

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

05/24/2023

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	20.27	17.79	17.09	18.48	19.17	21.77	22.34	25.37	25.26	23.42	22.36	19.95	17.35	18.72	17.68	18.08	24.79	21.25	22.79	26.60	22.63	19.87	18.27	17.36
24138	1.30	1.19	0.86	0.69	0.95	1.28	1.38	1.61	1.55	1.49	1.59	1.47	1.18	1.28	1.28	1.38	1.91	1.65	1.77	1.95	1.64	1.34	1.30	1.25
	-0.69	-0.39	-4.28	-7.89	-4.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	20.28	17.80	17.10	18.48	19.18	21.77	22.34	25.34	25.22	23.39	22.32	19.91	17.33	18.69	17.65	18.05	24.75	21.20	22.75	26.57	22.61	19.86	18.26	17.37
24260	1.32	1.20	0.86	0.69	0.96	1.29	1.39	1.58	1.51	1.45	1.55	1.44	1.15	1.25	1.25	1.36	1.87	1.60	1.73	1.91	1.62	1.33	1.29	1.26
	-0.69	-0.39	-4.28	-7.89	-4.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	20.28	17.80	17.10	18.48	19.18	21.77	22.34	25.34	25.22	23.39	22.32	19.91	17.33	18.69	17.65	18.05	24.75	21.20	22.75	26.57	22.61	19.86	18.26	17.37
24261	1.32	1.20	0.86	0.69	0.96	1.29	1.39	1.58	1.51	1.45	1.55	1.44	1.15	1.25	1.25	1.36	1.87	1.60	1.73	1.91	1.62	1.33	1.29	1.26
	-0.69	-0.39	-4.28	-7.89	-4.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	20.38	17.74	18.26	20.70	20.35	21.80	22.29	25.12	24.90	23.04	21.93	19.58	17.12	18.64	17.65	17.95	24.44	20.83	22.50	26.29	22.36	19.67	17.97	17.07
24011	1.21	1.03	0.78	0.61	0.90	1.31	1.34	1.36	1.19	1.11	1.16	1.10	0.93	1.19	1.25	1.25	1.56	1.24	1.48	1.64	1.37	1.14	1.00	0.96
	-0.89	-0.50	-5.53	-10.18	-5.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	20.52	17.86	18.36	20.79	20.46	21.96	22.45	25.27	25.02	23.18	22.09	19.74	17.27	18.82	17.84	18.15	24.68	21.01	22.72	26.47	22.47	19.78	18.06	17.17
23798	1.36	1.15	0.87	0.69	1.01	1.47	1.49	1.51	1.30	1.24	1.32	1.26	1.08	1.37	1.44	1.45	1.80	1.41	1.70	1.82	1.48	1.24	1.09	1.06
	-0.89	-0.50	-5.53	-10.19	-5.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	20.38	17.74	18.26	20.70	20.35	21.80	22.29	25.12	24.90	23.04	21.93	19.58	17.12	18.64	17.65	17.95	24.44	20.83	22.50	26.29	22.36	19.67	17.97	17.07
24028	1.21	1.03	0.78	0.61	0.90	1.31	1.34	1.36	1.19	1.11	1.16	1.10	0.93	1.19	1.25	1.25	1.56	1.24	1.48	1.64	1.37	1.14	1.00	0.96
	-0.89	-0.50	-5.53	-10.18	-5.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	20.27	17.67	18.01	20.29	20.10	21.68	22.12	24.92	24.81	23.09	21.93	19.52	17.03	18.45	17.31	17.47	23.81	20.37	22.06	26.08	22.19	19.51	17.86	17.01
23527	1.14	0.98	0.76	0.62	0.88	1.20	1.16	1.16	1.10	1.15	1.16	1.04	0.85	1.01	0.91	0.77	0.93	0.77	1.04	1.43	1.20	0.97	0.89	0.90
	-0.86	-0.48	-5.30	-9.77	-5.22	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
AIR_PRODUCTS___DRP	19.68	17.22	17.68	20.09	19.78	21.12	21.48	24.25	24.10	22.34	21.22	18.86	16.43	17.73	16.74	17.07	23.24	19.92	21.44	25.13	21.40	18.80	17.26	16.49
24190	0.55	0.53	0.41	0.40	0.54	0.64	0.52	0.49	0.39	0.41	0.45	0.38	0.24	0.29	0.34	0.37	0.36	0.32	0.42	0.48	0.41	0.27	0.30	0.38
	-0.86	-0.48	-5.31	-9.78	-5.23	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
AKWESSNE_115KV_BK	17.79	15.78	11.64	9.67	13.67	20.00	20.48	23.30	23.34	21.61	20.38	18.13	15.94	17.17	16.10	16.34	22.49	19.34	20.70	24.30	20.68	18.30	16.70	15.82
355683	-0.49	-0.42	-0.30	-0.24	-0.33	-0.48	-0.48	-0.46	-0.37	-0.32	-0.39	-0.35	-0.24	-0.28	-0.30	-0.36	-0.39	-0.26	-0.32	-0.35	-0.31	-0.23	-0.27	-0.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	19.68	17.22	17.68	20.09	19.78	21.12	21.48	24.25	24.10	22.34	21.22	18.86	16.43	17.73	16.74	17.07	23.24	19.92	21.44	25.13	21.40	18.80	17.26	16.49
23571	0.55	0.53	0.41	0.40	0.54	0.64	0.52	0.49	0.39	0.41	0.45	0.38	0.24	0.29	0.34	0.37	0.36	0.32	0.42	0.48	0.41	0.27	0.30	0.38
	-0.86	-0.48	-5.31	-9.78	-5.23	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
ALBANY___2	19.68	17.22	17.68	20.09	19.78	21.12	21.48	24.25	24.10	22.34	21.22	18.86	16.43	17.73	16.74	17.07	23.24	19.92	21.44	25.13	21.40	18.80	17.26	16.49
23572	0.55	0.53	0.41	0.40	0.54	0.64	0.52	0.49	0.39	0.41	0.45	0.38	0.24	0.29	0.34	0.37	0.36	0.32	0.42	0.48	0.41	0.27	0.30	0.38
	-0.86	-0.48	-5.31	-9.78	-5.23	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
ALBANY___3	19.68	17.22	17.68	20.09	19.78	21.12	21.48	24.25	24.10	22.34	21.22	18.86	16.43	17.73	16.74	17.07	23.24	19.92	21.44	25.13	21.40	18.80	17.26	16.49
23573	0.55	0.53	0.41	0.40	0.54	0.64	0.52	0.49	0.39	0.41	0.45	0.38	0.24	0.29	0.34	0.37	0.36	0.32	0.42	0.48	0.41	0.27	0.30	0.38
	-0.86	-0.48	-5.31	-9.78	-5.23	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

ALBANY___4 23574	19.68 0.55 -0.86	17.22 0.53 -0.48	17.68 0.41 -5.31	20.09 0.40 -9.78	19.78 0.54 -5.23	21.12 0.64 0.00	21.48 0.52 0.00	24.25 0.49 0.00	24.10 0.39 0.00	22.34 0.41 0.00	21.22 0.45 0.00	18.86 0.38 0.00	16.43 0.24 0.00	17.73 0.29 0.00	16.74 0.34 0.00	17.07 0.37 0.00	23.24 0.36 0.00	19.92 0.32 0.00	21.44 0.42 0.00	25.13 0.48 0.00	21.40 0.41 0.00	18.80 0.27 0.00	17.26 0.30 0.00	16.49 0.38 0.00
ALBANY___LFGE 323615	19.85 0.70 -0.87	17.36 0.66 -0.49	17.87 0.51 -5.41	20.34 0.48 -9.96	19.98 0.65 -5.32	21.29 0.81 0.00	21.67 0.71 0.00	24.46 0.70 0.00	24.32 0.61 0.00	22.55 0.62 0.00	21.43 0.66 0.00	19.04 0.56 0.00	16.60 0.42 0.00	17.92 0.48 0.00	16.92 0.52 0.00	17.25 0.56 0.00	23.48 0.60 0.00	20.10 0.50 0.00	21.63 0.62 0.00	25.37 0.72 0.00	21.61 0.62 0.00	18.98 0.45 0.00	17.41 0.45 0.00	16.62 0.52 0.00
ALCOA_PA_115KV_PL-6C 55860	17.83 -0.44 0.00	15.81 -0.40 0.00	11.66 -0.29 0.00	9.68 -0.22 0.00	13.69 -0.31 0.00	20.04 -0.45 0.00	20.53 -0.42 0.00	23.37 -0.39 0.00	23.42 -0.29 0.00	21.69 -0.24 0.00	20.43 -0.34 0.00	18.18 -0.30 0.00	16.00 -0.18 0.00	17.22 -0.23 0.00	16.15 -0.26 0.00	16.38 -0.31 0.00	22.56 -0.32 0.00	19.40 -0.20 0.00	20.77 -0.25 0.00	24.38 -0.27 0.00	20.77 -0.23 0.00	18.40 -0.14 0.00	16.79 -0.18 0.00	15.90 -0.20 0.00
ALCOA_RYNLDS___DRP 24188	17.83 -0.44 0.00	15.81 -0.40 0.00	11.66 -0.29 0.00	9.68 -0.22 0.00	13.69 -0.31 0.00	20.04 -0.45 0.00	20.53 -0.42 0.00	23.37 -0.39 0.00	23.42 -0.29 0.00	21.69 -0.24 0.00	20.43 -0.34 0.00	18.18 -0.30 0.00	16.00 -0.18 0.00	17.22 -0.23 0.00	16.15 -0.26 0.00	16.38 -0.31 0.00	22.56 -0.32 0.00	19.40 -0.20 0.00	20.77 -0.25 0.00	24.38 -0.27 0.00	20.77 -0.23 0.00	18.40 -0.14 0.00	16.79 -0.18 0.00	15.90 -0.20 0.00
ALCOA___DSASP 323711	17.83 -0.44 0.00	15.81 -0.40 0.00	11.66 -0.29 0.00	9.68 -0.23 0.00	13.69 -0.31 0.00	20.04 -0.44 0.00	20.53 -0.42 0.00	23.37 -0.39 0.00	23.42 -0.29 0.00	21.69 -0.24 0.00	20.43 -0.34 0.00	18.18 -0.30 0.00	16.00 -0.18 0.00	17.22 -0.22 0.00	16.15 -0.25 0.00	16.38 -0.31 0.00	22.56 -0.32 0.00	19.40 -0.20 0.00	20.77 -0.25 0.00	24.38 -0.27 0.00	20.77 -0.22 0.00	18.40 -0.14 0.00	16.79 -0.18 0.00	15.90 -0.20 0.00
ALLEGHENY___COGEN 23514	18.98 0.58 -0.13	16.73 0.45 -0.07	13.02 0.29 -0.78	11.51 0.18 -1.43	15.05 0.28 -0.76	21.15 0.67 0.00	21.62 0.67 0.00	24.40 0.64 0.00	24.01 0.30 0.00	22.00 0.07 0.00	20.80 0.03 0.00	20.19 -0.12 -1.83	16.78 -0.09 -0.69	23.71 0.11 -6.15	20.24 -0.07 -3.90	27.97 -0.01 -11.28	47.47 0.08 -24.50	58.65 -0.13 -39.19	55.72 -0.30 -35.00	27.70 -0.25 -3.31	21.26 0.27 0.00	19.13 0.60 0.00	17.51 0.54 0.00	16.66 0.55 0.00
ALTAMONT_115KV_TB 2 55880	19.84 0.70 -0.86	17.32 0.63 -0.49	17.76 0.48 -5.33	20.13 0.41 -9.81	19.82 0.57 -5.24	21.24 0.76 0.00	21.68 0.72 0.00	24.49 0.73 0.00	24.35 0.64 0.00	22.55 0.61 0.00	21.41 0.64 0.00	19.05 0.58 0.00	16.64 0.46 0.00	17.97 0.53 0.00	16.96 0.56 0.00	17.29 0.59 0.00	23.62 0.74 0.00	20.21 0.62 0.00	21.74 0.72 0.00	25.49 0.84 0.00	21.71 0.72 0.00	19.10 0.57 0.00	17.52 0.55 0.00	16.68 0.57 0.00
ALTONA_WT_PWR 323606	17.50 -0.77 0.00	15.52 -0.68 0.00	11.56 -0.39 0.00	9.63 -0.28 0.00	13.65 -0.36 0.00	20.10 -0.39 0.00	20.91 -0.05 0.00	24.06 0.30 0.00	24.22 0.50 0.00	22.18 0.25 0.00	21.12 0.35 0.00	18.74 0.27 0.00	16.42 0.23 0.00	17.54 0.10 0.00	16.41 0.01 0.00	16.67 -0.03 0.00	22.91 0.04 0.00	20.14 0.53 0.00	21.70 0.68 0.00	25.39 0.74 0.00	21.51 0.52 0.00	18.94 0.41 0.00	17.29 0.33 0.00	16.39 0.28 0.00
AMERICAN_REF_FUEL 24010	17.62 -0.76 -0.11	15.62 -0.64 -0.06	12.09 -0.52 -0.66	10.65 -0.47 -1.22	13.99 -0.67 -0.65	19.89 -0.60 0.00	19.96 -1.00 0.00	22.44 -1.32 0.00	22.34 -1.37 0.00	20.55 -1.38 0.00	19.42 -1.35 0.00	16.78 -1.26 0.43	14.91 -1.11 0.16	14.99 -1.01 1.45	14.24 -1.24 0.92	12.81 -1.26 2.63	15.59 -1.75 5.54	9.06 -1.51 9.03	11.17 -1.73 8.12	21.57 -2.30 0.78	19.25 -1.74 0.00	17.42 -1.12 0.00	16.05 -0.92 0.00	15.46 -0.65 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.29 -0.11 -0.12	16.07 -0.21 -0.07	12.52 -0.18 -0.76	11.10 -0.20 -1.40	14.42 -0.33 -0.74	20.36 -0.13 0.00	20.76 -0.19 0.00	23.79 0.03 0.00	24.00 0.29 0.00	22.30 0.36 0.00	21.04 0.27 0.00	18.19 0.08 0.37	16.17 0.13 0.14	16.37 0.16 1.24	15.12 -0.42 0.86	13.73 -0.49 2.47	17.27 -0.51 5.10	10.41 -0.53 8.65	12.31 -0.70 8.01	23.04 -0.86 0.75	20.44 -0.56 0.00	18.35 -0.18 0.00	16.89 -0.08 0.00	16.10 -0.01 0.00
ARTHUR_KILL_GT_1 23520	20.36 1.39 -0.69	17.86 1.26 -0.39	17.13 0.89 -4.28	18.51 0.72 -7.89	19.22 0.99 -4.21	21.85 1.36 0.00	22.42 1.46 0.00	25.39 1.63 0.00	25.21 1.50 0.00	23.34 1.41 0.00	22.26 1.49 0.00	19.84 1.36 0.00	17.25 1.07 0.00	18.61 1.16 0.00	17.57 1.17 0.00	17.96 1.27 0.00	24.65 1.78 0.00	21.14 1.54 0.00	22.72 1.70 0.00	26.58 1.93 0.00	22.61 1.62 0.00	19.88 1.34 0.00	18.29 1.33 0.00	17.42 1.31 0.00
ARTHUR_KILL_2 23512	20.32 1.35 -0.69	17.82 1.22 -0.39	17.10 0.87 -4.28	18.49 0.69 -7.89	19.18 0.96 -4.21	21.80 1.31 0.00	22.36 1.41 0.00	25.34 1.57 0.00	25.16 1.45 0.00	23.30 1.36 0.00	22.21 1.44 0.00	19.80 1.33 0.00	17.22 1.04 0.00	18.57 1.13 0.00	17.53 1.13 0.00	17.93 1.23 0.00	24.60 1.73 0.00	21.09 1.49 0.00	22.66 1.65 0.00	26.50 1.85 0.00	22.54 1.55 0.00	19.82 1.29 0.00	18.25 1.28 0.00	17.38 1.27 0.00
ARTHUR_KILL_3 23513	20.13 1.16 -0.69	17.65 1.06 -0.39	16.98 0.75 -4.28	18.39 0.59 -7.89	19.04 0.82 -4.21	21.57 1.08 0.00	22.14 1.18 0.00	25.09 1.33 0.00	24.93 1.22 0.00	23.11 1.17 0.00	22.08 1.30 0.00	19.71 1.23 0.00	17.13 0.94 0.00	18.48 1.04 0.00	17.43 1.02 0.00	17.83 1.13 0.00	24.47 1.59 0.00	20.99 1.39 0.00	22.53 1.51 0.00	26.28 1.63 0.00	22.38 1.39 0.00	19.66 1.13 0.00	18.11 1.14 0.00	17.21 1.11 0.00
ARTHUR_KILL_COGEN 323718	20.36 1.39 -0.69	17.86 1.26 -0.39	17.13 0.89 -4.28	18.51 0.72 -7.89	19.22 0.99 -4.21	21.85 1.36 0.00	22.42 1.46 0.00	25.39 1.63 0.00	25.21 1.50 0.00	23.34 1.41 0.00	22.26 1.49 0.00	19.84 1.36 0.00	17.25 1.07 0.00	18.61 1.16 0.00	17.57 1.17 0.00	17.96 1.27 0.00	24.65 1.78 0.00	21.14 1.54 0.00	22.72 1.70 0.00	26.58 1.93 0.00	22.61 1.62 0.00	19.88 1.34 0.00	18.29 1.33 0.00	17.42 1.31 0.00
ASHOKAN____ 23654	19.96 0.92 -0.76	17.48 0.84 -0.43	17.23 0.56 -4.72	19.09 0.49 -8.70	19.36 0.70 -4.65	21.53 1.04 0.00	21.96 1.00 0.00	24.85 1.09 0.00	24.67 0.96 0.00	22.84 0.90 0.00	21.65 0.88 0.00	19.25 0.77 0.00	16.73 0.55 0.00	18.09 0.64 0.00	17.16 0.75 0.00	17.65 0.95 0.00	24.19 1.32 0.00	20.67 1.07 0.00	22.24 1.22 0.00	26.05 1.40 0.00	22.18 1.19 0.00	19.47 0.94 0.00	17.86 0.89 0.00	16.96 0.85 0.00

