1.46
ISLIP_RES_REC 323679	18.97 1.21 0.00	14.43 0.84 0.00	18.29 1.07 0.00	13.78 0.80 0.00	12.78 0.71 0.00	16.27 0.80 0.00	17.08 0.97 0.00	13.40 0.78 0.00	14.32 0.74 0.00	16.11 0.93 0.00	15.55 1.13 0.00	16.67 1.18 0.00	18.13 1.36 0.00	18.03 1.39 0.00	18.32 1.40 0.00	19.74 1.46 0.00	25.08 1.84 0.00	24.75 1.96 0.00	31.03 2.37 0.00	28.61 2.07 0.00	22.41 1.71 0.00	21.44 1.71 0.00	22.24 1.80 0.00	17.32 1.11 -1.11
JAMAICA__27_KV_LOAD 355505	19.09 1.33 0.00	14.57 0.98 0.00	18.36 1.14 0.00	13.91 0.92 0.00	12.90 0.83 0.00	16.47 1.00 0.00	17.21 1.10 0.00	13.53 0.91 0.00	14.62 1.03 0.00	16.24 1.05 0.00	15.43 1.01 0.00	16.60 1.10 0.00	18.01 1.24 0.00	17.90 1.26 0.00	18.18 1.27 0.00	19.65 1.36 0.00	24.82 1.58 0.00	24.36 1.57 0.00	30.54 1.89 0.00	28.16 1.62 0.00	22.07 1.38 0.00	21.04 1.31 0.00	21.90 1.45 0.00	17.19 0.98 -1.11
JANIS___SOLAR 323808	18.51 0.75 0.00	14.22 0.63 0.00	17.98 0.76 0.00	13.51 0.53 0.00	12.58 0.52 0.00	16.17 0.70 0.00	16.82 0.71 0.00	13.11 0.48 0.00	14.04 0.45 0.00	15.63 0.45 0.00	14.74 0.32 0.00	15.83 0.34 0.00	17.12 0.35 0.00	16.99 0.35 0.00	17.30 0.38 0.00	18.82 0.54 0.00	24.13 0.89 0.00	23.80 1.02 0.00	30.31 1.66 0.00	28.26 1.71 0.00	22.04 1.34 0.00	20.91 1.18 0.00	21.56 1.12 0.00	16.13 0.72 -0.30
JARVIS____ 23743	17.80 0.05 0.00	13.64 0.04 0.00	17.27 0.05 0.00	13.02 0.04 0.00	12.10 0.04 0.00	15.52 0.05 0.00	16.16 0.05 0.00	12.65 0.03 0.00	13.62 0.03 0.00	15.21 0.03 0.00	14.45 0.03 0.00	15.53 0.03 0.00	16.81 0.05 0.00	16.69 0.05 0.00	16.96 0.05 0.00	18.33 0.04 0.00	23.30 0.07 0.00	22.88 0.09 0.00	28.77 0.11 0.00	26.65 0.11 0.00	20.78 0.08 0.00	19.79 0.06 0.00	20.50 0.06 0.00	15.14 0.04 0.00
JENNISON___1 23625	18.65 0.89 0.00	14.33 0.73 0.00	18.11 0.89 0.00	13.62 0.63 0.00	12.67 0.60 0.00	16.27 0.80 0.00	16.93 0.82 0.00	13.25 0.62 0.00	14.28 0.69 0.00	15.93 0.74 0.00	15.07 0.64 0.00	16.19 0.70 0.00	17.51 0.74 0.00	17.39 0.75 0.00	17.71 0.79 0.00	19.22 0.94 0.00	24.55 1.31 0.00	24.17 1.38 0.00	30.56 1.91 0.00	28.40 1.85 0.00	22.11 1.41 0.00	20.98 1.25 0.00	21.66 1.22 0.00	16.29 0.80 -0.38
JENNISON___2 23626	18.65 0.89 0.00	14.33 0.73 0.00	18.11 0.89 0.00	13.62 0.63 0.00	12.67 0.60 0.00	16.27 0.80 0.00	16.93 0.82 0.00	13.25 0.62 0.00	14.28 0.69 0.00	15.93 0.74 0.00	15.07 0.64 0.00	16.19 0.70 0.00	17.51 0.74 0.00	17.39 0.75 0.00	17.71 0.79 0.00	19.22 0.94 0.00	24.55 1.31 0.00	24.17 1.38 0.00	30.56 1.91 0.00	28.40 1.85 0.00	22.11 1.41 0.00	20.98 1.25 0.00	21.66 1.22 0.00	16.29 0.80 -0.38

JERICO_RISE_WT_PWR 323719	17.59 -0.17 0.00	13.27 -0.33 0.00	16.76 -0.46 0.00	12.62 -0.37 0.00	11.78 -0.29 0.00	15.15 -0.32 0.00	15.81 -0.30 0.00	12.49 -0.13 0.00	13.47 -0.12 0.00	15.05 -0.13 0.00	14.31 -0.11 0.00	15.33 -0.16 0.00	16.57 -0.19 0.00	16.42 -0.21 0.00	16.65 -0.27 0.00	18.02 -0.26 0.00	23.02 -0.22 0.00	22.54 -0.25 0.00	28.41 -0.24 0.00	26.38 -0.16 0.00	20.52 -0.18 0.00	19.51 -0.22 0.00	20.20 -0.24 0.00	14.82 -0.31 -0.02
KATONAH__115KV_46KV_TB4 355592	18.85 1.09 0.00	14.37 0.78 0.00	18.13 0.91 0.00	13.72 0.73 0.00	12.72 0.66 0.00	16.25 0.78 0.00	16.97 0.86 0.00	13.33 0.71 0.00	14.40 0.80 0.00	16.11 0.93 0.00	15.38 0.96 0.00	16.55 1.06 0.00	17.97 1.20 0.00	17.85 1.20 0.00	18.15 1.23 0.00	19.61 1.32 0.00	24.84 1.60 0.00	24.43 1.64 0.00	30.60 1.95 0.00	28.24 1.69 0.00	22.06 1.37 0.00	21.00 1.27 0.00	21.80 1.36 0.00	17.16 0.95 -1.12
KCE_NY_1 323755	18.89 1.13 0.00	14.45 0.85 0.00	18.31 1.08 0.00	13.83 0.84 0.00	12.84 0.78 0.00	16.44 0.96 0.00	17.13 1.02 0.00	13.37 0.75 0.00	14.38 0.79 0.00	16.00 0.82 0.00	15.16 0.74 0.00	16.31 0.82 0.00	17.76 0.99 0.00	17.55 0.91 0.00	17.84 0.92 0.00	19.30 1.02 0.00	24.67 1.43 0.00	24.35 1.56 0.00	30.74 2.09 0.00	28.45 1.90 0.00	22.16 1.46 0.00	21.11 1.38 0.00	21.82 1.38 0.00	17.49 0.94 -1.46
KCE_NY_6_ESR 323823	17.85 0.09 0.00	13.89 0.30 0.00	17.57 0.34 0.00	13.16 0.17 0.00	12.25 0.19 0.00	15.84 0.37 0.00	16.37 0.26 0.00	12.79 0.17 0.00	13.84 0.25 0.00	15.61 0.43 0.00	14.70 0.28 0.00	15.78 0.28 0.00	17.05 0.29 0.00	16.94 0.30 0.00	17.24 0.32 0.00	18.69 0.40 0.00	23.65 0.41 0.00	23.10 0.31 0.00	28.87 0.22 0.00	26.82 0.28 0.00	20.81 0.11 0.00	19.70 -0.03 0.00	20.40 -0.04 0.00	15.46 0.16 -0.19
KEDC_PORT_JEFF_GT2 24210	18.89 1.13 0.00	14.38 0.79 0.00	18.22 1.00 0.00	13.74 0.75 0.00	12.73 0.67 0.00	16.22 0.75 0.00	17.02 0.92 0.00	13.35 0.73 0.00	14.28 0.69 0.00	16.05 0.87 0.00	15.48 1.06 0.00	16.60 1.11 0.00	18.05 1.28 0.00	17.95 1.31 0.00	18.23 1.32 0.00	19.65 1.36 0.00	24.95 1.71 0.00	24.61 1.82 0.00	30.85 2.19 0.00	28.44 1.89 0.00	22.27 1.57 0.00	21.30 1.58 0.00	22.11 1.67 0.00	17.25 1.04 -1.11
KEDC_PORT_JEFF_GT3 24211	18.89 1.13 0.00	14.38 0.79 0.00	18.22 1.00 0.00	13.74 0.75 0.00	12.73 0.67 0.00	16.22 0.75 0.00	17.02 0.92 0.00	13.35 0.73 0.00	14.28 0.69 0.00	16.05 0.87 0.00	15.48 1.06 0.00	16.60 1.11 0.00	18.05 1.28 0.00	17.95 1.31 0.00	18.23 1.32 0.00	19.65 1.36 0.00	24.95 1.71 0.00	24.61 1.82 0.00	30.85 2.19 0.00	28.44 1.89 0.00	22.27 1.57 0.00	21.30 1.58 0.00	22.11 1.67 0.00	17.25 1.04 -1.11
KEDC_GLWD_GT4 24219	18.87 1.12 0.00	14.39 0.79 0.00	18.15 0.93 0.00	13.73 0.74 0.00	12.73 0.66 0.00	16.25 0.78 0.00	16.97 0.86 0.00	13.33 0.71 0.00	14.37 0.78 0.00	16.11 0.93 0.00	15.45 1.03 0.00	16.61 1.12 0.00	18.04 1.28 0.00	17.93 1.29 0.00	18.23 1.31 0.00	19.67 1.39 0.00	24.92 1.69 0.00	24.51 1.72 0.00	30.70 2.04 0.00	28.31 1.76 0.00	22.14 1.44 0.00	21.10 1.37 0.00	21.90 1.45 0.00	17.19 0.98 -1.11
KEDC_GLWD_GT5 24220	18.87 1.12 0.00	14.39 0.79 0.00	18.15 0.93 0.00	13.73 0.74 0.00	12.73 0.66 0.00	16.25 0.78 0.00	16.97 0.86 0.00	13.33 0.71 0.00	14.37 0.78 0.00	16.11 0.93 0.00	15.45 1.03 0.00	16.61 1.12 0.00	18.04 1.28 0.00	17.93 1.29 0.00	18.23 1.31 0.00	19.67 1.39 0.00	24.92 1.69 0.00	24.51 1.72 0.00	30.70 2.04 0.00	28.31 1.76 0.00	22.14 1.44 0.00	21.10 1.37 0.00	21.90 1.45 0.00	17.19 0.98 -1.11
KENSICO____ 23655	18.80 1.04 0.00	14.33 0.73 0.00	18.08 0.86 0.00	13.68 0.70 0.00	12.69 0.62 0.00	16.21 0.73 0.00	16.92 0.81 0.00	13.30 0.67 0.00	14.35 0.76 0.00	16.05 0.87 0.00	15.33 0.90 0.00	16.49 0.99 0.00	17.90 1.13 0.00	17.77 1.14 0.00	18.08 1.16 0.00	19.53 1.24 0.00	24.73 1.49 0.00	24.30 1.51 0.00	30.46 1.80 0.00	28.09 1.55 0.00	21.96 1.27 0.00	20.91 1.18 0.00	21.73 1.29 0.00	17.11 0.90 -1.10
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	18.84 1.09 0.00	14.36 0.76 0.00	18.10 0.88 0.00	13.67 0.68 0.00	12.67 0.60 0.00	16.20 0.72 0.00	16.91 0.80 0.00	13.28 0.66 0.00	14.34 0.76 0.00	16.02 0.84 0.00	15.26 0.84 0.00	16.42 0.92 0.00	17.80 1.04 0.00	17.55 0.91 0.00	17.86 0.94 0.00	19.32 1.04 0.00	24.52 1.28 0.00	24.18 1.39 0.00	30.40 1.74 0.00	28.06 1.52 0.00	21.96 1.26 0.00	21.02 1.29 0.00	21.80 1.35 0.00	17.08 0.95 -1.03
KIAC_JFK_GT1 23816	18.99 1.23 0.00	14.49 0.90 0.00	18.26 1.04 0.00	13.84 0.86 0.00	12.84 0.77 0.00	16.39 0.92 0.00	17.12 1.01 0.00	13.46 0.83 0.00	14.54 0.95 0.00	16.16 0.97 0.00	15.36 0.94 0.00	16.52 1.03 0.00	17.93 1.16 0.00	17.82 1.17 0.00	18.10 1.18 0.00	19.55 1.26 0.00	24.68 1.44 0.00	24.16 1.37 0.00	30.29 1.63 0.00	27.93 1.38 0.00	21.91 1.21 0.00	20.92 1.19 0.00	21.79 1.35 0.00	17.10 0.90 -1.11
KIAC_JFK_GT2 23817	18.99 1.23 0.00	14.49 0.90 0.00	18.26 1.04 0.00	13.84 0.86 0.00	12.84 0.77 0.00	16.39 0.92 0.00	17.12 1.01 0.00	13.46 0.83 0.00	14.54 0.95 0.00	16.16 0.97 0.00	15.36 0.94 0.00	16.52 1.03 0.00	17.93 1.16 0.00	17.82 1.17 0.00	18.10 1.18 0.00	19.55 1.26 0.00	24.68 1.44 0.00	24.16 1.37 0.00	30.29 1.63 0.00	27.93 1.38 0.00	21.91 1.21 0.00	20.92 1.19 0.00	21.79 1.35 0.00	17.10 0.90 -1.11
KIAC_JFK____ 323774	18.99 1.23 0.00	14.49 0.90 0.00	18.26 1.04 0.00	13.84 0.85 0.00	12.84 0.77 0.00	16.39 0.92 0.00	17.12 1.01 0.00	13.46 0.83 0.00	14.54 0.95 0.00	16.15 0.97 0.00	15.36 0.94 0.00	16.52 1.03 0.00	17.93 1.16 0.00	17.81 1.18 0.00	18.10 1.18 0.00	19.55 1.26 0.00	24.68 1.44 0.00	24.16 1.37 0.00	30.29 1.63 0.00	27.93 1.38 0.00	21.91 1.21 0.00	20.92 1.19 0.00	21.79 1.35 0.00	17.10 0.90 -1.11
KINTIGH____ 23543	17.53 -0.23 0.00	13.61 0.02 0.00	17.24 0.02 0.00	12.95 -0.03 0.00	12.06 0.00 0.00	15.59 0.12 0.00	16.11 0.00 0.00	12.60 -0.03 0.00	13.61 0.02 0.00	15.31 0.13 0.00	14.43 0.01 0.00	15.48 -0.01 0.00	16.73 -0.03 0.00	16.61 -0.03 0.00	16.89 -0.03 0.00	18.29 0.00 0.00	23.16 -0.08 0.00	22.67 -0.12 0.00	28.34 -0.32 0.00	26.35 -0.20 0.00	20.47 -0.22 0.00	19.40 -0.33 0.00	20.10 -0.34 0.00	15.20 -0.06 -0.16
KNTFSRNC_46_KV_46KV_LOAD 80397	17.85 0.10 0.00	13.46 -0.14 0.00	17.00 -0.22 0.00	12.80 -0.19 0.00	11.94 -0.13 0.00	15.35 -0.13 0.00	16.00 -0.11 0.00	12.65 0.03 0.00	13.64 0.06 0.00	15.24 0.05 0.00	14.48 0.06 0.00	15.51 0.01 0.00	16.77 0.01 0.00	16.63 -0.01 0.00	16.87 -0.05 0.00	18.25 -0.03 0.00	23.33 0.09 0.00	22.91 0.12 0.00	28.96 0.30 0.00	26.93 0.38 0.00	20.93 0.23 0.00	19.89 0.16 0.00	20.55 0.11 0.00	15.05 -0.07 -0.02

LACHUTE____HYDRO 323717	20.25 2.50 0.00	15.53 1.94 0.00	19.49 2.27 0.00	14.71 1.73 0.00	13.65 1.58 0.00	17.53 2.06 0.00	18.26 2.15 0.00	14.15 1.53 0.00	15.26 1.67 0.00	16.87 1.69 0.00	16.04 1.62 0.00	17.25 1.75 0.00	18.76 2.00 0.00	18.49 1.85 0.00	18.78 1.86 0.00	20.29 2.01 0.00	26.03 2.79 0.00	25.78 3.00 0.00	32.69 4.03 0.00	30.24 3.69 0.00	23.58 2.89 0.00	22.45 2.72 0.00	23.10 2.65 0.00	18.51 1.95 -1.46
LAWRNCV_115KV_TB1 80681	17.49 -0.26 0.00	13.37 -0.23 0.00	16.94 -0.28 0.00	12.76 -0.23 0.00	11.88 -0.19 0.00	15.27 -0.21 0.00	15.90 -0.21 0.00	12.46 -0.16 0.00	13.42 -0.17 0.00	14.96 -0.22 0.00	14.18 -0.24 0.00	15.20 -0.30 0.00	16.40 -0.36 0.00	16.26 -0.38 0.00	16.53 -0.39 0.00	17.88 -0.41 0.00	22.76 -0.48 0.00	22.25 -0.53 0.00	28.04 -0.62 0.00	26.05 -0.50 0.00	20.36 -0.34 0.00	19.52 -0.21 0.00	20.22 -0.22 0.00	14.87 -0.27 -0.03
LEDERLE____ 23769	18.79 1.04 0.00	14.32 0.73 0.00	18.08 0.85 0.00	13.67 0.69 0.00	12.68 0.61 0.00	16.20 0.73 0.00	16.92 0.81 0.00	13.29 0.67 0.00	14.35 0.76 0.00	16.06 0.88 0.00	15.32 0.90 0.00	16.49 0.99 0.00	17.90 1.13 0.00	17.78 1.14 0.00	18.10 1.18 0.00	19.56 1.27 0.00	24.78 1.54 0.00	24.35 1.56 0.00	30.53 1.87 0.00	28.16 1.62 0.00	22.00 1.30 0.00	20.92 1.18 0.00	21.74 1.29 0.00	17.07 0.91 -1.06
LIGHTHSE_115KV_TB6 355974	17.71 -0.04 0.00	13.61 0.02 0.00	17.24 0.02 0.00	13.01 0.02 0.00	12.10 0.04 0.00	15.53 0.06 0.00	16.13 0.02 0.00	12.59 -0.03 0.00	13.53 -0.06 0.00	15.12 -0.06 0.00	14.32 -0.09 0.00	15.37 -0.12 0.00	16.58 -0.18 0.00	16.45 -0.19 0.00	16.74 -0.18 0.00	18.10 -0.19 0.00	22.99 -0.25 0.00	22.61 -0.17 0.00	28.53 -0.12 0.00	26.56 0.01 0.00	20.84 0.14 0.00	19.92 0.19 0.00	20.60 0.16 0.00	15.29 0.10 -0.09
LINDEN COGEN____ 23786	18.82 1.07 0.00	14.34 0.75 0.00	18.09 0.87 0.00	13.70 0.72 0.00	12.70 0.64 0.00	16.22 0.75 0.00	16.93 0.82 0.00	13.32 0.70 0.00	14.40 0.81 0.00	16.08 0.90 0.00	15.34 0.92 0.00	16.51 1.01 0.00	17.91 1.14 0.00	17.77 1.13 0.00	18.07 1.15 0.00	19.52 1.23 0.00	24.70 1.46 0.00	24.25 1.46 0.00	30.36 1.71 0.00	28.01 1.46 0.00	21.92 1.22 0.00	20.87 1.14 0.00	21.71 1.27 0.00	17.11 0.91 -1.11
LINDHRST_69_KV_BK1 356055	18.96 1.20 0.00	14.44 0.84 0.00	18.25 1.03 0.00	13.77 0.79 0.00	12.77 0.70 0.00	16.28 0.81 0.00	17.04 0.93 0.00	13.38 0.76 0.00	14.35 0.76 0.00	16.14 0.96 0.00	15.52 1.10 0.00	16.65 1.16 0.00	18.10 1.34 0.00	18.01 1.37 0.00	18.29 1.37 0.00	19.70 1.41 0.00	24.98 1.74 0.00	24.65 1.86 0.00	30.86 2.20 0.00	28.46 1.91 0.00	22.30 1.60 0.00	21.33 1.60 0.00	22.13 1.69 0.00	17.29 1.09 -1.11
LIPA_MISC_IPP 23656	18.76 1.01 0.00	14.30 0.70 0.00	18.15 0.93 0.00	13.67 0.68 0.00	12.67 0.60 0.00	16.12 0.65 0.00	16.95 0.84 0.00	13.30 0.68 0.00	14.17 0.58 0.00	15.94 0.75 0.00	15.34 0.92 0.00	16.44 0.94 0.00	17.87 1.10 0.00	17.76 1.12 0.00	18.05 1.13 0.00	19.46 1.17 0.00	24.71 1.47 0.00	24.37 1.58 0.00	30.56 1.90 0.00	28.19 1.64 0.00	22.08 1.38 0.00	21.13 1.40 0.00	21.94 1.50 0.00	17.13 0.92 -1.11
LISF____SOLAR 323691	18.77 1.02 0.00	14.31 0.72 0.00	18.17 0.95 0.00	13.69 0.70 0.00	12.68 0.62 0.00	16.13 0.66 0.00	16.98 0.87 0.00	13.31 0.69 0.00	14.18 0.59 0.00	15.93 0.75 0.00	15.33 0.91 0.00	16.42 0.93 0.00	17.85 1.08 0.00	17.75 1.11 0.00	18.03 1.11 0.00	19.44 1.15 0.00	24.70 1.46 0.00	24.37 1.58 0.00	30.57 1.91 0.00	28.20 1.65 0.00	22.09 1.39 0.00	21.14 1.41 0.00	21.95 1.51 0.00	17.14 0.94 -1.11
LITTLE FALLS____HYD 24013	17.74 -0.02 0.00	13.58 -0.02 0.00	17.23 0.01 0.00	13.04 0.06 0.00	12.14 0.07 0.00	15.49 0.02 0.00	16.15 0.04 0.00	12.58 -0.05 0.00	13.46 -0.13 0.00	14.98 -0.20 0.00	14.14 -0.28 0.00	15.22 -0.27 0.00	16.57 -0.19 0.00	16.46 -0.19 0.00	16.75 -0.17 0.00	18.13 -0.16 0.00	23.14 -0.09 0.00	22.87 0.08 0.00	28.85 0.19 0.00	26.73 0.18 0.00	20.77 0.07 0.00	19.76 0.03 0.00	20.37 -0.07 0.00	14.99 -0.11 0.00
LITTLRIV_115KV_TB1 356100	17.65 -0.11 0.00	13.48 -0.11 0.00	17.09 -0.13 0.00	12.87 -0.12 0.00	11.98 -0.09 0.00	15.41 -0.07 0.00	16.03 -0.08 0.00	12.55 -0.07 0.00	13.52 -0.07 0.00	15.06 -0.12 0.00	14.27 -0.15 0.00	15.29 -0.21 0.00	16.51 -0.26 0.00	16.37 -0.27 0.00	16.64 -0.28 0.00	18.01 -0.27 0.00	22.93 -0.31 0.00	22.43 -0.36 0.00	28.25 -0.40 0.00	26.28 -0.27 0.00	20.57 -0.13 0.00	19.72 -0.01 0.00	20.40 -0.04 0.00	14.99 -0.14 -0.03
LI_NEWBRDGE____DRP 323616	18.70 0.94 0.00	14.25 0.65 0.00	18.00 0.78 0.00	13.60 0.61 0.00	12.61 0.54 0.00	16.08 0.61 0.00	16.82 0.71 0.00	13.20 0.58 0.00	14.19 0.60 0.00	15.94 0.76 0.00	15.31 0.88 0.00	16.43 0.94 0.00	17.86 1.09 0.00	17.75 1.11 0.00	18.03 1.12 0.00	19.44 1.15 0.00	24.63 1.39 0.00	24.25 1.46 0.00	30.37 1.71 0.00	28.00 1.45 0.00	21.91 1.22 0.00	20.94 1.21 0.00	21.74 1.30 0.00	17.05 0.85 -1.11
LOCKPORT_115KV_TB60_63_64 80432	17.55 -0.21 0.00	13.68 0.08 0.00	17.28 0.06 0.00	12.96 -0.03 0.00	12.08 0.01 0.00	15.63 0.16 0.00	16.11 0.01 0.00	12.58 -0.04 0.00	13.60 0.00 0.00	15.32 0.13 0.00	14.42 0.00 0.00	15.45 -0.05 0.00	16.70 -0.06 0.00	16.58 -0.06 0.00	16.86 -0.06 0.00	18.26 -0.03 0.00	23.18 -0.06 0.00	22.62 -0.17 0.00	28.24 -0.42 0.00	26.29 -0.25 0.00	20.43 -0.27 0.00	19.33 -0.40 0.00	20.02 -0.42 0.00	15.22 -0.06 -0.18
LOCKPORT____CC1 323769	17.56 -0.19 0.00	13.68 0.09 0.00	17.29 0.07 0.00	12.97 -0.01 0.00	12.08 0.01 0.00	15.65 0.17 0.00	16.13 0.02 0.00	12.59 -0.03 0.00	13.61 0.02 0.00	15.33 0.15 0.00	14.44 0.02 0.00	15.46 -0.03 0.00	16.72 -0.04 0.00	16.60 -0.04 0.00	16.88 -0.04 0.00	18.28 0.00 0.00	23.19 -0.05 0.00	22.63 -0.16 0.00	28.25 -0.41 0.00	26.30 -0.25 0.00	20.42 -0.28 0.00	19.34 -0.39 0.00	20.03 -0.41 0.00	15.22 -0.06 -0.18
LOCKPORT____CC2 323770	17.56 -0.19 0.00	13.68 0.09 0.00	17.29 0.07 0.00	12.97 -0.01 0.00	12.08 0.01 0.00	15.65 0.17 0.00	16.13 0.02 0.00	12.59 -0.03 0.00	13.61 0.02 0.00	15.33 0.15 0.00	14.44 0.02 0.00	15.46 -0.03 0.00	16.72 -0.04 0.00	16.60 -0.04 0.00	16.88 -0.04 0.00	18.28 0.00 0.00	23.19 -0.05 0.00	22.63 -0.16 0.00	28.25 -0.41 0.00	26.30 -0.25 0.00	20.42 -0.28 0.00	19.34 -0.39 0.00	20.03 -0.41 0.00	15.22 -0.06 -0.18
LOCKPORT____CC3 323771	17.56 -0.19 0.00	13.68 0.09 0.00	17.29 0.07 0.00	12.97 -0.01 0.00	12.08 0.01 0.00	15.65 0.17 0.00	16.13 0.02 0.00	12.59 -0.03 0.00	13.61 0.02 0.00	15.33 0.15 0.00	14.44 0.02 0.00	15.46 -0.03 0.00	16.72 -0.04 0.00	16.60 -0.04 0.00	16.88 -0.04 0.00	18.28 0.00 0.00	23.19 -0.05 0.00	22.63 -0.16 0.00	28.25 -0.41 0.00	26.30 -0.25 0.00	20.42 -0.28 0.00	19.34 -0.39 0.00	20.03 -0.41 0.00	15.22 -0.06 -0.18

LONG_LAKE_PHOENIX 24014	17.60 -0.15 0.00	13.51 -0.08 0.00	17.11 -0.11 0.00	12.89 -0.09 0.00	11.98 -0.08 0.00	15.38 -0.09 0.00	16.00 -0.12 0.00	12.52 -0.10 0.00	13.48 -0.11 0.00	15.09 -0.09 0.00	14.32 -0.10 0.00	15.38 -0.12 0.00	16.63 -0.14 0.00	16.51 -0.13 0.00	16.79 -0.12 0.00	18.15 -0.14 0.00	23.06 -0.18 0.00	22.67 -0.12 0.00	28.53 -0.12 0.00	26.46 -0.10 0.00	20.63 -0.06 0.00	19.64 -0.09 0.00	20.32 -0.12 0.00	15.14 -0.06 -0.09
LOVETT___3 23632	18.71 0.95 0.00	14.26 0.66 0.00	17.99 0.77 0.00	13.61 0.62 0.00	12.62 0.56 0.00	16.13 0.65 0.00	16.84 0.73 0.00	13.22 0.60 0.00	14.28 0.69 0.00	15.97 0.79 0.00	15.25 0.82 0.00	16.40 0.91 0.00	17.80 1.04 0.00	17.69 1.05 0.00	18.00 1.08 0.00	19.44 1.16 0.00	24.63 1.38 0.00	24.20 1.41 0.00	30.35 1.69 0.00	28.00 1.45 0.00	21.87 1.17 0.00	20.81 1.08 0.00	21.63 1.19 0.00	17.00 0.83 -1.07
LOVETT___4 23642	18.71 0.95 0.00	14.26 0.66 0.00	17.99 0.77 0.00	13.61 0.62 0.00	12.62 0.56 0.00	16.13 0.65 0.00	16.84 0.73 0.00	13.22 0.60 0.00	14.28 0.69 0.00	15.97 0.79 0.00	15.25 0.82 0.00	16.40 0.91 0.00	17.80 1.04 0.00	17.69 1.05 0.00	18.00 1.08 0.00	19.44 1.16 0.00	24.63 1.38 0.00	24.20 1.41 0.00	30.35 1.69 0.00	28.00 1.45 0.00	21.87 1.17 0.00	20.81 1.08 0.00	21.63 1.19 0.00	17.00 0.83 -1.07
LOVETT___5 23593	18.71 0.95 0.00	14.26 0.66 0.00	17.99 0.77 0.00	13.61 0.62 0.00	12.62 0.56 0.00	16.13 0.65 0.00	16.84 0.73 0.00	13.22 0.60 0.00	14.28 0.69 0.00	15.97 0.79 0.00	15.25 0.82 0.00	16.40 0.91 0.00	17.80 1.04 0.00	17.69 1.05 0.00	18.00 1.08 0.00	19.44 1.16 0.00	24.63 1.38 0.00	24.20 1.41 0.00	30.35 1.69 0.00	28.00 1.45 0.00	21.87 1.17 0.00	20.81 1.08 0.00	21.63 1.19 0.00	17.00 0.83 -1.07
LOWER RAQUET___HYD 24057	17.48 -0.28 0.00	13.35 -0.25 0.00	16.92 -0.30 0.00	12.74 -0.24 0.00	11.86 -0.20 0.00	15.25 -0.22 0.00	15.88 -0.23 0.00	12.45 -0.18 0.00	13.40 -0.19 0.00	14.94 -0.24 0.00	14.15 -0.27 0.00	15.17 -0.32 0.00	16.37 -0.39 0.00	16.23 -0.41 0.00	16.50 -0.42 0.00	17.85 -0.44 0.00	22.72 -0.51 0.00	22.23 -0.56 0.00	28.00 -0.66 0.00	26.03 -0.51 0.00	20.36 -0.34 0.00	19.54 -0.20 0.00	20.24 -0.20 0.00	14.87 -0.26 -0.03
LOWER___HUDSON 24059	18.53 0.78 0.00	14.17 0.58 0.00	17.97 0.75 0.00	13.62 0.63 0.00	12.64 0.58 0.00	16.17 0.70 0.00	16.84 0.73 0.00	13.16 0.53 0.00	14.11 0.52 0.00	15.68 0.49 0.00	14.92 0.49 0.00	16.02 0.52 0.00	17.39 0.63 0.00	17.24 0.61 0.00	17.54 0.62 0.00	18.94 0.65 0.00	24.12 0.88 0.00	23.77 0.98 0.00	29.91 1.26 0.00	27.69 1.14 0.00	21.56 0.86 0.00	20.59 0.86 0.00	21.30 0.86 0.00	17.14 0.61 -1.43
LOWVILLE_115KV_TB2 356335	18.02 0.27 0.00	13.84 0.25 0.00	17.52 0.30 0.00	13.25 0.26 0.00	12.34 0.27 0.00	15.83 0.36 0.00	16.45 0.34 0.00	12.82 0.20 0.00	13.76 0.17 0.00	15.32 0.13 0.00	14.48 0.05 0.00	15.52 0.03 0.00	16.69 -0.07 0.00	16.50 -0.14 0.00	16.82 -0.10 0.00	18.18 -0.10 0.00	23.18 -0.06 0.00	22.89 0.10 0.00	28.95 0.29 0.00	27.06 0.51 0.00	21.28 0.59 0.00	20.39 0.66 0.00	21.09 0.64 0.00	15.55 0.40 -0.05
LUTHERFT_115KV_GLOB_FND_222 355753	18.90 1.14 0.00	14.45 0.86 0.00	18.29 1.07 0.00	13.83 0.85 0.00	12.85 0.78 0.00	16.44 0.97 0.00	17.13 1.02 0.00	13.38 0.76 0.00	14.38 0.79 0.00	15.99 0.81 0.00	15.18 0.76 0.00	16.31 0.82 0.00	17.73 0.96 0.00	17.55 0.90 0.00	17.84 0.92 0.00	19.30 1.01 0.00	24.64 1.40 0.00	24.32 1.53 0.00	30.70 2.04 0.00	28.42 1.88 0.00	22.14 1.44 0.00	21.10 1.37 0.00	21.79 1.35 0.00	17.50 0.94 -1.46
LUTHERNY_35_KV_BK2 355980	18.89 1.13 0.00	14.45 0.85 0.00	18.31 1.09 0.00	13.83 0.84 0.00	12.84 0.78 0.00	16.44 0.96 0.00	17.13 1.02 0.00	13.37 0.75 0.00	14.38 0.79 0.00	16.01 0.82 0.00	15.17 0.74 0.00	16.31 0.82 0.00	17.76 0.99 0.00	17.56 0.91 0.00	17.84 0.92 0.00	19.30 1.02 0.00	24.67 1.43 0.00	24.36 1.56 0.00	30.74 2.09 0.00	28.45 1.90 0.00	22.16 1.46 0.00	21.11 1.38 0.00	21.82 1.38 0.00	17.50 0.94 -1.46
LWR___OSWEGATCHIE_HYD 23850	17.72 -0.03 0.00	13.58 -0.02 0.00	17.20 -0.02 0.00	12.98 0.00 0.00	12.09 0.03 0.00	15.52 0.05 0.00	16.14 0.03 0.00	12.61 -0.02 0.00	13.55 -0.04 0.00	15.08 -0.10 0.00	14.28 -0.14 0.00	15.30 -0.19 0.00	16.48 -0.28 0.00	16.32 -0.33 0.00	16.61 -0.31 0.00	17.97 -0.32 0.00	22.89 -0.35 0.00	22.49 -0.30 0.00	28.40 -0.25 0.00	26.49 -0.06 0.00	20.80 0.10 0.00	19.96 0.23 0.00	20.67 0.22 0.00	15.21 0.07 -0.04
LYONS_FALL_HYD 23570	18.05 0.30 0.00	13.86 0.26 0.00	17.53 0.31 0.00	13.24 0.26 0.00	12.33 0.26 0.00	15.81 0.34 0.00	16.44 0.33 0.00	12.83 0.21 0.00	13.79 0.20 0.00	15.38 0.20 0.00	14.55 0.13 0.00	15.61 0.11 0.00	16.83 0.07 0.00	16.66 0.02 0.00	16.97 0.05 0.00	18.35 0.07 0.00	23.39 0.15 0.00	23.06 0.27 0.00	29.12 0.47 0.00	27.15 0.60 0.00	21.29 0.59 0.00	20.35 0.61 0.00	21.03 0.59 0.00	15.53 0.39 -0.04
MADISON___COUNTY_LFGE 323628	18.16 0.40 0.00	13.93 0.33 0.00	17.62 0.40 0.00	13.28 0.29 0.00	12.35 0.28 0.00	15.85 0.37 0.00	16.48 0.37 0.00	12.87 0.25 0.00	13.84 0.25 0.00	15.48 0.30 0.00	14.67 0.25 0.00	15.77 0.27 0.00	17.05 0.29 0.00	16.93 0.29 0.00	17.23 0.31 0.00	18.64 0.36 0.00	23.76 0.52 0.00	23.40 0.62 0.00	29.51 0.85 0.00	27.46 0.91 0.00	21.43 0.73 0.00	20.40 0.67 0.00	21.06 0.62 0.00	15.61 0.43 -0.07
MALONE___115KV_TB1 356076	17.72 -0.04 0.00	13.40 -0.20 0.00	16.94 -0.28 0.00	12.74 -0.24 0.00	11.90 -0.17 0.00	15.30 -0.17 0.00	15.95 -0.16 0.00	12.59 -0.03 0.00	13.59 0.00 0.00	15.19 0.01 0.00	14.42 0.00 0.00	15.45 -0.05 0.00	16.69 -0.07 0.00	16.54 -0.10 0.00	16.77 -0.15 0.00	18.16 -0.13 0.00	23.19 -0.05 0.00	22.70 -0.09 0.00	28.62 -0.04 0.00	26.59 0.04 0.00	20.70 0.00 0.00	19.72 -0.01 0.00	20.40 -0.04 0.00	14.96 -0.17 -0.03
MAPLEWOD_115KV_TB3 80458	18.52 0.77 0.00	14.17 0.57 0.00	17.93 0.71 0.00	13.58 0.60 0.00	12.61 0.54 0.00	16.11 0.64 0.00	16.78 0.67 0.00	13.14 0.51 0.00	14.10 0.51 0.00	15.67 0.49 0.00	14.92 0.49 0.00	16.03 0.54 0.00	17.40 0.64 0.00	17.28 0.64 0.00	17.57 0.65 0.00	18.99 0.71 0.00	24.21 0.97 0.00	23.88 1.09 0.00	30.06 1.41 0.00	27.83 1.28 0.00	21.66 0.96 0.00	20.66 0.93 0.00	21.36 0.92 0.00	17.16 0.64 -1.42
MAPLE RIDGE_WT_1 323574	17.62 -0.14 0.00	13.48 -0.12 0.00	17.04 -0.18 0.00	12.86 -0.13 0.00	11.95 -0.11 0.00	15.35 -0.13 0.00	16.00 -0.11 0.00	12.55 -0.08 0.00	13.51 -0.08 0.00	15.10 -0.08 0.00	14.34 -0.08 0.00	15.40 -0.09 0.00	16.65 -0.12 0.00	16.50 -0.14 0.00	16.75 -0.17 0.00	18.11 -0.18 0.00	23.03 -0.21 0.00	22.58 -0.21 0.00	28.38 -0.28 0.00	26.31 -0.24 0.00	20.50 -0.20 0.00	19.57 -0.17 0.00	20.30 -0.14 0.00	14.88 -0.22 0.00