ASTORIA_EAST_ENERGY_CC1 323581	20.24 1.27 -0.69	17.82 1.22 -0.39	17.09 0.85 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.70 1.21 0.00	22.30 1.35 0.00	25.31 1.55 0.00	25.18 1.47 0.00	23.29 1.36 0.00	22.20 1.43 0.00	19.80 1.32 0.00	17.22 1.04 0.00	18.58 1.14 0.00	17.53 1.13 0.00	17.91 1.22 0.00	24.57 1.70 0.00	21.06 1.46 0.00	22.61 1.59 0.00	26.41 1.76 0.00	22.46 1.47 0.00	19.76 1.23 0.00	18.18 1.21 0.00	17.32 1.21 0.00
ASTORIA_EAST_ENERGY_CC2 323582	20.24 1.27 -0.69	17.82 1.22 -0.39	17.09 0.85 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.70 1.21 0.00	22.30 1.35 0.00	25.31 1.55 0.00	25.18 1.47 0.00	23.29 1.36 0.00	22.20 1.43 0.00	19.80 1.32 0.00	17.22 1.04 0.00	18.58 1.14 0.00	17.53 1.13 0.00	17.91 1.22 0.00	24.57 1.70 0.00	21.06 1.46 0.00	22.61 1.59 0.00	26.41 1.76 0.00	22.46 1.47 0.00	19.76 1.23 0.00	18.18 1.21 0.00	17.32 1.21 0.00
ASTORIA_GT2_1 24094	20.26 1.29 -0.69	17.82 1.22 -0.39	17.09 0.85 -4.28	18.48 0.69 -7.89	19.16 0.94 -4.21	21.71 1.22 0.00	22.31 1.36 0.00	25.31 1.54 0.00	25.18 1.48 0.00	23.31 1.38 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.23 1.04 0.00	18.59 1.14 0.00	17.54 1.14 0.00	17.93 1.24 0.00	24.59 1.71 0.00	21.07 1.47 0.00	22.62 1.61 0.00	26.43 1.78 0.00	22.47 1.48 0.00	19.78 1.25 0.00	18.19 1.23 0.00	17.33 1.22 0.00
ASTORIA_GT2_2 24095	20.26 1.29 -0.69	17.82 1.22 -0.39	17.09 0.85 -4.28	18.48 0.69 -7.89	19.16 0.94 -4.21	21.71 1.22 0.00	22.31 1.36 0.00	25.31 1.54 0.00	25.18 1.48 0.00	23.31 1.38 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.23 1.04 0.00	18.59 1.14 0.00	17.54 1.14 0.00	17.93 1.24 0.00	24.59 1.71 0.00	21.07 1.47 0.00	22.62 1.61 0.00	26.43 1.78 0.00	22.47 1.48 0.00	19.78 1.25 0.00	18.19 1.23 0.00	17.33 1.22 0.00
ASTORIA_GT2_3 24096	20.26 1.29 -0.69	17.82 1.22 -0.39	17.09 0.85 -4.28	18.48 0.69 -7.89	19.16 0.94 -4.21	21.71 1.22 0.00	22.31 1.36 0.00	25.31 1.54 0.00	25.18 1.48 0.00	23.31 1.38 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.23 1.04 0.00	18.59 1.14 0.00	17.54 1.14 0.00	17.93 1.24 0.00	24.59 1.71 0.00	21.07 1.47 0.00	22.62 1.61 0.00	26.43 1.78 0.00	22.47 1.48 0.00	19.78 1.25 0.00	18.19 1.23 0.00	17.33 1.22 0.00
ASTORIA_GT2_4 24097	20.26 1.29 -0.69	17.82 1.22 -0.39	17.09 0.85 -4.28	18.48 0.69 -7.89	19.16 0.94 -4.21	21.71 1.22 0.00	22.31 1.36 0.00	25.31 1.54 0.00	25.18 1.48 0.00	23.31 1.38 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.23 1.04 0.00	18.59 1.14 0.00	17.54 1.14 0.00	17.93 1.24 0.00	24.59 1.71 0.00	21.07 1.47 0.00	22.62 1.61 0.00	26.43 1.78 0.00	22.47 1.48 0.00	19.78 1.25 0.00	18.19 1.23 0.00	17.33 1.22 0.00
ASTORIA_GT3_1 24098	20.26 1.29 -0.69	17.82 1.22 -0.39	17.09 0.85 -4.28	18.48 0.69 -7.89	19.16 0.94 -4.21	21.71 1.22 0.00	22.31 1.36 0.00	25.31 1.54 0.00	25.18 1.48 0.00	23.31 1.38 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.23 1.04 0.00	18.59 1.14 0.00	17.54 1.14 0.00	17.93 1.24 0.00	24.59 1.71 0.00	21.07 1.47 0.00	22.62 1.61 0.00	26.43 1.78 0.00	22.47 1.48 0.00	19.78 1.25 0.00	18.19 1.23 0.00	17.33 1.22 0.00
ASTORIA_GT3_2 24099	20.26 1.29 -0.69	17.82 1.22 -0.39	17.09 0.85 -4.28	18.48 0.69 -7.89	19.16 0.94 -4.21	21.71 1.22 0.00	22.31 1.36 0.00	25.31 1.54 0.00	25.18 1.48 0.00	23.31 1.38 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.23 1.04 0.00	18.59 1.14 0.00	17.54 1.14 0.00	17.93 1.24 0.00	24.59 1.71 0.00	21.07 1.47 0.00	22.62 1.61 0.00	26.43 1.78 0.00	22.47 1.48 0.00	19.78 1.25 0.00	18.19 1.23 0.00	17.33 1.22 0.00
ASTORIA_GT3_3 24100	20.26 1.29 -0.69	17.82 1.22 -0.39	17.09 0.85 -4.28	18.48 0.69 -7.89	19.16 0.94 -4.21	21.71 1.22 0.00	22.31 1.36 0.00	25.31 1.54 0.00	25.18 1.48 0.00	23.31 1.38 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.23 1.04 0.00	18.59 1.14 0.00	17.54 1.14 0.00	17.93 1.24 0.00	24.59 1.71 0.00	21.07 1.47 0.00	22.62 1.61 0.00	26.43 1.78 0.00	22.47 1.48 0.00	19.78 1.25 0.00	18.19 1.23 0.00	17.33 1.22 0.00
ASTORIA_GT3_4 24101	20.26 1.29 -0.69	17.82 1.22 -0.39	17.09 0.85 -4.28	18.48 0.69 -7.89	19.16 0.94 -4.21	21.71 1.22 0.00	22.31 1.36 0.00	25.31 1.54 0.00	25.18 1.48 0.00	23.31 1.38 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.23 1.04 0.00	18.59 1.14 0.00	17.54 1.14 0.00	17.93 1.24 0.00	24.59 1.71 0.00	21.07 1.47 0.00	22.62 1.61 0.00	26.43 1.78 0.00	22.47 1.48 0.00	19.78 1.25 0.00	18.19 1.23 0.00	17.33 1.22 0.00
ASTORIA_GT4_1 24102	20.26 1.29 -0.69	17.82 1.22 -0.39	17.09 0.85 -4.28	18.48 0.69 -7.89	19.16 0.94 -4.21	21.71 1.22 0.00	22.31 1.36 0.00	25.31 1.54 0.00	25.18 1.48 0.00	23.31 1.38 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.23 1.04 0.00	18.59 1.14 0.00	17.54 1.14 0.00	17.93 1.24 0.00	24.59 1.71 0.00	21.07 1.47 0.00	22.62 1.61 0.00	26.43 1.78 0.00	22.47 1.48 0.00	19.78 1.25 0.00	18.19 1.23 0.00	17.33 1.22 0.00
ASTORIA_GT4_2 24103	20.26 1.29 -0.69	17.82 1.22 -0.39	17.09 0.85 -4.28	18.48 0.69 -7.89	19.16 0.94 -4.21	21.71 1.22 0.00	22.31 1.36 0.00	25.31 1.54 0.00	25.18 1.48 0.00	23.31 1.38 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.23 1.04 0.00	18.59 1.14 0.00	17.54 1.14 0.00	17.93 1.24 0.00	24.59 1.71 0.00	21.07 1.47 0.00	22.62 1.61 0.00	26.43 1.78 0.00	22.47 1.48 0.00	19.78 1.25 0.00	18.19 1.23 0.00	17.33 1.22 0.00
ASTORIA_GT4_3 24104	20.26 1.29 -0.69	17.82 1.22 -0.39	17.09 0.85 -4.28	18.48 0.69 -7.89	19.16 0.94 -4.21	21.71 1.22 0.00	22.31 1.36 0.00	25.31 1.54 0.00	25.18 1.48 0.00	23.31 1.38 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.23 1.04 0.00	18.59 1.14 0.00	17.54 1.14 0.00	17.93 1.24 0.00	24.59 1.71 0.00	21.07 1.47 0.00	22.62 1.61 0.00	26.43 1.78 0.00	22.47 1.48 0.00	19.78 1.25 0.00	18.19 1.23 0.00	17.33 1.22 0.00
ASTORIA_GT4_4 24105	20.26 1.29 -0.69	17.82 1.22 -0.39	17.09 0.85 -4.28	18.48 0.69 -7.89	19.16 0.94 -4.21	21.71 1.22 0.00	22.31 1.36 0.00	25.31 1.54 0.00	25.18 1.48 0.00	23.31 1.38 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.23 1.04 0.00	18.59 1.14 0.00	17.54 1.14 0.00	17.93 1.24 0.00	24.59 1.71 0.00	21.07 1.47 0.00	22.62 1.61 0.00	26.43 1.78 0.00	22.47 1.48 0.00	19.78 1.25 0.00	18.19 1.23 0.00	17.33 1.22 0.00
ASTORIA_GT_1 23523	20.28 1.31 -0.69	17.84 1.25 -0.39	17.11 0.87 -4.28	18.50 0.70 -7.89	19.19 0.96 -4.21	21.74 1.26 0.00	22.34 1.39 0.00	25.37 1.61 0.00	25.24 1.53 0.00	23.35 1.42 0.00	22.25 1.48 0.00	19.84 1.37 0.00	17.26 1.07 0.00	18.62 1.18 0.00	17.57 1.17 0.00	17.95 1.26 0.00	24.64 1.76 0.00	21.10 1.51 0.00	22.66 1.64 0.00	26.47 1.82 0.00	22.52 1.53 0.00	19.81 1.28 0.00	18.22 1.25 0.00	17.35 1.25 0.00

ASTORIA_GT_10 24110	20.20 1.23 -0.69	17.74 1.15 -0.39	17.06 0.82 -4.28	18.45 0.65 -7.89	19.12 0.90 -4.21	21.67 1.18 0.00	22.24 1.29 0.00	25.22 1.46 0.00	25.10 1.39 0.00	23.27 1.33 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.25 1.07 0.00	18.60 1.15 0.00	17.57 1.16 0.00	17.96 1.27 0.00	24.61 1.73 0.00	21.09 1.49 0.00	22.63 1.62 0.00	26.43 1.78 0.00	22.49 1.50 0.00	19.78 1.25 0.00	18.19 1.22 0.00	17.31 1.20 0.00
ASTORIA_GT_11 24225	20.20 1.23 -0.69	17.74 1.15 -0.39	17.06 0.82 -4.28	18.45 0.65 -7.89	19.12 0.90 -4.21	21.67 1.18 0.00	22.24 1.29 0.00	25.22 1.46 0.00	25.10 1.39 0.00	23.27 1.33 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.25 1.07 0.00	18.60 1.15 0.00	17.57 1.16 0.00	17.96 1.27 0.00	24.61 1.73 0.00	21.09 1.49 0.00	22.63 1.62 0.00	26.43 1.78 0.00	22.49 1.50 0.00	19.78 1.25 0.00	18.19 1.22 0.00	17.31 1.20 0.00
ASTORIA_GT_12 24226	20.20 1.23 -0.69	17.74 1.15 -0.39	17.06 0.82 -4.28	18.45 0.66 -7.89	19.12 0.90 -4.21	21.67 1.18 0.00	22.24 1.29 0.00	25.23 1.47 0.00	25.11 1.39 0.00	23.26 1.33 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.25 1.07 0.00	18.60 1.15 0.00	17.57 1.16 0.00	17.95 1.25 0.00	24.60 1.73 0.00	21.08 1.49 0.00	22.63 1.62 0.00	26.43 1.78 0.00	22.49 1.50 0.00	19.78 1.24 0.00	18.19 1.22 0.00	17.31 1.20 0.00
ASTORIA_GT_13 24227	20.20 1.23 -0.69	17.74 1.15 -0.39	17.06 0.82 -4.28	18.45 0.66 -7.89	19.12 0.90 -4.21	21.67 1.18 0.00	22.24 1.29 0.00	25.23 1.47 0.00	25.11 1.39 0.00	23.26 1.33 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.25 1.07 0.00	18.60 1.15 0.00	17.57 1.16 0.00	17.95 1.25 0.00	24.60 1.73 0.00	21.08 1.49 0.00	22.63 1.62 0.00	26.43 1.78 0.00	22.49 1.50 0.00	19.78 1.24 0.00	18.19 1.22 0.00	17.31 1.20 0.00
ASTORIA_GT_5 24106	20.28 1.31 -0.69	17.84 1.25 -0.39	17.11 0.87 -4.28	18.50 0.70 -7.89	19.19 0.96 -4.21	21.74 1.26 0.00	22.34 1.39 0.00	25.37 1.61 0.00	25.24 1.53 0.00	23.35 1.42 0.00	22.25 1.48 0.00	19.84 1.37 0.00	17.26 1.07 0.00	18.62 1.18 0.00	17.57 1.17 0.00	17.95 1.26 0.00	24.64 1.76 0.00	21.10 1.51 0.00	22.66 1.64 0.00	26.47 1.82 0.00	22.52 1.53 0.00	19.81 1.28 0.00	18.22 1.25 0.00	17.35 1.25 0.00
ASTORIA_GT_7 24107	20.28 1.31 -0.69	17.84 1.25 -0.39	17.11 0.87 -4.28	18.50 0.70 -7.89	19.19 0.96 -4.21	21.74 1.26 0.00	22.34 1.39 0.00	25.37 1.61 0.00	25.24 1.53 0.00	23.35 1.42 0.00	22.25 1.48 0.00	19.84 1.37 0.00	17.26 1.07 0.00	18.62 1.18 0.00	17.57 1.17 0.00	17.95 1.26 0.00	24.64 1.76 0.00	21.10 1.51 0.00	22.66 1.64 0.00	26.47 1.82 0.00	22.52 1.53 0.00	19.81 1.28 0.00	18.22 1.25 0.00	17.35 1.25 0.00
ASTORIA_GT_8 24108	20.28 1.31 -0.69	17.84 1.25 -0.39	17.11 0.87 -4.28	18.49 0.70 -7.89	19.18 0.96 -4.21	21.74 1.26 0.00	22.35 1.39 0.00	25.35 1.59 0.00	25.23 1.52 0.00	23.35 1.42 0.00	22.25 1.48 0.00	19.84 1.37 0.00	17.26 1.08 0.00	18.62 1.18 0.00	17.58 1.17 0.00	17.97 1.27 0.00	24.64 1.76 0.00	21.11 1.51 0.00	22.66 1.64 0.00	26.48 1.83 0.00	22.51 1.52 0.00	19.81 1.27 0.00	18.22 1.25 0.00	17.35 1.25 0.00
ASTORIA___2 24149	20.25 1.29 -0.69	17.82 1.22 -0.39	17.09 0.86 -4.28	18.48 0.69 -7.89	19.16 0.94 -4.21	21.71 1.23 0.00	22.31 1.36 0.00	25.32 1.56 0.00	25.19 1.48 0.00	23.31 1.38 0.00	22.21 1.44 0.00	19.80 1.33 0.00	17.23 1.04 0.00	18.59 1.14 0.00	17.54 1.13 0.00	17.92 1.22 0.00	24.59 1.71 0.00	21.07 1.47 0.00	22.62 1.60 0.00	26.43 1.78 0.00	22.47 1.48 0.00	19.78 1.24 0.00	18.20 1.23 0.00	17.33 1.22 0.00
ASTORIA___3 23516	20.20 1.23 -0.69	17.74 1.15 -0.39	17.06 0.82 -4.28	18.45 0.66 -7.89	19.12 0.90 -4.21	21.67 1.18 0.00	22.24 1.29 0.00	25.23 1.47 0.00	25.11 1.39 0.00	23.26 1.33 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.25 1.07 0.00	18.60 1.15 0.00	17.57 1.16 0.00	17.95 1.25 0.00	24.60 1.73 0.00	21.08 1.49 0.00	22.63 1.62 0.00	26.43 1.78 0.00	22.49 1.50 0.00	19.78 1.24 0.00	18.19 1.22 0.00	17.31 1.20 0.00
ASTORIA___4 23517	20.20 1.23 -0.69	17.74 1.15 -0.39	17.06 0.82 -4.28	18.45 0.65 -7.89	19.12 0.90 -4.21	21.67 1.18 0.00	22.24 1.29 0.00	25.22 1.46 0.00	25.10 1.39 0.00	23.27 1.33 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.25 1.07 0.00	18.60 1.15 0.00	17.57 1.16 0.00	17.96 1.27 0.00	24.61 1.73 0.00	21.09 1.49 0.00	22.63 1.62 0.00	26.43 1.78 0.00	22.49 1.50 0.00	19.78 1.25 0.00	18.19 1.22 0.00	17.31 1.20 0.00
ASTORIA___5 23518	20.20 1.23 -0.69	17.74 1.15 -0.39	17.06 0.82 -4.28	18.45 0.66 -7.89	19.12 0.90 -4.21	21.67 1.18 0.00	22.24 1.29 0.00	25.23 1.47 0.00	25.11 1.39 0.00	23.26 1.33 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.25 1.07 0.00	18.60 1.15 0.00	17.57 1.16 0.00	17.95 1.25 0.00	24.60 1.73 0.00	21.08 1.49 0.00	22.63 1.62 0.00	26.43 1.78 0.00	22.49 1.50 0.00	19.78 1.24 0.00	18.19 1.22 0.00	17.31 1.20 0.00
AST_ENERGY_2_CC3 323677	20.15 1.18 -0.69	17.69 1.09 -0.39	17.02 0.79 -4.28	18.42 0.62 -7.89	19.09 0.86 -4.21	21.62 1.14 0.00	22.16 1.20 0.00	25.14 1.38 0.00	25.00 1.29 0.00	23.18 1.25 0.00	22.13 1.36 0.00	19.74 1.26 0.00	17.17 0.99 0.00	18.52 1.07 0.00	17.49 1.08 0.00	17.88 1.18 0.00	24.51 1.64 0.00	21.01 1.41 0.00	22.55 1.53 0.00	26.34 1.68 0.00	22.41 1.42 0.00	19.69 1.16 0.00	18.12 1.15 0.00	17.25 1.14 0.00
AST_ENERGY_2_CC4 323678	20.15 1.18 -0.69	17.69 1.09 -0.39	17.02 0.79 -4.28	18.42 0.62 -7.89	19.09 0.86 -4.21	21.62 1.14 0.00	22.16 1.20 0.00	25.14 1.38 0.00	25.00 1.29 0.00	23.18 1.25 0.00	22.13 1.36 0.00	19.74 1.26 0.00	17.17 0.99 0.00	18.52 1.07 0.00	17.49 1.08 0.00	17.88 1.18 0.00	24.51 1.64 0.00	21.01 1.41 0.00	22.55 1.53 0.00	26.34 1.68 0.00	22.41 1.42 0.00	19.69 1.16 0.00	18.12 1.15 0.00	17.25 1.14 0.00
ATHENS_STG_1 23668	19.83 0.78 -0.78	17.36 0.71 -0.44	17.30 0.53 -4.82	19.21 0.44 -8.87	19.35 0.61 -4.74	21.30 0.81 0.00	21.77 0.81 0.00	24.63 0.86 0.00	24.49 0.78 0.00	22.68 0.75 0.00	21.57 0.79 0.00	19.20 0.73 0.00	16.75 0.57 0.00	18.08 0.64 0.00	17.06 0.66 0.00	17.40 0.70 0.00	23.80 0.92 0.00	20.37 0.78 0.00	21.90 0.88 0.00	25.67 1.02 0.00	21.85 0.86 0.00	19.23 0.70 0.00	17.64 0.67 0.00	16.78 0.68 0.00
ATHENS_STG_2 23670	19.83 0.78 -0.78	17.36 0.71 -0.44	17.30 0.53 -4.82	19.21 0.44 -8.87	19.35 0.61 -4.74	21.30 0.81 0.00	21.77 0.81 0.00	24.63 0.86 0.00	24.49 0.78 0.00	22.68 0.75 0.00	21.57 0.79 0.00	19.20 0.73 0.00	16.75 0.57 0.00	18.08 0.64 0.00	17.06 0.66 0.00	17.40 0.70 0.00	23.80 0.92 0.00	20.37 0.78 0.00	21.90 0.88 0.00	25.67 1.02 0.00	21.85 0.86 0.00	19.23 0.70 0.00	17.64 0.67 0.00	16.78 0.68 0.00