MAPLE_RIDGE_WT_2 323611	17.62 -0.14 0.00	13.48 -0.12 0.00	17.04 -0.18 0.00	12.86 -0.13 0.00	11.95 -0.11 0.00	15.35 -0.13 0.00	16.00 -0.11 0.00	12.55 -0.08 0.00	13.51 -0.08 0.00	15.10 -0.08 0.00	14.34 -0.08 0.00	15.40 -0.09 0.00	16.65 -0.12 0.00	16.50 -0.14 0.00	16.75 -0.17 0.00	18.11 -0.18 0.00	23.03 -0.21 0.00	22.58 -0.21 0.00	28.38 -0.28 0.00	26.31 -0.24 0.00	20.50 -0.20 0.00	19.57 -0.17 0.00	20.30 -0.14 0.00	14.88 -0.22 0.00
MARBLE_RIVER_WT_PWR 323696	17.64 -0.12 0.00	13.30 -0.30 0.00	16.79 -0.43 0.00	12.63 -0.35 0.00	11.80 -0.26 0.00	15.17 -0.30 0.00	15.82 -0.28 0.00	12.52 -0.10 0.00	13.51 -0.08 0.00	15.10 -0.08 0.00	14.35 -0.07 0.00	15.38 -0.11 0.00	16.63 -0.14 0.00	16.48 -0.16 0.00	16.71 -0.21 0.00	18.08 -0.20 0.00	23.11 -0.13 0.00	22.64 -0.15 0.00	28.56 -0.09 0.00	26.53 -0.02 0.00	20.62 -0.07 0.00	19.60 -0.13 0.00	20.28 -0.16 0.00	14.88 -0.25 -0.02
MARSHVLE_115KV_TB1 80742	19.06 1.30 0.00	14.59 1.00 0.00	18.46 1.24 0.00	13.85 0.87 0.00	12.89 0.83 0.00	16.59 1.12 0.00	17.25 1.14 0.00	13.52 0.89 0.00	14.61 1.02 0.00	16.35 1.17 0.00	15.56 1.14 0.00	16.68 1.18 0.00	18.01 1.24 0.00	17.86 1.22 0.00	18.15 1.23 0.00	19.62 1.33 0.00	24.95 1.71 0.00	24.47 1.68 0.00	30.86 2.21 0.00	28.74 2.19 0.00	22.43 1.74 0.00	21.30 1.57 0.00	21.98 1.54 0.00	17.96 1.12 -1.74
MARSH_HILL_WT_PWR 323713	18.07 0.31 0.00	14.04 0.45 0.00	17.74 0.52 0.00	13.30 0.31 0.00	12.36 0.29 0.00	15.89 0.42 0.00	16.42 0.31 0.00	12.79 0.17 0.00	13.83 0.24 0.00	15.67 0.49 0.00	14.73 0.31 0.00	15.89 0.39 0.00	17.12 0.35 0.00	17.03 0.39 0.00	17.42 0.51 0.00	18.96 0.68 0.00	24.07 0.83 0.00	23.51 0.72 0.00	29.51 0.85 0.00	27.35 0.80 0.00	21.11 0.41 0.00	19.99 0.25 0.00	20.68 0.24 0.00	15.64 0.30 -0.24
MCINTYRE_115KV_TB2 80467	17.74 -0.01 0.00	13.56 -0.04 0.00	17.18 -0.04 0.00	12.93 -0.05 0.00	12.04 -0.03 0.00	15.48 0.01 0.00	16.12 0.00 0.00	12.60 -0.02 0.00	13.57 -0.02 0.00	15.13 -0.05 0.00	14.34 -0.07 0.00	15.38 -0.11 0.00	16.61 -0.16 0.00	16.48 -0.16 0.00	16.75 -0.17 0.00	18.13 -0.16 0.00	23.07 -0.17 0.00	22.55 -0.24 0.00	28.40 -0.26 0.00	26.42 -0.12 0.00	20.69 -0.01 0.00	19.80 0.07 0.00	20.48 0.03 0.00	15.03 -0.10 -0.03
MECO____69_KV_BK1 80468	19.56 1.80 0.00	15.00 1.40 0.00	18.96 1.74 0.00	14.25 1.26 0.00	13.25 1.18 0.00	17.02 1.55 0.00	17.72 1.61 0.00	13.83 1.21 0.00	14.87 1.28 0.00	16.49 1.31 0.00	15.53 1.11 0.00	16.61 1.12 0.00	17.95 1.18 0.00	17.82 1.18 0.00	18.10 1.19 0.00	19.58 1.29 0.00	25.08 1.83 0.00	24.81 2.02 0.00	31.52 2.87 0.00	29.41 2.85 0.00	23.01 2.31 0.00	21.83 2.10 0.00	22.46 2.02 0.00	18.29 1.54 -1.65
MENANDS__115KV_TB5 355628	18.25 0.49 0.00	13.96 0.37 0.00	17.68 0.45 0.00	13.41 0.42 0.00	12.45 0.38 0.00	15.89 0.41 0.00	16.56 0.45 0.00	12.98 0.36 0.00	13.92 0.33 0.00	15.48 0.30 0.00	14.74 0.31 0.00	15.83 0.34 0.00	17.19 0.43 0.00	17.07 0.43 0.00	17.35 0.43 0.00	18.74 0.46 0.00	23.86 0.63 0.00	23.49 0.70 0.00	29.55 0.89 0.00	27.33 0.78 0.00	21.27 0.58 0.00	20.32 0.58 0.00	21.01 0.57 0.00	16.91 0.39 -1.42
MG INDUSTRY__DRP 24185	18.29 0.54 0.00	14.01 0.41 0.00	17.75 0.53 0.00	13.43 0.45 0.00	12.48 0.41 0.00	15.95 0.48 0.00	16.61 0.50 0.00	13.01 0.39 0.00	13.95 0.36 0.00	15.53 0.34 0.00	14.76 0.34 0.00	15.86 0.37 0.00	17.20 0.44 0.00	17.08 0.44 0.00	17.36 0.45 0.00	18.77 0.48 0.00	23.89 0.65 0.00	23.51 0.72 0.00	29.58 0.92 0.00	27.39 0.84 0.00	21.32 0.63 0.00	20.35 0.62 0.00	21.05 0.61 0.00	16.92 0.43 -1.38
MID__OSWEGATCHIE_HYD 23849	17.72 -0.03 0.00	13.58 -0.02 0.00	17.20 -0.02 0.00	12.98 0.00 0.00	12.09 0.03 0.00	15.52 0.05 0.00	16.14 0.03 0.00	12.61 -0.02 0.00	13.55 -0.04 0.00	15.08 -0.10 0.00	14.28 -0.14 0.00	15.30 -0.19 0.00	16.48 -0.28 0.00	16.32 -0.33 0.00	16.61 -0.31 0.00	17.97 -0.32 0.00	22.89 -0.35 0.00	22.49 -0.30 0.00	28.40 -0.25 0.00	26.49 -0.06 0.00	20.80 0.10 0.00	19.96 0.23 0.00	20.67 0.22 0.00	15.21 0.07 -0.04
MID__RAQUETTE_HYD 23851	17.48 -0.28 0.00	13.35 -0.25 0.00	16.92 -0.30 0.00	12.74 -0.24 0.00	11.86 -0.20 0.00	15.25 -0.22 0.00	15.88 -0.23 0.00	12.45 -0.18 0.00	13.40 -0.19 0.00	14.94 -0.24 0.00	14.15 -0.27 0.00	15.17 -0.32 0.00	16.37 -0.39 0.00	16.23 -0.41 0.00	16.49 -0.42 0.00	17.85 -0.44 0.00	22.72 -0.51 0.00	22.23 -0.56 0.00	28.00 -0.66 0.00	26.04 -0.51 0.00	20.36 -0.34 0.00	19.54 -0.20 0.00	20.24 -0.20 0.00	14.87 -0.26 -0.03
MILLIKEN__1 23584	18.14 0.38 0.00	13.94 0.34 0.00	17.65 0.43 0.00	13.27 0.29 0.00	12.36 0.29 0.00	15.85 0.38 0.00	16.50 0.39 0.00	12.90 0.27 0.00	13.87 0.28 0.00	15.53 0.35 0.00	14.68 0.26 0.00	15.79 0.30 0.00	17.08 0.31 0.00	16.94 0.30 0.00	17.24 0.33 0.00	18.68 0.40 0.00	23.85 0.61 0.00	23.48 0.69 0.00	29.66 1.00 0.00	27.55 1.00 0.00	21.49 0.79 0.00	20.41 0.68 0.00	21.08 0.64 0.00	15.80 0.47 -0.23
MILLIKEN__2 23585	18.14 0.38 0.00	13.94 0.34 0.00	17.65 0.43 0.00	13.27 0.29 0.00	12.36 0.29 0.00	15.85 0.38 0.00	16.50 0.39 0.00	12.90 0.27 0.00	13.87 0.28 0.00	15.53 0.35 0.00	14.68 0.26 0.00	15.79 0.30 0.00	17.08 0.31 0.00	16.94 0.30 0.00	17.24 0.33 0.00	18.68 0.40 0.00	23.85 0.61 0.00	23.48 0.69 0.00	29.66 1.00 0.00	27.55 1.00 0.00	21.49 0.79 0.00	20.41 0.68 0.00	21.08 0.64 0.00	15.80 0.47 -0.23
MILLIKEN__DIESEL 23629	18.14 0.38 0.00	13.94 0.34 0.00	17.65 0.43 0.00	13.27 0.29 0.00	12.36 0.29 0.00	15.85 0.38 0.00	16.50 0.39 0.00	12.90 0.27 0.00	13.87 0.28 0.00	15.53 0.35 0.00	14.68 0.26 0.00	15.79 0.30 0.00	17.08 0.31 0.00	16.94 0.30 0.00	17.24 0.33 0.00	18.68 0.40 0.00	23.85 0.61 0.00	23.48 0.69 0.00	29.66 1.00 0.00	27.55 1.00 0.00	21.49 0.79 0.00	20.41 0.68 0.00	21.08 0.64 0.00	15.80 0.47 -0.23
MILLSEAT__LFGE 323607	17.71 -0.05 0.00	13.78 0.19 0.00	17.40 0.17 0.00	13.05 0.06 0.00	12.16 0.10 0.00	15.75 0.28 0.00	16.23 0.12 0.00	12.67 0.05 0.00	13.67 0.08 0.00	15.39 0.21 0.00	14.54 0.12 0.00	15.52 0.03 0.00	16.79 0.02 0.00	16.67 0.03 0.00	16.95 0.03 0.00	18.38 0.09 0.00	23.48 0.24 0.00	22.84 0.05 0.00	28.55 -0.10 0.00	26.65 0.10 0.00	20.70 0.00 0.00	19.61 -0.12 0.00	20.29 -0.15 0.00	15.39 0.11 -0.18
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	18.77 1.01 0.00	14.31 0.71 0.00	18.05 0.83 0.00	13.66 0.67 0.00	12.67 0.60 0.00	16.19 0.71 0.00	16.89 0.78 0.00	13.27 0.65 0.00	14.32 0.73 0.00	16.02 0.84 0.00	15.29 0.87 0.00	16.45 0.96 0.00	17.86 1.09 0.00	17.74 1.10 0.00	18.05 1.13 0.00	19.49 1.20 0.00	24.68 1.44 0.00	24.26 1.47 0.00	30.41 1.75 0.00	28.05 1.50 0.00	21.92 1.23 0.00	20.87 1.14 0.00	21.69 1.25 0.00	17.07 0.87 -1.10

MILLWOOD_13_KV_LOAD 356217	18.80 1.05 0.00	14.33 0.74 0.00	18.09 0.87 0.00	13.69 0.70 0.00	12.69 0.62 0.00	16.22 0.74 0.00	16.92 0.82 0.00	13.30 0.67 0.00	14.36 0.77 0.00	16.06 0.88 0.00	15.33 0.91 0.00	16.49 1.00 0.00	17.90 1.14 0.00	17.78 1.14 0.00	18.09 1.18 0.00	19.55 1.26 0.00	24.75 1.51 0.00	24.33 1.54 0.00	30.49 1.84 0.00	28.13 1.58 0.00	21.99 1.29 0.00	20.93 1.20 0.00	21.75 1.30 0.00	17.11 0.91 -1.10
MODEL_CITY_ENERGY 24167	17.40 -0.36 0.00	13.56 -0.03 0.00	17.12 -0.10 0.00	12.85 -0.14 0.00	11.97 -0.10 0.00	15.50 0.03 0.00	15.97 -0.14 0.00	12.46 -0.16 0.00	13.47 -0.12 0.00	15.18 -0.01 0.00	14.27 -0.15 0.00	15.30 -0.20 0.00	16.54 -0.22 0.00	16.42 -0.22 0.00	16.69 -0.23 0.00	18.08 -0.21 0.00	22.89 -0.35 0.00	22.36 -0.42 0.00	27.90 -0.76 0.00	25.98 -0.57 0.00	20.17 -0.53 0.00	19.11 -0.62 0.00	19.81 -0.63 0.00	15.07 -0.21 -0.18
MODERN_LFGE_ 323580	17.40 -0.36 0.00	13.56 -0.03 0.00	17.12 -0.10 0.00	12.85 -0.14 0.00	11.97 -0.10 0.00	15.50 0.03 0.00	15.97 -0.14 0.00	12.46 -0.16 0.00	13.47 -0.12 0.00	15.18 -0.01 0.00	14.27 -0.15 0.00	15.30 -0.20 0.00	16.54 -0.22 0.00	16.42 -0.22 0.00	16.69 -0.23 0.00	18.08 -0.21 0.00	22.89 -0.35 0.00	22.36 -0.42 0.00	27.90 -0.76 0.00	25.98 -0.57 0.00	20.17 -0.53 0.00	19.11 -0.62 0.00	19.81 -0.63 0.00	15.07 -0.21 -0.18
MOHAWK_PAPER___DRP 24187	18.52 0.77 0.00	14.17 0.57 0.00	17.93 0.71 0.00	13.58 0.60 0.00	12.61 0.54 0.00	16.11 0.64 0.00	16.78 0.67 0.00	13.14 0.51 0.00	14.10 0.51 0.00	15.67 0.49 0.00	14.92 0.49 0.00	16.03 0.54 0.00	17.40 0.64 0.00	17.28 0.64 0.00	17.57 0.65 0.00	18.99 0.71 0.00	24.21 0.97 0.00	23.88 1.09 0.00	30.06 1.41 0.00	27.83 1.28 0.00	21.66 0.96 0.00	20.66 0.93 0.00	21.36 0.92 0.00	17.16 0.64 -1.42
MOHICAN___35_KV_115KV_LD 80490	19.27 1.52 0.00	14.74 1.14 0.00	18.61 1.39 0.00	14.06 1.07 0.00	13.05 0.99 0.00	16.73 1.25 0.00	17.42 1.31 0.00	13.58 0.96 0.00	14.61 1.02 0.00	16.23 1.05 0.00	15.37 0.94 0.00	16.51 1.02 0.00	17.94 1.17 0.00	17.70 1.06 0.00	17.99 1.07 0.00	19.45 1.17 0.00	24.96 1.72 0.00	24.69 1.90 0.00	31.30 2.64 0.00	28.99 2.44 0.00	22.59 1.90 0.00	21.52 1.80 0.00	22.19 1.74 0.00	17.79 1.23 -1.46
MONGAUP___HYD 23641	18.75 0.99 0.00	14.31 0.71 0.00	18.06 0.84 0.00	13.64 0.66 0.00	12.65 0.59 0.00	16.18 0.71 0.00	16.88 0.77 0.00	13.23 0.61 0.00	14.24 0.65 0.00	15.87 0.69 0.00	15.05 0.63 0.00	16.15 0.65 0.00	17.52 0.75 0.00	17.38 0.74 0.00	17.69 0.78 0.00	19.13 0.84 0.00	24.30 1.06 0.00	23.80 1.01 0.00	29.74 1.09 0.00	27.59 1.04 0.00	21.84 1.14 0.00	20.89 1.16 0.00	21.64 1.20 0.00	16.96 0.85 -1.01
MONTAUK___DIESEL 23721	19.48 1.73 0.00	14.84 1.24 0.00	18.87 1.65 0.00	14.20 1.22 0.00	13.17 1.10 0.00	16.75 1.27 0.00	17.64 1.53 0.00	13.84 1.22 0.00	14.79 1.20 0.00	16.66 1.48 0.00	16.03 1.61 0.00	17.18 1.69 0.00	18.65 1.88 0.00	18.51 1.87 0.00	18.79 1.87 0.00	20.30 2.01 0.00	25.80 2.56 0.00	25.50 2.71 0.00	31.98 3.32 0.00	29.47 2.92 0.00	23.03 2.33 0.00	21.99 2.26 0.00	22.79 2.35 0.00	17.68 1.48 -1.11
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.02 0.27 0.00	14.03 0.43 0.00	17.80 0.58 0.00	13.35 0.37 0.00	12.43 0.36 0.00	16.06 0.58 0.00	16.67 0.56 0.00	13.05 0.43 0.00	14.14 0.55 0.00	16.08 0.89 0.00	15.17 0.75 0.00	16.31 0.82 0.00	17.57 0.80 0.00	17.46 0.81 0.00	17.78 0.86 0.00	19.27 0.99 0.00	24.35 1.11 0.00	23.72 0.93 0.00	29.80 1.15 0.00	27.52 0.97 0.00	21.29 0.60 0.00	20.08 0.34 0.00	20.83 0.38 0.00	15.65 0.35 -0.20
MORTIMER_115KV_TB3 55949	17.72 -0.04 0.00	13.69 0.09 0.00	17.33 0.11 0.00	13.03 0.05 0.00	12.13 0.06 0.00	15.64 0.17 0.00	16.20 0.08 0.00	12.66 0.04 0.00	13.66 0.07 0.00	15.35 0.16 0.00	14.50 0.08 0.00	15.60 0.11 0.00	16.89 0.12 0.00	16.76 0.12 0.00	17.05 0.13 0.00	18.46 0.18 0.00	23.38 0.14 0.00	22.97 0.19 0.00	28.83 0.18 0.00	26.81 0.26 0.00	20.86 0.17 0.00	19.78 0.05 0.00	20.45 0.00 0.00	15.35 0.11 -0.14
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.89 1.13 0.00	14.40 0.80 0.00	18.15 0.93 0.00	13.74 0.76 0.00	12.75 0.68 0.00	16.28 0.81 0.00	16.99 0.89 0.00	13.36 0.74 0.00	14.43 0.84 0.00	16.13 0.94 0.00	15.40 0.98 0.00	16.57 1.07 0.00	17.98 1.21 0.00	17.85 1.21 0.00	18.15 1.24 0.00	19.61 1.32 0.00	24.82 1.58 0.00	24.37 1.58 0.00	30.53 1.87 0.00	28.15 1.61 0.00	22.02 1.32 0.00	20.97 1.24 0.00	21.81 1.37 0.00	17.17 0.96 -1.11
MUNSVILLE_WIND_PWR 323609	18.97 1.22 0.00	14.59 0.99 0.00	18.41 1.19 0.00	13.83 0.85 0.00	12.90 0.84 0.00	16.60 1.13 0.00	17.27 1.16 0.00	13.45 0.82 0.00	14.44 0.85 0.00	16.07 0.89 0.00	15.15 0.73 0.00	16.28 0.78 0.00	17.59 0.82 0.00	17.47 0.83 0.00	17.79 0.87 0.00	19.36 1.07 0.00	24.79 1.55 0.00	24.48 1.69 0.00	31.13 2.47 0.00	29.09 2.54 0.00	22.65 1.95 0.00	21.45 1.72 0.00	22.08 1.64 0.00	16.41 0.97 -0.34
N SALMON___HYD 24042	17.72 -0.04 0.00	13.40 -0.20 0.00	16.94 -0.29 0.00	12.74 -0.24 0.00	11.90 -0.17 0.00	15.30 -0.17 0.00	15.95 -0.16 0.00	12.60 -0.03 0.00	13.59 0.00 0.00	15.19 0.01 0.00	14.42 0.00 0.00	15.45 -0.05 0.00	16.69 -0.07 0.00	16.54 -0.10 0.00	16.77 -0.15 0.00	18.16 -0.13 0.00	23.19 -0.05 0.00	22.70 -0.09 0.00	28.62 -0.04 0.00	26.59 0.04 0.00	20.70 0.00 0.00	19.72 -0.01 0.00	20.40 -0.04 0.00	14.96 -0.17 -0.03
N.AKRON___115KV_KNAPP 355671	17.71 -0.05 0.00	13.78 0.19 0.00	17.40 0.18 0.00	13.05 0.07 0.00	12.16 0.10 0.00	15.74 0.27 0.00	16.23 0.12 0.00	12.67 0.05 0.00	13.69 0.10 0.00	15.42 0.23 0.00	14.63 0.21 0.00	15.55 0.06 0.00	16.82 0.05 0.00	16.70 0.06 0.00	16.98 0.06 0.00	18.40 0.11 0.00	23.67 0.43 0.00	22.89 0.11 0.00	28.59 -0.07 0.00	26.66 0.11 0.00	20.71 0.01 0.00	19.62 -0.12 0.00	20.29 -0.15 0.00	15.39 0.11 -0.18
N.BELMOR_69_KV_BK1 55787	18.84 1.09 0.00	14.35 0.76 0.00	18.13 0.91 0.00	13.69 0.70 0.00	12.70 0.63 0.00	16.19 0.72 0.00	16.93 0.82 0.00	13.29 0.67 0.00	14.30 0.71 0.00	16.07 0.88 0.00	15.43 1.01 0.00	16.57 1.07 0.00	18.01 1.25 0.00	17.90 1.26 0.00	18.19 1.27 0.00	19.60 1.31 0.00	24.84 1.60 0.00	24.46 1.67 0.00	30.64 1.99 0.00	28.26 1.71 0.00	22.11 1.41 0.00	21.14 1.41 0.00	21.94 1.49 0.00	17.18 0.97 -1.11
N.E._GEN_SANDY PD 24062	18.51 0.76 0.00	14.14 0.55 0.00	17.91 0.69 0.00	13.76 0.60 -0.18	12.60 0.53 0.00	16.11 0.63 0.00	16.89 0.67 -0.10	13.13 0.51 0.00	14.12 0.53 0.00	15.70 0.52 0.00	14.96 0.54 0.00	16.07 0.57 0.00	17.45 0.68 0.00	17.31 0.67 0.00	17.60 0.69 0.00	19.00 0.71 0.00	24.10 0.86 0.00	23.75 0.96 0.00	29.81 1.16 0.00	26.09 1.00 1.47	21.32 0.78 0.16	20.06 0.78 0.46	23.91 0.81 -2.65	16.95 0.58 -1.27

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	18.73 0.98 0.00	14.28 0.68 0.00	18.02 0.80 0.00	13.63 0.64 0.00	12.64 0.57 0.00	16.15 0.67 0.00	16.86 0.75 0.00	13.24 0.62 0.00	14.30 0.71 0.00	16.00 0.82 0.00	15.27 0.84 0.00	16.43 0.93 0.00	17.83 1.07 0.00	17.72 1.08 0.00	18.03 1.11 0.00	19.49 1.20 0.00	24.68 1.44 0.00	24.26 1.47 0.00	30.42 1.76 0.00	28.05 1.50 0.00	21.91 1.21 0.00	20.84 1.11 0.00	21.66 1.22 0.00	17.02 0.85 -1.07
N.QUEENS_27_KV_LOAD 356247	18.88 1.12 0.00	14.38 0.79 0.00	18.10 0.88 0.00	13.73 0.74 0.00	12.73 0.66 0.00	16.25 0.78 0.00	16.97 0.87 0.00	13.37 0.74 0.00	14.43 0.84 0.00	16.12 0.94 0.00	15.40 0.97 0.00	16.59 1.09 0.00	18.04 1.27 0.00	17.90 1.26 0.00	18.18 1.26 0.00	19.63 1.35 0.00	24.84 1.60 0.00	24.38 1.59 0.00	30.48 1.82 0.00	28.16 1.61 0.00	22.06 1.36 0.00	21.00 1.27 0.00	21.86 1.42 0.00	17.21 1.00 -1.11
N.TROY___115KV_TB1 355778	18.53 0.78 0.00	14.18 0.58 0.00	17.97 0.75 0.00	13.62 0.63 0.00	12.64 0.58 0.00	16.17 0.70 0.00	16.84 0.73 0.00	13.16 0.53 0.00	14.11 0.52 0.00	15.68 0.50 0.00	14.92 0.49 0.00	16.01 0.52 0.00	17.39 0.63 0.00	17.24 0.61 0.00	17.54 0.62 0.00	18.94 0.65 0.00	24.12 0.88 0.00	23.77 0.98 0.00	29.91 1.26 0.00	27.69 1.14 0.00	21.56 0.86 0.00	20.59 0.86 0.00	21.31 0.86 0.00	17.14 0.61 -1.43
NARROWS_GT1_1 24228	19.00 1.24 0.00	14.48 0.88 0.00	18.25 1.03 0.00	13.82 0.83 0.00	12.81 0.75 0.00	16.37 0.89 0.00	17.09 0.98 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.18 1.00 0.00	15.45 1.03 0.00	16.63 1.14 0.00	18.06 1.30 0.00	17.93 1.29 0.00	18.23 1.32 0.00	19.69 1.40 0.00	24.92 1.68 0.00	24.48 1.69 0.00	30.60 1.95 0.00	28.28 1.73 0.00	22.12 1.43 0.00	21.06 1.33 0.00	21.91 1.47 0.00	17.24 1.03 -1.11
NARROWS_GT1_2 24229	19.00 1.24 0.00	14.48 0.88 0.00	18.25 1.03 0.00	13.82 0.83 0.00	12.81 0.75 0.00	16.37 0.89 0.00	17.09 0.98 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.18 1.00 0.00	15.45 1.03 0.00	16.63 1.14 0.00	18.06 1.30 0.00	17.93 1.29 0.00	18.23 1.32 0.00	19.69 1.40 0.00	24.92 1.68 0.00	24.48 1.69 0.00	30.60 1.95 0.00	28.28 1.73 0.00	22.12 1.43 0.00	21.06 1.33 0.00	21.91 1.47 0.00	17.24 1.03 -1.11
NARROWS_GT1_3 24230	19.00 1.24 0.00	14.48 0.88 0.00	18.25 1.03 0.00	13.82 0.83 0.00	12.81 0.75 0.00	16.37 0.89 0.00	17.09 0.98 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.18 1.00 0.00	15.45 1.03 0.00	16.63 1.14 0.00	18.06 1.30 0.00	17.93 1.29 0.00	18.23 1.32 0.00	19.69 1.40 0.00	24.92 1.68 0.00	24.48 1.69 0.00	30.60 1.95 0.00	28.28 1.73 0.00	22.12 1.43 0.00	21.06 1.33 0.00	21.91 1.47 0.00	17.24 1.03 -1.11
NARROWS_GT1_4 24231	19.00 1.24 0.00	14.48 0.88 0.00	18.25 1.03 0.00	13.82 0.83 0.00	12.81 0.75 0.00	16.37 0.89 0.00	17.09 0.98 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.18 1.00 0.00	15.45 1.03 0.00	16.63 1.14 0.00	18.06 1.30 0.00	17.93 1.29 0.00	18.23 1.32 0.00	19.69 1.40 0.00	24.92 1.68 0.00	24.48 1.69 0.00	30.60 1.95 0.00	28.28 1.73 0.00	22.12 1.43 0.00	21.06 1.33 0.00	21.91 1.47 0.00	17.24 1.03 -1.11
NARROWS_GT1_5 24232	19.00 1.24 0.00	14.48 0.88 0.00	18.25 1.03 0.00	13.82 0.83 0.00	12.81 0.75 0.00	16.37 0.89 0.00	17.09 0.98 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.18 1.00 0.00	15.45 1.03 0.00	16.63 1.14 0.00	18.06 1.30 0.00	17.93 1.29 0.00	18.23 1.32 0.00	19.69 1.40 0.00	24.92 1.68 0.00	24.48 1.69 0.00	30.60 1.95 0.00	28.28 1.73 0.00	22.12 1.43 0.00	21.06 1.33 0.00	21.91 1.47 0.00	17.24 1.03 -1.11
NARROWS_GT1_6 24233	19.00 1.24 0.00	14.48 0.88 0.00	18.25 1.03 0.00	13.82 0.83 0.00	12.81 0.75 0.00	16.37 0.89 0.00	17.09 0.98 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.18 1.00 0.00	15.45 1.03 0.00	16.63 1.14 0.00	18.06 1.30 0.00	17.93 1.29 0.00	18.23 1.32 0.00	19.69 1.40 0.00	24.92 1.68 0.00	24.48 1.69 0.00	30.60 1.95 0.00	28.28 1.73 0.00	22.12 1.43 0.00	21.06 1.33 0.00	21.91 1.47 0.00	17.24 1.03 -1.11
NARROWS_GT1_7 24234	19.00 1.24 0.00	14.48 0.88 0.00	18.25 1.03 0.00	13.82 0.83 0.00	12.81 0.75 0.00	16.37 0.89 0.00	17.09 0.98 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.18 1.00 0.00	15.45 1.03 0.00	16.63 1.14 0.00	18.06 1.30 0.00	17.93 1.29 0.00	18.23 1.32 0.00	19.69 1.40 0.00	24.92 1.68 0.00	24.48 1.69 0.00	30.60 1.95 0.00	28.28 1.73 0.00	22.12 1.43 0.00	21.06 1.33 0.00	21.91 1.47 0.00	17.24 1.03 -1.11
NARROWS_GT1_8 24235	19.00 1.24 0.00	14.48 0.88 0.00	18.25 1.03 0.00	13.82 0.83 0.00	12.81 0.75 0.00	16.37 0.89 0.00	17.09 0.98 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.18 1.00 0.00	15.45 1.03 0.00	16.63 1.14 0.00	18.06 1.30 0.00	17.93 1.29 0.00	18.23 1.32 0.00	19.69 1.40 0.00	24.92 1.68 0.00	24.48 1.69 0.00	30.60 1.95 0.00	28.28 1.73 0.00	22.12 1.43 0.00	21.06 1.33 0.00	21.91 1.47 0.00	17.24 1.03 -1.11
NARROWS_GT2_1 24236	19.00 1.24 0.00	14.48 0.88 0.00	18.25 1.03 0.00	13.82 0.83 0.00	12.81 0.75 0.00	16.37 0.89 0.00	17.09 0.98 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.18 1.00 0.00	15.45 1.03 0.00	16.63 1.14 0.00	18.06 1.30 0.00	17.93 1.29 0.00	18.23 1.32 0.00	19.69 1.40 0.00	24.92 1.68 0.00	24.48 1.69 0.00	30.60 1.95 0.00	28.28 1.73 0.00	22.12 1.43 0.00	21.06 1.33 0.00	21.91 1.47 0.00	17.24 1.03 -1.11
NARROWS_GT2_2 24237	19.00 1.24 0.00	14.48 0.88 0.00	18.25 1.03 0.00	13.82 0.83 0.00	12.81 0.75 0.00	16.37 0.89 0.00	17.09 0.98 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.18 1.00 0.00	15.45 1.03 0.00	16.63 1.14 0.00	18.06 1.30 0.00	17.93 1.29 0.00	18.23 1.32 0.00	19.69 1.40 0.00	24.92 1.68 0.00	24.48 1.69 0.00	30.60 1.95 0.00	28.28 1.73 0.00	22.12 1.43 0.00	21.06 1.33 0.00	21.91 1.47 0.00	17.24 1.03 -1.11
NARROWS_GT2_3 24238	19.00 1.24 0.00	14.48 0.88 0.00	18.25 1.03 0.00	13.82 0.83 0.00	12.81 0.75 0.00	16.37 0.89 0.00	17.09 0.98 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.18 1.00 0.00	15.45 1.03 0.00	16.63 1.14 0.00	18.06 1.30 0.00	17.93 1.29 0.00	18.23 1.32 0.00	19.69 1.40 0.00	24.92 1.68 0.00	24.48 1.69 0.00	30.60 1.95 0.00	28.28 1.73 0.00	22.12 1.43 0.00	21.06 1.33 0.00	21.91 1.47 0.00	17.24 1.03 -1.11
NARROWS_GT2_4 24239	19.00 1.24 0.00	14.48 0.88 0.00	18.25 1.03 0.00	13.82 0.83 0.00	12.81 0.75 0.00	16.37 0.89 0.00	17.09 0.98 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.18 1.00 0.00	15.45 1.03 0.00	16.63 1.14 0.00	18.06 1.30 0.00	17.93 1.29 0.00	18.23 1.32 0.00	19.69 1.40 0.00	24.92 1.68 0.00	24.48 1.69 0.00	30.60 1.95 0.00	28.28 1.73 0.00	22.12 1.43 0.00	21.06 1.33 0.00	21.91 1.47 0.00	17.24 1.03 -1.11

NARROWS_GT2_5 24240	19.00 1.24 0.00	14.48 0.88 0.00	18.25 1.03 0.00	13.82 0.83 0.00	12.81 0.75 0.00	16.37 0.89 0.00	17.09 0.98 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.18 1.00 0.00	15.45 1.03 0.00	16.63 1.14 0.00	18.06 1.30 0.00	17.93 1.29 0.00	18.23 1.32 0.00	19.69 1.40 0.00	24.92 1.68 0.00	24.48 1.69 0.00	30.60 1.95 0.00	28.28 1.73 0.00	22.12 1.43 0.00	21.06 1.33 0.00	21.91 1.47 0.00	17.24 1.03 -1.11
NARROWS_GT2_6 24241	19.00 1.24 0.00	14.48 0.88 0.00	18.25 1.03 0.00	13.82 0.83 0.00	12.81 0.75 0.00	16.37 0.89 0.00	17.09 0.98 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.18 1.00 0.00	15.45 1.03 0.00	16.63 1.14 0.00	18.06 1.30 0.00	17.93 1.29 0.00	18.23 1.32 0.00	19.69 1.40 0.00	24.92 1.68 0.00	24.48 1.69 0.00	30.60 1.95 0.00	28.28 1.73 0.00	22.12 1.43 0.00	21.06 1.33 0.00	21.91 1.47 0.00	17.24 1.03 -1.11
NARROWS_GT2_7 24242	19.00 1.24 0.00	14.48 0.88 0.00	18.25 1.03 0.00	13.82 0.83 0.00	12.81 0.75 0.00	16.37 0.89 0.00	17.09 0.98 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.18 1.00 0.00	15.45 1.03 0.00	16.63 1.14 0.00	18.06 1.30 0.00	17.93 1.29 0.00	18.23 1.32 0.00	19.69 1.40 0.00	24.92 1.68 0.00	24.48 1.69 0.00	30.60 1.95 0.00	28.28 1.73 0.00	22.12 1.43 0.00	21.06 1.33 0.00	21.91 1.47 0.00	17.24 1.03 -1.11
NARROWS_GT2_8 24243	19.00 1.24 0.00	14.48 0.88 0.00	18.25 1.03 0.00	13.82 0.83 0.00	12.81 0.75 0.00	16.37 0.89 0.00	17.09 0.98 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.18 1.00 0.00	15.45 1.03 0.00	16.63 1.14 0.00	18.06 1.30 0.00	17.93 1.29 0.00	18.23 1.32 0.00	19.69 1.40 0.00	24.92 1.68 0.00	24.48 1.69 0.00	30.60 1.95 0.00	28.28 1.73 0.00	22.12 1.43 0.00	21.06 1.33 0.00	21.91 1.47 0.00	17.24 1.03 -1.11
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.53 0.78 0.00	14.18 0.58 0.00	17.95 0.73 0.00	13.59 0.61 0.00	12.62 0.56 0.00	16.13 0.66 0.00	16.80 0.69 0.00	13.15 0.52 0.00	14.05 0.46 0.00	15.60 0.42 0.00	14.81 0.39 0.00	15.90 0.41 0.00	17.26 0.50 0.00	17.17 0.53 0.00	17.46 0.54 0.00	18.89 0.61 0.00	24.14 0.90 0.00	23.87 1.08 0.00	30.17 1.51 0.00	28.00 1.45 0.00	21.83 1.13 0.00	20.80 1.07 0.00	21.44 0.99 0.00	17.07 0.66 -1.32
NCHELSEA_115KV_TR2 355582	18.89 1.14 0.00	14.40 0.81 0.00	18.17 0.95 0.00	13.74 0.76 0.00	12.74 0.68 0.00	16.29 0.82 0.00	16.99 0.88 0.00	13.34 0.72 0.00	14.40 0.81 0.00	16.11 0.93 0.00	15.37 0.94 0.00	16.54 1.04 0.00	17.95 1.18 0.00	17.83 1.19 0.00	18.15 1.23 0.00	19.63 1.34 0.00	24.89 1.65 0.00	24.50 1.71 0.00	30.73 2.07 0.00	28.35 1.80 0.00	22.13 1.43 0.00	21.06 1.33 0.00	21.84 1.40 0.00	17.18 0.97 -1.10
NEG CAPITAL___MECHNVIL 23645	18.88 1.13 0.00	14.44 0.84 0.00	18.27 1.05 0.00	13.82 0.84 0.00	12.84 0.77 0.00	16.43 0.96 0.00	17.12 1.01 0.00	13.36 0.74 0.00	14.37 0.77 0.00	15.97 0.79 0.00	15.18 0.75 0.00	16.31 0.81 0.00	17.71 0.95 0.00	17.55 0.91 0.00	17.85 0.94 0.00	19.30 1.01 0.00	24.64 1.40 0.00	24.33 1.54 0.00	30.70 2.05 0.00	28.43 1.88 0.00	22.13 1.44 0.00	21.10 1.37 0.00	21.78 1.34 0.00	17.48 0.93 -1.45
NEG CENTRAL_HIGH_ACRES 23767	17.45 -0.30 0.00	13.47 -0.13 0.00	17.05 -0.18 0.00	12.82 -0.16 0.00	11.93 -0.13 0.00	15.38 -0.10 0.00	15.94 -0.17 0.00	12.47 -0.16 0.00	13.45 -0.14 0.00	15.10 -0.08 0.00	14.27 -0.15 0.00	15.34 -0.15 0.00	16.61 -0.15 0.00	16.49 -0.15 0.00	16.77 -0.15 0.00	18.16 -0.13 0.00	23.03 -0.21 0.00	22.66 -0.13 0.00	28.46 -0.20 0.00	26.43 -0.12 0.00	20.57 -0.13 0.00	19.51 -0.22 0.00	20.15 -0.29 0.00	15.11 -0.13 -0.14
NEG CENTRAL___DRP 24199	17.92 0.16 0.00	13.80 0.21 0.00	17.47 0.25 0.00	13.13 0.15 0.00	12.22 0.16 0.00	15.70 0.23 0.00	16.33 0.22 0.00	12.76 0.14 0.00	13.74 0.16 0.00	15.43 0.24 0.00	14.59 0.17 0.00	15.70 0.20 0.00	16.97 0.20 0.00	16.84 0.20 0.00	17.15 0.23 0.00	18.58 0.29 0.00	23.63 0.40 0.00	23.25 0.46 0.00	29.25 0.60 0.00	27.17 0.62 0.00	21.18 0.48 0.00	20.09 0.36 0.00	20.75 0.31 0.00	15.51 0.26 -0.15
NEG CENTRAL___INDECK 23768	18.32 0.56 0.00	14.16 0.56 0.00	17.89 0.67 0.00	13.44 0.45 0.00	12.50 0.43 0.00	16.13 0.65 0.00	16.68 0.57 0.00	12.95 0.32 0.00	13.87 0.28 0.00	15.63 0.45 0.00	14.76 0.34 0.00	15.87 0.37 0.00	17.14 0.37 0.00	17.03 0.38 0.00	17.35 0.43 0.00	18.83 0.55 0.00	23.87 0.63 0.00	23.39 0.60 0.00	29.38 0.72 0.00	27.52 0.97 0.00	21.56 0.86 0.00	20.47 0.74 0.00	21.12 0.68 0.00	15.88 0.58 -0.20
NEG CENTRAL___SENECA 23627	17.99 0.24 0.00	13.90 0.30 0.00	17.57 0.35 0.00	13.20 0.22 0.00	12.29 0.22 0.00	15.80 0.33 0.00	16.41 0.30 0.00	12.83 0.21 0.00	13.82 0.23 0.00	15.52 0.34 0.00	14.65 0.23 0.00	15.76 0.27 0.00	17.02 0.26 0.00	16.91 0.26 0.00	17.23 0.31 0.00	18.68 0.40 0.00	23.75 0.51 0.00	23.37 0.58 0.00	29.39 0.74 0.00	27.34 0.79 0.00	21.28 0.59 0.00	20.17 0.44 0.00	20.82 0.38 0.00	15.60 0.33 -0.17
NEG CENTRAL___STATE_STREET 24147	17.99 0.23 0.00	13.79 0.20 0.00	17.52 0.30 0.00	13.15 0.17 0.00	12.26 0.19 0.00	15.72 0.24 0.00	16.38 0.27 0.00	12.79 0.17 0.00	13.80 0.21 0.00	15.51 0.33 0.00	14.71 0.29 0.00	15.85 0.35 0.00	17.15 0.39 0.00	16.98 0.34 0.00	17.26 0.35 0.00	18.68 0.40 0.00	23.88 0.64 0.00	23.47 0.68 0.00	29.57 0.91 0.00	27.38 0.83 0.00	21.36 0.67 0.00	20.30 0.57 0.00	20.99 0.55 0.00	15.61 0.36 -0.15
NEG MILLWOOD___DRP 24198	18.92 1.16 0.00	14.42 0.83 0.00	18.20 0.98 0.00	13.76 0.78 0.00	12.76 0.70 0.00	16.31 0.83 0.00	17.02 0.91 0.00	13.37 0.75 0.00	14.44 0.85 0.00	16.15 0.97 0.00	15.42 1.00 0.00	16.59 1.10 0.00	18.01 1.25 0.00	17.90 1.26 0.00	18.21 1.29 0.00	19.69 1.40 0.00	24.96 1.71 0.00	24.56 1.77 0.00	30.78 2.13 0.00	28.39 1.84 0.00	22.18 1.48 0.00	21.11 1.38 0.00	21.89 1.44 0.00	17.22 1.00 -1.12
NEG NORTH_FLCN_SEA 23793	17.85 0.10 0.00	13.46 -0.14 0.00	17.00 -0.22 0.00	12.81 -0.18 0.00	11.94 -0.12 0.00	15.35 -0.12 0.00	16.00 -0.11 0.00	12.65 0.03 0.00	13.66 0.07 0.00	15.25 0.07 0.00	14.51 0.08 0.00	15.54 0.05 0.00	16.81 0.05 0.00	16.66 0.02 0.00	16.90 -0.02 0.00	18.29 0.01 0.00	23.38 0.14 0.00	22.94 0.15 0.00	28.97 0.31 0.00	26.93 0.38 0.00	20.91 0.22 0.00	19.88 0.15 0.00	20.56 0.11 0.00	15.05 -0.07 -0.02
NEG NORTH_KES_CHATEGAY 23792	17.63 -0.12 0.00	13.30 -0.30 0.00	16.81 -0.41 0.00	12.65 -0.34 0.00	11.81 -0.25 0.00	15.19 -0.28 0.00	15.84 -0.27 0.00	12.51 -0.11 0.00	13.50 -0.09 0.00	15.09 -0.10 0.00	14.33 -0.09 0.00	15.35 -0.14 0.00	16.59 -0.17 0.00	16.45 -0.19 0.00	16.67 -0.25 0.00	18.05 -0.24 0.00	23.06 -0.18 0.00	22.58 -0.21 0.00	28.49 -0.17 0.00	26.46 -0.09 0.00	20.58 -0.12 0.00	19.56 -0.17 0.00	20.26 -0.18 0.00	14.86 -0.27 -0.02

NEG NORTH___ALICE_FALLS 23915	17.85 0.10 0.00	13.46 -0.14 0.00	17.00 -0.22 0.00	12.80 -0.19 0.00	11.94 -0.13 0.00	15.35 -0.13 0.00	16.00 -0.11 0.00	12.65 0.03 0.00	13.64 0.06 0.00	15.24 0.05 0.00	14.48 0.06 0.00	15.51 0.01 0.00	16.77 0.01 0.00	16.63 -0.01 0.00	16.87 -0.05 0.00	18.25 -0.03 0.00	23.33 0.09 0.00	22.91 0.12 0.00	28.96 0.30 0.00	26.93 0.38 0.00	20.93 0.23 0.00	19.89 0.16 0.00	20.55 0.11 0.00	15.05 -0.07 -0.02
NEG NORTH___LWR_SARANAC 23913	17.85 0.10 0.00	13.46 -0.14 0.00	17.00 -0.22 0.00	12.80 -0.19 0.00	11.94 -0.13 0.00	15.35 -0.13 0.00	16.00 -0.11 0.00	12.65 0.03 0.00	13.64 0.06 0.00	15.24 0.05 0.00	14.48 0.06 0.00	15.51 0.01 0.00	16.77 0.01 0.00	16.63 -0.01 0.00	16.87 -0.05 0.00	18.25 -0.03 0.00	23.33 0.09 0.00	22.91 0.12 0.00	28.96 0.30 0.00	26.93 0.38 0.00	20.93 0.23 0.00	19.89 0.16 0.00	20.55 0.11 0.00	15.05 -0.07 -0.02
NEG NORTH___PLATTSBURG 23628	17.85 0.10 0.00	13.46 -0.14 0.00	17.00 -0.23 0.00	12.80 -0.19 0.00	11.94 -0.13 0.00	15.35 -0.13 0.00	16.00 -0.11 0.00	12.65 0.03 0.00	13.64 0.06 0.00	15.23 0.05 0.00	14.48 0.05 0.00	15.51 0.01 0.00	16.77 0.01 0.00	16.63 -0.01 0.00	16.87 -0.05 0.00	18.25 -0.03 0.00	23.33 0.09 0.00	22.91 0.12 0.00	28.96 0.30 0.00	26.93 0.38 0.00	20.93 0.23 0.00	19.89 0.16 0.00	20.55 0.11 0.00	15.05 -0.07 -0.02
NEG WEST_LEA_LOCKPORT 23791	17.56 -0.20 0.00	13.68 0.09 0.00	17.29 0.07 0.00	12.97 -0.02 0.00	12.08 0.01 0.00	15.64 0.17 0.00	16.13 0.02 0.00	12.59 -0.03 0.00	13.61 0.02 0.00	15.33 0.15 0.00	14.44 0.02 0.00	15.46 -0.03 0.00	16.72 -0.05 0.00	16.60 -0.04 0.00	16.88 -0.04 0.00	18.28 -0.01 0.00	23.19 -0.05 0.00	22.63 -0.16 0.00	28.25 -0.41 0.00	26.30 -0.25 0.00	20.43 -0.27 0.00	19.33 -0.40 0.00	20.03 -0.41 0.00	15.22 -0.06 -0.18
NEG WEST___LANCASTR 23811	17.93 0.17 0.00	13.95 0.36 0.00	17.65 0.43 0.00	13.18 0.19 0.00	12.25 0.19 0.00	15.83 0.36 0.00	16.38 0.27 0.00	12.81 0.19 0.00	13.86 0.27 0.00	15.64 0.46 0.00	14.74 0.32 0.00	15.81 0.31 0.00	17.07 0.30 0.00	16.96 0.32 0.00	17.27 0.35 0.00	18.73 0.45 0.00	23.74 0.50 0.00	23.20 0.41 0.00	29.01 0.35 0.00	26.92 0.37 0.00	20.90 0.20 0.00	19.77 0.04 0.00	20.50 0.06 0.00	15.51 0.21 -0.20
NEG_PENN_ALLEGHNY 23528	18.11 0.36 0.00	13.95 0.35 0.00	17.64 0.41 0.00	13.26 0.28 0.00	12.32 0.26 0.00	15.82 0.34 0.00	16.46 0.35 0.00	12.89 0.27 0.00	13.90 0.31 0.00	15.61 0.42 0.00	14.80 0.37 0.00	15.91 0.42 0.00	17.19 0.43 0.00	17.08 0.44 0.00	17.41 0.49 0.00	18.87 0.58 0.00	23.98 0.74 0.00	23.53 0.74 0.00	29.60 0.94 0.00	27.40 0.85 0.00	21.32 0.62 0.00	20.25 0.52 0.00	20.97 0.53 0.00	15.86 0.39 -0.36
NEG___GEN_MONROE 24207	17.89 0.13 0.00	13.86 0.26 0.00	17.56 0.34 0.00	13.21 0.22 0.00	12.29 0.22 0.00	15.87 0.39 0.00	16.44 0.33 0.00	12.80 0.18 0.00	13.80 0.21 0.00	15.46 0.28 0.00	14.58 0.16 0.00	15.68 0.18 0.00	16.94 0.18 0.00	16.81 0.17 0.00	17.08 0.16 0.00	18.49 0.20 0.00	23.41 0.17 0.00	23.01 0.23 0.00	28.90 0.24 0.00	26.92 0.37 0.00	20.96 0.27 0.00	19.88 0.15 0.00	20.54 0.09 0.00	15.45 0.21 -0.14
NEPA___ENERGY 23901	17.97 0.21 0.00	13.98 0.39 0.00	17.67 0.44 0.00	13.23 0.25 0.00	12.32 0.25 0.00	15.88 0.41 0.00	16.49 0.38 0.00	12.89 0.27 0.00	13.95 0.36 0.00	15.84 0.66 0.00	14.95 0.53 0.00	16.09 0.60 0.00	17.32 0.56 0.00	17.22 0.58 0.00	17.56 0.64 0.00	19.06 0.78 0.00	24.14 0.90 0.00	23.57 0.78 0.00	29.52 0.86 0.00	27.30 0.75 0.00	21.17 0.47 0.00	19.99 0.26 0.00	20.77 0.33 0.00	15.64 0.33 -0.21
NEVERSINK___HYD 23608	18.47 0.71 0.00	14.07 0.48 0.00	17.75 0.53 0.00	13.41 0.42 0.00	12.43 0.36 0.00	15.89 0.42 0.00	16.59 0.48 0.00	13.03 0.41 0.00	14.07 0.48 0.00	15.77 0.59 0.00	15.03 0.61 0.00	16.17 0.68 0.00	17.48 0.72 0.00	16.92 0.28 0.00	17.22 0.30 0.00	18.63 0.34 0.00	23.64 0.40 0.00	23.31 0.52 0.00	29.33 0.67 0.00	27.09 0.54 0.00	21.25 0.56 0.00	20.67 0.94 0.00	21.40 0.96 0.00	16.75 0.66 -0.99
NEWKRMKL_115KV_TB1 55635	18.17 0.41 0.00	13.91 0.31 0.00	17.59 0.37 0.00	13.34 0.36 0.00	12.40 0.33 0.00	15.80 0.33 0.00	16.47 0.36 0.00	12.93 0.30 0.00	13.87 0.28 0.00	15.43 0.25 0.00	14.67 0.25 0.00	15.76 0.27 0.00	17.12 0.36 0.00	16.99 0.35 0.00	17.28 0.36 0.00	18.66 0.38 0.00	23.77 0.53 0.00	23.41 0.62 0.00	29.44 0.78 0.00	27.23 0.68 0.00	21.20 0.50 0.00	20.23 0.50 0.00	20.92 0.48 0.00	16.85 0.33 -1.42
NEWTON___FALLS_HYD 23847	17.72 -0.03 0.00	13.58 -0.02 0.00	17.20 -0.02 0.00	12.98 0.00 0.00	12.09 0.03 0.00	15.52 0.05 0.00	16.14 0.03 0.00	12.61 -0.02 0.00	13.55 -0.04 0.00	15.08 -0.10 0.00	14.28 -0.14 0.00	15.30 -0.19 0.00	16.48 -0.28 0.00	16.32 -0.33 0.00	16.61 -0.31 0.00	17.97 -0.32 0.00	22.89 -0.35 0.00	22.49 -0.30 0.00	28.40 -0.25 0.00	26.49 -0.06 0.00	20.80 0.10 0.00	19.96 0.23 0.00	20.67 0.22 0.00	15.21 0.07 -0.04
NGRID_A1_DSASP 323792	17.42 -0.33 0.00	13.57 -0.03 0.00	17.19 -0.04 0.00	12.89 -0.10 0.00	12.01 -0.06 0.00	15.55 0.08 0.00	16.04 -0.07 0.00	12.52 -0.10 0.00	13.54 -0.05 0.00	15.25 0.07 0.00	14.33 -0.09 0.00	15.32 -0.17 0.00	16.54 -0.23 0.00	16.41 -0.23 0.00	16.67 -0.24 0.00	18.05 -0.24 0.00	22.81 -0.43 0.00	22.31 -0.48 0.00	27.82 -0.83 0.00	25.88 -0.67 0.00	20.10 -0.60 0.00	19.05 -0.69 0.00	19.75 -0.70 0.00	15.03 -0.25 -0.18
NGRID_A2_DSASP 323793	17.42 -0.33 0.00	13.57 -0.03 0.00	17.19 -0.04 0.00	12.89 -0.10 0.00	12.01 -0.06 0.00	15.55 0.08 0.00	16.04 -0.07 0.00	12.52 -0.10 0.00	13.54 -0.05 0.00	15.25 0.07 0.00	14.33 -0.09 0.00	15.32 -0.17 0.00	16.54 -0.23 0.00	16.41 -0.23 0.00	16.67 -0.24 0.00	18.05 -0.24 0.00	22.81 -0.43 0.00	22.31 -0.48 0.00	27.82 -0.83 0.00	25.88 -0.67 0.00	20.10 -0.60 0.00	19.05 -0.69 0.00	19.75 -0.70 0.00	15.03 -0.25 -0.18
NGRID_A4_DSASP 323807	17.41 -0.34 0.00	13.57 -0.03 0.00	17.18 -0.04 0.00	12.89 -0.10 0.00	12.01 -0.06 0.00	15.55 0.08 0.00	16.04 -0.07 0.00	12.53 -0.10 0.00	13.54 -0.05 0.00	15.24 0.06 0.00	14.33 -0.09 0.00	15.32 -0.17 0.00	16.54 -0.23 0.00	16.41 -0.23 0.00	16.67 -0.24 0.00	18.04 -0.24 0.00	22.81 -0.43 0.00	22.31 -0.48 0.00	27.82 -0.84 0.00	25.88 -0.66 0.00	20.11 -0.59 0.00	19.04 -0.69 0.00	19.74 -0.70 0.00	15.03 -0.25 -0.18
NIAGARA_115E_LBMP 323715	17.31 -0.45 0.00	13.50 -0.09 0.00	17.04 -0.18 0.00	12.79 -0.20 0.00	11.91 -0.15 0.00	15.43 -0.04 0.00	15.90 -0.21 0.00	12.40 -0.22 0.00	13.41 -0.19 0.00	15.10 -0.08 0.00	14.19 -0.23 0.00	15.22 -0.27 0.00	16.46 -0.30 0.00	16.34 -0.30 0.00	16.60 -0.31 0.00	17.98 -0.31 0.00	22.74 -0.50 0.00	22.23 -0.56 0.00	27.71 -0.94 0.00	25.80 -0.75 0.00	20.05 -0.65 0.00	18.98 -0.75 0.00	19.69 -0.75 0.00	14.99 -0.29 -0.18

NIAGARA_115W_LBMP 323714	17.39 -0.36 0.00	13.55 -0.05 0.00	17.16 -0.06 0.00	12.87 -0.11 0.00	11.99 -0.08 0.00	15.52 0.05 0.00	16.02 -0.09 0.00	12.51 -0.12 0.00	13.52 -0.07 0.00	15.22 0.04 0.00	14.31 -0.11 0.00	15.29 -0.21 0.00	16.50 -0.26 0.00	16.37 -0.27 0.00	16.63 -0.28 0.00	18.01 -0.28 0.00	22.76 -0.48 0.00	22.25 -0.54 0.00	27.75 -0.90 0.00	25.82 -0.73 0.00	20.05 -0.65 0.00	19.00 -0.73 0.00	19.71 -0.74 0.00	15.00 -0.28 -0.18
NIAGARA_230_LBMP 323716	17.42 -0.33 0.00	13.57 -0.03 0.00	17.18 -0.04 0.00	12.89 -0.10 0.00	12.01 -0.06 0.00	15.54 0.07 0.00	16.04 -0.07 0.00	12.52 -0.10 0.00	13.54 -0.05 0.00	15.25 0.06 0.00	14.34 -0.08 0.00	15.37 -0.12 0.00	16.61 -0.15 0.00	16.49 -0.15 0.00	16.76 -0.16 0.00	18.15 -0.14 0.00	22.95 -0.29 0.00	22.43 -0.36 0.00	27.99 -0.66 0.00	26.04 -0.51 0.00	20.22 -0.48 0.00	19.17 -0.56 0.00	19.87 -0.57 0.00	15.10 -0.18 -0.18
NIAGARA__115KV_198_GIBSON 55903	17.39 -0.36 0.00	13.55 -0.05 0.00	17.16 -0.06 0.00	12.87 -0.11 0.00	11.99 -0.08 0.00	15.52 0.05 0.00	16.02 -0.09 0.00	12.50 -0.12 0.00	13.52 -0.07 0.00	15.22 0.04 0.00	14.31 -0.11 0.00	15.29 -0.21 0.00	16.50 -0.26 0.00	16.37 -0.27 0.00	16.63 -0.28 0.00	18.00 -0.29 0.00	22.76 -0.48 0.00	22.25 -0.54 0.00	27.75 -0.90 0.00	25.82 -0.73 0.00	20.06 -0.64 0.00	19.00 -0.73 0.00	19.70 -0.74 0.00	15.00 -0.28 -0.18
NIAGARA____ 23760	17.37 -0.38 0.00	13.54 -0.06 0.00	17.11 -0.12 0.00	12.84 -0.14 0.00	11.96 -0.11 0.00	15.49 0.02 0.00	15.98 -0.13 0.00	12.48 -0.14 0.00	13.49 -0.10 0.00	15.20 0.02 0.00	14.29 -0.13 0.00	15.31 -0.18 0.00	16.55 -0.21 0.00	16.42 -0.22 0.00	16.69 -0.23 0.00	18.07 -0.21 0.00	22.86 -0.38 0.00	22.35 -0.44 0.00	27.88 -0.78 0.00	25.94 -0.61 0.00	20.15 -0.55 0.00	19.09 -0.64 0.00	19.79 -0.66 0.00	15.04 -0.24 -0.18
NINE_MILE_1 23575	17.37 -0.39 0.00	13.33 -0.26 0.00	16.88 -0.34 0.00	12.72 -0.27 0.00	11.82 -0.24 0.00	15.18 -0.30 0.00	15.79 -0.32 0.00	12.36 -0.26 0.00	13.31 -0.28 0.00	14.89 -0.29 0.00	14.13 -0.30 0.00	15.18 -0.31 0.00	16.43 -0.33 0.00	16.31 -0.33 0.00	16.57 -0.34 0.00	17.91 -0.38 0.00	22.75 -0.49 0.00	22.35 -0.44 0.00	28.10 -0.55 0.00	26.05 -0.50 0.00	20.31 -0.39 0.00	19.33 -0.40 0.00	20.01 -0.44 0.00	14.90 -0.28 -0.07
NINE_MILE_2 23744	17.37 -0.38 0.00	13.33 -0.26 0.00	16.88 -0.34 0.00	12.72 -0.26 0.00	11.83 -0.24 0.00	15.18 -0.29 0.00	15.79 -0.32 0.00	12.36 -0.26 0.00	13.31 -0.28 0.00	14.89 -0.29 0.00	14.13 -0.30 0.00	15.18 -0.31 0.00	16.43 -0.33 0.00	16.31 -0.33 0.00	16.57 -0.34 0.00	17.91 -0.38 0.00	22.75 -0.49 0.00	22.35 -0.44 0.00	28.10 -0.55 0.00	26.05 -0.50 0.00	20.31 -0.39 0.00	19.33 -0.40 0.00	20.01 -0.43 0.00	14.90 -0.28 -0.07
NM_CAPITAL____DRP 24208	18.21 0.45 0.00	13.93 0.34 0.00	17.64 0.42 0.00	13.38 0.39 0.00	12.42 0.36 0.00	15.85 0.38 0.00	16.52 0.41 0.00	12.95 0.33 0.00	13.89 0.30 0.00	15.45 0.27 0.00	14.71 0.28 0.00	15.80 0.30 0.00	17.16 0.39 0.00	17.03 0.39 0.00	17.31 0.39 0.00	18.69 0.41 0.00	23.80 0.56 0.00	23.44 0.65 0.00	29.47 0.82 0.00	27.26 0.71 0.00	21.22 0.53 0.00	20.26 0.53 0.00	20.96 0.52 0.00	16.87 0.36 -1.41
NM_CENTRAL____DRP 24181	17.71 -0.05 0.00	13.60 0.01 0.00	17.21 -0.01 0.00	12.97 -0.02 0.00	12.06 -0.01 0.00	15.48 0.00 0.00	16.09 -0.02 0.00	12.60 -0.03 0.00	13.56 -0.03 0.00	15.19 0.01 0.00	14.41 -0.01 0.00	15.49 0.00 0.00	16.77 0.00 0.00	16.66 0.02 0.00	16.94 0.02 0.00	18.33 0.04 0.00	23.30 0.05 0.00	22.90 0.11 0.00	28.80 0.15 0.00	26.71 0.16 0.00	20.82 0.12 0.00	19.79 0.06 0.00	20.47 0.02 0.00	15.25 0.04 -0.10
NM_FRONTIER____DRP 24179	17.39 -0.36 0.00	13.55 -0.05 0.00	17.16 -0.06 0.00	12.87 -0.11 0.00	11.99 -0.08 0.00	15.52 0.05 0.00	16.02 -0.09 0.00	12.50 -0.12 0.00	13.52 -0.07 0.00	15.22 0.04 0.00	14.31 -0.11 0.00	15.29 -0.21 0.00	16.50 -0.26 0.00	16.37 -0.27 0.00	16.63 -0.28 0.00	18.00 -0.29 0.00	22.76 -0.48 0.00	22.25 -0.54 0.00	27.75 -0.90 0.00	25.82 -0.73 0.00	20.06 -0.64 0.00	19.00 -0.73 0.00	19.70 -0.74 0.00	15.00 -0.28 -0.18
NM_ST_REGIS____HYD 24053	17.55 -0.21 0.00	13.37 -0.23 0.00	16.93 -0.29 0.00	12.75 -0.24 0.00	11.87 -0.19 0.00	15.27 -0.20 0.00	15.90 -0.20 0.00	12.49 -0.13 0.00	13.46 -0.13 0.00	15.01 -0.17 0.00	14.23 -0.19 0.00	15.25 -0.24 0.00	16.47 -0.30 0.00	16.32 -0.32 0.00	16.58 -0.34 0.00	17.94 -0.35 0.00	22.86 -0.38 0.00	22.36 -0.43 0.00	28.17 -0.48 0.00	26.19 -0.36 0.00	20.46 -0.24 0.00	19.60 -0.13 0.00	20.29 -0.15 0.00	14.90 -0.23 -0.03
NORTHPORT____1 23551	18.79 1.03 0.00	14.32 0.72 0.00	18.11 0.89 0.00	13.67 0.68 0.00	12.67 0.60 0.00	16.15 0.68 0.00	16.91 0.80 0.00	13.27 0.65 0.00	14.23 0.64 0.00	16.00 0.81 0.00	15.39 0.97 0.00	16.52 1.02 0.00	17.95 1.19 0.00	17.85 1.21 0.00	18.12 1.21 0.00	19.51 1.22 0.00	24.72 1.48 0.00	24.36 1.57 0.00	30.51 1.85 0.00	28.13 1.58 0.00	22.03 1.33 0.00	21.08 1.36 0.00	21.91 1.46 0.00	17.15 0.94 -1.11
NORTHPORT____2 23552	18.78 1.02 0.00	14.32 0.72 0.00	18.11 0.88 0.00	13.66 0.68 0.00	12.67 0.60 0.00	16.15 0.67 0.00	16.90 0.79 0.00	13.27 0.64 0.00	14.23 0.64 0.00	16.00 0.81 0.00	15.40 0.99 0.00	16.53 1.03 0.00	17.96 1.20 0.00	17.85 1.21 0.00	18.11 1.20 0.00	19.45 1.17 0.00	24.64 1.40 0.00	24.27 1.48 0.00	30.40 1.74 0.00	28.03 1.48 0.00	21.96 1.26 0.00	21.03 1.30 0.00	21.88 1.43 0.00	17.14 0.93 -1.11
NORTHPORT____3 23553	18.70 0.95 0.00	14.25 0.66 0.00	18.02 0.80 0.00	13.60 0.62 0.00	12.61 0.55 0.00	16.08 0.61 0.00	16.83 0.72 0.00	13.21 0.58 0.00	14.18 0.59 0.00	15.93 0.74 0.00	15.33 0.90 0.00	16.45 0.96 0.00	17.89 1.12 0.00	17.78 1.14 0.00	18.06 1.14 0.00	19.44 1.15 0.00	24.62 1.38 0.00	24.26 1.47 0.00	30.39 1.73 0.00	28.00 1.45 0.00	21.93 1.23 0.00	20.97 1.24 0.00	21.79 1.34 0.00	17.07 0.86 -1.11
NORTHPORT____4 23650	18.70 0.95 0.00	14.25 0.66 0.00	18.02 0.80 0.00	13.60 0.62 0.00	12.61 0.55 0.00	16.08 0.61 0.00	16.83 0.72 0.00	13.21 0.58 0.00	14.18 0.59 0.00	15.93 0.74 0.00	15.33 0.90 0.00	16.45 0.96 0.00	17.89 1.12 0.00	17.78 1.14 0.00	18.06 1.14 0.00	19.44 1.15 0.00	24.62 1.38 0.00	24.26 1.47 0.00	30.39 1.73 0.00	28.00 1.45 0.00	21.93 1.23 0.00	20.97 1.24 0.00	21.79 1.34 0.00	17.07 0.86 -1.11
NORTHPORT____IC 23718	18.79 1.03 0.00	14.32 0.72 0.00	18.11 0.89 0.00	13.67 0.68 0.00	12.67 0.60 0.00	16.15 0.68 0.00	16.91 0.80 0.00	13.27 0.65 0.00	14.23 0.64 0.00	16.00 0.81 0.00	15.39 0.97 0.00	16.52 1.02 0.00	17.95 1.19 0.00	17.85 1.21 0.00	18.12 1.21 0.00	19.51 1.22 0.00	24.72 1.48 0.00	24.36 1.57 0.00	30.51 1.85 0.00	28.13 1.58 0.00	22.03 1.33 0.00	21.08 1.36 0.00	21.91 1.46 0.00	17.15 0.94 -1.11