ATHENS_STG_3 23677	19.83 0.78 -0.78	17.36 0.71 -0.44	17.30 0.53 -4.82	19.21 0.44 -8.87	19.35 0.61 -4.74	21.30 0.81 0.00	21.77 0.81 0.00	24.63 0.86 0.00	24.49 0.78 0.00	22.68 0.75 0.00	21.57 0.79 0.00	19.20 0.73 0.00	16.75 0.57 0.00	18.08 0.64 0.00	17.06 0.66 0.00	17.40 0.70 0.00	23.80 0.92 0.00	20.37 0.78 0.00	21.90 0.88 0.00	25.67 1.02 0.00	21.85 0.86 0.00	19.23 0.70 0.00	17.64 0.67 0.00	16.78 0.68 0.00
AUBURN___LFGE 323710	18.72 0.36 -0.09	16.55 0.29 -0.05	12.68 0.20 -0.53	11.00 0.11 -0.98	14.73 0.21 -0.52	20.90 0.42 0.00	21.44 0.48 0.00	24.30 0.54 0.00	24.19 0.48 0.00	22.34 0.41 0.00	21.16 0.39 0.00	18.80 0.32 0.00	16.46 0.28 0.00	17.76 0.32 0.00	16.68 0.28 0.00	16.99 0.30 0.00	23.27 0.39 0.00	19.89 0.29 0.00	21.32 0.30 0.00	25.01 0.36 0.00	21.34 0.35 0.00	18.88 0.35 0.00	17.26 0.29 0.00	16.39 0.28 0.00
BABYLON_RES_REC 323704	44.58 1.66 -24.65	45.57 1.50 -27.87	19.44 1.10 -6.39	19.30 0.86 -8.53	32.63 1.21 -17.41	38.80 1.68 -16.63	29.63 1.77 -6.90	25.76 2.00 0.00	27.85 1.84 -2.31	23.54 1.61 0.00	22.49 1.67 -0.05	20.32 1.50 -0.35	17.32 1.14 0.00	18.66 1.21 0.00	17.60 1.20 0.00	17.65 1.13 0.18	24.42 1.54 0.00	20.90 1.30 0.00	22.48 1.46 0.00	26.40 1.75 0.00	22.43 1.44 0.00	20.62 1.39 -0.70	19.37 1.47 -0.93	52.03 1.52 -34.41
BABYLON__69_KV_BK2 356345	44.75 1.83 -24.65	45.81 1.66 -27.95	19.56 1.21 -6.40	19.39 0.95 -8.54	32.82 1.35 -17.47	39.08 1.89 -16.70	29.84 1.98 -6.90	25.99 2.22 0.00	28.08 2.06 -2.31	23.73 1.79 0.00	22.65 1.83 -0.05	20.46 1.63 -0.35	17.43 1.25 0.00	18.76 1.31 0.00	17.70 1.30 0.00	17.44 1.32 0.57	24.72 1.84 0.00	21.20 1.60 0.00	22.80 1.79 0.00	26.81 2.16 0.00	22.84 1.85 0.00	20.92 1.68 -0.70	19.53 1.63 -0.93	52.17 1.66 -34.41
BARON_WINDS___WT_PWR 323822	18.41 -0.02 -0.16	16.18 -0.12 -0.09	12.81 -0.13 -1.00	11.60 -0.14 -1.84	14.79 -0.20 -0.98	20.38 -0.11 0.00	20.86 -0.09 0.00	23.75 -0.01 0.00	23.76 0.05 0.00	21.95 0.01 0.00	20.86 0.09 0.00	15.46 -0.14 2.88	14.90 -0.19 1.09	7.60 -0.20 9.64	10.07 -0.21 6.11	-1.08 -0.10 17.68	-15.39 -0.16 38.11	-41.91 -0.27 61.23	-34.20 -0.36 54.86	19.00 -0.47 5.18	20.78 -0.21 0.00	18.55 0.01 0.00	17.07 0.10 0.00	16.22 0.12 0.00
BARRETT_IC_1 23704	44.38 1.45 -24.65	45.66 1.31 -28.14	19.33 0.95 -6.42	19.21 0.76 -8.54	32.68 1.06 -17.61	38.82 1.46 -16.87	29.31 1.45 -6.91	25.38 1.62 0.00	27.53 1.51 -2.31	23.31 1.38 0.00	22.36 1.54 -0.05	20.24 1.41 -0.35	17.28 1.09 0.00	18.62 1.17 0.00	17.58 1.17 0.00	17.90 1.20 0.00	24.51 1.64 0.00	20.95 1.35 0.00	22.46 1.45 0.00	26.36 1.71 0.00	22.45 1.46 0.00	20.56 1.33 -0.70	19.21 1.32 -0.93	51.86 1.34 -34.41
BARRETT_IC_10 23701	44.38 1.45 -24.65	45.66 1.31 -28.14	19.33 0.95 -6.42	19.21 0.76 -8.54	32.68 1.06 -17.61	38.82 1.46 -16.87	29.31 1.45 -6.91	25.38 1.62 0.00	27.53 1.51 -2.31	23.31 1.38 0.00	22.36 1.54 -0.05	20.24 1.41 -0.35	17.28 1.09 0.00	18.62 1.17 0.00	17.58 1.17 0.00	17.90 1.20 0.00	24.51 1.64 0.00	20.95 1.35 0.00	22.46 1.45 0.00	26.36 1.71 0.00	22.45 1.46 0.00	20.56 1.33 -0.70	19.21 1.32 -0.93	51.86 1.34 -34.41
BARRETT_IC_11 23702	44.38 1.45 -24.65	45.66 1.31 -28.14	19.33 0.95 -6.42	19.21 0.76 -8.54	32.68 1.06 -17.61	38.82 1.46 -16.87	29.31 1.45 -6.91	25.38 1.62 0.00	27.53 1.51 -2.31	23.31 1.38 0.00	22.36 1.54 -0.05	20.24 1.41 -0.35	17.28 1.09 0.00	18.62 1.17 0.00	17.58 1.17 0.00	17.90 1.20 0.00	24.51 1.64 0.00	20.95 1.35 0.00	22.46 1.45 0.00	26.36 1.71 0.00	22.45 1.46 0.00	20.56 1.33 -0.70	19.21 1.32 -0.93	51.86 1.34 -34.41
BARRETT_IC_12 23703	44.38 1.45 -24.65	45.66 1.31 -28.14	19.33 0.95 -6.42	19.21 0.76 -8.54	32.68 1.06 -17.61	38.82 1.46 -16.87	29.31 1.45 -6.91	25.38 1.62 0.00	27.53 1.51 -2.31	23.31 1.38 0.00	22.36 1.54 -0.05	20.24 1.41 -0.35	17.28 1.09 0.00	18.62 1.17 0.00	17.58 1.17 0.00	17.90 1.20 0.00	24.51 1.64 0.00	20.95 1.35 0.00	22.46 1.45 0.00	26.36 1.71 0.00	22.45 1.46 0.00	20.56 1.33 -0.70	19.21 1.32 -0.93	51.86 1.34 -34.41
BARRETT_IC_2 23705	44.38 1.45 -24.65	45.66 1.31 -28.14	19.33 0.95 -6.42	19.21 0.76 -8.54	32.68 1.06 -17.61	38.82 1.46 -16.87	29.31 1.45 -6.91	25.38 1.62 0.00	27.53 1.51 -2.31	23.31 1.38 0.00	22.36 1.54 -0.05	20.24 1.41 -0.35	17.28 1.09 0.00	18.62 1.17 0.00	17.58 1.17 0.00	17.90 1.20 0.00	24.51 1.64 0.00	20.95 1.35 0.00	22.46 1.45 0.00	26.36 1.71 0.00	22.45 1.46 0.00	20.56 1.33 -0.70	19.21 1.32 -0.93	51.86 1.34 -34.41
BARRETT_IC_3 23706	44.38 1.45 -24.65	45.66 1.31 -28.14	19.33 0.95 -6.42	19.21 0.76 -8.54	32.68 1.06 -17.61	38.82 1.46 -16.87	29.31 1.45 -6.91	25.38 1.62 0.00	27.53 1.51 -2.31	23.31 1.38 0.00	22.36 1.54 -0.05	20.24 1.41 -0.35	17.28 1.09 0.00	18.62 1.17 0.00	17.58 1.17 0.00	17.90 1.20 0.00	24.51 1.64 0.00	20.95 1.35 0.00	22.46 1.45 0.00	26.36 1.71 0.00	22.45 1.46 0.00	20.56 1.33 -0.70	19.21 1.32 -0.93	51.86 1.34 -34.41
BARRETT_IC_4 23707	44.38 1.45 -24.65	45.66 1.31 -28.14	19.33 0.95 -6.42	19.21 0.76 -8.54	32.68 1.06 -17.61	38.82 1.46 -16.87	29.31 1.45 -6.91	25.38 1.62 0.00	27.53 1.51 -2.31	23.31 1.38 0.00	22.36 1.54 -0.05	20.24 1.41 -0.35	17.28 1.09 0.00	18.62 1.17 0.00	17.58 1.17 0.00	17.90 1.20 0.00	24.51 1.64 0.00	20.95 1.35 0.00	22.46 1.45 0.00	26.36 1.71 0.00	22.45 1.46 0.00	20.56 1.33 -0.70	19.21 1.32 -0.93	51.86 1.34 -34.41
BARRETT_IC_5 23708	44.38 1.45 -24.65	45.66 1.31 -28.14	19.33 0.95 -6.42	19.21 0.76 -8.54	32.68 1.06 -17.61	38.82 1.46 -16.87	29.31 1.45 -6.91	25.38 1.62 0.00	27.53 1.51 -2.31	23.31 1.38 0.00	22.36 1.54 -0.05	20.24 1.41 -0.35	17.28 1.09 0.00	18.62 1.17 0.00	17.58 1.17 0.00	17.90 1.20 0.00	24.51 1.64 0.00	20.95 1.35 0.00	22.46 1.45 0.00	26.36 1.71 0.00	22.45 1.46 0.00	20.56 1.33 -0.70	19.21 1.32 -0.93	51.86 1.34 -34.41
BARRETT_IC_6 23709	44.38 1.45 -24.65	45.66 1.31 -28.14	19.33 0.95 -6.42	19.21 0.76 -8.54	32.68 1.06 -17.61	38.82 1.46 -16.87	29.31 1.45 -6.91	25.38 1.62 0.00	27.53 1.51 -2.31	23.31 1.38 0.00	22.36 1.54 -0.05	20.24 1.41 -0.35	17.28 1.09 0.00	18.62 1.17 0.00	17.58 1.17 0.00	17.90 1.20 0.00	24.51 1.64 0.00	20.95 1.35 0.00	22.46 1.45 0.00	26.36 1.71 0.00	22.45 1.46 0.00	20.56 1.33 -0.70	19.21 1.32 -0.93	51.86 1.34 -34.41
BARRETT_IC_7 23710	44.38 1.45 -24.65	45.66 1.31 -28.14	19.33 0.95 -6.42	19.21 0.76 -8.54	32.68 1.06 -17.61	38.82 1.46 -16.87	29.31 1.45 -6.91	25.38 1.61 0.00	27.53 1.51 -2.31	23.31 1.38 0.00	22.36 1.54 -0.05	20.24 1.41 -0.35	17.28 1.09 0.00	18.62 1.17 0.00	17.58 1.17 0.00	17.91 1.21 0.00	24.52 1.64 0.00	20.95 1.35 0.00	22.46 1.45 0.00	26.36 1.71 0.00	22.45 1.46 0.00	20.56 1.33 -0.70	19.22 1.32 -0.93	51.86 1.34 -34.41

BARRETT_IC_8 23711	44.38 1.45 -24.65	45.66 1.31 -28.14	19.33 0.95 -6.42	19.21 0.76 -8.54	32.68 1.06 -17.61	38.82 1.46 -16.87	29.31 1.45 -6.91	25.38 1.62 0.00	27.53 1.51 -2.31	23.31 1.38 0.00	22.36 1.54 -0.05	20.24 1.41 -0.35	17.28 1.09 0.00	18.62 1.17 0.00	17.58 1.17 0.00	17.90 1.20 0.00	24.51 1.64 0.00	20.95 1.35 0.00	22.46 1.45 0.00	26.36 1.71 0.00	22.45 1.46 0.00	20.56 1.33 -0.70	19.21 1.32 -0.93	51.86 1.34 -34.41
BARRETT_IC_9 23700	44.38 1.45 -24.65	45.66 1.31 -28.14	19.33 0.95 -6.42	19.21 0.76 -8.54	32.68 1.06 -17.61	38.82 1.46 -16.87	29.31 1.45 -6.91	25.38 1.62 0.00	27.53 1.51 -2.31	23.31 1.38 0.00	22.36 1.54 -0.05	20.24 1.41 -0.35	17.28 1.09 0.00	18.62 1.17 0.00	17.58 1.17 0.00	17.90 1.20 0.00	24.51 1.64 0.00	20.95 1.35 0.00	22.46 1.45 0.00	26.36 1.71 0.00	22.45 1.46 0.00	20.56 1.33 -0.70	19.21 1.32 -0.93	51.86 1.34 -34.41
BARRETT___1 23545	44.38 1.45 -24.65	45.66 1.31 -28.14	19.33 0.95 -6.42	19.21 0.76 -8.54	32.68 1.06 -17.61	38.82 1.46 -16.87	29.31 1.45 -6.91	25.38 1.62 0.00	27.53 1.51 -2.31	23.31 1.38 0.00	22.36 1.54 -0.05	20.24 1.41 -0.35	17.28 1.09 0.00	18.62 1.17 0.00	17.58 1.17 0.00	17.90 1.20 0.00	24.51 1.64 0.00	20.95 1.35 0.00	22.46 1.45 0.00	26.36 1.71 0.00	22.45 1.46 0.00	20.56 1.33 -0.70	19.21 1.32 -0.93	51.86 1.34 -34.41
BARRETT___2 23546	44.38 1.45 -24.65	45.66 1.31 -28.14	19.33 0.95 -6.42	19.21 0.76 -8.54	32.68 1.06 -17.61	38.82 1.46 -16.87	29.31 1.45 -6.91	25.38 1.62 0.00	27.53 1.51 -2.31	23.31 1.38 0.00	22.36 1.54 -0.05	20.24 1.41 -0.35	17.28 1.09 0.00	18.62 1.17 0.00	17.58 1.17 0.00	17.90 1.20 0.00	24.51 1.64 0.00	20.95 1.35 0.00	22.46 1.45 0.00	26.36 1.71 0.00	22.45 1.46 0.00	20.56 1.33 -0.70	19.21 1.32 -0.93	51.86 1.34 -34.41
BATAVIA___115KV_TB1 55881	18.21 -0.16 -0.10	16.13 -0.13 -0.06	12.47 -0.13 -0.64	10.94 -0.14 -1.18	14.42 -0.21 -0.63	20.57 0.09 0.00	20.70 -0.26 0.00	23.37 -0.39 0.00	23.28 -0.43 0.00	21.33 -0.60 0.00	20.16 -0.61 0.00	17.53 -0.54 0.41	15.64 -0.39 0.15	15.76 -0.31 1.38	14.93 -0.61 0.87	13.56 -0.64 2.50	16.75 -0.89 5.24	10.15 -0.88 8.57	12.29 -1.01 7.71	22.59 -1.33 0.73	20.13 -0.86 0.00	18.17 -0.37 0.00	16.67 -0.30 0.00	16.00 -0.11 0.00
BAYONEEC___CTG1 323682	20.17 1.20 -0.69	17.70 1.11 -0.39	17.03 0.79 -4.28	18.42 0.63 -7.89	19.09 0.87 -4.21	21.64 1.15 0.00	22.20 1.25 0.00	25.18 1.41 0.00	25.03 1.32 0.00	23.20 1.27 0.00	22.15 1.38 0.00	19.76 1.29 0.00	17.18 1.00 0.00	18.54 1.10 0.00	17.50 1.10 0.00	17.89 1.20 0.00	24.54 1.67 0.00	21.04 1.44 0.00	22.59 1.57 0.00	26.37 1.72 0.00	22.45 1.46 0.00	19.72 1.19 0.00	18.15 1.18 0.00	17.27 1.16 0.00
BAYONEEC___CTG10 323750	20.17 1.20 -0.69	17.70 1.11 -0.39	17.03 0.79 -4.28	18.42 0.63 -7.89	19.09 0.87 -4.21	21.64 1.15 0.00	22.20 1.25 0.00	25.18 1.41 0.00	25.03 1.32 0.00	23.20 1.27 0.00	22.15 1.38 0.00	19.76 1.29 0.00	17.18 1.00 0.00	18.54 1.10 0.00	17.50 1.10 0.00	17.89 1.20 0.00	24.54 1.67 0.00	21.04 1.44 0.00	22.59 1.57 0.00	26.37 1.72 0.00	22.45 1.46 0.00	19.72 1.19 0.00	18.15 1.18 0.00	17.27 1.16 0.00
BAYONEEC___CTG2 323683	20.17 1.20 -0.69	17.70 1.11 -0.39	17.03 0.79 -4.28	18.42 0.63 -7.89	19.09 0.87 -4.21	21.64 1.15 0.00	22.20 1.25 0.00	25.18 1.41 0.00	25.03 1.32 0.00	23.20 1.27 0.00	22.15 1.38 0.00	19.76 1.29 0.00	17.18 1.00 0.00	18.54 1.10 0.00	17.50 1.10 0.00	17.89 1.20 0.00	24.54 1.67 0.00	21.04 1.44 0.00	22.59 1.57 0.00	26.37 1.72 0.00	22.45 1.46 0.00	19.72 1.19 0.00	18.15 1.18 0.00	17.27 1.16 0.00
BAYONEEC___CTG3 323684	20.17 1.20 -0.69	17.70 1.11 -0.39	17.03 0.79 -4.28	18.42 0.63 -7.89	19.09 0.87 -4.21	21.64 1.15 0.00	22.20 1.25 0.00	25.18 1.41 0.00	25.03 1.32 0.00	23.20 1.27 0.00	22.15 1.38 0.00	19.76 1.29 0.00	17.18 1.00 0.00	18.54 1.10 0.00	17.50 1.10 0.00	17.89 1.20 0.00	24.54 1.67 0.00	21.04 1.44 0.00	22.59 1.57 0.00	26.37 1.72 0.00	22.45 1.46 0.00	19.72 1.19 0.00	18.15 1.18 0.00	17.27 1.16 0.00
BAYONEEC___CTG4 323685	20.17 1.20 -0.69	17.70 1.11 -0.39	17.03 0.79 -4.28	18.42 0.63 -7.89	19.09 0.87 -4.21	21.64 1.15 0.00	22.20 1.25 0.00	25.18 1.41 0.00	25.03 1.32 0.00	23.20 1.27 0.00	22.15 1.38 0.00	19.76 1.29 0.00	17.18 1.00 0.00	18.54 1.10 0.00	17.50 1.10 0.00	17.89 1.20 0.00	24.54 1.67 0.00	21.04 1.44 0.00	22.59 1.57 0.00	26.37 1.72 0.00	22.45 1.46 0.00	19.72 1.19 0.00	18.15 1.18 0.00	17.27 1.16 0.00
BAYONEEC___CTG5 323686	20.17 1.20 -0.69	17.70 1.11 -0.39	17.03 0.79 -4.28	18.42 0.63 -7.89	19.09 0.87 -4.21	21.64 1.15 0.00	22.20 1.25 0.00	25.18 1.41 0.00	25.03 1.32 0.00	23.20 1.27 0.00	22.15 1.38 0.00	19.76 1.29 0.00	17.18 1.00 0.00	18.54 1.10 0.00	17.50 1.10 0.00	17.89 1.20 0.00	24.54 1.67 0.00	21.04 1.44 0.00	22.59 1.57 0.00	26.37 1.72 0.00	22.45 1.46 0.00	19.72 1.19 0.00	18.15 1.18 0.00	17.27 1.16 0.00
BAYONEEC___CTG6 323687	20.17 1.20 -0.69	17.70 1.11 -0.39	17.03 0.79 -4.28	18.42 0.63 -7.89	19.09 0.87 -4.21	21.64 1.15 0.00	22.20 1.25 0.00	25.18 1.41 0.00	25.03 1.32 0.00	23.20 1.27 0.00	22.15 1.38 0.00	19.76 1.29 0.00	17.18 1.00 0.00	18.54 1.10 0.00	17.50 1.10 0.00	17.89 1.20 0.00	24.54 1.67 0.00	21.04 1.44 0.00	22.59 1.57 0.00	26.37 1.72 0.00	22.45 1.46 0.00	19.72 1.19 0.00	18.15 1.18 0.00	17.27 1.16 0.00
BAYONEEC___CTG7 323688	20.17 1.20 -0.69	17.70 1.11 -0.39	17.03 0.79 -4.28	18.42 0.63 -7.89	19.09 0.87 -4.21	21.64 1.15 0.00	22.20 1.25 0.00	25.18 1.41 0.00	25.03 1.32 0.00	23.20 1.27 0.00	22.15 1.38 0.00	19.76 1.29 0.00	17.18 1.00 0.00	18.54 1.10 0.00	17.50 1.10 0.00	17.89 1.20 0.00	24.54 1.67 0.00	21.04 1.44 0.00	22.59 1.57 0.00	26.37 1.72 0.00	22.45 1.46 0.00	19.72 1.19 0.00	18.15 1.18 0.00	17.27 1.16 0.00
BAYONEEC___CTG8 323689	20.17 1.20 -0.69	17.70 1.11 -0.39	17.03 0.79 -4.28	18.42 0.63 -7.89	19.09 0.87 -4.21	21.64 1.15 0.00	22.20 1.25 0.00	25.18 1.41 0.00	25.03 1.32 0.00	23.20 1.27 0.00	22.15 1.38 0.00	19.76 1.29 0.00	17.18 1.00 0.00	18.54 1.10 0.00	17.50 1.10 0.00	17.89 1.20 0.00	24.54 1.67 0.00	21.04 1.44 0.00	22.59 1.57 0.00	26.37 1.72 0.00	22.45 1.46 0.00	19.72 1.19 0.00	18.15 1.18 0.00	17.27 1.16 0.00
BAYONEEC___CTG9 323749	20.17 1.20 -0.69	17.70 1.11 -0.39	17.03 0.79 -4.28	18.42 0.63 -7.89	19.09 0.87 -4.21	21.64 1.15 0.00	22.20 1.25 0.00	25.18 1.41 0.00	25.03 1.32 0.00	23.20 1.27 0.00	22.15 1.38 0.00	19.76 1.29 0.00	17.18 1.00 0.00	18.54 1.10 0.00	17.50 1.10 0.00	17.89 1.20 0.00	24.54 1.67 0.00	21.04 1.44 0.00	22.59 1.57 0.00	26.37 1.72 0.00	22.45 1.46 0.00	19.72 1.19 0.00	18.15 1.18 0.00	17.27 1.16 0.00