NORTH____COUNTRY_ESR 323785	17.59 -0.17 0.00	13.27 -0.33 0.00	16.76 -0.46 0.00	12.62 -0.37 0.00	11.78 -0.29 0.00	15.15 -0.32 0.00	15.81 -0.30 0.00	12.49 -0.13 0.00	13.47 -0.12 0.00	15.05 -0.13 0.00	14.31 -0.11 0.00	15.33 -0.16 0.00	16.57 -0.19 0.00	16.42 -0.21 0.00	16.65 -0.27 0.00	18.02 -0.26 0.00	23.02 -0.22 0.00	22.54 -0.25 0.00	28.41 -0.24 0.00	26.38 -0.16 0.00	20.52 -0.18 0.00	19.51 -0.22 0.00	20.20 -0.24 0.00	14.82 -0.31 -0.02
NPX_GEN_1385_PROXY 323591	18.79 1.03 0.00	14.32 0.72 0.00	18.11 0.88 0.00	13.66 0.68 0.00	12.67 0.60 0.00	16.15 0.67 0.00	16.90 0.79 0.00	13.27 0.64 0.00	14.23 0.64 0.00	16.01 0.82 0.00	15.43 1.01 0.00	16.56 1.06 0.00	18.00 1.23 0.00	17.89 1.25 0.00	18.15 1.23 0.00	19.49 1.21 0.00	28.74 1.44 -4.05	24.32 1.53 0.00	30.46 1.80 0.00	28.08 1.53 0.00	22.00 1.30 0.00	21.07 1.34 0.00	23.26 1.47 -1.34	17.15 0.94 -1.11
NPX_GEN_CSC 323557	18.65 0.89 0.00	14.22 0.62 0.00	18.09 0.87 0.00	13.61 0.62 0.00	12.61 0.54 0.00	16.03 0.55 0.00	16.91 0.79 0.00	13.26 0.63 0.00	14.09 0.50 0.00	15.83 0.65 0.00	15.24 0.82 0.00	16.33 0.83 0.00	17.75 0.99 0.00	17.66 1.02 0.00	17.93 1.01 0.00	19.34 1.05 0.00	28.62 1.33 -4.05	24.24 1.46 0.00	30.40 1.75 0.00	28.03 1.49 0.00	21.96 1.26 0.00	21.01 1.28 0.00	23.18 1.40 -1.34	17.03 0.82 -1.11
NSINS_S_GLNS_FALLS 23858	19.28 1.53 0.00	14.75 1.15 0.00	18.62 1.40 0.00	14.06 1.08 0.00	13.06 0.99 0.00	16.73 1.26 0.00	17.43 1.32 0.00	13.59 0.97 0.00	14.62 1.03 0.00	16.26 1.07 0.00	15.38 0.96 0.00	16.54 1.04 0.00	17.95 1.19 0.00	17.70 1.06 0.00	18.00 1.08 0.00	19.47 1.18 0.00	24.99 1.75 0.00	24.72 1.93 0.00	31.35 2.70 0.00	29.04 2.49 0.00	22.63 1.93 0.00	21.55 1.83 0.00	22.21 1.77 0.00	17.80 1.25 -1.46
NUCOR_STEEL____DRP 24197	17.94 0.18 0.00	13.78 0.18 0.00	17.50 0.28 0.00	13.14 0.15 0.00	12.25 0.18 0.00	15.70 0.22 0.00	16.37 0.26 0.00	12.77 0.15 0.00	13.78 0.19 0.00	15.46 0.27 0.00	14.59 0.17 0.00	15.73 0.24 0.00	17.03 0.27 0.00	16.85 0.21 0.00	17.13 0.21 0.00	18.54 0.25 0.00	23.70 0.46 0.00	23.30 0.52 0.00	29.34 0.69 0.00	27.17 0.62 0.00	21.20 0.51 0.00	20.16 0.43 0.00	20.84 0.39 0.00	15.54 0.30 -0.14
NUMBER_THREE_WT_PWR 323818	18.01 0.25 0.00	13.83 0.24 0.00	17.51 0.28 0.00	13.24 0.25 0.00	12.33 0.27 0.00	15.82 0.34 0.00	16.43 0.32 0.00	12.81 0.18 0.00	13.75 0.16 0.00	15.31 0.12 0.00	14.47 0.05 0.00	15.51 0.02 0.00	16.68 -0.09 0.00	16.48 -0.16 0.00	16.80 -0.12 0.00	18.17 -0.12 0.00	23.16 -0.08 0.00	22.86 0.07 0.00	28.92 0.26 0.00	27.02 0.47 0.00	21.26 0.56 0.00	20.38 0.65 0.00	21.08 0.64 0.00	15.54 0.39 -0.05
NYISO_LBMP_REFERENCE 24008	17.76 0.00 0.00	13.60 0.00 0.00	17.22 0.00 0.00	12.98 0.00 0.00	12.07 0.00 0.00	15.47 0.00 0.00	16.11 0.00 0.00	12.62 0.00 0.00	13.59 0.00 0.00	15.18 0.00 0.00	14.42 0.00 0.00	15.49 0.00 0.00	16.76 0.00 0.00	16.64 0.00 0.00	16.92 0.00 0.00	18.29 0.00 0.00	23.24 0.00 0.00	22.79 0.00 0.00	28.66 0.00 0.00	26.55 0.00 0.00	20.70 0.00 0.00	19.73 0.00 0.00	20.44 0.00 0.00	15.10 0.00 0.00
NYPA_BRENTWD____GT 24164	18.96 1.20 0.00	14.44 0.84 0.00	18.27 1.05 0.00	13.78 0.79 0.00	12.78 0.71 0.00	16.29 0.81 0.00	17.06 0.95 0.00	13.39 0.76 0.00	14.35 0.76 0.00	16.12 0.94 0.00	15.52 1.11 0.00	16.66 1.16 0.00	18.11 1.34 0.00	18.00 1.36 0.00	18.29 1.37 0.00	19.69 1.40 0.00	24.97 1.73 0.00	24.63 1.84 0.00	30.76 2.11 0.00	28.38 1.83 0.00	22.29 1.59 0.00	21.33 1.60 0.00	22.14 1.70 0.00	17.30 1.10 -1.11
NYPA_GOWANUS____GT5 24156	19.00 1.24 0.00	14.48 0.88 0.00	18.25 1.03 0.00	13.82 0.83 0.00	12.81 0.75 0.00	16.37 0.89 0.00	17.09 0.98 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.18 1.00 0.00	15.45 1.03 0.00	16.63 1.14 0.00	18.06 1.30 0.00	17.93 1.29 0.00	18.23 1.32 0.00	19.69 1.40 0.00	24.92 1.68 0.00	24.48 1.69 0.00	30.60 1.95 0.00	28.28 1.73 0.00	22.12 1.43 0.00	21.06 1.33 0.00	21.91 1.47 0.00	17.24 1.03 -1.11
NYPA_GOWANUS____GT6 24157	19.00 1.24 0.00	14.48 0.88 0.00	18.25 1.03 0.00	13.82 0.83 0.00	12.81 0.75 0.00	16.37 0.89 0.00	17.09 0.98 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.18 1.00 0.00	15.45 1.03 0.00	16.63 1.14 0.00	18.06 1.30 0.00	17.93 1.29 0.00	18.23 1.32 0.00	19.69 1.40 0.00	24.92 1.68 0.00	24.48 1.69 0.00	30.60 1.95 0.00	28.28 1.73 0.00	22.12 1.43 0.00	21.06 1.33 0.00	21.91 1.47 0.00	17.24 1.03 -1.11
NYPA_HARLEM_RVR_GT1 24160	18.86 1.10 0.00	14.37 0.77 0.00	18.09 0.87 0.00	13.72 0.74 0.00	12.72 0.65 0.00	16.24 0.77 0.00	16.96 0.85 0.00	13.35 0.73 0.00	14.41 0.82 0.00	16.09 0.91 0.00	15.37 0.95 0.00	16.56 1.06 0.00	17.99 1.22 0.00	17.86 1.22 0.00	18.14 1.23 0.00	19.58 1.30 0.00	24.79 1.55 0.00	24.34 1.55 0.00	30.42 1.77 0.00	28.11 1.56 0.00	22.03 1.33 0.00	20.97 1.23 0.00	21.82 1.38 0.00	17.18 0.97 -1.11
NYPA_HARLEM_RVR_GT2 24161	18.86 1.10 0.00	14.37 0.77 0.00	18.09 0.87 0.00	13.72 0.74 0.00	12.72 0.65 0.00	16.24 0.77 0.00	16.96 0.85 0.00	13.35 0.73 0.00	14.41 0.82 0.00	16.09 0.91 0.00	15.37 0.95 0.00	16.56 1.06 0.00	17.99 1.22 0.00	17.86 1.22 0.00	18.14 1.23 0.00	19.58 1.30 0.00	24.79 1.55 0.00	24.34 1.55 0.00	30.42 1.77 0.00	28.11 1.56 0.00	22.03 1.33 0.00	20.97 1.23 0.00	21.82 1.38 0.00	17.18 0.97 -1.11
NYPA_KENT____GT 24152	18.96 1.21 0.00	14.45 0.86 0.00	18.21 0.99 0.00	13.80 0.82 0.00	12.80 0.73 0.00	16.34 0.87 0.00	17.06 0.95 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.17 0.99 0.00	15.44 1.02 0.00	16.62 1.12 0.00	18.04 1.28 0.00	17.91 1.27 0.00	18.21 1.29 0.00	19.66 1.38 0.00	24.89 1.65 0.00	24.45 1.66 0.00	30.57 1.91 0.00	28.24 1.69 0.00	22.10 1.40 0.00	21.03 1.30 0.00	21.88 1.44 0.00	17.22 1.01 -1.11
NYPA_POUCH1____GT 24155	19.09 1.33 0.00	14.54 0.94 0.00	18.34 1.12 0.00	13.88 0.89 0.00	12.86 0.80 0.00	16.45 0.98 0.00	17.16 1.05 0.00	13.30 0.68 0.00	14.36 0.77 0.00	16.07 0.89 0.00	15.37 0.94 0.00	16.55 1.06 0.00	17.97 1.21 0.00	17.85 1.21 0.00	18.15 1.24 0.00	19.59 1.30 0.00	24.80 1.56 0.00	24.38 1.60 0.00	30.40 1.75 0.00	28.14 1.60 0.00	22.05 1.35 0.00	21.00 1.27 0.00	21.86 1.41 0.00	17.19 0.99 -1.11
NYPA_VERNON____GT2 24162	18.93 1.17 0.00	14.43 0.84 0.00	18.19 0.97 0.00	13.78 0.80 0.00	12.78 0.72 0.00	16.32 0.85 0.00	17.04 0.93 0.00	13.40 0.78 0.00	14.48 0.88 0.00	16.16 0.98 0.00	15.43 1.01 0.00	16.60 1.11 0.00	18.02 1.25 0.00	17.89 1.25 0.00	18.19 1.28 0.00	19.64 1.36 0.00	24.86 1.63 0.00	24.41 1.63 0.00	30.54 1.88 0.00	28.19 1.64 0.00	22.07 1.37 0.00	21.00 1.27 0.00	21.85 1.41 0.00	17.20 0.99 -1.11

NYPA_VERNON____GT3 24163	18.93 1.17 0.00	14.43 0.84 0.00	18.19 0.97 0.00	13.78 0.80 0.00	12.78 0.72 0.00	16.32 0.85 0.00	17.04 0.93 0.00	13.40 0.78 0.00	14.48 0.88 0.00	16.16 0.98 0.00	15.43 1.01 0.00	16.60 1.11 0.00	18.02 1.25 0.00	17.89 1.25 0.00	18.19 1.28 0.00	19.64 1.36 0.00	24.86 1.63 0.00	24.41 1.63 0.00	30.54 1.88 0.00	28.19 1.64 0.00	22.07 1.37 0.00	21.00 1.27 0.00	21.85 1.41 0.00	17.20 0.99 -1.11
NYPA____ASTORIA_CC1 323568	18.90 1.14 0.00	14.41 0.82 0.00	18.16 0.93 0.00	13.76 0.78 0.00	12.77 0.70 0.00	16.29 0.82 0.00	17.01 0.90 0.00	13.39 0.76 0.00	14.46 0.87 0.00	16.14 0.95 0.00	15.41 0.98 0.00	16.57 1.08 0.00	17.98 1.22 0.00	17.86 1.22 0.00	18.16 1.24 0.00	19.60 1.32 0.00	24.82 1.58 0.00	24.37 1.58 0.00	30.48 1.82 0.00	28.14 1.60 0.00	22.03 1.33 0.00	20.96 1.23 0.00	21.81 1.37 0.00	17.18 0.97 -1.11
NYPA____ASTORIA_CC2 323569	18.90 1.14 0.00	14.41 0.82 0.00	18.16 0.93 0.00	13.76 0.78 0.00	12.77 0.70 0.00	16.29 0.82 0.00	17.01 0.90 0.00	13.39 0.76 0.00	14.46 0.87 0.00	16.14 0.95 0.00	15.41 0.98 0.00	16.57 1.08 0.00	17.98 1.22 0.00	17.86 1.22 0.00	18.16 1.24 0.00	19.60 1.32 0.00	24.82 1.58 0.00	24.37 1.58 0.00	30.48 1.82 0.00	28.14 1.60 0.00	22.03 1.33 0.00	20.96 1.23 0.00	21.81 1.37 0.00	17.18 0.97 -1.11
NYPA____HOLTSVILL 23794	18.83 1.08 0.00	14.35 0.75 0.00	18.18 0.96 0.00	13.71 0.72 0.00	12.71 0.64 0.00	16.19 0.71 0.00	16.98 0.87 0.00	13.32 0.70 0.00	14.25 0.66 0.00	16.01 0.83 0.00	15.43 1.01 0.00	16.54 1.05 0.00	17.98 1.22 0.00	17.88 1.24 0.00	18.16 1.25 0.00	19.57 1.28 0.00	24.83 1.59 0.00	24.49 1.70 0.00	30.68 2.02 0.00	28.29 1.75 0.00	22.16 1.46 0.00	21.21 1.48 0.00	22.02 1.58 0.00	17.20 0.99 -1.11
NYPA____HELLGATE_GT1 24158	18.86 1.10 0.00	14.37 0.77 0.00	18.09 0.87 0.00	13.72 0.74 0.00	12.72 0.65 0.00	16.24 0.77 0.00	16.96 0.85 0.00	13.35 0.73 0.00	14.41 0.82 0.00	16.09 0.91 0.00	15.37 0.95 0.00	16.56 1.06 0.00	17.99 1.22 0.00	17.86 1.22 0.00	18.14 1.23 0.00	19.58 1.30 0.00	24.79 1.55 0.00	24.34 1.55 0.00	30.42 1.77 0.00	28.11 1.56 0.00	22.03 1.33 0.00	20.97 1.23 0.00	21.82 1.38 0.00	17.18 0.97 -1.11
NYPA____HELLGATE_GT2 24159	18.86 1.10 0.00	14.37 0.77 0.00	18.09 0.87 0.00	13.72 0.74 0.00	12.72 0.65 0.00	16.24 0.77 0.00	16.96 0.85 0.00	13.35 0.73 0.00	14.41 0.82 0.00	16.09 0.91 0.00	15.37 0.95 0.00	16.56 1.06 0.00	17.99 1.22 0.00	17.86 1.22 0.00	18.14 1.23 0.00	19.58 1.30 0.00	24.79 1.55 0.00	24.34 1.55 0.00	30.42 1.77 0.00	28.11 1.56 0.00	22.03 1.33 0.00	20.97 1.23 0.00	21.82 1.38 0.00	17.18 0.97 -1.11
NYS_BARGE____HYD 23848	17.56 -0.20 0.00	13.68 0.08 0.00	17.28 0.06 0.00	12.96 -0.03 0.00	12.08 0.01 0.00	15.63 0.16 0.00	16.12 0.01 0.00	12.58 -0.04 0.00	13.60 0.01 0.00	15.32 0.14 0.00	14.42 0.00 0.00	15.45 -0.05 0.00	16.70 -0.06 0.00	16.58 -0.06 0.00	16.86 -0.06 0.00	18.26 -0.02 0.00	23.18 -0.06 0.00	22.62 -0.17 0.00	28.24 -0.42 0.00	26.29 -0.25 0.00	20.42 -0.28 0.00	19.34 -0.39 0.00	20.03 -0.42 0.00	15.22 -0.06 -0.18
OAK ORCHARD____HYD 24046	17.72 -0.03 0.00	13.69 0.09 0.00	17.33 0.11 0.00	13.03 0.05 0.00	12.13 0.06 0.00	15.65 0.17 0.00	16.20 0.08 0.00	12.66 0.04 0.00	13.66 0.07 0.00	15.35 0.16 0.00	14.50 0.08 0.00	15.60 0.11 0.00	16.89 0.12 0.00	16.76 0.12 0.00	17.05 0.13 0.00	18.46 0.18 0.00	23.39 0.15 0.00	22.97 0.18 0.00	28.83 0.17 0.00	26.81 0.26 0.00	20.86 0.16 0.00	19.79 0.05 0.00	20.45 0.01 0.00	15.36 0.11 -0.14
OAKDALE____35_KV_LOAD 356122	18.04 0.29 0.00	13.90 0.30 0.00	17.58 0.35 0.00	13.22 0.24 0.00	12.29 0.22 0.00	15.77 0.29 0.00	16.40 0.29 0.00	12.85 0.22 0.00	13.86 0.27 0.00	15.55 0.37 0.00	14.74 0.32 0.00	15.85 0.36 0.00	17.13 0.37 0.00	17.02 0.38 0.00	17.34 0.42 0.00	18.78 0.50 0.00	23.87 0.63 0.00	23.42 0.63 0.00	29.44 0.79 0.00	27.25 0.71 0.00	21.22 0.52 0.00	20.16 0.43 0.00	20.88 0.44 0.00	15.79 0.33 -0.36
OCC_CHEM____DRP 24175	17.41 -0.34 0.00	13.57 -0.03 0.00	17.18 -0.04 0.00	12.89 -0.10 0.00	12.01 -0.06 0.00	15.55 0.08 0.00	16.04 -0.07 0.00	12.53 -0.10 0.00	13.54 -0.05 0.00	15.24 0.06 0.00	14.33 -0.09 0.00	15.32 -0.17 0.00	16.54 -0.23 0.00	16.41 -0.23 0.00	16.67 -0.24 0.00	18.04 -0.24 0.00	22.81 -0.43 0.00	22.31 -0.48 0.00	27.82 -0.84 0.00	25.88 -0.66 0.00	20.11 -0.59 0.00	19.04 -0.69 0.00	19.74 -0.70 0.00	15.03 -0.25 -0.18
OH_GEN_PROXY 24063	17.44 -0.31 0.00	13.58 -0.01 0.00	17.20 -0.02 0.00	12.90 -0.08 0.00	12.02 -0.05 0.00	15.55 0.08 0.00	16.06 -0.05 0.00	12.55 -0.07 0.00	13.57 -0.02 0.00	15.28 0.09 0.00	14.37 -0.05 0.00	15.41 -0.09 0.00	16.65 -0.11 0.00	16.53 -0.11 0.00	16.80 -0.12 0.00	18.19 -0.09 0.00	27.07 -0.22 -4.05	22.50 -0.29 0.00	28.08 -0.57 0.00	26.12 -0.43 0.00	20.28 -0.42 0.00	19.23 -0.50 0.00	21.27 -0.51 -1.34	15.13 -0.15 -0.18
OLIN_CORP_DRP 24177	17.33 -0.43 0.00	13.52 -0.07 0.00	17.07 -0.15 0.00	12.81 -0.17 0.00	11.93 -0.13 0.00	15.46 -0.02 0.00	15.93 -0.18 0.00	12.43 -0.20 0.00	13.43 -0.16 0.00	15.13 -0.05 0.00	14.22 -0.20 0.00	15.25 -0.24 0.00	16.50 -0.27 0.00	16.37 -0.27 0.00	16.64 -0.28 0.00	18.01 -0.28 0.00	22.80 -0.44 0.00	22.28 -0.51 0.00	27.79 -0.87 0.00	25.86 -0.69 0.00	20.10 -0.60 0.00	19.03 -0.71 0.00	19.72 -0.72 0.00	15.01 -0.27 -0.18
OLIN_CORP_DSASP 323712	17.42 -0.33 0.00	13.57 -0.03 0.00	17.19 -0.04 0.00	12.89 -0.10 0.00	12.01 -0.06 0.00	15.55 0.08 0.00	16.04 -0.07 0.00	12.52 -0.10 0.00	13.54 -0.05 0.00	15.25 0.07 0.00	14.33 -0.09 0.00	15.32 -0.17 0.00	16.54 -0.23 0.00	16.41 -0.23 0.00	16.67 -0.24 0.00	18.05 -0.24 0.00	22.81 -0.43 0.00	22.31 -0.48 0.00	27.82 -0.83 0.00	25.88 -0.67 0.00	20.10 -0.60 0.00	19.05 -0.69 0.00	19.75 -0.70 0.00	15.03 -0.25 -0.18
ONEIDA_HERK_LFGE 323681	18.06 0.31 0.00	13.86 0.26 0.00	17.54 0.32 0.00	13.24 0.25 0.00	12.32 0.25 0.00	15.80 0.32 0.00	16.43 0.32 0.00	12.84 0.21 0.00	13.81 0.22 0.00	15.41 0.22 0.00	14.59 0.16 0.00	15.65 0.16 0.00	16.90 0.13 0.00	16.74 0.10 0.00	17.04 0.13 0.00	18.43 0.15 0.00	23.48 0.24 0.00	23.14 0.35 0.00	29.20 0.54 0.00	27.19 0.64 0.00	21.28 0.58 0.00	20.31 0.58 0.00	20.99 0.55 0.00	15.51 0.37 -0.04
ONEIDA____115KV_TB4 55905	18.16 0.40 0.00	13.93 0.33 0.00	17.62 0.40 0.00	13.28 0.29 0.00	12.35 0.28 0.00	15.85 0.37 0.00	16.48 0.37 0.00	12.87 0.25 0.00	13.84 0.25 0.00	15.48 0.30 0.00	14.67 0.25 0.00	15.77 0.27 0.00	17.05 0.29 0.00	16.93 0.29 0.00	17.23 0.31 0.00	18.64 0.36 0.00	23.76 0.52 0.00	23.40 0.62 0.00	29.51 0.85 0.00	27.46 0.91 0.00	21.43 0.73 0.00	20.40 0.67 0.00	21.06 0.62 0.00	15.61 0.43 -0.07

ONONDAGA_REF_OCCRA 23987	17.81 0.06 0.00	13.68 0.08 0.00	17.31 0.09 0.00	13.04 0.05 0.00	12.12 0.05 0.00	15.55 0.08 0.00	16.18 0.07 0.00	12.66 0.04 0.00	13.63 0.04 0.00	15.27 0.08 0.00	14.48 0.06 0.00	15.57 0.08 0.00	16.85 0.09 0.00	16.74 0.09 0.00	17.03 0.11 0.00	18.43 0.14 0.00	23.43 0.19 0.00	23.04 0.25 0.00	29.00 0.34 0.00	26.89 0.34 0.00	20.96 0.27 0.00	19.93 0.20 0.00	20.60 0.16 0.00	15.36 0.13 -0.13
ONONDAGA___COGEN 23986	17.78 0.02 0.00	13.65 0.05 0.00	17.28 0.06 0.00	13.02 0.03 0.00	12.11 0.04 0.00	15.53 0.06 0.00	16.16 0.05 0.00	12.65 0.03 0.00	13.63 0.04 0.00	15.26 0.08 0.00	14.47 0.04 0.00	15.56 0.06 0.00	16.83 0.07 0.00	16.71 0.07 0.00	17.00 0.08 0.00	18.39 0.10 0.00	23.40 0.16 0.00	23.00 0.22 0.00	28.95 0.29 0.00	26.83 0.28 0.00	20.92 0.22 0.00	19.89 0.16 0.00	20.56 0.11 0.00	15.33 0.11 -0.12
ONTARIO___LFGE 23819	18.00 0.24 0.00	13.90 0.30 0.00	17.57 0.35 0.00	13.20 0.22 0.00	12.29 0.22 0.00	15.80 0.33 0.00	16.41 0.30 0.00	12.83 0.21 0.00	13.82 0.23 0.00	15.53 0.34 0.00	14.65 0.23 0.00	15.76 0.27 0.00	17.02 0.26 0.00	16.91 0.26 0.00	17.23 0.31 0.00	18.69 0.40 0.00	23.75 0.51 0.00	23.37 0.58 0.00	29.39 0.74 0.00	27.34 0.79 0.00	21.28 0.58 0.00	20.16 0.44 0.00	20.83 0.38 0.00	15.60 0.33 -0.17
ORANGEVILLE_WT_PWR 323706	17.81 0.06 0.00	13.87 0.27 0.00	17.51 0.29 0.00	13.14 0.16 0.00	12.24 0.17 0.00	15.79 0.32 0.00	16.34 0.23 0.00	12.76 0.14 0.00	13.78 0.19 0.00	15.57 0.39 0.00	14.67 0.25 0.00	15.76 0.26 0.00	17.00 0.24 0.00	16.88 0.24 0.00	17.19 0.28 0.00	18.67 0.38 0.00	23.60 0.37 0.00	23.02 0.23 0.00	28.84 0.18 0.00	26.78 0.24 0.00	20.76 0.06 0.00	19.61 -0.12 0.00	20.26 -0.18 0.00	15.33 0.02 -0.21
ORANGEVILLE___ESR 323794	17.81 0.06 0.00	13.87 0.27 0.00	17.51 0.29 0.00	13.14 0.16 0.00	12.24 0.17 0.00	15.79 0.32 0.00	16.34 0.23 0.00	12.76 0.14 0.00	13.78 0.19 0.00	15.57 0.39 0.00	14.67 0.25 0.00	15.76 0.26 0.00	17.00 0.24 0.00	16.88 0.24 0.00	17.19 0.28 0.00	18.67 0.38 0.00	23.60 0.37 0.00	23.02 0.23 0.00	28.84 0.18 0.00	26.78 0.24 0.00	20.76 0.06 0.00	19.61 -0.12 0.00	20.26 -0.18 0.00	15.33 0.02 -0.21
OSWEGATCHIE___HYD 24044	17.72 -0.03 0.00	13.58 -0.02 0.00	17.20 -0.02 0.00	12.98 0.00 0.00	12.09 0.03 0.00	15.52 0.05 0.00	16.14 0.03 0.00	12.61 -0.02 0.00	13.55 -0.04 0.00	15.08 -0.10 0.00	14.28 -0.14 0.00	15.30 -0.19 0.00	16.48 -0.28 0.00	16.32 -0.33 0.00	16.61 -0.31 0.00	17.96 -0.32 0.00	22.89 -0.35 0.00	22.49 -0.30 0.00	28.40 -0.25 0.00	26.49 -0.06 0.00	20.80 0.10 0.00	19.97 0.23 0.00	20.67 0.23 0.00	15.21 0.07 -0.04
OSWEGO___5 23606	17.49 -0.26 0.00	13.43 -0.17 0.00	17.00 -0.22 0.00	12.81 -0.18 0.00	11.91 -0.16 0.00	15.29 -0.19 0.00	15.90 -0.21 0.00	12.45 -0.18 0.00	13.40 -0.19 0.00	15.00 -0.18 0.00	14.22 -0.20 0.00	15.29 -0.20 0.00	16.55 -0.22 0.00	16.42 -0.22 0.00	16.70 -0.22 0.00	18.05 -0.24 0.00	22.93 -0.31 0.00	22.52 -0.27 0.00	28.33 -0.33 0.00	26.26 -0.28 0.00	20.47 -0.22 0.00	19.49 -0.25 0.00	20.16 -0.28 0.00	15.01 -0.17 -0.08
OSWEGO___6 23613	17.49 -0.26 0.00	13.43 -0.17 0.00	17.00 -0.22 0.00	12.81 -0.18 0.00	11.91 -0.16 0.00	15.29 -0.19 0.00	15.90 -0.21 0.00	12.45 -0.18 0.00	13.40 -0.19 0.00	15.00 -0.18 0.00	14.22 -0.20 0.00	15.29 -0.20 0.00	16.55 -0.22 0.00	16.42 -0.22 0.00	16.70 -0.22 0.00	18.05 -0.24 0.00	22.93 -0.31 0.00	22.52 -0.27 0.00	28.33 -0.33 0.00	26.26 -0.28 0.00	20.47 -0.22 0.00	19.49 -0.25 0.00	20.16 -0.28 0.00	15.01 -0.17 -0.08
OUTOKUMPU-AB___DRP 24206	17.74 -0.02 0.00	13.82 0.22 0.00	17.47 0.25 0.00	13.10 0.11 0.00	12.20 0.13 0.00	15.79 0.32 0.00	16.30 0.18 0.00	12.72 0.10 0.00	13.76 0.17 0.00	15.50 0.32 0.00	14.59 0.17 0.00	15.63 0.13 0.00	16.89 0.12 0.00	16.77 0.13 0.00	17.06 0.14 0.00	18.48 0.20 0.00	23.42 0.18 0.00	22.88 0.09 0.00	28.56 -0.09 0.00	26.57 0.02 0.00	20.62 -0.08 0.00	19.52 -0.21 0.00	20.22 -0.23 0.00	15.35 0.07 -0.18
OXBOW____ 24026	17.63 -0.12 0.00	13.73 0.13 0.00	17.37 0.15 0.00	13.03 0.04 0.00	12.14 0.07 0.00	15.71 0.24 0.00	16.21 0.10 0.00	12.66 0.03 0.00	13.69 0.10 0.00	15.42 0.23 0.00	14.50 0.08 0.00	15.51 0.02 0.00	16.76 -0.01 0.00	16.64 0.00 0.00	16.91 0.00 0.00	18.32 0.04 0.00	23.19 -0.05 0.00	22.67 -0.12 0.00	28.28 -0.37 0.00	26.30 -0.24 0.00	20.42 -0.28 0.00	19.35 -0.39 0.00	20.04 -0.40 0.00	15.24 -0.04 -0.18
OXY_CHEM_DSASP 323612	17.41 -0.34 0.00	13.57 -0.03 0.00	17.18 -0.04 0.00	12.89 -0.10 0.00	12.01 -0.06 0.00	15.55 0.08 0.00	16.04 -0.07 0.00	12.53 -0.10 0.00	13.54 -0.05 0.00	15.24 0.06 0.00	14.33 -0.09 0.00	15.32 -0.17 0.00	16.54 -0.23 0.00	16.41 -0.23 0.00	16.67 -0.24 0.00	18.04 -0.24 0.00	22.81 -0.43 0.00	22.31 -0.48 0.00	27.82 -0.84 0.00	25.88 -0.66 0.00	20.11 -0.59 0.00	19.04 -0.69 0.00	19.74 -0.70 0.00	15.03 -0.25 -0.18
OZONE_PARK_ESR 323760	19.06 1.31 0.00	14.53 0.93 0.00	18.31 1.09 0.00	13.87 0.88 0.00	12.86 0.79 0.00	16.42 0.95 0.00	17.14 1.03 0.00	13.49 0.86 0.00	14.57 0.98 0.00	16.28 1.09 0.00	15.55 1.12 0.00	16.73 1.23 0.00	18.15 1.38 0.00	18.03 1.39 0.00	18.32 1.41 0.00	19.80 1.51 0.00	25.05 1.82 0.00	24.60 1.81 0.00	30.80 2.14 0.00	28.41 1.86 0.00	22.22 1.52 0.00	21.16 1.43 0.00	22.01 1.57 0.00	17.31 1.11 -1.11
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.41 -0.34 0.00	13.57 -0.03 0.00	17.18 -0.04 0.00	12.89 -0.10 0.00	12.01 -0.06 0.00	15.55 0.08 0.00	16.04 -0.07 0.00	12.53 -0.10 0.00	13.54 -0.05 0.00	15.24 0.06 0.00	14.33 -0.09 0.00	15.32 -0.17 0.00	16.54 -0.23 0.00	16.41 -0.23 0.00	16.67 -0.24 0.00	18.04 -0.24 0.00	22.81 -0.43 0.00	22.31 -0.48 0.00	27.82 -0.84 0.00	25.88 -0.66 0.00	20.11 -0.59 0.00	19.04 -0.69 0.00	19.74 -0.70 0.00	15.03 -0.25 -0.18
PACKARD___115KV_DUPONT_184 80571	17.41 -0.34 0.00	13.57 -0.03 0.00	17.18 -0.04 0.00	12.89 -0.10 0.00	12.01 -0.06 0.00	15.55 0.08 0.00	16.04 -0.07 0.00	12.53 -0.10 0.00	13.54 -0.05 0.00	15.24 0.06 0.00	14.33 -0.09 0.00	15.32 -0.17 0.00	16.54 -0.23 0.00	16.41 -0.23 0.00	16.67 -0.24 0.00	18.04 -0.24 0.00	22.81 -0.43 0.00	22.31 -0.48 0.00	27.82 -0.84 0.00	25.88 -0.66 0.00	20.11 -0.59 0.00	19.04 -0.69 0.00	19.74 -0.70 0.00	15.03 -0.25 -0.18
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	18.89 1.13 0.00	14.38 0.79 0.00	18.12 0.90 0.00	13.74 0.75 0.00	12.73 0.66 0.00	16.26 0.79 0.00	16.98 0.87 0.00	13.36 0.74 0.00	14.42 0.83 0.00	16.08 0.90 0.00	15.36 0.94 0.00	16.54 1.04 0.00	17.96 1.20 0.00	17.83 1.19 0.00	18.12 1.20 0.00	19.57 1.28 0.00	24.77 1.53 0.00	24.33 1.54 0.00	30.45 1.80 0.00	28.15 1.60 0.00	22.02 1.33 0.00	20.96 1.23 0.00	21.80 1.36 0.00	17.16 0.95 -1.11

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.13 1.37 0.00	14.61 1.02 0.00	18.42 1.20 0.00	13.98 0.99 0.00	12.95 0.89 0.00	16.55 1.08 0.00	17.32 1.21 0.00	13.54 0.92 0.00	14.60 1.01 0.00	16.13 0.94 0.00	15.37 0.94 0.00	16.53 1.04 0.00	17.96 1.19 0.00	17.80 1.16 0.00	18.10 1.18 0.00	19.54 1.26 0.00	24.76 1.52 0.00	24.31 1.52 0.00	30.40 1.74 0.00	28.07 1.52 0.00	21.99 1.29 0.00	20.93 1.20 0.00	21.77 1.33 0.00	17.17 0.96 -1.11
PATROON__115KV_TB1 80586	18.22 0.47 0.00	13.95 0.35 0.00	17.65 0.43 0.00	13.38 0.40 0.00	12.43 0.36 0.00	15.86 0.38 0.00	16.53 0.42 0.00	12.96 0.34 0.00	13.91 0.32 0.00	15.47 0.29 0.00	14.72 0.30 0.00	15.82 0.32 0.00	17.17 0.41 0.00	17.05 0.41 0.00	17.34 0.42 0.00	18.73 0.45 0.00	23.86 0.62 0.00	23.49 0.70 0.00	29.55 0.90 0.00	27.32 0.78 0.00	21.27 0.58 0.00	20.30 0.57 0.00	20.99 0.55 0.00	16.90 0.38 -1.42
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	17.93 0.17 0.00	13.95 0.36 0.00	17.64 0.42 0.00	13.19 0.20 0.00	12.27 0.20 0.00	15.86 0.38 0.00	16.39 0.28 0.00	12.82 0.20 0.00	13.87 0.28 0.00	15.65 0.47 0.00	14.75 0.32 0.00	15.83 0.33 0.00	17.09 0.33 0.00	16.99 0.35 0.00	17.30 0.39 0.00	18.77 0.48 0.00	23.78 0.54 0.00	23.24 0.46 0.00	29.06 0.40 0.00	26.98 0.43 0.00	20.93 0.24 0.00	19.80 0.07 0.00	20.51 0.07 0.00	15.53 0.23 -0.20
PAWLING_115_KV_BK3_REV_LBMP_H 345028	18.92 1.16 0.00	14.42 0.83 0.00	18.20 0.98 0.00	13.76 0.78 0.00	12.76 0.70 0.00	16.31 0.83 0.00	17.02 0.91 0.00	13.37 0.75 0.00	14.44 0.85 0.00	16.15 0.97 0.00	15.42 1.00 0.00	16.59 1.10 0.00	18.01 1.25 0.00	17.90 1.26 0.00	18.21 1.29 0.00	19.69 1.40 0.00	24.96 1.71 0.00	24.56 1.77 0.00	30.78 2.13 0.00	28.39 1.84 0.00	22.18 1.48 0.00	21.11 1.38 0.00	21.89 1.44 0.00	17.22 1.00 -1.12
PEEKSKILL____ 23653	18.74 0.99 0.00	14.29 0.69 0.00	18.03 0.81 0.00	13.64 0.66 0.00	12.65 0.58 0.00	16.16 0.69 0.00	16.87 0.76 0.00	13.26 0.63 0.00	14.31 0.72 0.00	16.00 0.82 0.00	15.28 0.85 0.00	16.43 0.94 0.00	17.84 1.07 0.00	17.72 1.08 0.00	18.03 1.11 0.00	19.47 1.18 0.00	24.66 1.42 0.00	24.24 1.45 0.00	30.39 1.73 0.00	28.03 1.48 0.00	21.91 1.21 0.00	20.85 1.12 0.00	21.67 1.23 0.00	17.05 0.86 -1.09
PGE MADISON__WINDPWR 24146	18.97 1.22 0.00	14.59 0.99 0.00	18.41 1.19 0.00	13.83 0.85 0.00	12.90 0.84 0.00	16.60 1.13 0.00	17.27 1.16 0.00	13.45 0.82 0.00	14.44 0.85 0.00	16.07 0.89 0.00	15.15 0.73 0.00	16.28 0.78 0.00	17.59 0.82 0.00	17.47 0.83 0.00	17.79 0.87 0.00	19.36 1.07 0.00	24.79 1.55 0.00	24.48 1.69 0.00	31.13 2.47 0.00	29.09 2.54 0.00	22.65 1.95 0.00	21.45 1.72 0.00	22.08 1.64 0.00	16.41 0.97 -0.34
PIERCEFIELD__HYD 23852	17.48 -0.28 0.00	13.35 -0.25 0.00	16.92 -0.30 0.00	12.74 -0.24 0.00	11.86 -0.20 0.00	15.25 -0.22 0.00	15.88 -0.23 0.00	12.45 -0.18 0.00	13.40 -0.19 0.00	14.94 -0.24 0.00	14.15 -0.27 0.00	15.17 -0.32 0.00	16.37 -0.39 0.00	16.23 -0.41 0.00	16.49 -0.42 0.00	17.85 -0.44 0.00	22.72 -0.51 0.00	22.23 -0.56 0.00	28.00 -0.66 0.00	26.04 -0.51 0.00	20.36 -0.34 0.00	19.54 -0.20 0.00	20.24 -0.20 0.00	14.87 -0.26 -0.03
PINELAWN_CC_1 323563	18.86 1.11 0.00	14.36 0.77 0.00	18.16 0.94 0.00	13.70 0.72 0.00	12.71 0.64 0.00	16.21 0.73 0.00	16.96 0.85 0.00	13.31 0.68 0.00	14.27 0.69 0.00	16.04 0.85 0.00	15.43 1.01 0.00	16.56 1.07 0.00	18.00 1.24 0.00	17.90 1.26 0.00	18.18 1.27 0.00	19.59 1.30 0.00	24.84 1.60 0.00	24.50 1.71 0.00	30.70 2.04 0.00	28.32 1.77 0.00	22.18 1.49 0.00	21.21 1.48 0.00	22.01 1.57 0.00	17.21 1.01 -1.11
PJM_GEN_HTP_PROXY 323702	18.88 1.13 0.00	14.40 0.80 0.00	18.16 0.93 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.28 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.44 0.85 0.00	16.13 0.95 0.00	15.40 0.98 0.00	16.57 1.08 0.00	17.98 1.22 0.00	17.86 1.22 0.00	18.16 1.24 0.00	19.61 1.33 0.00	24.82 1.58 0.00	24.34 1.56 0.00	30.49 1.83 0.00	26.65 1.57 1.47	22.00 1.30 0.00	19.25 1.21 1.70	24.46 1.37 -2.65	17.17 0.96 -1.11
PJM_GEN_KEystone 24065	18.23 0.48 0.00	14.02 0.43 0.00	17.72 0.49 0.00	13.35 0.36 0.00	12.40 0.33 0.00	15.90 0.43 0.00	16.55 0.44 0.00	12.98 0.35 0.00	14.02 0.43 0.00	15.77 0.58 0.00	14.97 0.55 0.00	16.09 0.60 0.00	17.40 0.63 0.00	17.28 0.64 0.00	17.60 0.69 0.00	19.06 0.77 0.00	24.14 0.90 0.00	23.67 0.88 0.00	29.65 0.99 0.00	25.93 0.84 1.47	21.34 0.64 0.00	18.55 0.52 1.70	23.71 0.62 -2.65	16.27 0.49 -0.68
PJM_GEN_NEPTUNE_PROXY 323594	18.68 0.92 0.00	14.24 0.64 0.00	17.99 0.77 0.00	13.59 0.60 0.00	12.60 0.53 0.00	16.07 0.60 0.00	16.80 0.69 0.00	13.19 0.57 0.00	14.18 0.59 0.00	15.93 0.75 0.00	15.30 0.88 0.00	16.42 0.93 0.00	17.85 1.08 0.00	17.74 1.10 0.00	18.02 1.10 0.00	19.42 1.14 0.00	24.61 1.37 0.00	24.23 1.44 0.00	30.35 1.69 0.00	26.51 1.43 1.47	21.89 1.20 0.00	19.23 1.19 1.70	24.37 1.28 -2.65	17.03 0.83 -1.11
PJM_GEN_VFT_PROXY 323633	18.82 1.07 0.00	14.34 0.75 0.00	18.09 0.87 0.00	13.70 0.72 0.00	12.70 0.64 0.00	16.22 0.75 0.00	16.93 0.82 0.00	13.32 0.70 0.00	14.40 0.81 0.00	16.08 0.90 0.00	15.34 0.92 0.00	16.51 1.01 0.00	17.91 1.14 0.00	17.77 1.13 0.00	18.07 1.15 0.00	19.52 1.23 0.00	24.70 1.46 0.00	24.25 1.46 0.00	30.36 1.71 0.00	26.55 1.46 1.47	21.92 1.22 0.00	19.18 1.14 1.70	24.37 1.27 -2.65	17.11 0.91 -1.11
PLATSBURG_115KV_PMLD1 355749	17.84 0.09 0.00	13.45 -0.14 0.00	16.99 -0.23 0.00	12.80 -0.19 0.00	11.94 -0.13 0.00	15.34 -0.13 0.00	15.99 -0.12 0.00	12.64 0.02 0.00	13.65 0.06 0.00	15.24 0.06 0.00	14.50 0.08 0.00	15.53 0.04 0.00	16.80 0.04 0.00	16.66 0.02 0.00	16.89 -0.02 0.00	18.28 -0.01 0.00	23.36 0.12 0.00	22.91 0.12 0.00	28.95 0.29 0.00	26.90 0.36 0.00	20.90 0.20 0.00	19.87 0.14 0.00	20.54 0.10 0.00	15.04 -0.08 -0.02
PLEASANTVLY__LBMP 24000	18.68 0.92 0.00	14.25 0.65 0.00	17.99 0.77 0.00	13.62 0.63 0.00	12.63 0.56 0.00	16.14 0.66 0.00	16.83 0.72 0.00	13.21 0.59 0.00	14.25 0.67 0.00	15.92 0.74 0.00	15.19 0.77 0.00	16.33 0.84 0.00	17.73 0.96 0.00	17.61 0.97 0.00	17.91 0.99 0.00	19.34 1.06 0.00	24.50 1.26 0.00	24.10 1.31 0.00	30.22 1.56 0.00	27.89 1.34 0.00	21.79 1.09 0.00	20.76 1.03 0.00	21.55 1.11 0.00	17.04 0.78 -1.16
PLSNTVLE_13_KV_13.8KVDIST 80602	18.81 1.05 0.00	14.34 0.74 0.00	18.08 0.86 0.00	13.69 0.70 0.00	12.69 0.62 0.00	16.22 0.74 0.00	16.92 0.82 0.00	13.30 0.68 0.00	14.35 0.76 0.00	16.06 0.87 0.00	15.32 0.90 0.00	16.48 0.99 0.00	17.89 1.13 0.00	17.77 1.14 0.00	18.08 1.16 0.00	19.53 1.24 0.00	24.73 1.49 0.00	24.32 1.53 0.00	30.47 1.81 0.00	28.11 1.57 0.00	21.97 1.27 0.00	20.92 1.20 0.00	21.74 1.30 0.00	17.11 0.90 -1.11

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	18.81 1.05 0.00	14.34 0.74 0.00	18.08 0.86 0.00	13.69 0.70 0.00	12.69 0.62 0.00	16.22 0.74 0.00	16.92 0.82 0.00	13.30 0.68 0.00	14.35 0.76 0.00	16.06 0.87 0.00	15.32 0.90 0.00	16.48 0.99 0.00	17.89 1.13 0.00	17.77 1.14 0.00	18.08 1.16 0.00	19.53 1.24 0.00	24.73 1.49 0.00	24.32 1.53 0.00	30.47 1.81 0.00	28.11 1.57 0.00	21.97 1.27 0.00	20.92 1.20 0.00	21.74 1.30 0.00	17.11 0.90 -1.11
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.81 1.06 0.00	14.35 0.75 0.00	18.10 0.88 0.00	13.70 0.71 0.00	12.70 0.63 0.00	16.23 0.75 0.00	16.92 0.82 0.00	13.29 0.67 0.00	14.35 0.76 0.00	16.03 0.85 0.00	15.28 0.86 0.00	16.43 0.94 0.00	17.84 1.07 0.00	17.72 1.08 0.00	18.04 1.12 0.00	19.50 1.21 0.00	24.73 1.49 0.00	24.36 1.57 0.00	30.57 1.91 0.00	28.20 1.66 0.00	22.02 1.32 0.00	20.97 1.23 0.00	21.74 1.30 0.00	17.13 0.90 -1.13
POLETTI____ 23519	18.88 1.13 0.00	14.40 0.81 0.00	18.15 0.93 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.29 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.44 0.85 0.00	16.13 0.95 0.00	15.39 0.97 0.00	16.56 1.07 0.00	17.97 1.21 0.00	17.84 1.20 0.00	18.13 1.22 0.00	19.58 1.30 0.00	24.77 1.53 0.00	24.32 1.53 0.00	30.45 1.79 0.00	28.08 1.53 0.00	21.97 1.28 0.00	20.92 1.19 0.00	21.77 1.33 0.00	17.14 0.94 -1.11
PORT_JEFF_3 23555	18.87 1.12 0.00	14.38 0.78 0.00	18.21 0.99 0.00	13.73 0.74 0.00	12.73 0.67 0.00	16.21 0.74 0.00	17.01 0.90 0.00	13.35 0.73 0.00	14.27 0.68 0.00	16.05 0.86 0.00	15.47 1.05 0.00	16.58 1.09 0.00	18.02 1.26 0.00	17.93 1.28 0.00	18.21 1.29 0.00	19.62 1.34 0.00	24.91 1.67 0.00	24.56 1.77 0.00	30.78 2.13 0.00	28.39 1.84 0.00	22.23 1.53 0.00	21.27 1.54 0.00	22.08 1.64 0.00	17.23 1.02 -1.11
PORT_JEFF_4 23616	18.87 1.12 0.00	14.38 0.78 0.00	18.21 0.99 0.00	13.73 0.74 0.00	12.73 0.67 0.00	16.21 0.74 0.00	17.01 0.90 0.00	13.35 0.73 0.00	14.27 0.68 0.00	16.05 0.86 0.00	15.47 1.05 0.00	16.58 1.09 0.00	18.02 1.26 0.00	17.93 1.28 0.00	18.21 1.29 0.00	19.62 1.34 0.00	24.91 1.67 0.00	24.56 1.77 0.00	30.78 2.13 0.00	28.39 1.84 0.00	22.23 1.53 0.00	21.27 1.54 0.00	22.08 1.64 0.00	17.23 1.02 -1.11
PORT_JEFF_IC 23713	18.89 1.13 0.00	14.38 0.79 0.00	18.22 1.00 0.00	13.74 0.75 0.00	12.73 0.67 0.00	16.22 0.75 0.00	17.02 0.92 0.00	13.35 0.73 0.00	14.28 0.69 0.00	16.05 0.87 0.00	15.48 1.06 0.00	16.60 1.11 0.00	18.05 1.28 0.00	17.95 1.31 0.00	18.23 1.32 0.00	19.65 1.36 0.00	24.95 1.71 0.00	24.61 1.82 0.00	30.85 2.19 0.00	28.44 1.89 0.00	22.27 1.57 0.00	21.30 1.58 0.00	22.11 1.67 0.00	17.25 1.04 -1.11
PPL PILGRIM_ST_GT1 24216	18.96 1.20 0.00	14.44 0.84 0.00	18.27 1.05 0.00	13.78 0.79 0.00	12.78 0.71 0.00	16.29 0.81 0.00	17.06 0.95 0.00	13.39 0.76 0.00	14.35 0.76 0.00	16.12 0.94 0.00	15.52 1.11 0.00	16.66 1.16 0.00	18.11 1.34 0.00	18.00 1.36 0.00	18.29 1.37 0.00	19.69 1.40 0.00	24.97 1.73 0.00	24.63 1.84 0.00	30.76 2.11 0.00	28.38 1.83 0.00	22.29 1.59 0.00	21.33 1.60 0.00	22.14 1.70 0.00	17.30 1.10 -1.11
PPL PILGRIM_ST_GT2 24217	18.96 1.20 0.00	14.44 0.84 0.00	18.27 1.05 0.00	13.78 0.79 0.00	12.78 0.71 0.00	16.29 0.81 0.00	17.06 0.95 0.00	13.39 0.76 0.00	14.35 0.76 0.00	16.12 0.94 0.00	15.52 1.11 0.00	16.66 1.16 0.00	18.11 1.34 0.00	18.00 1.36 0.00	18.29 1.37 0.00	19.69 1.40 0.00	24.97 1.73 0.00	24.63 1.84 0.00	30.76 2.11 0.00	28.38 1.83 0.00	22.29 1.59 0.00	21.33 1.60 0.00	22.14 1.70 0.00	17.30 1.10 -1.11
PPL_SHRM_GT3 24213	18.66 0.91 0.00	14.23 0.63 0.00	18.10 0.88 0.00	13.62 0.63 0.00	12.62 0.55 0.00	16.04 0.57 0.00	16.92 0.81 0.00	13.26 0.64 0.00	14.10 0.51 0.00	15.84 0.66 0.00	15.24 0.82 0.00	16.33 0.83 0.00	17.75 0.99 0.00	17.65 1.01 0.00	17.93 1.01 0.00	19.33 1.05 0.00	24.57 1.33 0.00	24.25 1.46 0.00	30.41 1.76 0.00	28.05 1.50 0.00	21.97 1.27 0.00	21.03 1.30 0.00	21.84 1.40 0.00	17.05 0.84 -1.11
PPL_SHRM_GT4 24214	18.66 0.91 0.00	14.23 0.63 0.00	18.10 0.88 0.00	13.62 0.63 0.00	12.62 0.55 0.00	16.04 0.57 0.00	16.92 0.81 0.00	13.26 0.64 0.00	14.10 0.51 0.00	15.84 0.66 0.00	15.24 0.82 0.00	16.33 0.83 0.00	17.75 0.99 0.00	17.65 1.01 0.00	17.93 1.01 0.00	19.33 1.05 0.00	24.57 1.33 0.00	24.25 1.46 0.00	30.41 1.76 0.00	28.05 1.50 0.00	21.97 1.27 0.00	21.03 1.30 0.00	21.84 1.40 0.00	17.05 0.84 -1.11
PROJECT____ORANGE 1 24174	17.72 -0.03 0.00	13.61 0.01 0.00	17.23 0.01 0.00	12.98 -0.01 0.00	12.06 0.00 0.00	15.48 0.01 0.00	16.10 0.00 0.00	12.60 -0.02 0.00	13.58 -0.01 0.00	15.21 0.02 0.00	14.42 0.00 0.00	15.51 0.02 0.00	16.78 0.02 0.00	16.67 0.03 0.00	16.96 0.04 0.00	18.35 0.06 0.00	23.32 0.08 0.00	22.92 0.13 0.00	28.83 0.17 0.00	26.73 0.18 0.00	20.83 0.13 0.00	19.81 0.08 0.00	20.48 0.04 0.00	15.26 0.05 -0.11
PROJECT____ORANGE 2 24166	17.72 -0.03 0.00	13.61 0.01 0.00	17.23 0.01 0.00	12.98 -0.01 0.00	12.06 0.00 0.00	15.48 0.01 0.00	16.10 0.00 0.00	12.60 -0.02 0.00	13.58 -0.01 0.00	15.21 0.02 0.00	14.42 0.00 0.00	15.51 0.02 0.00	16.78 0.02 0.00	16.67 0.03 0.00	16.96 0.04 0.00	18.35 0.06 0.00	23.32 0.08 0.00	22.92 0.13 0.00	28.83 0.17 0.00	26.73 0.18 0.00	20.83 0.13 0.00	19.81 0.08 0.00	20.48 0.04 0.00	15.26 0.05 -0.11
PUCKETT____SOLAR 323809	18.32 0.56 0.00	14.10 0.50 0.00	17.82 0.60 0.00	13.41 0.42 0.00	12.46 0.39 0.00	16.00 0.52 0.00	16.64 0.53 0.00	13.01 0.39 0.00	14.00 0.41 0.00	15.64 0.46 0.00	14.80 0.37 0.00	15.90 0.40 0.00	17.18 0.42 0.00	17.07 0.43 0.00	17.39 0.47 0.00	18.87 0.59 0.00	24.10 0.86 0.00	23.66 0.87 0.00	29.88 1.23 0.00	27.76 1.22 0.00	21.64 0.94 0.00	20.54 0.81 0.00	21.23 0.79 0.00	16.03 0.56 -0.37
PYRITES____HYD 24023	17.72 -0.04 0.00	13.54 -0.06 0.00	17.16 -0.06 0.00	12.92 -0.07 0.00	12.03 -0.04 0.00	15.47 0.00 0.00	16.10 -0.01 0.00	12.59 -0.03 0.00	13.56 -0.03 0.00	15.11 -0.07 0.00	14.31 -0.11 0.00	15.34 -0.16 0.00	16.56 -0.20 0.00	16.43 -0.21 0.00	16.70 -0.22 0.00	18.08 -0.21 0.00	23.00 -0.24 0.00	22.50 -0.29 0.00	28.36 -0.30 0.00	26.38 -0.17 0.00	20.65 -0.05 0.00	19.79 0.06 0.00	20.46 0.02 0.00	15.04 -0.09 -0.03
QUAKERRD_115KV_BK1 80622	17.32 -0.43 0.00	13.37 -0.23 0.00	16.92 -0.30 0.00	12.73 -0.26 0.00	11.85 -0.22 0.00	15.27 -0.20 0.00	15.83 -0.29 0.00	12.38 -0.25 0.00	13.35 -0.24 0.00	14.98 -0.20 0.00	14.16 -0.26 0.00	15.22 -0.27 0.00	16.47 -0.29 0.00	16.36 -0.28 0.00	16.63 -0.29 0.00	18.00 -0.29 0.00	22.81 -0.43 0.00	22.42 -0.37 0.00	28.14 -0.51 0.00	26.15 -0.39 0.00	20.36 -0.34 0.00	19.32 -0.41 0.00	19.97 -0.48 0.00	14.99 -0.25 -0.14

QUEENSBRY_115KV_TB8 356137	19.35 1.59 0.00	14.79 1.20 0.00	18.67 1.44 0.00	14.10 1.12 0.00	13.09 1.02 0.00	16.78 1.30 0.00	17.48 1.37 0.00	13.63 1.00 0.00	14.66 1.08 0.00	16.30 1.12 0.00	15.43 1.01 0.00	16.59 1.10 0.00	18.02 1.26 0.00	17.77 1.13 0.00	18.06 1.14 0.00	19.53 1.25 0.00	25.08 1.84 0.00	24.81 2.02 0.00	31.48 2.83 0.00	29.15 2.60 0.00	22.71 2.01 0.00	21.63 1.90 0.00	22.29 1.85 0.00	17.85 1.29 -1.46
RAMAPO___LBMP 323565	18.67 0.92 0.00	14.23 0.63 0.00	17.96 0.74 0.00	13.58 0.60 0.00	12.60 0.53 0.00	16.09 0.62 0.00	16.80 0.69 0.00	13.20 0.57 0.00	14.24 0.65 0.00	15.94 0.76 0.00	15.21 0.79 0.00	16.37 0.88 0.00	17.77 1.00 0.00	17.64 1.00 0.00	17.96 1.04 0.00	19.40 1.11 0.00	24.57 1.33 0.00	24.15 1.37 0.00	30.28 1.63 0.00	27.94 1.39 0.00	21.83 1.13 0.00	20.76 1.03 0.00	21.59 1.15 0.00	16.96 0.80 -1.06
RANKINE____ 23646	17.83 0.07 0.00	13.88 0.28 0.00	17.55 0.33 0.00	13.15 0.16 0.00	12.24 0.17 0.00	15.83 0.35 0.00	16.36 0.25 0.00	12.79 0.16 0.00	13.83 0.24 0.00	15.60 0.42 0.00	14.69 0.27 0.00	15.77 0.28 0.00	17.05 0.28 0.00	16.93 0.29 0.00	17.23 0.31 0.00	18.68 0.40 0.00	23.66 0.42 0.00	23.11 0.32 0.00	28.87 0.22 0.00	26.82 0.27 0.00	20.82 0.12 0.00	19.69 -0.04 0.00	20.39 -0.05 0.00	15.45 0.15 -0.19
RAVENSWOOD_GT2_1 24244	18.89 1.13 0.00	14.40 0.81 0.00	18.16 0.93 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.29 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.44 0.85 0.00	16.13 0.95 0.00	15.40 0.98 0.00	16.57 1.07 0.00	17.98 1.21 0.00	17.86 1.22 0.00	18.15 1.24 0.00	19.60 1.32 0.00	24.81 1.57 0.00	24.36 1.58 0.00	30.51 1.85 0.00	28.14 1.59 0.00	22.02 1.32 0.00	20.96 1.23 0.00	21.81 1.36 0.00	17.17 0.96 -1.11
RAVENSWOOD_GT2_2 24245	18.89 1.13 0.00	14.40 0.81 0.00	18.16 0.93 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.29 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.44 0.85 0.00	16.13 0.95 0.00	15.40 0.98 0.00	16.57 1.07 0.00	17.98 1.21 0.00	17.86 1.22 0.00	18.15 1.24 0.00	19.60 1.32 0.00	24.81 1.57 0.00	24.36 1.58 0.00	30.51 1.85 0.00	28.14 1.59 0.00	22.02 1.32 0.00	20.96 1.23 0.00	21.81 1.36 0.00	17.17 0.96 -1.11
RAVENSWOOD_GT2_3 24246	18.89 1.14 0.00	14.41 0.81 0.00	18.17 0.94 0.00	13.76 0.77 0.00	12.76 0.69 0.00	16.29 0.82 0.00	17.01 0.90 0.00	13.38 0.75 0.00	14.45 0.85 0.00	16.14 0.96 0.00	15.41 0.98 0.00	16.57 1.08 0.00	17.99 1.22 0.00	17.86 1.22 0.00	18.16 1.25 0.00	19.62 1.33 0.00	24.82 1.58 0.00	24.37 1.59 0.00	30.53 1.87 0.00	28.15 1.61 0.00	22.03 1.33 0.00	20.97 1.24 0.00	21.81 1.37 0.00	17.18 0.97 -1.11
RAVENSWOOD_GT2_4 24247	18.89 1.14 0.00	14.41 0.81 0.00	18.17 0.94 0.00	13.76 0.77 0.00	12.76 0.69 0.00	16.29 0.82 0.00	17.01 0.90 0.00	13.38 0.75 0.00	14.45 0.85 0.00	16.14 0.96 0.00	15.41 0.98 0.00	16.57 1.08 0.00	17.99 1.22 0.00	17.86 1.22 0.00	18.16 1.25 0.00	19.62 1.33 0.00	24.82 1.58 0.00	24.37 1.59 0.00	30.53 1.87 0.00	28.15 1.61 0.00	22.03 1.33 0.00	20.97 1.24 0.00	21.81 1.37 0.00	17.18 0.97 -1.11
RAVENSWOOD_GT3_1 24248	18.88 1.13 0.00	14.40 0.81 0.00	18.16 0.93 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.29 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.44 0.85 0.00	16.13 0.94 0.00	15.40 0.98 0.00	16.57 1.07 0.00	17.98 1.21 0.00	17.86 1.22 0.00	18.15 1.24 0.00	19.60 1.31 0.00	24.81 1.57 0.00	24.36 1.58 0.00	30.50 1.85 0.00	28.14 1.59 0.00	22.02 1.32 0.00	20.96 1.23 0.00	21.80 1.36 0.00	17.17 0.96 -1.11
RAVENSWOOD_GT3_2 24249	18.88 1.13 0.00	14.40 0.81 0.00	18.16 0.93 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.29 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.44 0.85 0.00	16.13 0.94 0.00	15.40 0.98 0.00	16.57 1.07 0.00	17.98 1.21 0.00	17.86 1.22 0.00	18.15 1.24 0.00	19.60 1.31 0.00	24.81 1.57 0.00	24.36 1.58 0.00	30.50 1.85 0.00	28.14 1.59 0.00	22.02 1.32 0.00	20.96 1.23 0.00	21.80 1.36 0.00	17.17 0.96 -1.11
RAVENSWOOD_GT3_3 24250	18.91 1.16 0.00	14.42 0.82 0.00	18.18 0.96 0.00	13.77 0.78 0.00	12.77 0.70 0.00	16.31 0.83 0.00	17.02 0.91 0.00	13.39 0.77 0.00	14.46 0.87 0.00	16.15 0.97 0.00	15.42 1.00 0.00	16.59 1.10 0.00	18.01 1.24 0.00	17.88 1.24 0.00	18.18 1.27 0.00	19.64 1.35 0.00	24.85 1.61 0.00	24.40 1.61 0.00	30.56 1.90 0.00	28.18 1.64 0.00	22.05 1.35 0.00	20.99 1.26 0.00	21.84 1.40 0.00	17.19 0.99 -1.11
RAVENSWOOD_GT3_4 24251	18.91 1.16 0.00	14.42 0.82 0.00	18.18 0.96 0.00	13.77 0.78 0.00	12.77 0.70 0.00	16.31 0.83 0.00	17.02 0.91 0.00	13.39 0.77 0.00	14.46 0.87 0.00	16.15 0.97 0.00	15.42 1.00 0.00	16.59 1.10 0.00	18.01 1.24 0.00	17.88 1.24 0.00	18.18 1.27 0.00	19.63 1.35 0.00	24.85 1.61 0.00	24.40 1.61 0.00	30.56 1.90 0.00	28.18 1.64 0.00	22.05 1.35 0.00	20.99 1.26 0.00	21.84 1.40 0.00	17.19 0.99 -1.11
RAVENSWOOD_GT_1 23729	18.93 1.17 0.00	14.43 0.84 0.00	18.19 0.97 0.00	13.78 0.80 0.00	12.78 0.72 0.00	16.32 0.85 0.00	17.04 0.93 0.00	13.40 0.78 0.00	14.48 0.88 0.00	16.16 0.98 0.00	15.43 1.01 0.00	16.60 1.11 0.00	18.02 1.25 0.00	17.89 1.25 0.00	18.19 1.28 0.00	19.64 1.36 0.00	24.86 1.63 0.00	24.41 1.63 0.00	30.54 1.88 0.00	28.19 1.64 0.00	22.07 1.37 0.00	21.00 1.27 0.00	21.85 1.41 0.00	17.20 0.99 -1.11
RAVENSWOOD_GT_10 24258	18.89 1.13 0.00	14.40 0.81 0.00	18.15 0.93 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.29 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.44 0.85 0.00	16.13 0.95 0.00	15.39 0.97 0.00	16.57 1.07 0.00	17.98 1.21 0.00	17.85 1.21 0.00	18.15 1.24 0.00	19.60 1.32 0.00	24.81 1.57 0.00	24.36 1.58 0.00	30.51 1.85 0.00	28.14 1.59 0.00	22.01 1.32 0.00	20.96 1.22 0.00	21.80 1.36 0.00	17.17 0.96 -1.11
RAVENSWOOD_GT_11 24259	18.88 1.13 0.00	14.40 0.81 0.00	18.16 0.93 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.28 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.44 0.85 0.00	16.13 0.95 0.00	15.40 0.98 0.00	16.57 1.07 0.00	17.98 1.21 0.00	17.86 1.21 0.00	18.15 1.24 0.00	19.60 1.31 0.00	24.81 1.57 0.00	24.36 1.58 0.00	30.51 1.85 0.00	28.14 1.59 0.00	22.02 1.32 0.00	20.96 1.23 0.00	21.80 1.36 0.00	17.17 0.96 -1.11
RAVENSWOOD_GT_4 24252	18.89 1.13 0.00	14.40 0.81 0.00	18.16 0.94 0.00	13.75 0.76 0.00	12.75 0.68 0.00	16.28 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.44 0.85 0.00	16.13 0.95 0.00	15.40 0.98 0.00	16.57 1.07 0.00	17.98 1.21 0.00	17.85 1.21 0.00	18.15 1.23 0.00	19.61 1.32 0.00	24.81 1.57 0.00	24.36 1.58 0.00	30.51 1.85 0.00	28.14 1.59 0.00	22.01 1.32 0.00	20.96 1.23 0.00	21.81 1.37 0.00	17.17 0.96 -1.11