BEACON___LESR 323632	19.90 0.77 -0.86	17.38 0.69 -0.48	17.79 0.53 -5.30	20.16 0.49 -9.77	19.92 0.70 -5.22	21.36 0.88 0.00	21.79 0.83 0.00	24.61 0.85 0.00	24.45 0.74 0.00	22.57 0.64 0.00	21.44 0.67 0.00	19.06 0.59 0.00	16.64 0.46 0.00	18.00 0.55 0.00	16.98 0.58 0.00	17.28 0.59 0.00	23.62 0.74 0.00	20.23 0.63 0.00	21.79 0.77 0.00	25.60 0.95 0.00	21.78 0.78 0.00	19.11 0.58 0.00	17.51 0.54 0.00	16.72 0.61 0.00
BEAVER RIVER___HYD 24048	18.34 0.04 -0.03	15.86 -0.36 -0.02	11.77 -0.35 -0.17	9.95 -0.27 -0.31	13.83 -0.34 -0.16	20.02 -0.47 0.00	20.94 -0.02 0.00	24.20 0.43 0.00	24.14 0.43 0.00	22.21 0.27 0.00	20.45 -0.32 0.00	18.45 -0.03 0.00	16.47 0.29 0.00	17.75 0.31 0.00	16.25 -0.15 0.00	16.29 -0.41 0.00	22.66 -0.22 0.00	19.62 0.02 0.00	21.10 0.08 0.00	24.87 0.22 0.00	20.93 -0.06 0.00	18.39 -0.14 0.00	16.73 -0.24 0.00	15.87 -0.24 0.00
BEEBEE_GT_13 23619	18.38 0.03 -0.08	16.27 0.01 -0.05	12.45 -0.01 -0.51	10.81 -0.04 -0.94	14.47 -0.04 -0.50	20.63 0.14 0.00	20.95 -0.01 0.00	23.68 -0.08 0.00	23.57 -0.14 0.00	21.73 -0.20 0.00	20.54 -0.23 0.00	18.18 -0.22 0.08	15.96 -0.19 0.03	16.99 -0.18 0.27	15.87 -0.36 0.17	15.77 -0.43 0.49	21.80 -0.53 0.55	17.29 -0.59 1.72	18.83 -0.66 1.53	23.71 -0.80 0.14	20.46 -0.54 0.00	18.31 -0.23 0.00	16.78 -0.19 0.00	16.03 -0.07 0.00
BENSHRST_27_KV_BENSHRST_1 355998	20.38 1.42 -0.69	17.87 1.28 -0.39	17.14 0.91 -4.28	18.52 0.72 -7.89	19.22 1.00 -4.21	21.84 1.36 0.00	22.43 1.48 0.00	25.45 1.68 0.00	25.32 1.61 0.00	23.47 1.53 0.00	22.40 1.63 0.00	19.97 1.50 0.00	17.38 1.20 0.00	18.75 1.31 0.00	17.70 1.30 0.00	18.10 1.41 0.00	24.82 1.94 0.00	21.27 1.67 0.00	22.84 1.82 0.00	26.69 2.04 0.00	22.70 1.71 0.00	19.97 1.44 0.00	18.35 1.38 0.00	17.45 1.34 0.00
BETHLEHEM___GRP 23843	19.68 0.55 -0.86	17.22 0.53 -0.48	17.68 0.41 -5.31	20.09 0.40 -9.78	19.78 0.54 -5.23	21.12 0.64 0.00	21.48 0.52 0.00	24.25 0.49 0.00	24.10 0.39 0.00	22.34 0.41 0.00	21.22 0.45 0.00	18.86 0.38 0.00	16.43 0.24 0.00	17.73 0.29 0.00	16.74 0.34 0.00	17.07 0.37 0.00	23.24 0.36 0.00	19.92 0.32 0.00	21.44 0.42 0.00	25.13 0.48 0.00	21.40 0.41 0.00	18.80 0.27 0.00	17.26 0.30 0.00	16.49 0.38 0.00
BETHLEHEM___GS1 323560	19.68 0.55 -0.86	17.22 0.53 -0.48	17.68 0.41 -5.31	20.09 0.40 -9.78	19.78 0.54 -5.23	21.12 0.64 0.00	21.48 0.53 0.00	24.26 0.50 0.00	24.10 0.39 0.00	22.34 0.41 0.00	21.23 0.46 0.00	18.86 0.38 0.00	16.43 0.24 0.00	17.73 0.29 0.00	16.74 0.34 0.00	17.07 0.37 0.00	23.24 0.36 0.00	19.91 0.31 0.00	21.43 0.41 0.00	25.13 0.48 0.00	21.40 0.41 0.00	18.81 0.28 0.00	17.26 0.29 0.00	16.49 0.38 0.00
BETHLEHEM___GS2 323561	19.68 0.55 -0.86	17.22 0.53 -0.48	17.68 0.41 -5.31	20.09 0.40 -9.78	19.78 0.54 -5.23	21.12 0.64 0.00	21.48 0.53 0.00	24.26 0.50 0.00	24.10 0.39 0.00	22.34 0.41 0.00	21.23 0.46 0.00	18.86 0.38 0.00	16.43 0.24 0.00	17.73 0.29 0.00	16.74 0.34 0.00	17.07 0.37 0.00	23.24 0.36 0.00	19.91 0.31 0.00	21.43 0.41 0.00	25.13 0.48 0.00	21.40 0.41 0.00	18.81 0.28 0.00	17.26 0.29 0.00	16.49 0.38 0.00
BETHLEHEM___GS3 323562	19.68 0.55 -0.86	17.22 0.53 -0.48	17.68 0.41 -5.31	20.09 0.40 -9.78	19.78 0.54 -5.23	21.12 0.64 0.00	21.48 0.53 0.00	24.26 0.50 0.00	24.10 0.39 0.00	22.34 0.41 0.00	21.23 0.46 0.00	18.86 0.38 0.00	16.43 0.24 0.00	17.73 0.29 0.00	16.74 0.34 0.00	17.07 0.37 0.00	23.24 0.36 0.00	19.91 0.31 0.00	21.43 0.41 0.00	25.13 0.48 0.00	21.40 0.41 0.00	18.81 0.28 0.00	17.26 0.29 0.00	16.49 0.38 0.00
BETHLEHEM___STEEL 23779	18.35 -0.04 -0.12	16.22 -0.05 -0.06	12.59 -0.07 -0.72	11.13 -0.10 -1.32	14.58 -0.13 -0.70	20.61 0.12 0.00	20.80 -0.16 0.00	23.52 -0.25 0.00	23.43 -0.28 0.00	21.55 -0.38 0.00	20.39 -0.38 0.00	17.46 -0.45 0.56	15.55 -0.42 0.21	15.16 -0.41 1.88	14.59 -0.62 1.19	12.60 -0.66 3.43	14.98 -0.78 7.12	7.35 -0.80 11.44	9.53 -0.97 10.51	22.43 -1.23 0.98	20.13 -0.86 0.00	18.15 -0.39 0.00	16.71 -0.26 0.00	16.03 -0.08 0.00
BETHLHEM_115KV_TB1 79974	19.71 0.58 -0.86	17.24 0.55 -0.48	17.69 0.43 -5.31	20.09 0.41 -9.78	19.78 0.54 -5.23	21.15 0.66 0.00	21.52 0.57 0.00	24.30 0.54 0.00	24.15 0.43 0.00	22.39 0.45 0.00	21.27 0.50 0.00	18.90 0.42 0.00	16.47 0.28 0.00	17.78 0.34 0.00	16.78 0.38 0.00	17.12 0.42 0.00	23.32 0.44 0.00	19.97 0.38 0.00	21.50 0.48 0.00	25.21 0.55 0.00	21.46 0.47 0.00	18.87 0.34 0.00	17.32 0.35 0.00	16.52 0.42 0.00
BETHPAGE_CC_5 323564	44.51 1.58 -24.65	45.28 1.43 -27.65	19.36 1.04 -6.37	19.25 0.82 -8.53	32.41 1.16 -17.25	38.52 1.60 -16.44	29.53 1.67 -6.90	25.66 1.89 0.00	27.78 1.76 -2.31	23.50 1.57 0.00	22.47 1.65 -0.05	20.33 1.50 -0.35	17.34 1.16 0.00	18.69 1.24 0.00	17.63 1.23 0.00	17.93 1.23 0.00	24.58 1.70 0.00	21.05 1.45 0.00	22.61 1.59 0.00	26.55 1.90 0.00	22.60 1.61 0.00	20.67 1.44 -0.70	19.30 1.40 -0.93	51.98 1.46 -34.41
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.41 0.02 -0.12	16.27 0.00 -0.07	12.63 -0.04 -0.72	11.17 -0.07 -1.34	14.63 -0.09 -0.71	20.67 0.18 0.00	20.88 -0.08 0.00	23.62 -0.14 0.00	23.54 -0.18 0.00	21.64 -0.29 0.00	20.48 -0.29 0.00	17.58 -0.37 0.52	15.64 -0.34 0.20	15.36 -0.33 1.76	14.75 -0.54 1.11	12.90 -0.58 3.21	15.53 -0.68 6.67	8.12 -0.71 10.77	10.29 -0.87 9.86	22.60 -1.13 0.93	20.21 -0.78 0.00	18.21 -0.32 0.00	16.77 -0.20 0.00	16.09 -0.02 0.00
BINGHAMTON___COGEN 23790	18.86 0.35 -0.23	16.61 0.28 -0.13	13.57 0.21 -1.41	12.67 0.17 -2.60	15.63 0.24 -1.39	20.89 0.40 0.00	21.39 0.43 0.00	24.30 0.54 0.00	24.21 0.50 0.00	22.35 0.42 0.00	21.24 0.47 0.00	18.93 0.36 -0.10	16.50 0.28 -0.04	18.08 0.31 -0.33	16.88 0.27 -0.21	17.64 0.34 -0.60	24.54 0.44 -1.23	22.02 0.31 -2.11	23.21 0.33 -1.87	25.17 0.34 -0.18	21.30 0.31 0.00	18.84 0.31 0.00	17.29 0.32 0.00	16.46 0.36 0.00
BIXINCNT_115KV_LOAD 355685	18.61 0.21 -0.12	16.44 0.16 -0.07	12.68 -0.03 -0.76	11.28 -0.04 -1.41	14.76 0.00 -0.75	20.84 0.36 0.00	21.13 0.17 0.00	24.03 0.27 0.00	24.01 0.30 0.00	22.09 0.16 0.00	20.90 0.13 0.00	18.13 0.00 0.34	15.94 -0.12 0.13	16.23 -0.06 1.16	15.43 -0.23 0.74	14.31 -0.27 2.12	18.29 -0.25 4.34	12.03 -0.40 7.18	13.93 -0.52 6.57	23.31 -0.72 0.62	20.60 -0.39 0.00	18.55 0.01 0.00	17.05 0.08 0.00	16.33 0.22 0.00
BLACK RIVER___HYD 24047	18.43 0.12 -0.04	15.89 -0.34 -0.02	11.85 -0.33 -0.23	10.07 -0.25 -0.42	13.92 -0.31 -0.23	20.07 -0.42 0.00	21.08 0.12 0.00	24.38 0.61 0.00	24.25 0.53 0.00	22.33 0.40 0.00	20.52 -0.25 0.00	18.60 0.12 0.00	16.62 0.44 0.00	17.88 0.43 0.00	16.29 -0.12 0.00	16.25 -0.45 0.00	22.68 -0.20 0.00	19.61 0.01 0.00	21.12 0.10 0.00	24.98 0.33 0.00	21.00 0.01 0.00	18.47 -0.06 0.00	16.76 -0.20 0.00	15.91 -0.20 0.00