RAVENSWOOD_GT_5 24254	18.89 1.13 0.00	14.40 0.81 0.00	18.16 0.94 0.00	13.75 0.76 0.00	12.75 0.68 0.00	16.28 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.44 0.85 0.00	16.13 0.95 0.00	15.40 0.98 0.00	16.57 1.07 0.00	17.98 1.21 0.00	17.85 1.21 0.00	18.15 1.23 0.00	19.61 1.32 0.00	24.81 1.57 0.00	24.36 1.58 0.00	30.51 1.85 0.00	28.14 1.59 0.00	22.01 1.32 0.00	20.96 1.23 0.00	21.81 1.37 0.00	17.17 0.96 -1.11
RAVENSWOOD_GT_6 24253	18.89 1.13 0.00	14.40 0.81 0.00	18.16 0.94 0.00	13.75 0.76 0.00	12.75 0.68 0.00	16.28 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.44 0.85 0.00	16.13 0.95 0.00	15.40 0.98 0.00	16.57 1.07 0.00	17.98 1.21 0.00	17.85 1.21 0.00	18.15 1.23 0.00	19.61 1.32 0.00	24.81 1.57 0.00	24.36 1.58 0.00	30.51 1.85 0.00	28.14 1.59 0.00	22.01 1.32 0.00	20.96 1.23 0.00	21.81 1.37 0.00	17.17 0.96 -1.11
RAVENSWOOD_GT_7 24255	18.89 1.13 0.00	14.40 0.81 0.00	18.16 0.94 0.00	13.75 0.76 0.00	12.75 0.68 0.00	16.28 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.44 0.85 0.00	16.13 0.95 0.00	15.40 0.98 0.00	16.57 1.07 0.00	17.98 1.21 0.00	17.85 1.21 0.00	18.15 1.23 0.00	19.61 1.32 0.00	24.81 1.57 0.00	24.36 1.58 0.00	30.51 1.85 0.00	28.14 1.59 0.00	22.01 1.32 0.00	20.96 1.23 0.00	21.81 1.37 0.00	17.17 0.96 -1.11
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	18.89 1.13 0.00	14.40 0.81 0.00	18.15 0.93 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.29 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.44 0.85 0.00	16.13 0.95 0.00	15.39 0.97 0.00	16.57 1.07 0.00	17.98 1.21 0.00	17.85 1.21 0.00	18.15 1.24 0.00	19.60 1.32 0.00	24.81 1.57 0.00	24.36 1.58 0.00	30.51 1.85 0.00	28.14 1.59 0.00	22.01 1.32 0.00	20.96 1.22 0.00	21.80 1.36 0.00	17.17 0.96 -1.11
RAVENSWOOD_GT_9 24257	18.88 1.13 0.00	14.40 0.81 0.00	18.16 0.93 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.28 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.44 0.85 0.00	16.13 0.95 0.00	15.40 0.98 0.00	16.57 1.07 0.00	17.98 1.21 0.00	17.86 1.21 0.00	18.15 1.24 0.00	19.60 1.31 0.00	24.81 1.57 0.00	24.36 1.58 0.00	30.51 1.85 0.00	28.14 1.59 0.00	22.02 1.32 0.00	20.96 1.23 0.00	21.80 1.36 0.00	17.17 0.96 -1.11
RAVENSWOOD___1 23533	18.91 1.15 0.00	14.42 0.82 0.00	18.16 0.94 0.00	13.77 0.78 0.00	12.77 0.70 0.00	16.30 0.82 0.00	17.01 0.90 0.00	13.39 0.76 0.00	14.45 0.87 0.00	16.14 0.96 0.00	15.42 0.99 0.00	16.58 1.09 0.00	18.00 1.23 0.00	17.88 1.23 0.00	18.17 1.25 0.00	19.62 1.33 0.00	24.83 1.59 0.00	24.39 1.60 0.00	30.51 1.85 0.00	28.16 1.62 0.00	22.04 1.34 0.00	20.97 1.24 0.00	21.82 1.38 0.00	17.18 0.97 -1.11
RAVENSWOOD___2 23534	18.91 1.15 0.00	14.42 0.82 0.00	18.16 0.94 0.00	13.77 0.78 0.00	12.77 0.70 0.00	16.30 0.82 0.00	17.01 0.90 0.00	13.39 0.76 0.00	14.45 0.87 0.00	16.14 0.96 0.00	15.42 0.99 0.00	16.58 1.09 0.00	18.00 1.23 0.00	17.88 1.23 0.00	18.17 1.25 0.00	19.62 1.33 0.00	24.83 1.59 0.00	24.39 1.60 0.00	30.51 1.85 0.00	28.16 1.62 0.00	22.04 1.34 0.00	20.97 1.24 0.00	21.82 1.38 0.00	17.18 0.97 -1.11
RAVENSWOOD___3 23535	18.89 1.13 0.00	14.40 0.81 0.00	18.16 0.93 0.00	13.75 0.77 0.00	12.75 0.69 0.00	16.29 0.81 0.00	17.00 0.89 0.00	13.37 0.75 0.00	14.44 0.85 0.00	16.13 0.95 0.00	15.40 0.98 0.00	16.57 1.07 0.00	17.98 1.21 0.00	17.86 1.22 0.00	18.15 1.24 0.00	19.61 1.32 0.00	24.82 1.58 0.00	24.36 1.58 0.00	30.51 1.85 0.00	28.14 1.59 0.00	22.02 1.32 0.00	20.96 1.23 0.00	21.81 1.36 0.00	17.17 0.96 -1.11
RAVENSWOOD___4 23820	18.91 1.15 0.00	14.42 0.82 0.00	18.16 0.94 0.00	13.77 0.78 0.00	12.77 0.70 0.00	16.30 0.82 0.00	17.01 0.90 0.00	13.39 0.76 0.00	14.45 0.87 0.00	16.14 0.96 0.00	15.42 0.99 0.00	16.58 1.09 0.00	18.00 1.23 0.00	17.88 1.23 0.00	18.17 1.25 0.00	19.62 1.33 0.00	24.83 1.59 0.00	24.39 1.60 0.00	30.51 1.85 0.00	28.16 1.62 0.00	22.04 1.34 0.00	20.97 1.24 0.00	21.82 1.38 0.00	17.18 0.97 -1.11
RCPL_TRUST___DRP 24196	18.90 1.15 0.00	14.41 0.81 0.00	18.17 0.95 0.00	13.76 0.77 0.00	12.76 0.69 0.00	16.30 0.83 0.00	17.01 0.90 0.00	13.38 0.76 0.00	14.45 0.86 0.00	16.15 0.97 0.00	15.42 1.00 0.00	16.59 1.09 0.00	18.00 1.24 0.00	17.87 1.23 0.00	18.17 1.26 0.00	19.63 1.35 0.00	24.84 1.60 0.00	24.37 1.58 0.00	30.52 1.86 0.00	28.14 1.59 0.00	22.01 1.32 0.00	20.96 1.22 0.00	21.83 1.38 0.00	17.18 0.97 -1.11
RED___ROCHESTER 323720	17.82 0.07 0.00	13.76 0.17 0.00	17.42 0.20 0.00	13.09 0.11 0.00	12.19 0.12 0.00	15.72 0.25 0.00	16.28 0.16 0.00	12.72 0.09 0.00	13.73 0.14 0.00	15.43 0.24 0.00	14.59 0.17 0.00	15.70 0.20 0.00	16.99 0.22 0.00	16.88 0.23 0.00	17.16 0.24 0.00	18.58 0.30 0.00	23.54 0.30 0.00	23.14 0.35 0.00	29.04 0.38 0.00	27.01 0.46 0.00	21.01 0.31 0.00	19.93 0.19 0.00	20.59 0.15 0.00	15.45 0.21 -0.14
REGAN___SOLAR 323812	19.56 1.80 0.00	15.00 1.40 0.00	18.96 1.74 0.00	14.25 1.26 0.00	13.25 1.18 0.00	17.02 1.55 0.00	17.72 1.61 0.00	13.83 1.21 0.00	14.87 1.28 0.00	16.51 1.33 0.00	15.53 1.11 0.00	16.61 1.12 0.00	17.94 1.18 0.00	17.82 1.18 0.00	18.10 1.19 0.00	19.58 1.29 0.00	25.08 1.83 0.00	24.81 2.02 0.00	31.52 2.87 0.00	29.41 2.85 0.00	23.01 2.31 0.00	21.83 2.10 0.00	22.46 2.02 0.00	18.30 1.55 -1.65
RENSSELAER___COGEN 23796	18.12 0.37 0.00	13.87 0.28 0.00	17.56 0.34 0.00	13.32 0.33 0.00	12.37 0.30 0.00	15.77 0.30 0.00	16.44 0.33 0.00	12.90 0.27 0.00	13.83 0.24 0.00	15.39 0.20 0.00	14.63 0.21 0.00	15.72 0.23 0.00	17.07 0.30 0.00	16.94 0.30 0.00	17.23 0.31 0.00	18.60 0.32 0.00	23.68 0.44 0.00	23.33 0.54 0.00	29.33 0.67 0.00	27.13 0.58 0.00	21.13 0.43 0.00	20.17 0.44 0.00	20.87 0.42 0.00	16.80 0.29 -1.41
REPUBLIC_115KV_BARTNBRK 55605	20.39 2.63 0.00	15.64 2.04 0.00	19.62 2.39 0.00	14.81 1.82 0.00	13.74 1.67 0.00	17.65 2.18 0.00	18.38 2.27 0.00	14.25 1.63 0.00	15.38 1.79 0.00	17.01 1.83 0.00	16.15 1.73 0.00	17.37 1.88 0.00	18.90 2.13 0.00	18.61 1.97 0.00	18.90 1.99 0.00	20.43 2.14 0.00	26.22 2.98 0.00	25.99 3.20 0.00	32.94 4.28 0.00	30.45 3.90 0.00	23.75 3.06 0.00	22.60 2.87 0.00	23.24 2.80 0.00	18.62 2.07 -1.46
REVERE_CPPR_DRP 24186	18.28 0.53 0.00	14.02 0.43 0.00	17.74 0.52 0.00	13.37 0.38 0.00	12.44 0.37 0.00	15.96 0.48 0.00	16.60 0.50 0.00	12.96 0.33 0.00	13.94 0.35 0.00	15.57 0.39 0.00	14.74 0.31 0.00	15.83 0.33 0.00	17.11 0.35 0.00	16.98 0.34 0.00	17.28 0.36 0.00	18.70 0.42 0.00	23.87 0.63 0.00	23.55 0.77 0.00	29.73 1.08 0.00	27.71 1.16 0.00	21.65 0.95 0.00	20.61 0.88 0.00	21.25 0.81 0.00	15.73 0.57 -0.06

REYNOLDS_115KV_TB3 80639	18.27 0.52 0.00	13.98 0.39 0.00	17.71 0.49 0.00	13.43 0.45 0.00	12.47 0.40 0.00	15.92 0.45 0.00	16.59 0.48 0.00	12.99 0.37 0.00	13.94 0.35 0.00	15.49 0.30 0.00	14.75 0.33 0.00	15.84 0.35 0.00	17.21 0.44 0.00	17.08 0.44 0.00	17.36 0.44 0.00	18.74 0.46 0.00	23.86 0.62 0.00	23.49 0.70 0.00	29.55 0.89 0.00	27.32 0.77 0.00	21.27 0.57 0.00	20.32 0.59 0.00	21.03 0.58 0.00	16.92 0.41 -1.41
RIVERBAY____ 323610	19.13 1.37 0.00	14.61 1.02 0.00	18.42 1.20 0.00	13.98 0.99 0.00	12.95 0.89 0.00	16.55 1.08 0.00	17.32 1.21 0.00	13.54 0.92 0.00	14.60 1.01 0.00	16.13 0.94 0.00	15.37 0.94 0.00	16.53 1.04 0.00	17.96 1.19 0.00	17.80 1.16 0.00	18.10 1.18 0.00	19.54 1.26 0.00	24.76 1.52 0.00	24.31 1.52 0.00	30.40 1.74 0.00	28.07 1.52 0.00	21.99 1.29 0.00	20.93 1.20 0.00	21.77 1.33 0.00	17.17 0.96 -1.11
RIVERSDE_115KV_TB3 55908	18.21 0.45 0.00	13.93 0.34 0.00	17.64 0.42 0.00	13.38 0.39 0.00	12.42 0.36 0.00	15.85 0.38 0.00	16.52 0.41 0.00	12.95 0.33 0.00	13.89 0.30 0.00	15.45 0.27 0.00	14.71 0.28 0.00	15.80 0.30 0.00	17.16 0.39 0.00	17.03 0.39 0.00	17.31 0.39 0.00	18.69 0.41 0.00	23.80 0.56 0.00	23.44 0.65 0.00	29.47 0.82 0.00	27.26 0.71 0.00	21.22 0.53 0.00	20.26 0.53 0.00	20.96 0.52 0.00	16.87 0.36 -1.41
ROARING____BROOK_WT_PWR 323790	17.62 -0.14 0.00	13.48 -0.12 0.00	17.04 -0.18 0.00	12.86 -0.13 0.00	11.95 -0.11 0.00	15.35 -0.13 0.00	16.00 -0.11 0.00	12.55 -0.08 0.00	13.51 -0.08 0.00	15.10 -0.08 0.00	14.34 -0.08 0.00	15.40 -0.09 0.00	16.65 -0.12 0.00	16.50 -0.14 0.00	16.75 -0.17 0.00	18.11 -0.18 0.00	23.03 -0.21 0.00	22.58 -0.21 0.00	28.38 -0.28 0.00	26.31 -0.24 0.00	20.50 -0.20 0.00	19.57 -0.17 0.00	20.30 -0.14 0.00	14.88 -0.22 0.00
ROCHESRG_115KV_T4 355643	17.65 -0.10 0.00	13.64 0.05 0.00	17.27 0.05 0.00	12.99 0.00 0.00	12.09 0.02 0.00	15.59 0.12 0.00	16.15 0.04 0.00	12.62 0.00 0.00	13.62 0.03 0.00	15.30 0.12 0.00	14.46 0.03 0.00	15.54 0.05 0.00	16.82 0.06 0.00	16.70 0.06 0.00	16.98 0.06 0.00	18.38 0.10 0.00	23.29 0.05 0.00	22.88 0.09 0.00	28.69 0.03 0.00	26.67 0.12 0.00	20.75 0.06 0.00	19.68 -0.05 0.00	20.35 -0.09 0.00	15.29 0.05 -0.14
ROCHESTER_9_IC 23652	17.74 -0.02 0.00	13.71 0.11 0.00	17.35 0.13 0.00	13.04 0.06 0.00	12.14 0.07 0.00	15.66 0.19 0.00	16.21 0.10 0.00	12.67 0.05 0.00	13.67 0.08 0.00	15.36 0.18 0.00	14.52 0.10 0.00	15.62 0.13 0.00	16.91 0.14 0.00	16.79 0.15 0.00	17.07 0.15 0.00	18.48 0.20 0.00	23.42 0.18 0.00	23.01 0.22 0.00	28.87 0.21 0.00	26.85 0.30 0.00	20.89 0.19 0.00	19.81 0.08 0.00	20.47 0.03 0.00	15.37 0.13 -0.14
ROCKVIEW_13_KV_LD 356306	18.85 1.09 0.00	14.37 0.77 0.00	18.12 0.90 0.00	13.71 0.73 0.00	12.72 0.66 0.00	16.25 0.77 0.00	16.96 0.85 0.00	13.33 0.71 0.00	14.39 0.80 0.00	16.11 0.93 0.00	15.40 0.98 0.00	16.57 1.07 0.00	17.98 1.22 0.00	17.86 1.22 0.00	18.17 1.25 0.00	19.62 1.34 0.00	24.84 1.60 0.00	24.41 1.62 0.00	30.58 1.93 0.00	28.21 1.66 0.00	22.05 1.36 0.00	21.00 1.27 0.00	21.82 1.38 0.00	17.16 0.96 -1.11
ROME____115KV_TB2 80656	18.28 0.53 0.00	14.02 0.43 0.00	17.74 0.52 0.00	13.37 0.38 0.00	12.44 0.37 0.00	15.96 0.48 0.00	16.60 0.50 0.00	12.96 0.33 0.00	13.94 0.35 0.00	15.57 0.39 0.00	14.74 0.31 0.00	15.83 0.33 0.00	17.11 0.35 0.00	16.98 0.34 0.00	17.28 0.36 0.00	18.70 0.42 0.00	23.87 0.63 0.00	23.55 0.77 0.00	29.73 1.08 0.00	27.71 1.16 0.00	21.65 0.95 0.00	20.61 0.88 0.00	21.25 0.81 0.00	15.73 0.57 -0.06
ROSETON____1 23587	18.68 0.92 0.00	14.25 0.65 0.00	17.98 0.76 0.00	13.61 0.62 0.00	12.62 0.55 0.00	16.13 0.65 0.00	16.83 0.72 0.00	13.21 0.59 0.00	14.25 0.67 0.00	15.93 0.75 0.00	15.20 0.78 0.00	16.35 0.85 0.00	17.74 0.97 0.00	17.62 0.98 0.00	17.93 1.01 0.00	19.36 1.08 0.00	24.53 1.29 0.00	24.12 1.33 0.00	30.24 1.59 0.00	27.91 1.37 0.00	21.81 1.11 0.00	20.77 1.04 0.00	21.57 1.13 0.00	16.98 0.79 -1.09
ROSETON____2 23588	18.68 0.92 0.00	14.25 0.65 0.00	17.98 0.76 0.00	13.61 0.62 0.00	12.62 0.55 0.00	16.13 0.65 0.00	16.83 0.72 0.00	13.21 0.59 0.00	14.25 0.67 0.00	15.93 0.75 0.00	15.20 0.78 0.00	16.35 0.85 0.00	17.74 0.97 0.00	17.62 0.98 0.00	17.93 1.01 0.00	19.36 1.08 0.00	24.53 1.29 0.00	24.12 1.33 0.00	30.24 1.59 0.00	27.91 1.37 0.00	21.81 1.11 0.00	20.77 1.04 0.00	21.57 1.13 0.00	16.98 0.79 -1.09
ROTTSDAM_115KV_TB3 80664	18.51 0.75 0.00	14.16 0.56 0.00	17.93 0.71 0.00	13.54 0.55 0.00	12.58 0.51 0.00	16.10 0.62 0.00	16.77 0.66 0.00	13.12 0.50 0.00	14.11 0.52 0.00	15.71 0.53 0.00	14.92 0.50 0.00	16.03 0.54 0.00	17.40 0.63 0.00	17.25 0.61 0.00	17.54 0.63 0.00	18.96 0.68 0.00	24.15 0.91 0.00	23.79 1.00 0.00	29.96 1.30 0.00	27.73 1.19 0.00	21.62 0.92 0.00	20.61 0.88 0.00	21.31 0.87 0.00	17.20 0.62 -1.48
RUSSELL____1 23602	17.82 0.06 0.00	13.76 0.17 0.00	17.42 0.19 0.00	13.09 0.11 0.00	12.19 0.12 0.00	15.72 0.25 0.00	16.28 0.16 0.00	12.72 0.09 0.00	13.72 0.13 0.00	15.43 0.25 0.00	14.59 0.17 0.00	15.69 0.20 0.00	16.99 0.22 0.00	16.88 0.23 0.00	17.16 0.24 0.00	18.58 0.29 0.00	23.54 0.30 0.00	23.14 0.35 0.00	29.04 0.38 0.00	27.01 0.46 0.00	21.02 0.32 0.00	19.92 0.19 0.00	20.58 0.14 0.00	15.45 0.21 -0.14
RUSSELL____2 23532	17.82 0.06 0.00	13.76 0.17 0.00	17.42 0.19 0.00	13.09 0.11 0.00	12.19 0.12 0.00	15.72 0.25 0.00	16.28 0.16 0.00	12.72 0.09 0.00	13.72 0.13 0.00	15.43 0.25 0.00	14.59 0.17 0.00	15.69 0.20 0.00	16.99 0.22 0.00	16.88 0.23 0.00	17.16 0.24 0.00	18.58 0.29 0.00	23.54 0.30 0.00	23.14 0.35 0.00	29.04 0.38 0.00	27.01 0.46 0.00	21.02 0.32 0.00	19.92 0.19 0.00	20.58 0.14 0.00	15.45 0.21 -0.14
RUSSELL____3 23549	17.82 0.06 0.00	13.76 0.17 0.00	17.42 0.19 0.00	13.09 0.11 0.00	12.19 0.12 0.00	15.72 0.25 0.00	16.28 0.16 0.00	12.72 0.09 0.00	13.72 0.13 0.00	15.43 0.25 0.00	14.59 0.17 0.00	15.69 0.20 0.00	16.99 0.22 0.00	16.88 0.23 0.00	17.16 0.24 0.00	18.58 0.29 0.00	23.54 0.30 0.00	23.14 0.35 0.00	29.04 0.38 0.00	27.01 0.46 0.00	21.02 0.32 0.00	19.92 0.19 0.00	20.58 0.14 0.00	15.45 0.21 -0.14
RUSSELL____4 23556	17.82 0.06 0.00	13.76 0.17 0.00	17.42 0.19 0.00	13.09 0.11 0.00	12.19 0.12 0.00	15.72 0.25 0.00	16.28 0.16 0.00	12.72 0.09 0.00	13.72 0.13 0.00	15.43 0.25 0.00	14.59 0.17 0.00	15.69 0.20 0.00	16.99 0.22 0.00	16.88 0.23 0.00	17.16 0.24 0.00	18.58 0.29 0.00	23.54 0.30 0.00	23.14 0.35 0.00	29.04 0.38 0.00	27.01 0.46 0.00	21.02 0.32 0.00	19.92 0.19 0.00	20.58 0.14 0.00	15.45 0.21 -0.14

RUSSELL___STATION 23914	17.82 0.06 0.00	13.76 0.17 0.00	17.42 0.19 0.00	13.09 0.11 0.00	12.19 0.12 0.00	15.72 0.25 0.00	16.28 0.16 0.00	12.72 0.09 0.00	13.72 0.13 0.00	15.43 0.25 0.00	14.59 0.17 0.00	15.69 0.20 0.00	16.99 0.22 0.00	16.88 0.23 0.00	17.16 0.24 0.00	18.58 0.29 0.00	23.54 0.30 0.00	23.14 0.35 0.00	29.04 0.38 0.00	27.01 0.46 0.00	21.02 0.32 0.00	19.92 0.19 0.00	20.58 0.14 0.00	15.45 0.21 -0.14
S SALMON___HYD 24043	17.72 -0.04 0.00	13.61 0.02 0.00	17.23 0.01 0.00	13.01 0.02 0.00	12.10 0.04 0.00	15.53 0.06 0.00	16.13 0.02 0.00	12.59 -0.03 0.00	13.53 -0.05 0.00	15.11 -0.07 0.00	14.32 -0.09 0.00	15.37 -0.12 0.00	16.58 -0.18 0.00	16.45 -0.19 0.00	16.74 -0.18 0.00	18.10 -0.19 0.00	22.99 -0.25 0.00	22.62 -0.17 0.00	28.53 -0.12 0.00	26.56 0.02 0.00	20.84 0.14 0.00	19.92 0.19 0.00	20.60 0.16 0.00	15.29 0.10 -0.09
S.PERRY___115KV_TB1 80734	18.31 0.56 0.00	14.16 0.56 0.00	17.89 0.67 0.00	13.44 0.45 0.00	12.50 0.43 0.00	16.12 0.65 0.00	16.68 0.57 0.00	12.94 0.32 0.00	13.87 0.28 0.00	15.64 0.45 0.00	14.76 0.34 0.00	15.87 0.37 0.00	17.14 0.37 0.00	17.03 0.38 0.00	17.35 0.43 0.00	18.83 0.54 0.00	23.87 0.63 0.00	23.39 0.60 0.00	29.38 0.72 0.00	27.52 0.97 0.00	21.56 0.87 0.00	20.47 0.74 0.00	21.12 0.67 0.00	15.88 0.58 -0.20
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.66 -0.09 0.00	13.75 0.16 0.00	17.40 0.18 0.00	13.05 0.06 0.00	12.15 0.08 0.00	15.72 0.25 0.00	16.23 0.12 0.00	12.68 0.06 0.00	13.72 0.13 0.00	15.46 0.28 0.00	14.55 0.13 0.00	15.61 0.12 0.00	16.87 0.11 0.00	16.76 0.12 0.00	17.04 0.13 0.00	18.47 0.18 0.00	23.38 0.13 0.00	22.84 0.05 0.00	28.53 -0.13 0.00	26.51 -0.03 0.00	20.59 -0.11 0.00	19.48 -0.24 0.00	20.19 -0.26 0.00	15.32 0.03 -0.19
SAWYER___23_KV_LOAD 55526	17.66 -0.09 0.00	13.75 0.16 0.00	17.40 0.18 0.00	13.05 0.06 0.00	12.15 0.08 0.00	15.72 0.25 0.00	16.23 0.12 0.00	12.68 0.06 0.00	13.72 0.13 0.00	15.46 0.28 0.00	14.55 0.13 0.00	15.61 0.12 0.00	16.87 0.11 0.00	16.76 0.12 0.00	17.04 0.13 0.00	18.47 0.18 0.00	23.38 0.13 0.00	22.84 0.05 0.00	28.53 -0.13 0.00	26.51 -0.03 0.00	20.59 -0.11 0.00	19.48 -0.24 0.00	20.19 -0.26 0.00	15.32 0.03 -0.19
SELKIRK___I 23801	18.29 0.54 0.00	14.01 0.42 0.00	17.75 0.53 0.00	13.43 0.45 0.00	12.48 0.41 0.00	15.95 0.48 0.00	16.61 0.50 0.00	13.01 0.38 0.00	13.95 0.36 0.00	15.53 0.34 0.00	14.76 0.34 0.00	15.86 0.37 0.00	17.20 0.44 0.00	17.08 0.44 0.00	17.36 0.44 0.00	18.77 0.48 0.00	23.89 0.65 0.00	23.51 0.72 0.00	29.58 0.92 0.00	27.39 0.84 0.00	21.33 0.63 0.00	20.35 0.62 0.00	21.05 0.61 0.00	16.91 0.43 -1.38
SELKIRK___II 23799	18.20 0.44 0.00	13.93 0.33 0.00	17.64 0.42 0.00	13.36 0.37 0.00	12.40 0.34 0.00	15.84 0.37 0.00	16.51 0.40 0.00	12.94 0.31 0.00	13.89 0.30 0.00	15.46 0.28 0.00	14.71 0.29 0.00	15.80 0.31 0.00	17.15 0.38 0.00	17.02 0.38 0.00	17.31 0.39 0.00	18.69 0.41 0.00	23.78 0.54 0.00	23.41 0.62 0.00	29.43 0.78 0.00	27.23 0.68 0.00	21.22 0.52 0.00	20.25 0.52 0.00	20.96 0.51 0.00	16.86 0.36 -1.40
SENECA OSWGO___HYD 24041	17.60 -0.15 0.00	13.51 -0.08 0.00	17.11 -0.11 0.00	12.89 -0.09 0.00	11.98 -0.08 0.00	15.38 -0.09 0.00	16.00 -0.12 0.00	12.52 -0.10 0.00	13.48 -0.11 0.00	15.09 -0.09 0.00	14.32 -0.10 0.00	15.38 -0.12 0.00	16.63 -0.14 0.00	16.51 -0.13 0.00	16.79 -0.13 0.00	18.15 -0.13 0.00	23.06 -0.18 0.00	22.67 -0.12 0.00	28.53 -0.12 0.00	26.46 -0.10 0.00	20.63 -0.06 0.00	19.64 -0.09 0.00	20.32 -0.12 0.00	15.14 -0.06 -0.09
SENECA___115KV_TB3 355854	17.86 0.10 0.00	13.90 0.31 0.00	17.58 0.36 0.00	13.17 0.18 0.00	12.26 0.19 0.00	15.85 0.38 0.00	16.38 0.27 0.00	12.80 0.18 0.00	13.85 0.26 0.00	15.63 0.44 0.00	14.72 0.30 0.00	15.79 0.30 0.00	17.07 0.31 0.00	16.96 0.32 0.00	17.27 0.35 0.00	18.72 0.44 0.00	23.70 0.46 0.00	23.15 0.36 0.00	28.93 0.28 0.00	26.87 0.32 0.00	20.86 0.16 0.00	19.73 0.00 0.00	20.43 -0.01 0.00	15.48 0.18 -0.19
SENECA___ENERGY 23797	17.81 0.06 0.00	13.71 0.11 0.00	17.37 0.14 0.00	13.05 0.07 0.00	12.15 0.08 0.00	15.61 0.14 0.00	16.22 0.11 0.00	12.68 0.06 0.00	13.66 0.06 0.00	15.32 0.14 0.00	14.50 0.08 0.00	15.60 0.11 0.00	16.87 0.11 0.00	16.74 0.10 0.00	17.04 0.13 0.00	18.46 0.18 0.00	23.49 0.25 0.00	23.10 0.31 0.00	29.08 0.42 0.00	27.01 0.46 0.00	21.05 0.35 0.00	19.98 0.24 0.00	20.63 0.18 0.00	15.41 0.16 -0.15
SHOEMAKER___GT 23640	18.60 0.84 0.00	14.18 0.59 0.00	17.91 0.69 0.00	13.54 0.55 0.00	12.56 0.49 0.00	16.06 0.58 0.00	16.75 0.64 0.00	13.14 0.52 0.00	14.17 0.58 0.00	15.83 0.65 0.00	15.10 0.68 0.00	16.24 0.74 0.00	17.61 0.85 0.00	17.49 0.85 0.00	17.80 0.88 0.00	19.24 0.95 0.00	24.40 1.16 0.00	23.99 1.20 0.00	30.12 1.46 0.00	27.84 1.29 0.00	21.76 1.06 0.00	20.72 0.99 0.00	21.51 1.06 0.00	16.84 0.73 -1.01
SHOEMAKR_138KV_BK 111 55601	18.59 0.83 0.00	14.18 0.58 0.00	17.91 0.69 0.00	13.53 0.55 0.00	12.55 0.49 0.00	16.05 0.58 0.00	16.74 0.63 0.00	13.14 0.52 0.00	14.16 0.57 0.00	15.84 0.66 0.00	15.10 0.68 0.00	16.24 0.74 0.00	17.62 0.85 0.00	17.50 0.85 0.00	17.80 0.88 0.00	19.24 0.95 0.00	24.40 1.16 0.00	23.99 1.21 0.00	30.11 1.46 0.00	27.82 1.27 0.00	21.74 1.04 0.00	20.69 0.96 0.00	21.48 1.04 0.00	16.82 0.72 -1.00
SHOREHAM_IC_1 23715	18.66 0.91 0.00	14.23 0.63 0.00	18.10 0.88 0.00	13.62 0.63 0.00	12.62 0.55 0.00	16.04 0.57 0.00	16.92 0.81 0.00	13.26 0.64 0.00	14.10 0.51 0.00	15.84 0.66 0.00	15.24 0.82 0.00	16.33 0.83 0.00	17.75 0.99 0.00	17.65 1.01 0.00	17.93 1.01 0.00	19.33 1.05 0.00	24.57 1.33 0.00	24.25 1.46 0.00	30.41 1.76 0.00	28.05 1.50 0.00	21.97 1.27 0.00	21.03 1.30 0.00	21.84 1.40 0.00	17.05 0.84 -1.11
SHOREHAM_IC_2 23716	18.66 0.91 0.00	14.23 0.63 0.00	18.10 0.88 0.00	13.62 0.63 0.00	12.62 0.55 0.00	16.04 0.57 0.00	16.92 0.81 0.00	13.26 0.64 0.00	14.10 0.51 0.00	15.84 0.66 0.00	15.24 0.82 0.00	16.33 0.83 0.00	17.75 0.99 0.00	17.65 1.01 0.00	17.93 1.01 0.00	19.33 1.05 0.00	24.57 1.33 0.00	24.25 1.46 0.00	30.41 1.76 0.00	28.05 1.50 0.00	21.97 1.27 0.00	21.03 1.30 0.00	21.84 1.40 0.00	17.05 0.84 -1.11
SISSONVILLE___ 23735	17.48 -0.28 0.00	13.35 -0.25 0.00	16.92 -0.30 0.00	12.74 -0.24 0.00	11.86 -0.20 0.00	15.25 -0.22 0.00	15.88 -0.23 0.00	12.45 -0.18 0.00	13.40 -0.19 0.00	14.94 -0.24 0.00	14.15 -0.27 0.00	15.17 -0.32 0.00	16.37 -0.39 0.00	16.23 -0.41 0.00	16.49 -0.42 0.00	17.85 -0.44 0.00	22.72 -0.51 0.00	22.23 -0.56 0.00	28.00 -0.66 0.00	26.04 -0.51 0.00	20.36 -0.34 0.00	19.54 -0.20 0.00	20.24 -0.20 0.00	14.87 -0.26 -0.03