BLACKRVR_115KV_TB2 79977	18.43 0.12 -0.04	15.89 -0.34 -0.02	11.85 -0.33 -0.23	10.06 -0.26 -0.42	13.91 -0.32 -0.23	20.08 -0.41 0.00	21.08 0.12 0.00	24.38 0.62 0.00	24.24 0.53 0.00	22.33 0.40 0.00	20.52 -0.25 0.00	18.60 0.12 0.00	16.62 0.44 0.00	17.88 0.43 0.00	16.28 -0.12 0.00	16.25 -0.45 0.00	22.68 -0.20 0.00	19.61 0.01 0.00	21.12 0.10 0.00	24.98 0.33 0.00	21.00 0.01 0.00	18.47 -0.06 0.00	16.76 -0.20 0.00	15.90 -0.21 0.00
BLISS_WT_PWR 323608	18.58 0.17 -0.12	16.41 0.13 -0.07	12.63 -0.09 -0.76	11.24 -0.07 -1.41	14.71 -0.05 -0.75	20.79 0.30 0.00	21.09 0.13 0.00	23.97 0.21 0.00	24.00 0.28 0.00	22.09 0.16 0.00	20.91 0.14 0.00	18.14 0.01 0.34	15.92 -0.14 0.13	16.22 -0.07 1.16	15.43 -0.23 0.74	14.34 -0.24 2.12	18.32 -0.23 4.33	12.05 -0.38 7.17	13.94 -0.50 6.57	23.30 -0.72 0.62	20.61 -0.38 0.00	18.56 0.03 0.00	17.04 0.07 0.00	16.31 0.20 0.00
BLUE_CIRC_CHEM_DRP 24182	19.88 0.76 -0.84	17.38 0.70 -0.48	17.71 0.53 -5.22	20.00 0.48 -9.62	19.81 0.66 -5.14	21.36 0.88 0.00	21.76 0.81 0.00	24.56 0.80 0.00	24.39 0.68 0.00	22.58 0.65 0.00	21.44 0.67 0.00	19.06 0.59 0.00	16.63 0.45 0.00	17.98 0.53 0.00	16.97 0.57 0.00	17.30 0.60 0.00	23.57 0.70 0.00	20.19 0.60 0.00	21.75 0.73 0.00	25.52 0.87 0.00	21.72 0.72 0.00	19.11 0.58 0.00	17.52 0.55 0.00	16.70 0.60 0.00
BOC_GAS_DRP 24189	19.77 0.63 -0.86	17.28 0.58 -0.48	17.70 0.45 -5.30	20.05 0.39 -9.76	19.76 0.53 -5.22	21.17 0.69 0.00	21.60 0.64 0.00	24.41 0.64 0.00	24.27 0.55 0.00	22.48 0.55 0.00	21.36 0.59 0.00	19.00 0.52 0.00	16.58 0.40 0.00	17.90 0.46 0.00	16.89 0.48 0.00	17.22 0.52 0.00	23.51 0.63 0.00	20.13 0.53 0.00	21.65 0.64 0.00	25.38 0.74 0.00	21.62 0.62 0.00	19.02 0.49 0.00	17.45 0.48 0.00	16.62 0.51 0.00
BOONVILLE_115KV_TB1 79983	18.58 0.28 -0.03	16.26 0.04 -0.01	12.09 -0.01 -0.15	10.20 0.01 -0.28	14.18 0.03 -0.15	20.55 0.07 0.00	21.25 0.29 0.00	24.31 0.55 0.00	24.27 0.56 0.00	22.37 0.43 0.00	20.94 0.17 0.00	18.72 0.25 0.00	16.56 0.38 0.00	17.88 0.43 0.00	16.62 0.22 0.00	16.81 0.11 0.00	23.17 0.29 0.00	19.95 0.35 0.00	21.42 0.40 0.00	25.17 0.52 0.00	21.30 0.31 0.00	18.72 0.19 0.00	17.09 0.12 0.00	16.22 0.11 0.00
BORALEX_4TH_BRANCH 23824	20.27 1.14 -0.86	17.67 0.98 -0.48	18.01 0.76 -5.30	20.29 0.62 -9.77	20.10 0.88 -5.22	21.68 1.20 0.00	22.12 1.16 0.00	24.92 1.16 0.00	24.81 1.10 0.00	23.09 1.15 0.00	21.93 1.16 0.00	19.52 1.04 0.00	17.03 0.85 0.00	18.45 1.01 0.00	17.31 0.91 0.00	17.47 0.77 0.00	23.81 0.93 0.00	20.37 0.77 0.00	22.06 1.04 0.00	26.08 1.43 0.00	22.19 1.20 0.00	19.51 0.97 0.00	17.86 0.89 0.00	17.01 0.90 0.00
BOWLINE___1 23526	20.01 1.07 -0.67	17.54 0.96 -0.38	16.80 0.70 -4.15	18.10 0.56 -7.64	18.87 0.79 -4.08	21.54 1.05 0.00	22.07 1.11 0.00	25.01 1.25 0.00	24.87 1.16 0.00	23.03 1.10 0.00	21.95 1.18 0.00	19.57 1.09 0.00	17.03 0.85 0.00	18.35 0.91 0.00	17.33 0.92 0.00	17.71 1.01 0.00	24.27 1.40 0.00	20.78 1.18 0.00	22.28 1.26 0.00	26.11 1.45 0.00	22.23 1.24 0.00	19.52 0.99 0.00	17.94 0.97 0.00	17.08 0.97 0.00
BOWLINE___2 23595	20.01 1.07 -0.67	17.54 0.96 -0.38	16.80 0.70 -4.15	18.10 0.56 -7.64	18.87 0.79 -4.08	21.54 1.05 0.00	22.07 1.12 0.00	25.02 1.25 0.00	24.87 1.16 0.00	23.03 1.10 0.00	21.95 1.18 0.00	19.56 1.08 0.00	17.02 0.84 0.00	18.33 0.88 0.00	17.30 0.90 0.00	17.68 0.98 0.00	24.24 1.36 0.00	20.75 1.15 0.00	22.24 1.23 0.00	26.06 1.41 0.00	22.19 1.20 0.00	19.49 0.96 0.00	17.91 0.94 0.00	17.06 0.96 0.00
BRADY___115KV_TB2 356060	17.92 -0.36 0.00	15.86 -0.35 0.00	11.69 -0.26 0.00	9.72 -0.19 0.00	13.74 -0.26 0.00	20.14 -0.35 0.00	20.67 -0.29 0.00	23.55 -0.21 0.00	23.62 -0.09 0.00	21.90 -0.03 0.00	20.60 -0.17 0.00	18.34 -0.14 0.00	16.16 -0.02 0.00	17.37 -0.08 0.00	16.20 -0.20 0.00	16.42 -0.28 0.00	22.61 -0.26 0.00	19.44 -0.15 0.00	20.83 -0.19 0.00	24.49 -0.16 0.00	20.90 -0.09 0.00	18.55 0.02 0.00	16.91 -0.06 0.00	16.01 -0.10 0.00
BRANSCOMB___SOLAR 323811	20.27 1.10 -0.89	17.66 0.95 -0.50	18.16 0.72 -5.49	20.59 0.58 -10.10	20.25 0.84 -5.40	21.67 1.19 0.00	22.15 1.19 0.00	24.96 1.20 0.00	24.77 1.05 0.00	22.90 0.97 0.00	21.76 0.99 0.00	19.41 0.94 0.00	16.96 0.78 0.00	18.43 0.98 0.00	17.44 1.04 0.00	17.72 1.03 0.00	24.17 1.30 0.00	20.64 1.04 0.00	22.26 1.24 0.00	26.10 1.45 0.00	22.22 1.23 0.00	19.55 1.01 0.00	17.87 0.90 0.00	17.00 0.90 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	44.70 1.77 -24.65	45.98 1.61 -28.16	19.55 1.18 -6.43	19.37 0.92 -8.55	32.94 1.30 -17.63	39.19 1.83 -16.88	29.78 1.92 -6.91	25.90 2.14 0.00	28.00 1.99 -2.31	23.65 1.72 0.00	22.59 1.77 -0.05	20.41 1.58 -0.35	17.38 1.20 0.00	18.67 1.23 0.00	17.65 1.25 0.00	17.40 1.29 0.58	24.66 1.78 0.00	21.14 1.54 0.00	22.72 1.71 0.00	26.73 2.07 0.00	22.77 1.77 0.00	20.83 1.60 -0.70	19.44 1.55 -0.93	52.11 1.59 -34.41
BRISTLHL_115KV_TB1 79998	18.20 -0.13 -0.06	16.08 -0.15 -0.03	12.18 -0.12 -0.35	10.44 -0.10 -0.64	14.21 -0.15 -0.34	20.33 -0.16 0.00	20.80 -0.15 0.00	23.60 -0.16 0.00	23.51 -0.20 0.00	21.74 -0.20 0.00	20.57 -0.20 0.00	18.27 -0.20 0.00	16.04 -0.14 0.00	17.30 -0.14 0.00	16.22 -0.18 0.00	16.50 -0.20 0.00	22.61 -0.26 0.00	19.34 -0.26 0.00	20.75 -0.27 0.00	24.31 -0.34 0.00	20.73 -0.26 0.00	18.34 -0.19 0.00	16.79 -0.18 0.00	15.96 -0.15 0.00
BROOKHAVEN___DRP 24191	44.57 1.64 -24.65	45.97 1.55 -28.22	19.52 1.14 -6.43	19.35 0.90 -8.55	32.93 1.25 -17.67	39.19 1.77 -16.93	29.68 1.82 -6.91	25.76 2.00 0.00	27.76 1.74 -2.31	23.36 1.43 0.00	22.26 1.44 -0.05	20.10 1.27 -0.35	17.10 0.92 0.00	18.41 0.96 0.00	17.29 0.89 0.01	14.78 0.87 2.79	24.13 1.25 0.00	20.72 1.12 0.00	22.39 1.37 0.00	26.41 1.76 0.00	22.49 1.50 0.00	20.60 1.37 -0.70	19.22 1.32 -0.93	51.92 1.41 -34.41
BROOKLYN_NAVY_YARD 23515	20.18 1.21 -0.69	17.71 1.12 -0.39	17.03 0.80 -4.28	18.42 0.63 -7.89	19.10 0.88 -4.21	21.65 1.16 0.00	22.20 1.25 0.00	25.19 1.42 0.00	25.06 1.35 0.00	23.23 1.30 0.00	22.16 1.39 0.00	19.76 1.29 0.00	17.20 1.02 0.00	18.55 1.11 0.00	17.51 1.11 0.00	17.91 1.21 0.00	24.55 1.67 0.00	21.03 1.43 0.00	22.58 1.57 0.00	26.37 1.72 0.00	22.44 1.45 0.00	19.73 1.20 0.00	18.16 1.19 0.00	17.28 1.18 0.00
BROOKLYN___ARMY_DRP 323595	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.47 0.68 -7.89	19.16 0.95 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.33 1.57 0.00	25.20 1.49 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.88 1.40 0.00	17.30 1.11 0.00	18.66 1.21 0.00	17.61 1.21 0.00	18.01 1.32 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.55 1.90 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00



BROOKVLE_69_KV_TB1 55790	44.43 1.50 -24.65	43.57 1.35 -26.02	19.10 0.98 -6.17	19.15 0.78 -8.47	31.15 1.09 -16.05	37.05 1.51 -15.05	29.43 1.58 -6.89	25.56 1.79 0.00	27.70 1.69 -2.31	23.49 1.56 0.00	22.49 1.67 -0.05	20.35 1.52 -0.35	17.40 1.22 0.00	18.76 1.31 0.00	17.71 1.31 0.00	18.07 1.37 0.00	24.69 1.81 0.00	21.15 1.55 0.00	22.71 1.69 0.00	26.59 1.94 0.00	22.63 1.64 0.00	20.65 1.41 -0.70	19.30 1.40 -0.93	51.91 1.39 -34.41
BROOME_2_LFGE 323671	18.86 0.35 -0.23	16.61 0.28 -0.13	13.57 0.21 -1.41	12.67 0.17 -2.60	15.63 0.23 -1.39	20.89 0.41 0.00	21.39 0.43 0.00	24.30 0.54 0.00	24.21 0.50 0.00	22.35 0.42 0.00	21.24 0.47 0.00	18.93 0.36 -0.10	16.50 0.28 -0.04	18.08 0.30 -0.33	16.88 0.27 -0.21	17.63 0.34 -0.60	24.53 0.43 -1.22	22.01 0.31 -2.11	23.20 0.32 -1.87	25.17 0.34 -0.17	21.30 0.31 0.00	18.84 0.31 0.00	17.29 0.32 0.00	16.46 0.36 0.00
BROOME___LFGE 323600	18.86 0.35 -0.23	16.61 0.28 -0.13	13.57 0.21 -1.41	12.67 0.17 -2.60	15.63 0.23 -1.39	20.89 0.41 0.00	21.39 0.43 0.00	24.30 0.54 0.00	24.21 0.50 0.00	22.35 0.42 0.00	21.24 0.47 0.00	18.93 0.36 -0.10	16.50 0.28 -0.04	18.08 0.30 -0.33	16.88 0.27 -0.21	17.63 0.34 -0.60	24.53 0.43 -1.22	22.01 0.31 -2.11	23.20 0.32 -1.87	25.17 0.34 -0.17	21.30 0.31 0.00	18.84 0.31 0.00	17.29 0.32 0.00	16.46 0.36 0.00
BROWNFLS_115KV_TB_3_5 80003	18.06 -0.24 -0.02	15.76 -0.45 -0.01	11.68 -0.39 -0.12	9.82 -0.30 -0.22	13.73 -0.39 -0.12	19.95 -0.54 0.00	20.72 -0.23 0.00	23.83 0.07 0.00	23.82 0.11 0.00	21.96 0.03 0.00	20.41 -0.37 0.00	18.30 -0.17 0.00	16.25 0.07 0.00	17.47 0.02 0.00	16.07 -0.33 0.00	16.18 -0.51 0.00	22.43 -0.45 0.00	19.36 -0.24 0.00	20.79 -0.23 0.00	24.48 -0.16 0.00	20.73 -0.26 0.00	18.35 -0.19 0.00	16.73 -0.24 0.00	15.85 -0.26 0.00
BROWNSV1_27_KV_LOAD 356125	20.33 1.36 -0.69	17.84 1.24 -0.39	17.12 0.89 -4.28	18.50 0.71 -7.89	19.21 0.98 -4.21	21.81 1.33 0.00	22.39 1.43 0.00	25.41 1.65 0.00	25.28 1.57 0.00	23.44 1.51 0.00	22.37 1.60 0.00	19.95 1.48 0.00	17.36 1.18 0.00	18.73 1.28 0.00	17.68 1.28 0.00	18.09 1.39 0.00	24.79 1.91 0.00	21.25 1.65 0.00	22.81 1.80 0.00	26.64 1.99 0.00	22.67 1.68 0.00	19.93 1.39 0.00	18.32 1.35 0.00	17.42 1.32 0.00
BURROWS___LYONSDAL 23803	18.53 0.23 -0.03	16.14 -0.08 -0.01	11.98 -0.12 -0.15	10.11 -0.07 -0.28	14.07 -0.09 -0.15	20.38 -0.10 0.00	21.15 0.19 0.00	24.29 0.53 0.00	24.25 0.54 0.00	22.33 0.39 0.00	20.78 0.01 0.00	18.63 0.16 0.00	16.54 0.36 0.00	17.86 0.41 0.00	16.53 0.13 0.00	16.67 -0.03 0.00	23.04 0.16 0.00	19.88 0.28 0.00	21.36 0.34 0.00	25.11 0.46 0.00	21.20 0.21 0.00	18.61 0.08 0.00	16.96 -0.01 0.00	16.10 -0.01 0.00
CAITHNESS_CC_1 323624	44.55 1.62 -24.65	45.95 1.53 -28.22	19.51 1.13 -6.43	19.34 0.89 -8.55	32.91 1.24 -17.67	39.15 1.73 -16.93	29.65 1.79 -6.91	25.74 1.98 0.00	27.75 1.73 -2.31	23.37 1.44 0.00	22.27 1.45 -0.05	20.11 1.28 -0.35	17.12 0.94 0.00	18.42 0.97 0.00	17.31 0.91 0.01	14.82 0.90 2.78	24.16 1.28 0.00	20.74 1.14 0.00	22.38 1.36 0.00	26.38 1.73 0.00	22.47 1.48 0.00	20.58 1.35 -0.70	19.21 1.31 -0.93	51.93 1.42 -34.41
CALPINE BETH_PAGE_GT4 24209	44.49 1.56 -24.65	44.99 1.40 -27.39	19.30 1.02 -6.34	19.22 0.80 -8.52	32.20 1.13 -17.06	38.27 1.56 -16.22	29.50 1.64 -6.90	25.61 1.85 0.00	27.75 1.73 -2.31	23.48 1.54 0.00	22.45 1.63 -0.05	20.31 1.48 -0.35	17.33 1.15 0.00	18.68 1.23 0.00	17.62 1.22 0.00	17.89 1.20 0.00	24.54 1.66 0.00	21.01 1.42 0.00	22.57 1.55 0.00	26.49 1.84 0.00	22.55 1.56 0.00	20.61 1.38 -0.70	19.25 1.36 -0.93	51.95 1.44 -34.41
CALPINE_BETH_PAGE_GT_4 323586	44.49 1.56 -24.65	44.99 1.40 -27.39	19.31 1.02 -6.34	19.23 0.81 -8.52	32.20 1.14 -17.06	38.28 1.56 -16.22	29.50 1.64 -6.90	25.62 1.86 0.00	27.75 1.73 -2.31	23.48 1.55 0.00	22.45 1.63 -0.05	20.31 1.48 -0.35	17.33 1.15 0.00	18.67 1.23 0.00	17.62 1.21 0.00	17.89 1.19 0.00	24.53 1.66 0.00	21.01 1.41 0.00	22.57 1.55 0.00	26.49 1.84 0.00	22.55 1.56 0.00	20.61 1.38 -0.70	19.26 1.36 -0.93	51.95 1.44 -34.41
CALPINE_BP_GT1 23823	44.49 1.56 -24.65	44.99 1.40 -27.39	19.31 1.02 -6.34	19.23 0.81 -8.52	32.20 1.14 -17.06	38.28 1.56 -16.22	29.50 1.64 -6.90	25.62 1.86 0.00	27.75 1.73 -2.31	23.48 1.55 0.00	22.45 1.63 -0.05	20.31 1.48 -0.35	17.33 1.15 0.00	18.67 1.23 0.00	17.62 1.21 0.00	17.89 1.19 0.00	24.53 1.66 0.00	21.01 1.41 0.00	22.57 1.55 0.00	26.49 1.84 0.00	22.55 1.56 0.00	20.61 1.38 -0.70	19.26 1.36 -0.93	51.95 1.44 -34.41
CALSPAN___DRP 24200	18.35 -0.04 -0.12	16.22 -0.05 -0.06	12.59 -0.07 -0.72	11.13 -0.10 -1.32	14.58 -0.13 -0.70	20.61 0.12 0.00	20.80 -0.16 0.00	23.52 -0.25 0.00	23.43 -0.28 0.00	21.55 -0.38 0.00	20.39 -0.38 0.00	17.46 -0.45 0.56	15.55 -0.42 0.21	15.16 -0.41 1.88	14.59 -0.62 1.19	12.60 -0.66 3.43	14.98 -0.78 7.12	7.35 -0.80 11.44	9.53 -0.97 10.51	22.43 -1.23 0.98	20.13 -0.86 0.00	18.15 -0.39 0.00	16.71 -0.26 0.00	16.03 -0.08 0.00
CALVERTON___SOLAR 323806	44.60 1.67 -24.65	46.01 1.59 -28.22	19.56 1.18 -6.43	19.39 0.94 -8.55	32.97 1.30 -17.67	39.25 1.83 -16.93	29.74 1.88 -6.91	25.83 2.07 0.00	27.80 1.78 -2.31	23.40 1.46 0.00	22.28 1.46 -0.05	20.12 1.29 -0.35	17.12 0.93 0.00	18.42 0.97 0.00	17.29 0.89 0.01	14.76 0.86 2.80	24.13 1.26 0.00	20.73 1.14 0.00	22.43 1.41 0.00	26.47 1.82 0.00	22.55 1.56 0.00	20.65 1.42 -0.70	19.25 1.36 -0.93	51.95 1.44 -34.41
CANDIGU_WT_PWR 323617	18.41 -0.02 -0.16	16.18 -0.12 -0.09	12.81 -0.13 -1.00	11.60 -0.14 -1.84	14.79 -0.20 -0.98	20.38 -0.11 0.00	20.86 -0.09 0.00	23.75 -0.01 0.00	23.76 0.05 0.00	21.95 0.01 0.00	20.86 0.09 0.00	15.46 -0.14 2.88	14.90 -0.19 1.09	7.60 -0.20 9.64	10.07 -0.21 6.11	-1.08 -0.10 17.68	-15.39 -0.16 38.11	-41.91 -0.27 61.23	-34.20 -0.36 54.86	19.00 -0.47 5.18	20.78 -0.21 0.00	18.55 0.01 0.00	17.07 0.10 0.00	16.22 0.12 0.00
CARR STREET_E_SYR 24060	18.32 -0.01 -0.06	16.20 -0.04 -0.04	12.31 -0.04 -0.40	10.60 -0.03 -0.73	14.35 -0.05 -0.39	20.48 -0.01 0.00	20.94 -0.01 0.00	23.76 0.00 0.00	23.69 -0.02 0.00	21.89 -0.04 0.00	20.76 -0.02 0.00	18.44 -0.03 0.00	16.15 -0.03 0.00	17.42 -0.03 0.00	16.35 -0.05 0.00	16.64 -0.05 0.00	22.79 -0.08 0.00	19.49 -0.11 0.00	20.89 -0.13 0.00	24.49 -0.17 0.00	20.88 -0.11 0.00	18.47 -0.06 0.00	16.91 -0.06 0.00	16.07 -0.04 0.00
CARTHAGE___PAPER 23857	18.44 0.13 -0.03	15.92 -0.30 -0.02	11.85 -0.30 -0.21	10.05 -0.23 -0.38	13.93 -0.28 -0.20	20.12 -0.37 0.00	21.08 0.12 0.00	24.36 0.60 0.00	24.26 0.55 0.00	22.32 0.39 0.00	20.56 -0.22 0.00	18.59 0.12 0.00	16.58 0.40 0.00	17.85 0.40 0.00	16.30 -0.10 0.00	16.30 -0.39 0.00	22.72 -0.16 0.00	19.66 0.07 0.00	21.18 0.16 0.00	25.03 0.38 0.00	21.07 0.08 0.00	18.52 -0.02 0.00	16.82 -0.15 0.00	15.95 -0.15 0.00

CASSADAGA_WT_PWR 323784	18.38 -0.02 -0.12	16.13 -0.14 -0.07	12.58 -0.13 -0.76	11.15 -0.16 -1.40	14.48 -0.27 -0.75	20.45 -0.03 0.00	20.92 -0.04 0.00	24.00 0.23 0.00	24.21 0.50 0.00	22.52 0.58 0.00	21.24 0.47 0.00	18.38 0.25 0.35	16.32 0.28 0.13	16.60 0.31 1.16	15.36 -0.24 0.80	14.06 -0.33 2.31	17.84 -0.30 4.74	11.20 -0.33 8.06	13.06 -0.49 7.47	23.33 -0.62 0.70	20.63 -0.37 0.00	18.53 -0.01 0.00	17.01 0.04 0.00	16.21 0.11 0.00
CE_DUNWOOD___DRP 24194	20.12 1.15 -0.69	17.64 1.05 -0.39	16.99 0.76 -4.27	18.39 0.60 -7.87	19.06 0.85 -4.21	21.63 1.14 0.00	22.15 1.20 0.00	25.11 1.35 0.00	24.97 1.26 0.00	23.14 1.21 0.00	22.06 1.29 0.00	19.66 1.19 0.00	17.12 0.94 0.00	18.46 1.02 0.00	17.44 1.03 0.00	17.83 1.13 0.00	24.43 1.55 0.00	20.94 1.34 0.00	22.50 1.48 0.00	26.28 1.64 0.00	22.36 1.37 0.00	19.65 1.12 0.00	18.05 1.08 0.00	17.18 1.08 0.00
CE_MILLWOOD___DRP 24193	20.10 1.13 -0.69	17.62 1.03 -0.39	16.98 0.75 -4.29	18.39 0.59 -7.90	19.06 0.83 -4.22	21.60 1.12 0.00	22.13 1.17 0.00	25.08 1.31 0.00	24.94 1.23 0.00	23.10 1.17 0.00	22.02 1.25 0.00	19.63 1.15 0.00	17.09 0.91 0.00	18.43 0.99 0.00	17.41 1.00 0.00	17.80 1.10 0.00	24.39 1.51 0.00	20.90 1.30 0.00	22.45 1.43 0.00	26.23 1.58 0.00	22.32 1.33 0.00	19.62 1.08 0.00	18.01 1.05 0.00	17.15 1.04 0.00
CE_NYC2_DRP 24202	20.21 1.24 -0.69	17.75 1.15 -0.39	17.06 0.82 -4.28	18.45 0.66 -7.89	19.13 0.90 -4.21	21.67 1.19 0.00	22.25 1.30 0.00	25.24 1.48 0.00	25.11 1.40 0.00	23.28 1.35 0.00	22.22 1.45 0.00	19.82 1.35 0.00	17.26 1.07 0.00	18.61 1.17 0.00	17.58 1.17 0.00	17.97 1.28 0.00	24.62 1.75 0.00	21.10 1.50 0.00	22.65 1.64 0.00	26.45 1.80 0.00	22.50 1.51 0.00	19.78 1.25 0.00	18.19 1.23 0.00	17.31 1.20 0.00
CE_NYC_DRP 24195	20.17 1.20 -0.69	17.70 1.11 -0.39	17.03 0.80 -4.28	18.42 0.63 -7.89	19.10 0.87 -4.21	21.65 1.16 0.00	22.20 1.24 0.00	25.18 1.42 0.00	25.05 1.34 0.00	23.23 1.30 0.00	22.17 1.40 0.00	19.77 1.30 0.00	17.20 1.02 0.00	18.55 1.11 0.00	17.52 1.12 0.00	17.92 1.22 0.00	24.57 1.69 0.00	21.06 1.46 0.00	22.61 1.59 0.00	26.40 1.75 0.00	22.47 1.48 0.00	19.74 1.21 0.00	18.16 1.19 0.00	17.28 1.17 0.00
CHAFFEE___LFGE 323603	18.40 0.00 -0.12	16.25 -0.02 -0.07	12.62 -0.07 -0.74	11.18 -0.09 -1.36	14.62 -0.12 -0.73	20.65 0.16 0.00	20.85 -0.10 0.00	23.57 -0.19 0.00	23.52 -0.19 0.00	21.63 -0.31 0.00	20.46 -0.31 0.00	17.63 -0.39 0.46	15.63 -0.38 0.17	15.56 -0.35 1.54	14.88 -0.55 0.98	13.32 -0.57 2.81	16.41 -0.67 5.80	9.48 -0.69 9.43	11.53 -0.84 8.65	22.72 -1.12 0.81	20.23 -0.76 0.00	18.23 -0.31 0.00	16.77 -0.20 0.00	16.08 -0.03 0.00
CHATEAUG_35_KV_LOAD 355732	17.43 -0.84 0.00	15.46 -0.74 0.00	11.50 -0.45 0.00	9.57 -0.34 0.00	13.58 -0.42 0.00	20.03 -0.46 0.00	20.80 -0.16 0.00	23.91 0.15 0.00	24.05 0.34 0.00	22.03 0.10 0.00	20.96 0.19 0.00	18.59 0.11 0.00	16.29 0.11 0.00	17.38 -0.06 0.00	16.30 -0.10 0.00	16.54 -0.15 0.00	22.78 -0.10 0.00	19.98 0.39 0.00	21.50 0.48 0.00	25.18 0.53 0.00	21.35 0.36 0.00	18.82 0.29 0.00	17.17 0.21 0.00	16.26 0.16 0.00
CHATEAUG_WT_PWR 323614	17.43 -0.85 0.00	15.47 -0.74 0.00	11.52 -0.43 0.00	9.59 -0.32 0.00	13.59 -0.41 0.00	20.03 -0.46 0.00	20.82 -0.13 0.00	23.95 0.19 0.00	24.09 0.38 0.00	22.07 0.14 0.00	21.02 0.25 0.00	18.64 0.17 0.00	16.33 0.15 0.00	17.42 -0.02 0.00	16.34 -0.06 0.00	16.58 -0.12 0.00	22.81 -0.06 0.00	20.02 0.42 0.00	21.55 0.53 0.00	25.23 0.57 0.00	21.38 0.39 0.00	18.84 0.30 0.00	17.20 0.23 0.00	16.30 0.19 0.00
CHAT_HIGH_FALL_HYD 323578	17.43 -0.85 0.00	15.46 -0.74 0.00	11.50 -0.45 0.00	9.58 -0.33 0.00	13.59 -0.42 0.00	20.02 -0.47 0.00	20.80 -0.16 0.00	23.91 0.15 0.00	24.05 0.34 0.00	22.03 0.10 0.00	20.96 0.19 0.00	18.59 0.11 0.00	16.29 0.11 0.00	17.38 -0.06 0.00	16.30 -0.10 0.00	16.54 -0.15 0.00	22.78 -0.10 0.00	19.98 0.39 0.00	21.50 0.48 0.00	25.18 0.53 0.00	21.35 0.36 0.00	18.82 0.29 0.00	17.17 0.21 0.00	16.27 0.16 0.00
CHAUTAUQUA___LFGE 323629	18.43 0.04 -0.12	16.24 -0.04 -0.07	12.65 -0.05 -0.75	11.21 -0.08 -1.38	14.62 -0.13 -0.74	20.61 0.13 0.00	20.95 -0.01 0.00	23.93 0.17 0.00	24.14 0.43 0.00	22.41 0.48 0.00	21.15 0.38 0.00	18.29 0.18 0.37	16.26 0.22 0.14	16.47 0.26 1.24	15.06 -0.35 0.99	13.45 -0.40 2.85	16.55 -0.42 5.90	9.18 -0.45 9.97	11.20 -0.58 9.23	23.03 -0.76 0.87	20.51 -0.48 0.00	18.41 -0.12 0.00	16.96 -0.01 0.00	16.21 0.11 0.00
CHERRYST_13_KV_LD 356241	20.22 1.25 -0.69	17.74 1.14 -0.39	17.06 0.82 -4.28	18.45 0.65 -7.89	19.13 0.91 -4.21	21.69 1.21 0.00	22.26 1.30 0.00	25.25 1.49 0.00	25.12 1.41 0.00	23.30 1.37 0.00	22.24 1.47 0.00	19.84 1.37 0.00	17.26 1.08 0.00	18.62 1.18 0.00	17.58 1.18 0.00	17.98 1.29 0.00	24.66 1.78 0.00	21.13 1.53 0.00	22.67 1.66 0.00	26.47 1.82 0.00	22.52 1.53 0.00	19.79 1.25 0.00	18.20 1.23 0.00	17.32 1.21 0.00
CHESTROR_138KV_BK263 355645	19.90 0.99 -0.64	17.45 0.88 -0.36	16.56 0.65 -3.96	17.72 0.52 -7.30	18.63 0.73 -3.90	21.48 0.99 0.00	22.00 1.04 0.00	24.91 1.15 0.00	24.77 1.06 0.00	22.93 1.00 0.00	21.82 1.05 0.00	19.44 0.97 0.00	16.94 0.76 0.00	18.25 0.81 0.00	17.23 0.83 0.00	17.62 0.93 0.00	24.15 1.27 0.00	20.68 1.08 0.00	22.18 1.16 0.00	25.98 1.33 0.00	22.12 1.13 0.00	19.46 0.93 0.00	17.86 0.89 0.00	16.99 0.88 0.00
CH_MIDHUDSON___DRP 24192	20.10 1.13 -0.70	17.62 1.01 -0.40	17.04 0.74 -4.35	18.50 0.59 -8.00	19.11 0.83 -4.28	21.62 1.13 0.00	22.12 1.16 0.00	25.03 1.27 0.00	24.89 1.18 0.00	23.05 1.12 0.00	21.95 1.17 0.00	19.55 1.07 0.00	17.04 0.86 0.00	18.38 0.94 0.00	17.38 0.98 0.00	17.79 1.09 0.00	24.34 1.46 0.00	20.88 1.28 0.00	22.43 1.41 0.00	26.23 1.58 0.00	22.33 1.34 0.00	19.62 1.09 0.00	18.00 1.03 0.00	17.13 1.03 0.00
CH_MISC_IPPS 23765	20.19 1.22 -0.69	17.69 1.10 -0.39	17.02 0.80 -4.27	18.40 0.64 -7.86	19.10 0.90 -4.20	21.73 1.24 0.00	22.26 1.30 0.00	25.21 1.45 0.00	25.06 1.35 0.00	23.19 1.26 0.00	22.08 1.31 0.00	19.67 1.19 0.00	17.14 0.96 0.00	18.49 1.04 0.00	17.48 1.08 0.00	17.89 1.20 0.00	24.52 1.64 0.00	21.01 1.41 0.00	22.56 1.54 0.00	26.39 1.74 0.00	22.47 1.48 0.00	19.74 1.21 0.00	18.11 1.14 0.00	17.22 1.12 0.00
CH_RES_BVR_FALLS 23983	17.76 -0.51 0.00	15.63 -0.58 0.00	11.50 -0.45 0.00	9.58 -0.32 0.00	13.58 -0.43 0.00	19.85 -0.64 0.00	20.45 -0.51 0.00	23.39 -0.37 0.00	23.48 -0.23 0.00	21.68 -0.25 0.00	20.11 -0.66 0.00	17.84 -0.64 0.00	15.93 -0.25 0.00	17.26 -0.18 0.00	16.10 -0.30 0.00	16.32 -0.38 0.00	22.56 -0.32 0.00	19.42 -0.18 0.00	20.84 -0.18 0.00	24.43 -0.22 0.00	20.73 -0.26 0.00	18.24 -0.29 0.00	16.65 -0.32 0.00	15.80 -0.31 0.00

CH_RES_NIAGARA 23895	17.81 -0.57 -0.11	15.78 -0.49 -0.06	12.23 -0.37 -0.66	10.76 -0.35 -1.21	14.15 -0.50 -0.64	20.07 -0.42 0.00	20.14 -0.81 0.00	22.62 -1.14 0.00	22.51 -1.20 0.00	20.70 -1.23 0.00	19.55 -1.22 0.00	16.87 -1.17 0.43	14.98 -1.04 0.16	14.92 -1.09 1.44	14.20 -1.29 0.92	12.79 -1.26 2.65	15.75 -1.61 5.52	9.14 -1.50 8.96	11.16 -1.70 8.16	21.64 -2.24 0.77	19.28 -1.71 0.00	17.44 -1.09 0.00	16.08 -0.89 0.00	15.48 -0.62 0.00
CH_RES_SYRACUSE 23985	18.42 0.08 -0.07	16.29 0.04 -0.04	12.41 0.02 -0.44	10.73 0.02 -0.81	14.45 0.02 -0.43	20.58 0.10 0.00	21.06 0.11 0.00	23.88 0.12 0.00	23.81 0.10 0.00	22.00 0.07 0.00	20.84 0.07 0.00	18.52 0.04 0.00	16.22 0.04 0.00	17.50 0.05 0.00	16.43 0.03 0.00	16.73 0.03 0.00	22.91 0.03 0.00	19.59 -0.01 0.00	21.01 -0.01 0.00	24.62 -0.03 0.00	20.99 0.00 0.00	18.57 0.03 0.00	16.99 0.03 0.00	16.15 0.04 0.00
CLINTON_WT_PWR 323605	17.43 -0.85 0.00	15.47 -0.74 0.00	11.52 -0.43 0.00	9.59 -0.32 0.00	13.59 -0.41 0.00	20.03 -0.46 0.00	20.82 -0.13 0.00	23.95 0.19 0.00	24.09 0.38 0.00	22.07 0.14 0.00	21.02 0.25 0.00	18.64 0.17 0.00	16.33 0.15 0.00	17.42 -0.02 0.00	16.34 -0.06 0.00	16.58 -0.12 0.00	22.81 -0.06 0.00	20.02 0.42 0.00	21.55 0.53 0.00	25.23 0.57 0.00	21.38 0.39 0.00	18.84 0.30 0.00	17.20 0.23 0.00	16.30 0.19 0.00
CLINTON___LFGE 323618	17.62 -0.66 0.00	15.61 -0.59 0.00	11.62 -0.33 0.00	9.67 -0.24 0.00	13.72 -0.29 0.00	20.21 -0.28 0.00	21.03 0.07 0.00	24.20 0.44 0.00	24.34 0.63 0.00	22.30 0.36 0.00	21.26 0.49 0.00	18.86 0.38 0.00	16.51 0.33 0.00	17.66 0.22 0.00	16.53 0.13 0.00	16.78 0.08 0.00	23.08 0.20 0.00	20.27 0.67 0.00	21.84 0.82 0.00	25.57 0.92 0.00	21.68 0.69 0.00	19.09 0.56 0.00	17.42 0.45 0.00	16.51 0.40 0.00
COBBLENY_34_KV_TB1 80064	18.40 0.00 -0.12	16.25 -0.02 -0.07	12.62 -0.07 -0.74	11.17 -0.10 -1.36	14.62 -0.12 -0.73	20.64 0.15 0.00	20.85 -0.10 0.00	23.60 -0.16 0.00	23.53 -0.18 0.00	21.63 -0.30 0.00	20.46 -0.31 0.00	17.63 -0.39 0.46	15.63 -0.38 0.17	15.56 -0.35 1.54	14.87 -0.55 0.98	13.29 -0.59 2.81	16.38 -0.69 5.81	9.44 -0.72 9.44	11.51 -0.86 8.64	22.71 -1.12 0.81	20.23 -0.76 0.00	18.23 -0.30 0.00	16.77 -0.20 0.00	16.08 -0.03 0.00
COFFEEN___115KV_TB3 355620	18.53 0.22 -0.04	15.99 -0.23 -0.02	11.94 -0.25 -0.23	10.14 -0.19 -0.43	14.02 -0.22 -0.23	20.23 -0.26 0.00	21.22 0.27 0.00	24.50 0.74 0.00	24.34 0.63 0.00	22.46 0.53 0.00	20.68 -0.09 0.00	18.74 0.26 0.00	16.73 0.55 0.00	17.98 0.53 0.00	16.37 -0.04 0.00	16.29 -0.40 0.00	22.73 -0.14 0.00	19.63 0.03 0.00	21.15 0.14 0.00	25.09 0.44 0.00	21.16 0.17 0.00	18.62 0.09 0.00	16.89 -0.07 0.00	16.02 -0.09 0.00
COLDSPRG_115KV_BK1 355956	18.96 0.55 -0.13	16.71 0.43 -0.07	13.01 0.28 -0.78	11.55 0.20 -1.44	15.06 0.28 -0.77	21.23 0.75 0.00	21.66 0.70 0.00	24.74 0.98 0.00	24.79 1.08 0.00	22.94 1.01 0.00	21.67 0.90 0.00	18.91 0.66 0.23	16.64 0.55 0.09	17.31 0.62 0.76	16.14 0.24 0.51	15.43 0.18 1.45	20.35 0.38 2.91	14.71 0.17 5.06	16.39 0.06 4.69	24.20 -0.01 0.45	21.13 0.13 0.00	18.96 0.43 0.00	17.43 0.46 0.00	16.69 0.58 0.00
COLONIE_LFGE___ 323577	20.08 0.93 -0.87	17.51 0.82 -0.49	17.97 0.62 -5.40	20.36 0.52 -9.94	20.04 0.73 -5.31	21.48 0.99 0.00	21.92 0.96 0.00	24.73 0.96 0.00	24.57 0.86 0.00	22.77 0.84 0.00	21.63 0.86 0.00	19.27 0.79 0.00	16.83 0.65 0.00	18.22 0.77 0.00	17.18 0.78 0.00	17.46 0.76 0.00	23.81 0.94 0.00	20.37 0.77 0.00	21.97 0.95 0.00	25.82 1.17 0.00	21.97 0.98 0.00	19.32 0.79 0.00	17.69 0.72 0.00	16.85 0.74 0.00
COOPERNY_115KV_TB1 80082	19.55 0.75 -0.52	17.17 0.67 -0.29	15.67 0.49 -3.23	16.24 0.39 -5.95	17.73 0.55 -3.18	21.24 0.75 0.00	21.75 0.79 0.00	24.64 0.88 0.00	24.52 0.81 0.00	22.70 0.76 0.00	21.57 0.80 0.00	19.21 0.74 0.00	16.76 0.58 0.00	18.06 0.61 0.00	17.01 0.60 0.00	17.37 0.68 0.00	23.81 0.93 0.00	20.38 0.78 0.00	21.86 0.84 0.00	25.62 0.96 0.00	21.82 0.83 0.00	19.22 0.68 0.00	17.63 0.66 0.00	16.77 0.66 0.00
COPENHAGEN_WT_PWR 323753	18.31 -0.01 -0.04	15.73 -0.50 -0.02	11.74 -0.45 -0.24	10.00 -0.35 -0.44	13.79 -0.45 -0.24	19.84 -0.65 0.00	20.92 -0.03 0.00	24.29 0.53 0.00	24.18 0.47 0.00	22.21 0.28 0.00	20.30 -0.47 0.00	18.47 -0.01 0.00	16.54 0.36 0.00	17.81 0.36 0.00	16.18 -0.22 0.00	16.14 -0.55 0.00	22.59 -0.29 0.00	19.56 -0.04 0.00	21.07 0.05 0.00	24.86 0.21 0.00	20.80 -0.19 0.00	18.28 -0.25 0.00	16.58 -0.39 0.00	15.75 -0.36 0.00
CORNELL___ 23752	18.88 0.45 -0.16	16.65 0.36 -0.09	13.20 0.25 -1.00	11.95 0.20 -1.84	15.29 0.30 -0.99	21.01 0.53 0.00	21.52 0.57 0.00	24.43 0.67 0.00	24.32 0.61 0.00	22.41 0.47 0.00	21.26 0.49 0.00	19.11 0.38 -0.26	16.62 0.34 -0.10	18.62 0.32 -0.86	17.31 0.36 -0.54	18.72 0.45 -1.57	26.77 0.58 -3.32	25.45 0.43 -5.41	26.37 0.48 -4.87	25.68 0.57 -0.46	21.52 0.53 0.00	19.03 0.50 0.00	17.41 0.44 0.00	16.53 0.43 0.00
CORONA_AAV_69_KV_TB1 355595	44.46 1.53 -24.65	43.24 1.39 -25.65	19.09 1.00 -6.13	19.17 0.80 -8.46	30.91 1.13 -15.78	36.77 1.55 -14.73	29.41 1.56 -6.89	25.57 1.80 0.00	27.71 1.69 -2.31	23.47 1.54 0.00	22.48 1.66 -0.05	20.34 1.51 -0.35	17.37 1.19 0.00	18.72 1.28 0.00	17.67 1.27 0.00	18.02 1.32 0.00	24.71 1.83 0.00	21.12 1.52 0.00	22.66 1.64 0.00	26.58 1.92 0.00	22.63 1.64 0.00	20.70 1.46 -0.70	19.32 1.42 -0.93	51.94 1.43 -34.41
CORTLAND_115KV_TB3 80093	18.74 0.34 -0.13	16.53 0.25 -0.07	12.93 0.18 -0.80	11.52 0.15 -1.47	15.00 0.21 -0.79	20.87 0.38 0.00	21.38 0.43 0.00	24.27 0.51 0.00	24.17 0.46 0.00	22.30 0.36 0.00	21.15 0.38 0.00	18.88 0.31 -0.08	16.49 0.27 -0.03	18.02 0.28 -0.28	16.87 0.29 -0.18	17.56 0.33 -0.52	24.40 0.42 -1.10	21.73 0.32 -1.81	22.99 0.35 -1.62	25.21 0.40 -0.15	21.36 0.36 0.00	18.87 0.34 0.00	17.28 0.31 0.00	16.42 0.31 0.00
COXSACKIE___GT 23611	20.38 1.30 -0.81	17.83 1.17 -0.46	17.82 0.87 -5.00	19.88 0.77 -9.20	20.01 1.09 -4.92	22.03 1.54 0.00	22.47 1.51 0.00	25.33 1.57 0.00	25.05 1.34 0.00	23.12 1.19 0.00	21.87 1.10 0.00	19.31 0.84 0.00	16.84 0.66 0.00	18.23 0.78 0.00	17.44 1.03 0.00	17.94 1.24 0.00	24.39 1.51 0.00	20.90 1.30 0.00	22.52 1.50 0.00	26.43 1.78 0.00	22.51 1.52 0.00	19.81 1.28 0.00	18.08 1.11 0.00	17.20 1.09 0.00
CPV_VALLEY___CC1 323721	19.74 0.87 -0.60	17.32 0.78 -0.34	16.22 0.57 -3.70	17.18 0.45 -6.82	18.29 0.64 -3.64	21.35 0.86 0.00	21.86 0.90 0.00	24.76 1.00 0.00	24.62 0.91 0.00	22.80 0.87 0.00	21.70 0.93 0.00	19.34 0.86 0.00	16.84 0.66 0.00	18.14 0.69 0.00	17.10 0.69 0.00	17.48 0.78 0.00	23.93 1.06 0.00	20.49 0.89 0.00	21.98 0.96 0.00	25.75 1.10 0.00	21.93 0.93 0.00	19.29 0.75 0.00	17.71 0.74 0.00	16.85 0.74 0.00