SITHE_IND_GS1 24169	17.39 -0.37 0.00	13.35 -0.25 0.00	16.90 -0.32 0.00	12.73 -0.25 0.00	11.84 -0.23 0.00	15.20 -0.27 0.00	15.80 -0.31 0.00	12.37 -0.25 0.00	13.32 -0.27 0.00	14.91 -0.28 0.00	14.14 -0.28 0.00	15.20 -0.30 0.00	16.44 -0.32 0.00	16.32 -0.32 0.00	16.59 -0.33 0.00	17.92 -0.36 0.00	22.76 -0.48 0.00	22.36 -0.43 0.00	28.11 -0.54 0.00	26.07 -0.48 0.00	20.32 -0.38 0.00	19.34 -0.39 0.00	20.02 -0.42 0.00	14.91 -0.26 -0.07
SITHE_IND_GS2 24170	17.39 -0.37 0.00	13.35 -0.25 0.00	16.90 -0.32 0.00	12.73 -0.25 0.00	11.84 -0.23 0.00	15.20 -0.27 0.00	15.80 -0.31 0.00	12.37 -0.25 0.00	13.32 -0.27 0.00	14.91 -0.28 0.00	14.14 -0.28 0.00	15.20 -0.30 0.00	16.44 -0.32 0.00	16.32 -0.32 0.00	16.59 -0.33 0.00	17.92 -0.36 0.00	22.76 -0.48 0.00	22.36 -0.43 0.00	28.11 -0.54 0.00	26.07 -0.48 0.00	20.32 -0.38 0.00	19.34 -0.39 0.00	20.02 -0.42 0.00	14.91 -0.26 -0.07
SITHE_IND_GS3 24171	17.39 -0.37 0.00	13.35 -0.25 0.00	16.90 -0.32 0.00	12.73 -0.25 0.00	11.84 -0.23 0.00	15.20 -0.27 0.00	15.80 -0.31 0.00	12.37 -0.25 0.00	13.32 -0.27 0.00	14.91 -0.28 0.00	14.14 -0.28 0.00	15.20 -0.30 0.00	16.44 -0.32 0.00	16.32 -0.32 0.00	16.59 -0.33 0.00	17.92 -0.36 0.00	22.76 -0.48 0.00	22.36 -0.43 0.00	28.11 -0.54 0.00	26.07 -0.48 0.00	20.32 -0.38 0.00	19.34 -0.39 0.00	20.02 -0.42 0.00	14.91 -0.26 -0.07
SITHE_IND_GS4 24172	17.39 -0.37 0.00	13.35 -0.25 0.00	16.90 -0.32 0.00	12.73 -0.25 0.00	11.84 -0.23 0.00	15.20 -0.27 0.00	15.80 -0.31 0.00	12.37 -0.25 0.00	13.32 -0.27 0.00	14.91 -0.28 0.00	14.14 -0.28 0.00	15.20 -0.30 0.00	16.44 -0.32 0.00	16.32 -0.32 0.00	16.59 -0.33 0.00	17.92 -0.36 0.00	22.76 -0.48 0.00	22.36 -0.43 0.00	28.11 -0.54 0.00	26.07 -0.48 0.00	20.32 -0.38 0.00	19.34 -0.39 0.00	20.02 -0.42 0.00	14.91 -0.26 -0.07
SITHE___BATAVIA 24024	18.15 0.39 0.00	14.02 0.43 0.00	17.74 0.52 0.00	13.34 0.36 0.00	12.41 0.34 0.00	16.01 0.54 0.00	16.59 0.48 0.00	12.93 0.31 0.00	13.91 0.32 0.00	15.60 0.42 0.00	14.72 0.30 0.00	15.84 0.34 0.00	17.14 0.37 0.00	17.02 0.38 0.00	17.31 0.40 0.00	18.75 0.47 0.00	23.72 0.48 0.00	23.37 0.58 0.00	29.43 0.77 0.00	27.48 0.93 0.00	21.44 0.74 0.00	20.31 0.57 0.00	20.95 0.51 0.00	15.73 0.49 -0.14
SITHE___INDEPEND 23800	17.39 -0.37 0.00	13.35 -0.25 0.00	16.90 -0.32 0.00	12.73 -0.25 0.00	11.84 -0.23 0.00	15.20 -0.27 0.00	15.80 -0.31 0.00	12.37 -0.25 0.00	13.32 -0.27 0.00	14.91 -0.28 0.00	14.14 -0.28 0.00	15.20 -0.30 0.00	16.45 -0.32 0.00	16.32 -0.32 0.00	16.59 -0.33 0.00	17.92 -0.36 0.00	22.76 -0.48 0.00	22.36 -0.43 0.00	28.11 -0.54 0.00	26.07 -0.48 0.00	20.32 -0.38 0.00	19.34 -0.39 0.00	20.02 -0.43 0.00	14.91 -0.26 -0.07
SITHE___MASSENA 23902	17.57 -0.18 0.00	13.44 -0.16 0.00	17.03 -0.19 0.00	12.83 -0.16 0.00	11.93 -0.13 0.00	15.33 -0.14 0.00	15.96 -0.15 0.00	12.53 -0.10 0.00	13.49 -0.10 0.00	15.05 -0.13 0.00	14.27 -0.15 0.00	15.30 -0.19 0.00	16.53 -0.24 0.00	16.40 -0.24 0.00	16.66 -0.25 0.00	18.02 -0.27 0.00	22.91 -0.32 0.00	22.38 -0.41 0.00	28.15 -0.50 0.00	26.11 -0.44 0.00	20.37 -0.33 0.00	19.47 -0.26 0.00	20.18 -0.26 0.00	14.85 -0.27 -0.03
SITHE___OGDNSBRG 24021	17.73 -0.03 0.00	13.55 -0.05 0.00	17.17 -0.05 0.00	12.92 -0.07 0.00	12.03 -0.04 0.00	15.47 -0.01 0.00	16.10 -0.01 0.00	12.59 -0.03 0.00	13.56 -0.03 0.00	15.12 -0.06 0.00	14.34 -0.08 0.00	15.37 -0.12 0.00	16.61 -0.16 0.00	16.47 -0.17 0.00	16.74 -0.18 0.00	18.12 -0.17 0.00	23.05 -0.19 0.00	22.53 -0.26 0.00	28.37 -0.29 0.00	26.39 -0.16 0.00	20.65 -0.04 0.00	19.76 0.03 0.00	20.44 0.00 0.00	15.02 -0.11 -0.03
SITHE___STERLING 23777	18.15 0.40 0.00	13.93 0.33 0.00	17.62 0.40 0.00	13.28 0.29 0.00	12.35 0.28 0.00	15.84 0.37 0.00	16.48 0.37 0.00	12.87 0.25 0.00	13.84 0.25 0.00	15.49 0.31 0.00	14.67 0.25 0.00	15.77 0.27 0.00	17.05 0.29 0.00	16.93 0.29 0.00	17.23 0.31 0.00	18.64 0.36 0.00	23.76 0.52 0.00	23.40 0.61 0.00	29.51 0.85 0.00	27.46 0.91 0.00	21.43 0.73 0.00	20.40 0.67 0.00	21.07 0.62 0.00	15.61 0.44 -0.07
SLEIGHT__34_KV_TB1 80719	18.00 0.24 0.00	13.84 0.25 0.00	17.55 0.32 0.00	13.19 0.20 0.00	12.29 0.22 0.00	15.78 0.31 0.00	16.44 0.33 0.00	12.84 0.22 0.00	13.85 0.25 0.00	15.54 0.36 0.00	14.68 0.26 0.00	15.82 0.32 0.00	17.12 0.35 0.00	16.98 0.34 0.00	17.27 0.35 0.00	18.70 0.41 0.00	23.83 0.59 0.00	23.44 0.65 0.00	29.55 0.90 0.00	27.37 0.82 0.00	21.36 0.66 0.00	20.28 0.55 0.00	20.92 0.47 0.00	15.62 0.38 -0.14
SOUTH CAIRO___GT 23612	18.73 0.97 0.00	14.32 0.73 0.00	18.13 0.91 0.00	13.72 0.74 0.00	12.75 0.68 0.00	16.28 0.81 0.00	16.96 0.85 0.00	13.27 0.64 0.00	14.15 0.56 0.00	15.71 0.52 0.00	14.91 0.49 0.00	16.01 0.52 0.00	17.38 0.62 0.00	17.29 0.64 0.00	17.59 0.66 0.00	19.04 0.75 0.00	24.34 1.10 0.00	24.12 1.33 0.00	30.52 1.87 0.00	28.37 1.82 0.00	22.13 1.44 0.00	21.08 1.35 0.00	21.70 1.26 0.00	17.25 0.83 -1.32
SOUTH HAMPTN___IC 23720	19.12 1.36 0.00	14.56 0.97 0.00	18.51 1.29 0.00	13.93 0.95 0.00	12.91 0.85 0.00	16.42 0.95 0.00	17.30 1.19 0.00	13.57 0.95 0.00	14.47 0.88 0.00	16.29 1.11 0.00	15.69 1.27 0.00	16.81 1.32 0.00	18.27 1.51 0.00	18.16 1.51 0.00	18.44 1.52 0.00	19.90 1.61 0.00	25.28 2.05 0.00	24.96 2.18 0.00	31.30 2.64 0.00	28.86 2.31 0.00	22.57 1.88 0.00	21.57 1.84 0.00	22.38 1.93 0.00	17.40 1.20 -1.11
SOUTHDOW__115KV_TB1 355954	18.31 0.56 0.00	14.25 0.66 0.00	18.05 0.83 0.00	13.52 0.53 0.00	12.58 0.51 0.00	16.25 0.78 0.00	16.85 0.75 0.00	13.20 0.58 0.00	14.32 0.73 0.00	16.25 1.07 0.00	15.33 0.91 0.00	16.47 0.98 0.00	17.74 0.98 0.00	17.64 1.00 0.00	17.98 1.06 0.00	19.51 1.22 0.00	24.70 1.46 0.00	24.09 1.30 0.00	30.22 1.57 0.00	27.94 1.40 0.00	21.65 0.95 0.00	20.43 0.70 0.00	21.20 0.75 0.00	15.94 0.63 -0.21
SOUTHOLD_69_KV_BK 2 55809	19.40 1.64 0.00	14.77 1.18 0.00	18.77 1.55 0.00	14.13 1.14 0.00	13.10 1.03 0.00	16.66 1.19 0.00	17.55 1.44 0.00	13.78 1.15 0.00	14.71 1.12 0.00	16.58 1.39 0.00	15.97 1.55 0.00	17.11 1.62 0.00	18.58 1.82 0.00	18.45 1.81 0.00	18.73 1.81 0.00	20.23 1.94 0.00	25.72 2.48 0.00	25.41 2.62 0.00	31.87 3.21 0.00	29.37 2.83 0.00	22.96 2.26 0.00	21.93 2.19 0.00	22.71 2.27 0.00	17.63 1.42 -1.11
SOUTHOLD___IC 23719	19.40 1.64 0.00	14.77 1.18 0.00	18.77 1.55 0.00	14.13 1.14 0.00	13.10 1.03 0.00	16.66 1.19 0.00	17.55 1.44 0.00	13.77 1.15 0.00	14.71 1.12 0.00	16.56 1.38 0.00	15.96 1.54 0.00	17.11 1.62 0.00	18.58 1.81 0.00	18.45 1.81 0.00	18.73 1.82 0.00	20.23 1.94 0.00	25.72 2.48 0.00	25.41 2.62 0.00	31.86 3.21 0.00	29.37 2.83 0.00	22.96 2.26 0.00	21.92 2.19 0.00	22.71 2.27 0.00	17.62 1.41 -1.11

SPIERFLS_115KV_TB 1 80737	19.22 1.46 0.00	14.69 1.10 0.00	18.56 1.34 0.00	14.01 1.03 0.00	13.01 0.95 0.00	16.67 1.20 0.00	17.37 1.26 0.00	13.55 0.93 0.00	14.58 1.00 0.00	16.22 1.04 0.00	15.33 0.91 0.00	16.48 0.99 0.00	17.90 1.14 0.00	17.64 0.99 0.00	17.93 1.02 0.00	19.40 1.11 0.00	24.92 1.68 0.00	24.64 1.85 0.00	31.28 2.62 0.00	28.96 2.41 0.00	22.56 1.86 0.00	21.49 1.76 0.00	22.16 1.71 0.00	17.75 1.19 -1.46
ST LAWRENCE____ 23600	17.39 -0.37 0.00	13.28 -0.31 0.00	16.84 -0.38 0.00	12.69 -0.30 0.00	11.80 -0.27 0.00	15.15 -0.32 0.00	15.78 -0.33 0.00	12.39 -0.23 0.00	13.34 -0.25 0.00	14.88 -0.30 0.00	14.12 -0.30 0.00	15.15 -0.34 0.00	16.37 -0.40 0.00	16.24 -0.40 0.00	16.50 -0.42 0.00	17.84 -0.45 0.00	22.69 -0.55 0.00	22.15 -0.63 0.00	27.86 -0.80 0.00	25.83 -0.71 0.00	20.14 -0.56 0.00	19.24 -0.49 0.00	19.94 -0.50 0.00	14.67 -0.45 -0.02
STATE_CA_115KV_115_LB 55624	18.22 0.47 0.00	13.95 0.35 0.00	17.65 0.43 0.00	13.38 0.40 0.00	12.43 0.37 0.00	15.86 0.38 0.00	16.53 0.42 0.00	12.96 0.34 0.00	13.91 0.32 0.00	15.47 0.29 0.00	14.72 0.30 0.00	15.82 0.32 0.00	17.17 0.41 0.00	17.06 0.41 0.00	17.34 0.42 0.00	18.73 0.45 0.00	23.86 0.62 0.00	23.50 0.71 0.00	29.55 0.90 0.00	27.33 0.78 0.00	21.27 0.58 0.00	20.30 0.57 0.00	21.00 0.55 0.00	16.91 0.38 -1.42
STATE_ST_34_KV_LOAD 55959	17.99 0.23 0.00	13.79 0.20 0.00	17.52 0.30 0.00	13.15 0.17 0.00	12.26 0.19 0.00	15.72 0.24 0.00	16.38 0.27 0.00	12.79 0.17 0.00	13.80 0.21 0.00	15.51 0.33 0.00	14.71 0.29 0.00	15.85 0.35 0.00	17.15 0.39 0.00	16.98 0.34 0.00	17.26 0.35 0.00	18.68 0.40 0.00	23.88 0.64 0.00	23.47 0.68 0.00	29.57 0.91 0.00	27.38 0.83 0.00	21.36 0.67 0.00	20.30 0.57 0.00	20.99 0.55 0.00	15.61 0.36 -0.15
STATION 5_MISC_HYD 23604	17.74 -0.01 0.00	13.71 0.11 0.00	17.35 0.13 0.00	13.04 0.06 0.00	12.14 0.07 0.00	15.66 0.19 0.00	16.21 0.10 0.00	12.67 0.05 0.00	13.67 0.08 0.00	15.36 0.18 0.00	14.52 0.10 0.00	15.62 0.13 0.00	16.90 0.14 0.00	16.79 0.15 0.00	17.07 0.15 0.00	18.49 0.20 0.00	23.42 0.18 0.00	23.01 0.22 0.00	28.87 0.21 0.00	26.85 0.30 0.00	20.88 0.18 0.00	19.81 0.08 0.00	20.47 0.03 0.00	15.37 0.13 -0.14
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	17.82 0.06 0.00	13.74 0.15 0.00	17.39 0.17 0.00	13.08 0.09 0.00	12.17 0.10 0.00	15.68 0.20 0.00	16.26 0.15 0.00	12.72 0.09 0.00	13.72 0.13 0.00	15.40 0.22 0.00	14.55 0.12 0.00	15.65 0.15 0.00	16.93 0.17 0.00	16.82 0.18 0.00	17.12 0.20 0.00	18.54 0.25 0.00	23.52 0.28 0.00	23.15 0.36 0.00	29.11 0.45 0.00	27.05 0.50 0.00	21.05 0.35 0.00	19.96 0.23 0.00	20.61 0.17 0.00	15.43 0.19 -0.14
STA_56_34_KV_BUS2_REV_LBMP_B 345033	17.64 -0.11 0.00	13.63 0.03 0.00	17.25 0.03 0.00	12.97 -0.02 0.00	12.07 0.00 0.00	15.57 0.09 0.00	16.12 0.01 0.00	12.60 -0.02 0.00	13.60 0.01 0.00	15.28 0.10 0.00	14.45 0.02 0.00	15.54 0.04 0.00	16.82 0.05 0.00	16.70 0.06 0.00	16.98 0.07 0.00	18.39 0.10 0.00	23.30 0.06 0.00	22.90 0.11 0.00	28.74 0.08 0.00	26.71 0.16 0.00	20.79 0.09 0.00	19.72 -0.02 0.00	20.37 -0.07 0.00	15.29 0.05 -0.14
STA_56____34_KV_BUS2 355983	17.64 -0.11 0.00	13.63 0.03 0.00	17.25 0.03 0.00	12.97 -0.02 0.00	12.07 0.00 0.00	15.57 0.09 0.00	16.12 0.01 0.00	12.60 -0.02 0.00	13.60 0.01 0.00	15.28 0.10 0.00	14.45 0.02 0.00	15.54 0.04 0.00	16.82 0.05 0.00	16.70 0.06 0.00	16.98 0.07 0.00	18.39 0.10 0.00	23.30 0.06 0.00	22.90 0.11 0.00	28.74 0.08 0.00	26.71 0.16 0.00	20.79 0.09 0.00	19.72 -0.02 0.00	20.37 -0.07 0.00	15.29 0.05 -0.14
STA_67____115KV_BK2 355882	17.71 -0.05 0.00	13.68 0.09 0.00	17.32 0.10 0.00	13.02 0.04 0.00	12.12 0.05 0.00	15.64 0.16 0.00	16.19 0.08 0.00	12.65 0.03 0.00	13.66 0.07 0.00	15.34 0.16 0.00	14.49 0.07 0.00	15.59 0.09 0.00	16.87 0.11 0.00	16.75 0.11 0.00	17.04 0.12 0.00	18.44 0.16 0.00	23.37 0.13 0.00	22.96 0.17 0.00	28.80 0.14 0.00	26.78 0.23 0.00	20.84 0.14 0.00	19.76 0.03 0.00	20.43 -0.02 0.00	15.34 0.10 -0.14
STA_7____115KV_9TRANS 80674	17.82 0.06 0.00	13.76 0.17 0.00	17.42 0.19 0.00	13.09 0.11 0.00	12.19 0.12 0.00	15.72 0.25 0.00	16.28 0.16 0.00	12.72 0.09 0.00	13.72 0.13 0.00	15.43 0.25 0.00	14.59 0.17 0.00	15.69 0.20 0.00	16.99 0.22 0.00	16.88 0.23 0.00	17.16 0.24 0.00	18.58 0.29 0.00	23.54 0.30 0.00	23.14 0.35 0.00	29.04 0.38 0.00	27.01 0.46 0.00	21.02 0.32 0.00	19.92 0.19 0.00	20.58 0.14 0.00	15.45 0.21 -0.14
STA_82____115KV_TB1 80780	17.71 -0.04 0.00	13.69 0.09 0.00	17.32 0.10 0.00	13.03 0.04 0.00	12.13 0.06 0.00	15.64 0.17 0.00	16.20 0.08 0.00	12.66 0.03 0.00	13.66 0.07 0.00	15.34 0.16 0.00	14.50 0.08 0.00	15.59 0.10 0.00	16.88 0.11 0.00	16.76 0.12 0.00	17.04 0.13 0.00	18.45 0.17 0.00	23.38 0.14 0.00	22.97 0.18 0.00	28.81 0.16 0.00	26.79 0.24 0.00	20.85 0.15 0.00	19.78 0.04 0.00	20.44 0.00 0.00	15.35 0.11 -0.14
STEEL____WIND 323596	17.85 0.09 0.00	13.89 0.30 0.00	17.57 0.34 0.00	13.16 0.17 0.00	12.25 0.19 0.00	15.84 0.37 0.00	16.37 0.26 0.00	12.79 0.17 0.00	13.84 0.25 0.00	15.61 0.43 0.00	14.70 0.28 0.00	15.78 0.28 0.00	17.05 0.29 0.00	16.94 0.30 0.00	17.24 0.32 0.00	18.69 0.40 0.00	23.65 0.41 0.00	23.10 0.31 0.00	28.87 0.22 0.00	26.82 0.28 0.00	20.81 0.11 0.00	19.70 -0.03 0.00	20.40 -0.04 0.00	15.46 0.16 -0.19
STEPHTWN_115KV_BK_2 55603	18.24 0.49 0.00	13.99 0.40 0.00	17.70 0.48 0.00	13.39 0.40 0.00	12.45 0.38 0.00	15.86 0.39 0.00	16.59 0.48 0.00	12.98 0.36 0.00	13.97 0.37 0.00	15.56 0.37 0.00	14.74 0.32 0.00	15.85 0.35 0.00	17.17 0.41 0.00	17.12 0.48 0.00	17.40 0.48 0.00	18.84 0.55 0.00	24.00 0.76 0.00	23.64 0.85 0.00	29.72 1.06 0.00	27.49 0.93 0.00	21.30 0.60 0.00	20.40 0.67 0.00	21.07 0.63 0.00	16.92 0.41 -1.41
STEBEN_REC_LFGE 323667	18.17 0.42 0.00	14.12 0.53 0.00	17.83 0.61 0.00	13.37 0.38 0.00	12.43 0.37 0.00	16.00 0.53 0.00	16.53 0.42 0.00	12.89 0.27 0.00	13.94 0.34 0.00	15.76 0.58 0.00	14.82 0.40 0.00	15.96 0.47 0.00	17.20 0.43 0.00	17.12 0.47 0.00	17.50 0.58 0.00	19.03 0.75 0.00	24.17 0.93 0.00	23.66 0.87 0.00	29.70 1.05 0.00	27.56 1.01 0.00	21.32 0.62 0.00	20.17 0.44 0.00	20.86 0.42 0.00	15.78 0.42 -0.25
STONY____BROOK 24151	18.91 1.16 0.00	14.40 0.80 0.00	18.24 1.02 0.00	13.75 0.77 0.00	12.75 0.68 0.00	16.24 0.77 0.00	17.04 0.93 0.00	13.37 0.75 0.00	14.30 0.71 0.00	16.08 0.90 0.00	15.51 1.09 0.00	16.64 1.14 0.00	18.09 1.32 0.00	17.99 1.35 0.00	18.28 1.36 0.00	19.70 1.41 0.00	25.01 1.77 0.00	24.68 1.90 0.00	30.93 2.28 0.00	28.53 1.98 0.00	22.33 1.63 0.00	21.36 1.63 0.00	22.16 1.72 0.00	17.28 1.07 -1.11

STURGEON_POOL_HYD 23609	18.85 1.10 0.00	14.36 0.76 0.00	18.10 0.88 0.00	13.68 0.69 0.00	12.67 0.61 0.00	16.20 0.72 0.00	16.91 0.80 0.00	13.30 0.67 0.00	14.39 0.80 0.00	16.10 0.92 0.00	15.37 0.95 0.00	16.54 1.05 0.00	17.97 1.20 0.00	17.84 1.20 0.00	18.16 1.24 0.00	19.62 1.34 0.00	24.83 1.59 0.00	24.43 1.64 0.00	30.59 1.94 0.00	28.18 1.64 0.00	22.04 1.34 0.00	20.97 1.24 0.00	21.78 1.34 0.00	17.16 0.94 -1.12
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.65 0.89 0.00	14.22 0.62 0.00	17.95 0.73 0.00	13.57 0.59 0.00	12.59 0.52 0.00	16.09 0.62 0.00	16.79 0.68 0.00	13.18 0.56 0.00	14.23 0.64 0.00	15.91 0.72 0.00	15.16 0.74 0.00	16.31 0.82 0.00	17.70 0.94 0.00	17.58 0.94 0.00	17.90 0.98 0.00	19.34 1.06 0.00	24.52 1.28 0.00	24.11 1.32 0.00	30.24 1.58 0.00	27.90 1.35 0.00	21.78 1.09 0.00	20.73 1.00 0.00	21.53 1.09 0.00	16.90 0.77 -1.03
SWANROAD_115KV_TB1 355699	17.34 -0.42 0.00	13.53 -0.06 0.00	17.08 -0.14 0.00	12.82 -0.17 0.00	11.94 -0.13 0.00	15.47 -0.01 0.00	15.94 -0.17 0.00	12.43 -0.19 0.00	13.44 -0.15 0.00	15.14 -0.05 0.00	14.22 -0.20 0.00	15.25 -0.24 0.00	16.50 -0.27 0.00	16.37 -0.27 0.00	16.64 -0.28 0.00	18.01 -0.27 0.00	22.81 -0.43 0.00	22.29 -0.50 0.00	27.79 -0.87 0.00	25.89 -0.66 0.00	20.11 -0.58 0.00	19.04 -0.69 0.00	19.73 -0.71 0.00	15.02 -0.26 -0.18
SYNERGY___BIOGAS 323694	18.15 0.39 0.00	14.02 0.43 0.00	17.74 0.52 0.00	13.34 0.36 0.00	12.41 0.34 0.00	16.01 0.54 0.00	16.59 0.48 0.00	12.93 0.31 0.00	13.91 0.32 0.00	15.60 0.42 0.00	14.72 0.30 0.00	15.84 0.34 0.00	17.14 0.37 0.00	17.02 0.38 0.00	17.31 0.40 0.00	18.75 0.47 0.00	23.72 0.48 0.00	23.37 0.58 0.00	29.43 0.77 0.00	27.48 0.93 0.00	21.44 0.74 0.00	20.31 0.57 0.00	20.95 0.51 0.00	15.73 0.49 -0.14
SYRACUSE___ENERGY_ST1 323597	17.78 0.02 0.00	13.65 0.05 0.00	17.28 0.06 0.00	13.02 0.03 0.00	12.11 0.04 0.00	15.53 0.06 0.00	16.16 0.05 0.00	12.65 0.03 0.00	13.63 0.04 0.00	15.26 0.08 0.00	14.47 0.04 0.00	15.56 0.06 0.00	16.83 0.07 0.00	16.71 0.07 0.00	17.00 0.08 0.00	18.39 0.10 0.00	23.40 0.16 0.00	23.00 0.22 0.00	28.95 0.29 0.00	26.83 0.28 0.00	20.92 0.22 0.00	19.89 0.16 0.00	20.56 0.11 0.00	15.33 0.11 -0.12
SYRACUSE___ENERGY_ST2 323598	17.78 0.02 0.00	13.65 0.05 0.00	17.28 0.06 0.00	13.02 0.03 0.00	12.11 0.04 0.00	15.53 0.06 0.00	16.16 0.05 0.00	12.65 0.03 0.00	13.63 0.04 0.00	15.26 0.08 0.00	14.47 0.04 0.00	15.56 0.06 0.00	16.83 0.07 0.00	16.71 0.07 0.00	17.00 0.08 0.00	18.39 0.10 0.00	23.40 0.16 0.00	23.00 0.22 0.00	28.95 0.29 0.00	26.83 0.28 0.00	20.92 0.22 0.00	19.89 0.16 0.00	20.56 0.11 0.00	15.33 0.11 -0.12
SYRACUSE___POWER 24017	17.79 0.04 0.00	13.66 0.06 0.00	17.29 0.07 0.00	13.02 0.04 0.00	12.10 0.04 0.00	15.54 0.06 0.00	16.16 0.05 0.00	12.65 0.03 0.00	13.62 0.03 0.00	15.25 0.07 0.00	14.47 0.05 0.00	15.56 0.06 0.00	16.83 0.07 0.00	16.72 0.08 0.00	17.01 0.09 0.00	18.41 0.12 0.00	23.41 0.16 0.00	23.01 0.22 0.00	28.96 0.31 0.00	26.85 0.30 0.00	20.94 0.24 0.00	19.90 0.17 0.00	20.58 0.13 0.00	15.34 0.12 -0.12
TALLMAN__138KV_BK151 55660	18.72 0.96 0.00	14.26 0.66 0.00	18.00 0.78 0.00	13.61 0.63 0.00	12.62 0.56 0.00	16.13 0.65 0.00	16.84 0.73 0.00	13.23 0.60 0.00	14.28 0.69 0.00	15.98 0.80 0.00	15.26 0.84 0.00	16.42 0.92 0.00	17.82 1.06 0.00	17.70 1.07 0.00	18.01 1.10 0.00	19.47 1.18 0.00	24.66 1.42 0.00	24.24 1.45 0.00	30.39 1.73 0.00	28.03 1.48 0.00	21.89 1.20 0.00	20.82 1.09 0.00	21.64 1.20 0.00	17.00 0.84 -1.06
TEALLAVE_115KV_TB7 355573	17.71 -0.05 0.00	13.60 0.01 0.00	17.21 -0.01 0.00	12.97 -0.02 0.00	12.06 -0.01 0.00	15.48 0.00 0.00	16.09 -0.02 0.00	12.60 -0.03 0.00	13.56 -0.03 0.00	15.19 0.01 0.00	14.41 -0.01 0.00	15.49 0.00 0.00	16.77 0.00 0.00	16.66 0.02 0.00	16.94 0.02 0.00	18.33 0.04 0.00	23.30 0.05 0.00	22.90 0.11 0.00	28.80 0.15 0.00	26.71 0.16 0.00	20.82 0.12 0.00	19.79 0.06 0.00	20.47 0.02 0.00	15.25 0.04 -0.10
TELGRAPH_34_KV_EAST 80808	17.67 -0.09 0.00	13.75 0.16 0.00	17.36 0.14 0.00	13.03 0.04 0.00	12.14 0.07 0.00	15.71 0.24 0.00	16.20 0.09 0.00	12.65 0.03 0.00	13.67 0.08 0.00	15.40 0.21 0.00	14.54 0.11 0.00	15.54 0.04 0.00	16.80 0.04 0.00	16.68 0.04 0.00	16.97 0.05 0.00	18.37 0.09 0.00	23.42 0.18 0.00	22.82 0.03 0.00	28.51 -0.15 0.00	26.56 0.01 0.00	20.63 -0.06 0.00	19.54 -0.19 0.00	20.22 -0.22 0.00	15.34 0.06 -0.17
TEMPLE___115KV_TB 2 55572	17.72 -0.03 0.00	13.61 0.01 0.00	17.23 0.01 0.00	12.98 -0.01 0.00	12.06 0.00 0.00	15.48 0.01 0.00	16.10 0.00 0.00	12.60 -0.02 0.00	13.58 -0.01 0.00	15.21 0.02 0.00	14.42 0.00 0.00	15.51 0.02 0.00	16.78 0.02 0.00	16.67 0.03 0.00	16.96 0.04 0.00	18.35 0.06 0.00	23.32 0.08 0.00	22.92 0.13 0.00	28.83 0.17 0.00	26.73 0.18 0.00	20.83 0.13 0.00	19.81 0.08 0.00	20.48 0.04 0.00	15.26 0.05 -0.11
TIANA____69_KV_BK 1 55817	19.02 1.26 0.00	14.49 0.89 0.00	18.41 1.19 0.00	13.86 0.87 0.00	12.85 0.78 0.00	16.33 0.86 0.00	17.21 1.10 0.00	13.50 0.87 0.00	14.39 0.80 0.00	16.20 1.02 0.00	15.59 1.17 0.00	16.71 1.21 0.00	18.16 1.39 0.00	18.05 1.41 0.00	18.33 1.41 0.00	19.78 1.49 0.00	25.13 1.89 0.00	24.81 2.02 0.00	31.11 2.45 0.00	28.69 2.14 0.00	22.45 1.75 0.00	21.46 1.73 0.00	22.26 1.82 0.00	17.33 1.12 -1.11
TILDEN___115KV_TB1 80814	17.79 0.04 0.00	13.66 0.06 0.00	17.29 0.07 0.00	13.02 0.04 0.00	12.10 0.04 0.00	15.54 0.06 0.00	16.16 0.05 0.00	12.65 0.03 0.00	13.62 0.03 0.00	15.25 0.07 0.00	14.47 0.05 0.00	15.56 0.06 0.00	16.83 0.07 0.00	16.72 0.08 0.00	17.01 0.09 0.00	18.41 0.12 0.00	23.41 0.16 0.00	23.01 0.22 0.00	28.96 0.31 0.00	26.85 0.30 0.00	20.94 0.24 0.00	19.90 0.17 0.00	20.58 0.13 0.00	15.34 0.12 -0.12
TRIGEN___CC 323695	18.77 1.02 0.00	14.30 0.70 0.00	18.06 0.84 0.00	13.65 0.66 0.00	12.66 0.59 0.00	16.15 0.67 0.00	16.88 0.77 0.00	13.25 0.63 0.00	14.26 0.67 0.00	16.02 0.84 0.00	15.38 0.96 0.00	16.51 1.01 0.00	17.94 1.18 0.00	17.83 1.19 0.00	18.12 1.21 0.00	19.54 1.25 0.00	24.75 1.51 0.00	24.36 1.57 0.00	30.52 1.86 0.00	28.12 1.57 0.00	22.00 1.30 0.00	21.02 1.29 0.00	21.82 1.38 0.00	17.11 0.90 -1.11
TRINITY__115KV__ 4 BK 55933	18.15 0.40 0.00	13.90 0.30 0.00	17.59 0.37 0.00	13.34 0.36 0.00	12.39 0.32 0.00	15.80 0.32 0.00	16.47 0.36 0.00	12.92 0.30 0.00	13.85 0.26 0.00	15.41 0.23 0.00	14.66 0.24 0.00	15.75 0.26 0.00	17.11 0.34 0.00	16.98 0.34 0.00	17.26 0.34 0.00	18.64 0.35 0.00	23.73 0.49 0.00	23.37 0.58 0.00	29.39 0.73 0.00	27.18 0.63 0.00	21.17 0.47 0.00	20.20 0.47 0.00	20.90 0.46 0.00	16.83 0.31 -1.41