CPV_VALLEY___CC2 323722	19.74 0.87 -0.60	17.32 0.78 -0.34	16.22 0.57 -3.70	17.18 0.45 -6.82	18.29 0.64 -3.64	21.35 0.86 0.00	21.86 0.90 0.00	24.76 1.00 0.00	24.62 0.91 0.00	22.80 0.87 0.00	21.70 0.93 0.00	19.34 0.86 0.00	16.84 0.66 0.00	18.14 0.69 0.00	17.10 0.69 0.00	17.48 0.78 0.00	23.93 1.06 0.00	20.49 0.89 0.00	21.98 0.96 0.00	25.75 1.10 0.00	21.93 0.93 0.00	19.29 0.75 0.00	17.71 0.74 0.00	16.85 0.74 0.00
CRESCENT___HYD 24018	20.08 0.93 -0.87	17.51 0.82 -0.49	17.97 0.62 -5.40	20.36 0.52 -9.94	20.04 0.73 -5.31	21.48 0.99 0.00	21.92 0.96 0.00	24.73 0.96 0.00	24.57 0.86 0.00	22.77 0.84 0.00	21.63 0.86 0.00	19.27 0.79 0.00	16.83 0.65 0.00	18.22 0.77 0.00	17.18 0.78 0.00	17.46 0.76 0.00	23.81 0.94 0.00	20.37 0.77 0.00	21.97 0.95 0.00	25.82 1.17 0.00	21.97 0.98 0.00	19.32 0.79 0.00	17.69 0.72 0.00	16.85 0.74 0.00
CRICKET___VALLEY_CC1 323756	20.01 1.01 -0.73	17.51 0.90 -0.41	17.16 0.68 -4.53	18.78 0.53 -8.34	19.21 0.75 -4.46	21.47 0.98 0.00	21.90 0.94 0.00	24.74 0.98 0.00	24.57 0.86 0.00	22.77 0.83 0.00	21.67 0.90 0.00	19.30 0.82 0.00	16.83 0.65 0.00	18.17 0.72 0.00	17.20 0.79 0.00	17.59 0.89 0.00	24.02 1.14 0.00	20.63 1.03 0.00	22.22 1.20 0.00	25.99 1.34 0.00	22.11 1.12 0.00	19.42 0.89 0.00	17.81 0.84 0.00	16.97 0.87 0.00
CRICKET___VALLEY_CC2 323757	20.01 1.01 -0.73	17.51 0.90 -0.41	17.16 0.68 -4.53	18.78 0.53 -8.34	19.21 0.75 -4.46	21.47 0.98 0.00	21.90 0.94 0.00	24.74 0.98 0.00	24.57 0.86 0.00	22.77 0.83 0.00	21.67 0.90 0.00	19.30 0.82 0.00	16.83 0.65 0.00	18.17 0.72 0.00	17.20 0.79 0.00	17.59 0.89 0.00	24.02 1.14 0.00	20.63 1.03 0.00	22.22 1.20 0.00	25.99 1.34 0.00	22.11 1.12 0.00	19.42 0.89 0.00	17.81 0.84 0.00	16.97 0.87 0.00
CRICKET___VALLEY_CC3 323758	20.01 1.01 -0.73	17.51 0.90 -0.41	17.16 0.68 -4.53	18.78 0.53 -8.34	19.21 0.75 -4.46	21.47 0.98 0.00	21.90 0.94 0.00	24.74 0.98 0.00	24.57 0.86 0.00	22.77 0.83 0.00	21.67 0.90 0.00	19.30 0.82 0.00	16.83 0.65 0.00	18.17 0.72 0.00	17.20 0.79 0.00	17.59 0.89 0.00	24.02 1.14 0.00	20.63 1.03 0.00	22.22 1.20 0.00	25.99 1.34 0.00	22.11 1.12 0.00	19.42 0.89 0.00	17.81 0.84 0.00	16.97 0.87 0.00
CRUCIBLE_METL_DRP 24180	18.42 0.07 -0.07	16.29 0.04 -0.04	12.41 0.03 -0.44	10.73 0.02 -0.81	14.45 0.02 -0.43	20.58 0.09 0.00	21.06 0.11 0.00	23.88 0.12 0.00	23.81 0.09 0.00	22.00 0.07 0.00	20.84 0.07 0.00	18.52 0.04 0.00	16.22 0.04 0.00	17.50 0.05 0.00	16.43 0.03 0.00	16.73 0.03 0.00	22.91 0.03 0.00	19.59 -0.01 0.00	21.01 -0.01 0.00	24.62 -0.03 0.00	20.99 0.00 0.00	18.57 0.03 0.00	16.99 0.03 0.00	16.15 0.04 0.00
DAHOWA___HYDRO 323763	20.31 1.15 -0.89	17.69 0.99 -0.50	18.20 0.74 -5.50	20.64 0.60 -10.13	20.29 0.87 -5.41	21.72 1.24 0.00	22.20 1.25 0.00	25.03 1.27 0.00	24.82 1.11 0.00	22.95 1.02 0.00	21.82 1.05 0.00	19.46 0.99 0.00	17.01 0.83 0.00	18.50 1.05 0.00	17.51 1.11 0.00	17.80 1.10 0.00	24.26 1.38 0.00	20.70 1.10 0.00	22.33 1.31 0.00	26.18 1.53 0.00	22.28 1.29 0.00	19.59 1.06 0.00	17.91 0.94 0.00	17.03 0.93 0.00
DANC___LFGE 323619	18.27 -0.05 -0.05	15.87 -0.36 -0.03	11.91 -0.32 -0.28	10.17 -0.25 -0.52	13.95 -0.33 -0.28	20.04 -0.45 0.00	20.88 -0.08 0.00	24.02 0.26 0.00	23.91 0.20 0.00	22.02 0.09 0.00	20.41 -0.36 0.00	18.41 -0.07 0.00	16.35 0.17 0.00	17.61 0.16 0.00	16.20 -0.20 0.00	16.27 -0.42 0.00	22.58 -0.30 0.00	19.44 -0.16 0.00	20.91 -0.10 0.00	24.62 -0.03 0.00	20.76 -0.23 0.00	18.32 -0.21 0.00	16.67 -0.30 0.00	15.83 -0.27 0.00
DANSKAMMER___1 23586	20.19 1.22 -0.69	17.69 1.10 -0.39	17.02 0.80 -4.27	18.40 0.64 -7.86	19.10 0.90 -4.20	21.73 1.24 0.00	22.26 1.30 0.00	25.21 1.45 0.00	25.06 1.35 0.00	23.19 1.26 0.00	22.08 1.31 0.00	19.67 1.19 0.00	17.14 0.96 0.00	18.49 1.04 0.00	17.48 1.08 0.00	17.89 1.20 0.00	24.52 1.64 0.00	21.01 1.41 0.00	22.56 1.54 0.00	26.39 1.74 0.00	22.47 1.48 0.00	19.74 1.21 0.00	18.11 1.14 0.00	17.22 1.12 0.00
DANSKAMMER___2 23589	20.19 1.22 -0.69	17.69 1.10 -0.39	17.02 0.80 -4.27	18.40 0.64 -7.86	19.10 0.90 -4.20	21.73 1.24 0.00	22.26 1.30 0.00	25.21 1.45 0.00	25.06 1.35 0.00	23.19 1.26 0.00	22.08 1.31 0.00	19.67 1.19 0.00	17.14 0.96 0.00	18.49 1.04 0.00	17.48 1.08 0.00	17.89 1.20 0.00	24.52 1.64 0.00	21.01 1.41 0.00	22.56 1.54 0.00	26.39 1.74 0.00	22.47 1.48 0.00	19.74 1.21 0.00	18.11 1.14 0.00	17.22 1.12 0.00
DANSKAMMER___3 23590	20.19 1.22 -0.69	17.69 1.10 -0.39	17.02 0.80 -4.27	18.40 0.64 -7.86	19.10 0.90 -4.20	21.73 1.24 0.00	22.26 1.30 0.00	25.21 1.45 0.00	25.06 1.35 0.00	23.19 1.26 0.00	22.08 1.31 0.00	19.67 1.19 0.00	17.14 0.96 0.00	18.49 1.04 0.00	17.48 1.08 0.00	17.89 1.20 0.00	24.52 1.64 0.00	21.01 1.41 0.00	22.56 1.54 0.00	26.39 1.74 0.00	22.47 1.48 0.00	19.74 1.21 0.00	18.11 1.14 0.00	17.22 1.12 0.00
DANSKAMMER___4 23591	20.19 1.22 -0.69	17.69 1.10 -0.39	17.02 0.80 -4.27	18.40 0.64 -7.86	19.10 0.90 -4.20	21.73 1.24 0.00	22.26 1.30 0.00	25.21 1.45 0.00	25.06 1.35 0.00	23.19 1.26 0.00	22.08 1.31 0.00	19.67 1.19 0.00	17.14 0.96 0.00	18.49 1.04 0.00	17.48 1.08 0.00	17.89 1.20 0.00	24.52 1.64 0.00	21.01 1.41 0.00	22.56 1.54 0.00	26.39 1.74 0.00	22.47 1.48 0.00	19.74 1.21 0.00	18.11 1.14 0.00	17.22 1.12 0.00
DANSKAMMER___DIESEL 23592	20.19 1.22 -0.69	17.69 1.10 -0.39	17.02 0.80 -4.27	18.40 0.64 -7.86	19.10 0.90 -4.20	21.73 1.24 0.00	22.26 1.30 0.00	25.20 1.44 0.00	25.05 1.34 0.00	23.19 1.26 0.00	22.08 1.31 0.00	19.67 1.19 0.00	17.15 0.96 0.00	18.49 1.05 0.00	17.48 1.08 0.00	17.90 1.20 0.00	24.52 1.64 0.00	21.02 1.42 0.00	22.56 1.54 0.00	26.40 1.75 0.00	22.47 1.48 0.00	19.74 1.21 0.00	18.11 1.14 0.00	17.22 1.12 0.00
DARBY___SOLAR 323810	20.27 1.11 -0.89	17.67 0.96 -0.50	18.16 0.72 -5.49	20.59 0.58 -10.10	20.25 0.84 -5.40	21.68 1.20 0.00	22.15 1.20 0.00	24.98 1.22 0.00	24.79 1.08 0.00	22.94 1.01 0.00	21.80 1.03 0.00	19.45 0.97 0.00	16.99 0.81 0.00	18.45 1.01 0.00	17.46 1.06 0.00	17.74 1.05 0.00	24.20 1.32 0.00	20.66 1.06 0.00	22.28 1.27 0.00	26.12 1.47 0.00	22.23 1.24 0.00	19.55 1.02 0.00	17.87 0.91 0.00	17.00 0.90 0.00
DASHVILLE___HYD 23610	20.05 1.08 -0.70	17.58 0.98 -0.40	16.98 0.68 -4.34	18.43 0.52 -8.00	19.03 0.75 -4.28	21.52 1.04 0.00	22.07 1.12 0.00	25.02 1.26 0.00	24.88 1.17 0.00	23.05 1.12 0.00	21.96 1.19 0.00	19.59 1.11 0.00	17.05 0.87 0.00	18.38 0.94 0.00	17.34 0.94 0.00	17.81 1.11 0.00	24.45 1.57 0.00	20.93 1.33 0.00	22.45 1.44 0.00	26.24 1.59 0.00	22.35 1.36 0.00	19.63 1.10 0.00	18.03 1.06 0.00	17.14 1.04 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	45.04 2.11 -24.65	46.40 1.98 -28.22	19.85 1.47 -6.43	19.61 1.16 -8.55	33.32 1.65 -17.67	39.80 2.38 -16.93	30.33 2.47 -6.91	26.47 2.71 0.00	28.38 2.36 -2.31	23.91 1.98 0.00	22.74 1.92 -0.05	20.52 1.69 -0.35	17.43 1.25 0.00	18.74 1.30 0.00	17.60 1.20 0.01	15.08 1.19 2.80	24.68 1.80 0.00	21.23 1.63 0.00	22.97 1.95 0.00	27.13 2.48 0.00	23.11 2.12 0.00	21.13 1.90 -0.70	19.68 1.78 -0.93	52.31 1.80 -34.41
DELAWARE___LFGE 323621	19.22 0.65 -0.29	16.94 0.57 -0.16	14.14 0.41 -1.78	13.51 0.33 -3.27	16.23 0.48 -1.75	21.19 0.71 0.00	21.72 0.76 0.00	24.64 0.88 0.00	24.54 0.83 0.00	22.68 0.75 0.00	21.53 0.76 0.00	19.15 0.67 0.00	16.72 0.54 0.00	18.02 0.57 0.00	16.96 0.55 0.00	17.32 0.63 0.00	23.72 0.84 0.00	20.31 0.70 -0.01	21.76 0.75 0.00	25.50 0.85 0.00	21.72 0.73 0.00	19.18 0.65 0.00	17.57 0.60 0.00	16.69 0.59 0.00
DERFIELD_115KV_TB7 355931	18.36 0.09 0.00	16.27 0.06 0.00	12.00 0.05 0.00	9.95 0.04 0.00	14.07 0.06 0.00	20.57 0.08 0.00	21.04 0.09 0.00	23.86 0.09 0.00	23.78 0.07 0.00	22.00 0.07 0.00	20.83 0.06 0.00	18.53 0.06 0.00	16.23 0.05 0.00	17.50 0.05 0.00	16.45 0.05 0.00	16.76 0.06 0.00	22.95 0.07 0.00	19.65 0.06 0.00	21.08 0.06 0.00	24.72 0.07 0.00	21.05 0.06 0.00	18.57 0.04 0.00	17.00 0.03 0.00	16.15 0.05 0.00
DOGLEVILLE___HYD 23807	18.44 0.16 0.00	16.33 0.12 0.00	12.06 0.11 0.00	10.03 0.12 0.00	14.17 0.16 0.00	20.69 0.20 0.00	21.11 0.16 0.00	23.81 0.05 0.00	23.42 -0.29 0.00	21.67 -0.27 0.00	20.73 -0.04 0.00	18.48 0.00 0.00	16.19 0.01 0.00	17.43 -0.02 0.00	16.51 0.11 0.00	16.94 0.25 0.00	23.02 0.14 0.00	19.55 -0.05 0.00	21.02 0.00 0.00	24.99 0.34 0.00	21.38 0.39 0.00	18.70 0.17 0.00	17.10 0.13 0.00	16.26 0.16 0.00
DUNKIRK___115KV_TB_200 55889	18.44 0.04 -0.12	16.25 -0.03 -0.07	12.66 -0.04 -0.75	11.21 -0.07 -1.38	14.63 -0.11 -0.73	20.63 0.14 0.00	20.95 0.00 0.00	23.82 0.06 0.00	23.80 0.09 0.00	21.93 0.00 0.00	20.77 0.00 0.00	17.85 -0.14 0.48	15.88 -0.12 0.18	15.74 -0.10 1.61	15.00 -0.39 1.01	13.37 -0.42 2.90	16.40 -0.45 6.02	8.96 -0.47 10.16	11.02 -0.60 9.40	22.99 -0.77 0.88	20.50 -0.49 0.00	18.40 -0.14 0.00	16.95 -0.02 0.00	16.21 0.10 0.00
DUNKIRK___1 23563	18.44 0.04 -0.12	16.25 -0.03 -0.07	12.66 -0.04 -0.75	11.21 -0.07 -1.38	14.63 -0.11 -0.73	20.63 0.14 0.00	20.95 0.00 0.00	23.82 0.06 0.00	23.80 0.09 0.00	21.93 0.00 0.00	20.77 0.00 0.00	17.85 -0.14 0.48	15.88 -0.12 0.18	15.74 -0.10 1.61	15.00 -0.39 1.01	13.37 -0.42 2.90	16.40 -0.45 6.02	8.96 -0.47 10.16	11.02 -0.60 9.40	22.99 -0.77 0.88	20.50 -0.49 0.00	18.40 -0.14 0.00	16.95 -0.02 0.00	16.21 0.10 0.00
DUNKIRK___2 23564	18.44 0.04 -0.12	16.25 -0.03 -0.07	12.66 -0.04 -0.75	11.21 -0.07 -1.38	14.63 -0.11 -0.73	20.63 0.14 0.00	20.95 0.00 0.00	23.82 0.06 0.00	23.80 0.09 0.00	21.93 0.00 0.00	20.77 0.00 0.00	17.85 -0.14 0.48	15.88 -0.12 0.18	15.74 -0.10 1.61	15.00 -0.39 1.01	13.37 -0.42 2.90	16.40 -0.45 6.02	8.96 -0.47 10.16	11.02 -0.60 9.40	22.99 -0.77 0.88	20.50 -0.49 0.00	18.40 -0.14 0.00	16.95 -0.02 0.00	16.21 0.10 0.00
DUNKIRK___3 23565	18.45 0.06 -0.12	16.28 0.00 -0.07	12.67 -0.02 -0.74	11.21 -0.05 -1.36	14.65 -0.08 -0.73	20.67 0.18 0.00	20.97 0.01 0.00	23.82 0.06 0.00	23.77 0.06 0.00	21.89 -0.05 0.00	20.73 -0.04 0.00	17.78 -0.17 0.53	15.82 -0.16 0.20	15.53 -0.14 1.77	14.89 -0.40 1.12	13.06 -0.42 3.22	15.72 -0.46 6.70	8.03 -0.52 11.04	10.21 -0.66 10.15	22.82 -0.87 0.96	20.41 -0.58 0.00	18.33 -0.20 0.00	16.89 -0.08 0.00	16.17 0.07 0.00
DUNKIRK___4 23566	18.45 0.06 -0.12	16.28 0.00 -0.07	12.67 -0.02 -0.74	11.21 -0.05 -1.36	14.65 -0.08 -0.73	20.67 0.18 0.00	20.97 0.01 0.00	23.82 0.06 0.00	23.77 0.06 0.00	21.89 -0.05 0.00	20.73 -0.04 0.00	17.78 -0.17 0.53	15.82 -0.16 0.20	15.53 -0.14 1.77	14.89 -0.40 1.12	13.06 -0.42 3.22	15.72 -0.46 6.70	8.03 -0.52 11.04	10.21 -0.66 10.15	22.82 -0.87 0.96	20.41 -0.58 0.00	18.33 -0.20 0.00	16.89 -0.08 0.00	16.17 0.07 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.15 1.18 -0.69	17.67 1.07 -0.39	17.01 0.78 -4.28	18.41 0.62 -7.89	19.09 0.86 -4.21	21.65 1.16 0.00	22.18 1.23 0.00	25.14 1.38 0.00	25.01 1.30 0.00	23.18 1.25 0.00	22.11 1.33 0.00	19.71 1.23 0.00	17.16 0.97 0.00	18.50 1.06 0.00	17.47 1.07 0.00	17.87 1.17 0.00	24.48 1.61 0.00	20.98 1.39 0.00	22.54 1.52 0.00	26.33 1.68 0.00	22.40 1.42 0.00	19.69 1.16 0.00	18.09 1.12 0.00	17.22 1.11 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.04 1.09 -0.67	17.56 0.98 -0.38	16.80 0.71 -4.13	18.09 0.57 -7.62	18.87 0.80 -4.07	21.58 1.10 0.00	22.11 1.15 0.00	25.04 1.28 0.00	24.90 1.19 0.00	23.05 1.12 0.00	21.94 1.17 0.00	19.54 1.07 0.00	17.02 0.85 0.00	18.35 0.91 0.00	17.33 0.93 0.00	17.74 1.05 0.00	24.31 1.43 0.00	20.83 1.24 0.00	22.35 1.33 0.00	26.17 1.52 0.00	22.29 1.30 0.00	19.58 1.05 0.00	17.98 1.01 0.00	17.10 0.99 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	20.24 1.27 -0.69	17.78 1.18 -0.39	17.06 0.83 -4.28	18.47 0.67 -7.89	19.14 0.91 -4.21	21.70 1.22 0.00	22.27 1.32 0.00	25.25 1.49 0.00	25.11 1.40 0.00	23.26 1.33 0.00	22.18 1.41 0.00	19.77 1.30 0.00	17.21 1.03 0.00	18.56 1.12 0.00	17.52 1.12 0.00	17.92 1.22 0.00	24.56 1.68 0.00	21.05 1.45 0.00	22.60 1.58 0.00	26.41 1.76 0.00	22.46 1.47 0.00	19.75 1.22 0.00	18.16 1.20 0.00	17.28 1.18 0.00
E179THST_13_KV_LOAD 356214	20.30 1.34 -0.69	17.84 1.24 -0.39	17.11 0.87 -4.28	18.50 0.70 -7.89	19.18 0.95 -4.21	21.77 1.28 0.00	22.35 1.40 0.00	25.35 1.58 0.00	25.21 1.50 0.00	23.35 1.42 0.00	22.26 1.49 0.00	19.85 1.38 0.00	17.28 1.09 0.00	18.64 1.20 0.00	17.59 1.19 0.00	17.99 1.29 0.00	24.66 1.78 0.00	21.14 1.54 0.00	22.69 1.68 0.00	26.53 1.87 0.00	22.55 1.56 0.00	19.84 1.31 0.00	18.23 1.26 0.00	17.35 1.24 0.00
EAST HAMPTON___GT 23717	45.26 2.33 -24.65	46.61 2.19 -28.22	20.02 1.63 -6.43	19.76 1.31 -8.55	33.52 1.85 -17.67	40.08 2.66 -16.93	30.64 2.77 -6.91	26.82 3.06 0.00	28.64 2.62 -2.31	24.14 2.20 0.00	22.94 2.12 -0.05	20.68 1.85 -0.35	17.53 1.35 0.00	18.84 1.39 0.00	17.70 1.30 0.01	15.18 1.29 2.80	24.94 2.06 0.00	21.46 1.86 0.00	23.23 2.21 0.00	27.43 2.78 0.00	23.37 2.38 0.00	21.36 2.13 -0.70	19.90 2.00 -0.93	52.53 2.02 -34.41
EAST RIVER___6 23660	20.13 1.16 -0.69	17.68 1.08 -0.39	17.02 0.78 -4.28	18.41 0.61 -7.89	19.07 0.85 -4.21	21.59 1.11 0.00	22.17 1.22 0.00	25.15 1.39 0.00	25.01 1.30 0.00	23.21 1.28 0.00	22.15 1.38 0.00	19.76 1.29 0.00	17.20 1.02 0.00	18.56 1.11 0.00	17.52 1.12 0.00	17.92 1.23 0.00	24.56 1.69 0.00	21.05 1.45 0.00	22.60 1.58 0.00	26.40 1.75 0.00	22.47 1.48 0.00	19.73 1.20 0.00	18.15 1.18 0.00	17.28 1.18 0.00