UNION___PROCESSING_DRP 323587	17.72 -0.04 0.00	13.69 0.09 0.00	17.33 0.11 0.00	13.03 0.05 0.00	12.13 0.06 0.00	15.64 0.17 0.00	16.20 0.08 0.00	12.66 0.04 0.00	13.66 0.07 0.00	15.35 0.16 0.00	14.50 0.08 0.00	15.60 0.11 0.00	16.89 0.12 0.00	16.76 0.12 0.00	17.05 0.13 0.00	18.46 0.18 0.00	23.38 0.14 0.00	22.97 0.19 0.00	28.83 0.18 0.00	26.81 0.26 0.00	20.86 0.17 0.00	19.78 0.05 0.00	20.45 0.00 0.00	15.35 0.11 -0.14
UPPER HUDSON___HYD 24058	19.22 1.46 0.00	14.69 1.10 0.00	18.56 1.34 0.00	14.01 1.03 0.00	13.01 0.95 0.00	16.68 1.20 0.00	17.37 1.26 0.00	13.55 0.93 0.00	14.58 0.99 0.00	16.22 1.03 0.00	15.33 0.91 0.00	16.48 0.99 0.00	17.90 1.14 0.00	17.64 0.99 0.00	17.93 1.02 0.00	19.39 1.11 0.00	24.92 1.68 0.00	24.64 1.85 0.00	31.27 2.62 0.00	28.96 2.41 0.00	22.56 1.86 0.00	21.49 1.76 0.00	22.15 1.71 0.00	17.75 1.19 -1.46
UPPER RAQUET___HYD 24056	17.48 -0.28 0.00	13.35 -0.25 0.00	16.92 -0.30 0.00	12.74 -0.24 0.00	11.86 -0.20 0.00	15.25 -0.22 0.00	15.88 -0.23 0.00	12.45 -0.18 0.00	13.40 -0.19 0.00	14.94 -0.24 0.00	14.15 -0.27 0.00	15.17 -0.32 0.00	16.37 -0.39 0.00	16.23 -0.41 0.00	16.50 -0.42 0.00	17.85 -0.44 0.00	22.72 -0.51 0.00	22.23 -0.56 0.00	28.00 -0.66 0.00	26.03 -0.51 0.00	20.36 -0.34 0.00	19.54 -0.20 0.00	20.24 -0.20 0.00	14.87 -0.26 -0.03
VALLEY44_115KV_TB2 355964	18.16 0.40 0.00	14.14 0.55 0.00	17.89 0.67 0.00	13.38 0.39 0.00	12.45 0.38 0.00	16.05 0.58 0.00	16.63 0.52 0.00	13.03 0.41 0.00	14.12 0.53 0.00	15.96 0.78 0.00	15.06 0.64 0.00	16.13 0.64 0.00	17.34 0.58 0.00	17.23 0.59 0.00	17.58 0.66 0.00	19.08 0.80 0.00	24.21 0.97 0.00	23.62 0.83 0.00	29.57 0.91 0.00	27.39 0.84 0.00	21.27 0.57 0.00	20.11 0.37 0.00	20.89 0.45 0.00	15.77 0.45 -0.21
VALLEY___115KV_TB 1-4 80826	17.79 0.03 0.00	13.63 0.03 0.00	17.30 0.07 0.00	13.07 0.08 0.00	12.17 0.10 0.00	15.55 0.08 0.00	16.21 0.10 0.00	12.63 0.01 0.00	13.56 -0.03 0.00	15.12 -0.06 0.00	14.31 -0.11 0.00	15.38 -0.11 0.00	16.72 -0.05 0.00	16.60 -0.04 0.00	16.89 -0.03 0.00	18.27 -0.01 0.00	23.26 0.02 0.00	22.94 0.15 0.00	28.88 0.22 0.00	26.74 0.19 0.00	20.78 0.08 0.00	19.75 0.02 0.00	20.37 -0.07 0.00	15.02 -0.08 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.38 0.62 0.00	14.06 0.46 0.00	17.79 0.57 0.00	13.40 0.42 0.00	12.44 0.38 0.00	15.95 0.48 0.00	16.62 0.51 0.00	13.08 0.45 0.00	14.19 0.60 0.00	15.75 0.57 0.00	15.02 0.60 0.00	16.15 0.66 0.00	17.48 0.72 0.00	17.35 0.71 0.00	17.65 0.74 0.00	19.10 0.81 0.00	24.28 1.05 0.00	23.84 1.05 0.00	29.97 1.32 0.00	27.75 1.20 0.00	21.63 0.93 0.00	20.58 0.85 0.00	21.31 0.87 0.00	16.14 0.57 -0.46
VISCHER___FERRY HYD 24020	18.53 0.78 0.00	14.17 0.58 0.00	17.97 0.75 0.00	13.62 0.63 0.00	12.64 0.58 0.00	16.17 0.70 0.00	16.84 0.73 0.00	13.16 0.53 0.00	14.11 0.52 0.00	15.68 0.49 0.00	14.92 0.49 0.00	16.02 0.52 0.00	17.39 0.63 0.00	17.24 0.61 0.00	17.54 0.62 0.00	18.94 0.65 0.00	24.12 0.88 0.00	23.77 0.98 0.00	29.91 1.26 0.00	27.69 1.14 0.00	21.56 0.86 0.00	20.59 0.86 0.00	21.30 0.86 0.00	17.14 0.61 -1.43
V_A_10_SYNC_DSASP 323832	17.53 -0.23 0.00	13.61 0.02 0.00	17.24 0.02 0.00	12.95 -0.03 0.00	12.06 0.00 0.00	15.59 0.12 0.00	16.11 0.00 0.00	12.60 -0.03 0.00	13.61 0.02 0.00	15.31 0.13 0.00	14.43 0.01 0.00	15.48 -0.01 0.00	16.73 -0.03 0.00	16.61 -0.03 0.00	16.89 -0.03 0.00	18.29 0.00 0.00	23.16 -0.08 0.00	22.67 -0.12 0.00	28.34 -0.32 0.00	26.35 -0.20 0.00	20.47 -0.22 0.00	19.40 -0.33 0.00	20.10 -0.34 0.00	15.20 -0.06 -0.16
V_CMM_10_SYNC_DSASP 323787	17.45 -0.30 0.00	13.34 -0.25 0.00	16.92 -0.30 0.00	12.74 -0.25 0.00	11.85 -0.22 0.00	15.22 -0.25 0.00	15.85 -0.26 0.00	12.44 -0.18 0.00	13.40 -0.19 0.00	14.95 -0.23 0.00	14.19 -0.23 0.00	15.22 -0.27 0.00	16.44 -0.33 0.00	16.32 -0.33 0.00	16.58 -0.34 0.00	17.92 -0.36 0.00	22.79 -0.45 0.00	22.26 -0.53 0.00	27.98 -0.67 0.00	25.94 -0.61 0.00	20.23 -0.46 0.00	19.32 -0.41 0.00	20.03 -0.41 0.00	14.73 -0.39 -0.02
V_CMP_10_SYNC_DSASP 323788	17.84 0.09 0.00	13.45 -0.14 0.00	16.99 -0.23 0.00	12.80 -0.19 0.00	11.94 -0.13 0.00	15.34 -0.13 0.00	15.99 -0.12 0.00	12.64 0.02 0.00	13.65 0.06 0.00	15.24 0.05 0.00	14.50 0.08 0.00	15.53 0.04 0.00	16.80 0.04 0.00	16.66 0.02 0.00	16.89 -0.02 0.00	18.28 -0.01 0.00	23.36 0.12 0.00	22.91 0.12 0.00	28.95 0.29 0.00	26.90 0.36 0.00	20.89 0.20 0.00	19.87 0.14 0.00	20.54 0.10 0.00	15.04 -0.08 -0.02
V_E_10_SYNC_DSASP 323830	18.97 1.22 0.00	14.59 0.99 0.00	18.41 1.19 0.00	13.83 0.85 0.00	12.90 0.84 0.00	16.60 1.13 0.00	17.27 1.16 0.00	13.45 0.82 0.00	14.44 0.85 0.00	16.07 0.89 0.00	15.15 0.73 0.00	16.28 0.78 0.00	17.59 0.82 0.00	17.47 0.83 0.00	17.79 0.87 0.00	19.36 1.07 0.00	24.79 1.55 0.00	24.48 1.69 0.00	31.13 2.47 0.00	29.09 2.54 0.00	22.65 1.95 0.00	21.45 1.72 0.00	22.08 1.64 0.00	16.41 0.97 -0.34
V_F_30_NSYNC___DSASP 323816	18.90 1.14 0.00	14.45 0.86 0.00	18.30 1.08 0.00	13.83 0.84 0.00	12.85 0.78 0.00	16.44 0.97 0.00	17.13 1.02 0.00	13.38 0.75 0.00	14.38 0.79 0.00	15.99 0.81 0.00	15.18 0.76 0.00	16.31 0.82 0.00	17.73 0.96 0.00	17.55 0.91 0.00	17.84 0.92 0.00	19.30 1.01 0.00	24.64 1.40 0.00	24.32 1.53 0.00	30.70 2.04 0.00	28.42 1.87 0.00	22.14 1.44 0.00	21.10 1.37 0.00	21.79 1.35 0.00	17.50 0.94 -1.46
V_F_30_SYNC_DSASP 323786	18.22 0.47 0.00	13.95 0.35 0.00	17.65 0.43 0.00	13.38 0.40 0.00	12.43 0.36 0.00	15.86 0.38 0.00	16.53 0.42 0.00	12.96 0.34 0.00	13.91 0.32 0.00	15.47 0.29 0.00	14.72 0.30 0.00	15.82 0.32 0.00	17.17 0.41 0.00	17.05 0.41 0.00	17.34 0.42 0.00	18.73 0.45 0.00	23.86 0.62 0.00	23.49 0.70 0.00	29.55 0.90 0.00	27.32 0.78 0.00	21.27 0.58 0.00	20.30 0.57 0.00	20.99 0.55 0.00	16.90 0.38 -1.42
V_XM_10_SYNC_DSASP 323789	17.84 0.09 0.00	13.45 -0.14 0.00	16.99 -0.23 0.00	12.80 -0.19 0.00	11.94 -0.13 0.00	15.34 -0.13 0.00	15.99 -0.12 0.00	12.64 0.02 0.00	13.65 0.06 0.00	15.24 0.05 0.00	14.50 0.08 0.00	15.53 0.04 0.00	16.80 0.04 0.00	16.66 0.02 0.00	16.89 -0.02 0.00	18.28 -0.01 0.00	23.36 0.12 0.00	22.91 0.12 0.00	28.95 0.29 0.00	26.90 0.36 0.00	20.89 0.20 0.00	19.87 0.14 0.00	20.54 0.10 0.00	15.04 -0.08 -0.02
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	18.78 1.02 0.00	14.31 0.72 0.00	18.06 0.84 0.00	13.66 0.67 0.00	12.67 0.60 0.00	16.19 0.72 0.00	16.90 0.79 0.00	13.28 0.65 0.00	14.33 0.75 0.00	16.04 0.86 0.00	15.31 0.88 0.00	16.47 0.98 0.00	17.89 1.12 0.00	17.77 1.13 0.00	18.08 1.16 0.00	19.54 1.25 0.00	24.75 1.51 0.00	24.33 1.54 0.00	30.50 1.85 0.00	28.14 1.59 0.00	21.98 1.28 0.00	20.90 1.17 0.00	21.72 1.28 0.00	17.06 0.90 -1.07

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.90 1.15 0.00	14.41 0.82 0.00	18.17 0.95 0.00	13.76 0.78 0.00	12.76 0.70 0.00	16.30 0.83 0.00	17.01 0.91 0.00	13.38 0.76 0.00	14.46 0.87 0.00	16.15 0.97 0.00	15.42 1.00 0.00	16.59 1.09 0.00	18.00 1.24 0.00	17.88 1.24 0.00	18.18 1.26 0.00	19.64 1.35 0.00	24.84 1.60 0.00	24.37 1.58 0.00	30.52 1.87 0.00	28.15 1.60 0.00	22.02 1.32 0.00	20.96 1.23 0.00	21.83 1.39 0.00	17.18 0.98 -1.11
W50THST__13_KV_LOAD 356117	18.96 1.21 0.00	14.46 0.86 0.00	18.22 1.00 0.00	13.80 0.82 0.00	12.80 0.74 0.00	16.35 0.87 0.00	17.07 0.96 0.00	13.43 0.81 0.00	14.51 0.92 0.00	16.21 1.03 0.00	15.49 1.07 0.00	16.66 1.17 0.00	18.08 1.31 0.00	17.95 1.31 0.00	18.25 1.34 0.00	19.72 1.43 0.00	24.96 1.72 0.00	24.48 1.69 0.00	30.65 1.99 0.00	28.25 1.70 0.00	22.10 1.40 0.00	21.03 1.30 0.00	21.91 1.46 0.00	17.24 1.04 -1.11
WADING RIVER_IC_1 23522	18.64 0.89 0.00	14.21 0.61 0.00	18.09 0.87 0.00	13.61 0.62 0.00	12.61 0.54 0.00	16.02 0.54 0.00	16.90 0.79 0.00	13.25 0.63 0.00	14.08 0.49 0.00	15.82 0.64 0.00	15.23 0.81 0.00	16.32 0.82 0.00	17.74 0.98 0.00	17.65 1.01 0.00	17.93 1.01 0.00	19.32 1.04 0.00	24.56 1.32 0.00	24.23 1.45 0.00	30.39 1.73 0.00	28.03 1.48 0.00	21.96 1.26 0.00	21.01 1.28 0.00	21.83 1.39 0.00	17.03 0.82 -1.11
WADING RIVER_IC_2 23547	18.64 0.89 0.00	14.21 0.61 0.00	18.09 0.87 0.00	13.61 0.62 0.00	12.61 0.54 0.00	16.02 0.54 0.00	16.90 0.79 0.00	13.25 0.63 0.00	14.08 0.49 0.00	15.82 0.64 0.00	15.23 0.81 0.00	16.32 0.82 0.00	17.74 0.98 0.00	17.65 1.01 0.00	17.93 1.01 0.00	19.32 1.04 0.00	24.56 1.32 0.00	24.23 1.45 0.00	30.39 1.73 0.00	28.03 1.48 0.00	21.96 1.26 0.00	21.01 1.28 0.00	21.83 1.39 0.00	17.03 0.82 -1.11
WADING RIVER_IC_3 23601	18.64 0.89 0.00	14.21 0.61 0.00	18.09 0.87 0.00	13.61 0.62 0.00	12.61 0.54 0.00	16.02 0.54 0.00	16.90 0.79 0.00	13.25 0.63 0.00	14.08 0.49 0.00	15.82 0.64 0.00	15.23 0.81 0.00	16.32 0.82 0.00	17.74 0.98 0.00	17.65 1.01 0.00	17.93 1.01 0.00	19.32 1.04 0.00	24.56 1.32 0.00	24.23 1.45 0.00	30.39 1.73 0.00	28.03 1.48 0.00	21.96 1.26 0.00	21.01 1.28 0.00	21.83 1.39 0.00	17.03 0.82 -1.11
WALDENNY_12_KV_BK2 80841	17.83 0.07 0.00	13.88 0.29 0.00	17.55 0.33 0.00	13.15 0.16 0.00	12.24 0.17 0.00	15.83 0.36 0.00	16.36 0.25 0.00	12.78 0.16 0.00	13.83 0.24 0.00	15.60 0.42 0.00	14.69 0.27 0.00	15.77 0.28 0.00	17.06 0.29 0.00	16.94 0.30 0.00	17.25 0.33 0.00	18.69 0.41 0.00	23.68 0.44 0.00	23.13 0.34 0.00	28.90 0.24 0.00	26.84 0.29 0.00	20.82 0.12 0.00	19.70 -0.03 0.00	20.40 -0.05 0.00	15.46 0.17 -0.19
WALDEN__HYDRO 24148	18.82 1.07 0.00	14.35 0.75 0.00	18.09 0.87 0.00	13.68 0.69 0.00	12.68 0.61 0.00	16.21 0.74 0.00	16.91 0.81 0.00	13.27 0.64 0.00	14.31 0.72 0.00	15.99 0.81 0.00	15.25 0.82 0.00	16.40 0.91 0.00	17.80 1.04 0.00	17.68 1.04 0.00	17.99 1.07 0.00	19.45 1.16 0.00	24.67 1.43 0.00	24.30 1.51 0.00	30.51 1.86 0.00	28.21 1.66 0.00	22.09 1.39 0.00	21.01 1.28 0.00	21.79 1.34 0.00	17.10 0.93 -1.07
WARRENSBURG____ 23737	19.22 1.46 0.00	14.69 1.10 0.00	18.56 1.34 0.00	14.01 1.03 0.00	13.01 0.95 0.00	16.68 1.20 0.00	17.37 1.26 0.00	13.55 0.93 0.00	14.58 0.99 0.00	16.22 1.03 0.00	15.33 0.91 0.00	16.48 0.99 0.00	17.90 1.14 0.00	17.64 0.99 0.00	17.93 1.02 0.00	19.39 1.11 0.00	24.92 1.68 0.00	24.64 1.85 0.00	31.27 2.62 0.00	28.96 2.41 0.00	22.56 1.86 0.00	21.49 1.76 0.00	22.15 1.71 0.00	17.75 1.19 -1.46
WATERSIDE____6 8 9 23538	18.90 1.15 0.00	14.42 0.82 0.00	18.17 0.94 0.00	13.77 0.78 0.00	12.77 0.70 0.00	16.30 0.83 0.00	17.02 0.91 0.00	13.39 0.77 0.00	14.45 0.87 0.00	16.14 0.96 0.00	15.41 0.99 0.00	16.59 1.09 0.00	18.00 1.23 0.00	17.87 1.23 0.00	18.17 1.25 0.00	19.62 1.33 0.00	24.83 1.59 0.00	24.39 1.60 0.00	30.51 1.85 0.00	28.17 1.62 0.00	22.03 1.34 0.00	20.97 1.24 0.00	21.82 1.38 0.00	17.18 0.97 -1.11
WATKINRD_115KV_LN8_ILLION 55919	17.81 0.05 0.00	13.64 0.04 0.00	17.28 0.06 0.00	13.05 0.07 0.00	12.14 0.07 0.00	15.53 0.06 0.00	16.18 0.07 0.00	12.64 0.02 0.00	13.58 -0.01 0.00	15.14 -0.04 0.00	14.35 -0.07 0.00	15.43 -0.06 0.00	16.74 -0.03 0.00	16.62 -0.02 0.00	16.90 -0.01 0.00	18.28 0.00 0.00	23.28 0.03 0.00	22.93 0.14 0.00	28.87 0.22 0.00	26.75 0.20 0.00	20.83 0.13 0.00	19.84 0.10 0.00	20.50 0.05 0.00	15.11 0.01 0.00
WATSON____69_KV_BK 1 55734	19.06 1.31 0.00	14.52 0.92 0.00	18.37 1.15 0.00	13.85 0.87 0.00	12.84 0.78 0.00	16.36 0.89 0.00	17.15 1.04 0.00	13.46 0.84 0.00	14.42 0.83 0.00	16.22 1.04 0.00	15.61 1.19 0.00	16.74 1.25 0.00	18.20 1.44 0.00	18.10 1.46 0.00	18.38 1.47 0.00	19.81 1.53 0.00	25.15 1.91 0.00	24.81 2.02 0.00	31.08 2.42 0.00	28.66 2.12 0.00	22.47 1.78 0.00	21.50 1.77 0.00	22.30 1.86 0.00	17.40 1.20 -1.11
WDELAWARE__HYD 323627	18.33 0.57 0.00	13.95 0.35 0.00	17.60 0.38 0.00	13.28 0.30 0.00	12.31 0.25 0.00	15.75 0.27 0.00	16.44 0.32 0.00	12.92 0.29 0.00	13.94 0.35 0.00	15.63 0.45 0.00	14.95 0.53 0.00	16.10 0.61 0.00	17.41 0.64 0.00	16.89 0.25 0.00	17.18 0.26 0.00	18.58 0.30 0.00	23.60 0.36 0.00	23.26 0.48 0.00	29.27 0.61 0.00	27.04 0.49 0.00	21.20 0.50 0.00	20.58 0.85 0.00	21.31 0.87 0.00	16.64 0.54 -0.99
WEST BABYLON__IC 23714	19.00 1.25 0.00	14.48 0.88 0.00	18.31 1.09 0.00	13.81 0.82 0.00	12.81 0.74 0.00	16.32 0.84 0.00	17.09 0.98 0.00	13.41 0.79 0.00	14.38 0.79 0.00	16.17 0.99 0.00	15.55 1.13 0.00	16.69 1.19 0.00	18.14 1.37 0.00	18.04 1.40 0.00	18.32 1.40 0.00	19.74 1.45 0.00	25.04 1.80 0.00	24.70 1.92 0.00	30.93 2.28 0.00	28.53 1.99 0.00	22.36 1.66 0.00	21.39 1.66 0.00	22.20 1.75 0.00	17.34 1.14 -1.11
WEST CANADA__HYD 24049	17.80 0.05 0.00	13.64 0.04 0.00	17.27 0.05 0.00	13.02 0.04 0.00	12.10 0.04 0.00	15.52 0.05 0.00	16.16 0.05 0.00	12.65 0.03 0.00	13.62 0.03 0.00	15.21 0.03 0.00	14.45 0.03 0.00	15.53 0.03 0.00	16.81 0.05 0.00	16.69 0.05 0.00	16.96 0.05 0.00	18.33 0.04 0.00	23.30 0.07 0.00	22.88 0.09 0.00	28.77 0.11 0.00	26.65 0.11 0.00	20.78 0.08 0.00	19.79 0.06 0.00	20.50 0.06 0.00	15.14 0.04 0.00
WESTERN_NY_WIND 24143	17.80 0.04 0.00	13.85 0.25 0.00	17.47 0.25 0.00	13.10 0.12 0.00	12.22 0.15 0.00	15.82 0.34 0.00	16.29 0.18 0.00	12.72 0.10 0.00	13.72 0.13 0.00	15.44 0.26 0.00	14.60 0.18 0.00	15.56 0.07 0.00	16.83 0.06 0.00	16.71 0.07 0.00	17.00 0.08 0.00	18.43 0.14 0.00	23.63 0.39 0.00	22.95 0.16 0.00	28.72 0.06 0.00	26.83 0.28 0.00	20.84 0.14 0.00	19.75 0.02 0.00	20.43 -0.01 0.00	15.48 0.21 -0.18

WESTOVER___LESR 323668	18.10 0.34 0.00	13.95 0.35 0.00	17.63 0.41 0.00	13.26 0.28 0.00	12.32 0.26 0.00	15.82 0.34 0.00	16.46 0.35 0.00	12.89 0.27 0.00	13.90 0.31 0.00	15.61 0.42 0.00	14.79 0.37 0.00	15.90 0.41 0.00	17.18 0.41 0.00	17.07 0.43 0.00	17.39 0.48 0.00	18.84 0.56 0.00	23.95 0.71 0.00	23.50 0.71 0.00	29.55 0.89 0.00	27.35 0.79 0.00	21.29 0.59 0.00	20.22 0.49 0.00	20.95 0.50 0.00	15.84 0.38 -0.36
WETHRSFD_WT_PWR 323626	17.83 0.07 0.00	13.87 0.27 0.00	17.52 0.30 0.00	13.15 0.16 0.00	12.24 0.18 0.00	15.80 0.32 0.00	16.34 0.23 0.00	12.76 0.14 0.00	13.78 0.19 0.00	15.58 0.39 0.00	14.68 0.26 0.00	15.76 0.27 0.00	17.01 0.24 0.00	16.89 0.25 0.00	17.21 0.29 0.00	18.68 0.40 0.00	23.62 0.38 0.00	23.03 0.24 0.00	28.85 0.20 0.00	26.80 0.25 0.00	20.77 0.07 0.00	19.62 -0.11 0.00	20.28 -0.17 0.00	15.34 0.03 -0.21
WHAVSTOR_138KV_BK127 55557	18.71 0.95 0.00	14.26 0.66 0.00	17.99 0.77 0.00	13.61 0.62 0.00	12.62 0.55 0.00	16.13 0.65 0.00	16.83 0.72 0.00	13.22 0.60 0.00	14.28 0.69 0.00	15.97 0.79 0.00	15.24 0.82 0.00	16.40 0.91 0.00	17.80 1.04 0.00	17.68 1.04 0.00	17.99 1.07 0.00	19.43 1.15 0.00	24.62 1.38 0.00	24.20 1.41 0.00	30.34 1.68 0.00	28.00 1.45 0.00	21.87 1.17 0.00	20.80 1.07 0.00	21.62 1.18 0.00	16.99 0.82 -1.07
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	18.71 0.95 0.00	14.26 0.66 0.00	17.99 0.77 0.00	13.61 0.62 0.00	12.62 0.55 0.00	16.13 0.65 0.00	16.83 0.72 0.00	13.22 0.60 0.00	14.28 0.69 0.00	15.97 0.79 0.00	15.24 0.82 0.00	16.40 0.91 0.00	17.80 1.04 0.00	17.68 1.04 0.00	17.99 1.07 0.00	19.43 1.15 0.00	24.62 1.38 0.00	24.20 1.41 0.00	30.34 1.68 0.00	28.00 1.45 0.00	21.87 1.17 0.00	20.80 1.07 0.00	21.62 1.18 0.00	16.99 0.82 -1.07
WHITEHAL_115KV_TB1 80871	19.82 2.07 0.00	15.20 1.60 0.00	19.07 1.85 0.00	14.40 1.42 0.00	13.36 1.29 0.00	17.15 1.68 0.00	17.85 1.74 0.00	13.83 1.21 0.00	14.89 1.30 0.00	16.45 1.27 0.00	15.67 1.25 0.00	16.85 1.35 0.00	18.34 1.58 0.00	18.07 1.43 0.00	18.35 1.44 0.00	19.82 1.54 0.00	25.42 2.18 0.00	25.15 2.36 0.00	31.90 3.25 0.00	29.55 3.00 0.00	23.05 2.35 0.00	21.97 2.24 0.00	22.64 2.20 0.00	18.15 1.59 -1.46
WHITEPLN_13_KV_LOAD 356215	18.92 1.16 0.00	14.42 0.82 0.00	18.17 0.95 0.00	13.75 0.76 0.00	12.75 0.68 0.00	16.28 0.81 0.00	17.00 0.89 0.00	13.36 0.74 0.00	14.43 0.84 0.00	16.16 0.98 0.00	15.41 0.99 0.00	16.58 1.08 0.00	17.99 1.23 0.00	17.87 1.23 0.00	18.18 1.26 0.00	19.64 1.36 0.00	24.88 1.64 0.00	24.45 1.66 0.00	30.64 1.99 0.00	28.26 1.72 0.00	22.09 1.40 0.00	21.03 1.30 0.00	21.85 1.41 0.00	17.22 1.01 -1.10
WM_FLOYD_69_KV_BK2 356380	18.82 1.06 0.00	14.34 0.75 0.00	18.21 0.98 0.00	13.71 0.73 0.00	12.71 0.64 0.00	16.17 0.69 0.00	17.01 0.90 0.00	13.34 0.72 0.00	14.21 0.62 0.00	15.97 0.78 0.00	15.36 0.94 0.00	16.45 0.96 0.00	17.89 1.12 0.00	17.79 1.15 0.00	18.07 1.15 0.00	19.48 1.20 0.00	24.76 1.52 0.00	24.43 1.64 0.00	30.64 1.99 0.00	28.28 1.73 0.00	22.15 1.45 0.00	21.21 1.47 0.00	22.01 1.57 0.00	17.18 0.98 -1.11
WOODARD__115KV_TB2 355635	17.67 -0.09 0.00	13.57 -0.03 0.00	17.17 -0.05 0.00	12.94 -0.05 0.00	12.03 -0.04 0.00	15.43 -0.04 0.00	16.06 -0.05 0.00	12.57 -0.05 0.00	13.53 -0.06 0.00	15.16 -0.03 0.00	14.37 -0.05 0.00	15.45 -0.05 0.00	16.72 -0.04 0.00	16.61 -0.03 0.00	16.89 -0.03 0.00	18.27 -0.02 0.00	23.22 -0.02 0.00	22.82 0.04 0.00	28.72 0.06 0.00	26.62 0.07 0.00	20.75 0.05 0.00	19.74 0.00 0.00	20.40 -0.04 0.00	15.21 0.00 -0.10
YORK___WARBASSE 23770	19.00 1.25 0.00	14.48 0.88 0.00	18.25 1.03 0.00	13.82 0.83 0.00	12.81 0.75 0.00	16.37 0.89 0.00	17.09 0.98 0.00	13.40 0.78 0.00	14.48 0.89 0.00	16.18 0.99 0.00	15.45 1.03 0.00	16.63 1.14 0.00	18.06 1.30 0.00	17.93 1.29 0.00	18.23 1.32 0.00	19.69 1.41 0.00	24.92 1.68 0.00	24.48 1.69 0.00	30.60 1.95 0.00	28.28 1.73 0.00	22.12 1.42 0.00	21.06 1.33 0.00	21.91 1.47 0.00	17.23 1.03 -1.11