EAST_RIVER___7 23524	20.13 1.16 -0.69	17.68 1.08 -0.39	17.02 0.78 -4.28	18.41 0.61 -7.89	19.07 0.85 -4.21	21.59 1.11 0.00	22.17 1.22 0.00	25.15 1.39 0.00	25.01 1.30 0.00	23.21 1.28 0.00	22.15 1.38 0.00	19.76 1.29 0.00	17.20 1.02 0.00	18.56 1.11 0.00	17.52 1.12 0.00	17.92 1.23 0.00	24.56 1.69 0.00	21.05 1.45 0.00	22.60 1.58 0.00	26.40 1.75 0.00	22.47 1.48 0.00	19.73 1.20 0.00	18.15 1.18 0.00	17.28 1.18 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.12 1.15 -0.69	17.64 1.05 -0.39	16.99 0.76 -4.27	18.39 0.60 -7.87	19.06 0.85 -4.21	21.63 1.14 0.00	22.15 1.20 0.00	25.11 1.35 0.00	24.97 1.26 0.00	23.14 1.21 0.00	22.06 1.29 0.00	19.66 1.19 0.00	17.12 0.94 0.00	18.46 1.02 0.00	17.44 1.03 0.00	17.83 1.13 0.00	24.43 1.55 0.00	20.94 1.34 0.00	22.50 1.48 0.00	26.28 1.64 0.00	22.36 1.37 0.00	19.65 1.12 0.00	18.05 1.08 0.00	17.18 1.08 0.00
EAST_HAMPTON___DIESEL 23722	45.26 2.33 -24.65	46.61 2.19 -28.22	20.02 1.64 -6.43	19.76 1.31 -8.55	33.52 1.85 -17.67	40.08 2.66 -16.93	30.64 2.78 -6.91	26.82 3.06 0.00	28.65 2.63 -2.31	24.15 2.21 0.00	22.95 2.12 -0.05	20.68 1.85 -0.35	17.53 1.35 0.00	18.85 1.40 0.00	17.70 1.30 0.01	15.19 1.30 2.80	24.94 2.06 0.00	21.46 1.86 0.00	23.23 2.21 0.00	27.43 2.78 0.00	23.37 2.38 0.00	21.36 2.13 -0.70	19.90 2.00 -0.93	52.53 2.02 -34.41
EAST_PULASKI___ESR 323781	18.22 -0.10 -0.05	16.01 -0.23 -0.03	12.07 -0.20 -0.32	10.33 -0.16 -0.59	14.11 -0.22 -0.31	20.23 -0.26 0.00	20.84 -0.12 0.00	23.76 -0.01 0.00	23.66 -0.05 0.00	21.84 -0.09 0.00	20.52 -0.26 0.00	18.34 -0.14 0.00	16.16 -0.02 0.00	17.42 -0.03 0.00	16.22 -0.19 0.00	16.41 -0.29 0.00	22.58 -0.30 0.00	19.35 -0.25 0.00	20.77 -0.24 0.00	24.41 -0.24 0.00	20.73 -0.26 0.00	18.35 -0.18 0.00	16.75 -0.21 0.00	15.92 -0.19 0.00
EAST_RIVER___1 323558	20.17 1.20 -0.69	17.70 1.11 -0.39	17.03 0.79 -4.28	18.42 0.63 -7.89	19.10 0.88 -4.21	21.65 1.16 0.00	22.20 1.24 0.00	25.19 1.43 0.00	25.05 1.34 0.00	23.23 1.30 0.00	22.17 1.40 0.00	19.77 1.30 0.00	17.20 1.02 0.00	18.56 1.11 0.00	17.52 1.12 0.00	17.92 1.22 0.00	24.56 1.69 0.00	21.05 1.45 0.00	22.61 1.59 0.00	26.40 1.75 0.00	22.47 1.48 0.00	19.74 1.21 0.00	18.16 1.19 0.00	17.28 1.17 0.00
EAST_RIVER___2 323559	20.13 1.16 -0.69	17.68 1.08 -0.39	17.02 0.78 -4.28	18.41 0.61 -7.89	19.07 0.85 -4.21	21.59 1.11 0.00	22.17 1.22 0.00	25.15 1.39 0.00	25.01 1.30 0.00	23.21 1.28 0.00	22.15 1.38 0.00	19.76 1.29 0.00	17.20 1.02 0.00	18.56 1.11 0.00	17.52 1.12 0.00	17.92 1.23 0.00	24.56 1.69 0.00	21.05 1.45 0.00	22.60 1.58 0.00	26.40 1.75 0.00	22.47 1.48 0.00	19.73 1.20 0.00	18.15 1.18 0.00	17.28 1.18 0.00
EAST___DELAWARE_HYD 23607	19.62 0.72 -0.62	17.38 0.83 -0.35	16.38 0.61 -3.82	17.41 0.46 -7.04	18.43 0.67 -3.76	21.43 0.94 0.00	22.02 1.06 0.00	24.94 1.17 0.00	24.78 1.07 0.00	22.90 0.97 0.00	21.81 1.04 0.00	19.41 0.93 0.00	16.92 0.74 0.00	18.20 0.76 0.00	16.82 0.42 0.00	17.26 0.56 0.00	23.73 0.85 0.00	20.31 0.71 0.00	21.82 0.80 0.00	25.59 0.94 0.00	22.23 1.23 0.00	19.51 0.98 0.00	17.87 0.90 0.00	16.98 0.87 0.00
EIGHT_POINT___WT_PWR 323820	18.24 -0.19 -0.15	16.01 -0.28 -0.09	12.64 -0.26 -0.95	11.40 -0.25 -1.74	14.57 -0.36 -0.93	20.12 -0.36 0.00	20.66 -0.29 0.00	23.57 -0.19 0.00	23.72 0.01 0.00	21.99 0.05 0.00	20.79 0.02 0.00	20.17 -0.15 -1.85	16.63 -0.25 -0.70	23.34 -0.30 -6.20	19.99 -0.34 -3.93	27.87 -0.20 -11.37	47.35 -0.19 -24.66	58.68 -0.38 -39.46	55.72 -0.53 -35.23	27.21 -0.77 -3.33	20.74 -0.25 0.00	18.64 0.11 0.00	17.13 0.16 0.00	16.15 0.05 0.00
ELBRIDGE_115KV_TB2 80188	18.38 0.03 -0.07	16.25 0.01 -0.04	12.41 0.00 -0.46	10.74 -0.02 -0.85	14.44 -0.02 -0.45	20.53 0.04 0.00	21.01 0.05 0.00	23.82 0.06 0.00	23.74 0.03 0.00	21.93 0.00 0.00	20.78 0.01 0.00	18.46 -0.01 0.00	16.17 -0.01 0.00	17.44 -0.01 0.00	16.38 -0.03 0.00	16.67 -0.02 0.00	22.84 -0.04 0.00	19.53 -0.07 0.00	20.94 -0.08 0.00	24.55 -0.10 0.00	20.93 -0.06 0.00	18.52 -0.01 0.00	16.95 -0.02 0.00	16.11 0.00 0.00
ELEC_TRO_TEK 24086	44.42 1.49 -24.65	43.26 1.35 -25.71	19.07 0.97 -6.14	19.12 0.76 -8.46	30.91 1.08 -15.82	36.76 1.49 -14.79	29.39 1.55 -6.89	25.51 1.75 0.00	27.66 1.64 -2.31	23.42 1.49 0.00	22.42 1.60 -0.05	20.29 1.46 -0.35	17.32 1.13 0.00	18.66 1.22 0.00	17.61 1.21 0.00	17.96 1.26 0.00	24.61 1.73 0.00	21.07 1.47 0.00	22.62 1.60 0.00	26.52 1.87 0.00	22.58 1.59 0.00	20.63 1.40 -0.70	19.25 1.35 -0.93	51.88 1.36 -34.41
ELLENBURG_WT_PWR 323604	17.43 -0.85 0.00	15.47 -0.74 0.00	11.52 -0.43 0.00	9.59 -0.32 0.00	13.59 -0.41 0.00	20.03 -0.46 0.00	20.82 -0.13 0.00	23.95 0.19 0.00	24.09 0.38 0.00	22.07 0.14 0.00	21.02 0.25 0.00	18.64 0.17 0.00	16.33 0.15 0.00	17.42 -0.02 0.00	16.34 -0.06 0.00	16.58 -0.12 0.00	22.81 -0.06 0.00	20.02 0.42 0.00	21.55 0.53 0.00	25.23 0.57 0.00	21.38 0.39 0.00	18.84 0.30 0.00	17.20 0.23 0.00	16.30 0.19 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.25 -0.14 -0.11	16.14 -0.13 -0.06	12.52 -0.13 -0.70	11.05 -0.14 -1.29	14.50 -0.19 -0.69	20.51 0.02 0.00	20.69 -0.26 0.00	23.37 -0.39 0.00	23.28 -0.43 0.00	21.42 -0.51 0.00	20.26 -0.52 0.00	17.34 -0.56 0.58	15.45 -0.51 0.22	15.01 -0.51 1.93	14.45 -0.73 1.22	12.40 -0.77 3.52	14.54 -0.96 7.38	6.84 -0.95 11.81	9.04 -1.11 10.86	22.21 -1.42 1.03	19.98 -1.01 0.00	18.02 -0.52 0.00	16.59 -0.38 0.00	15.93 -0.18 0.00
EMPIRE_CC_1 323656	19.83 0.73 -0.83	17.32 0.65 -0.47	17.57 0.50 -5.12	19.77 0.42 -9.44	19.63 0.58 -5.05	21.23 0.74 0.00	21.60 0.65 0.00	24.33 0.57 0.00	24.15 0.44 0.00	22.40 0.46 0.00	21.29 0.52 0.00	18.96 0.48 0.00	16.56 0.38 0.00	17.91 0.46 0.00	16.89 0.48 0.00	17.17 0.48 0.00	23.42 0.55 0.00	20.05 0.46 0.00	21.62 0.61 0.00	25.41 0.76 0.00	21.63 0.64 0.00	19.02 0.49 0.00	17.47 0.50 0.00	16.66 0.55 0.00
EMPIRE_CC_2 323658	19.83 0.73 -0.83	17.32 0.65 -0.47	17.57 0.50 -5.12	19.77 0.42 -9.44	19.63 0.58 -5.05	21.23 0.74 0.00	21.60 0.65 0.00	24.33 0.57 0.00	24.15 0.44 0.00	22.40 0.46 0.00	21.29 0.52 0.00	18.96 0.48 0.00	16.56 0.38 0.00	17.91 0.46 0.00	16.89 0.48 0.00	17.17 0.48 0.00	23.42 0.55 0.00	20.05 0.46 0.00	21.62 0.61 0.00	25.41 0.76 0.00	21.63 0.64 0.00	19.02 0.49 0.00	17.47 0.50 0.00	16.66 0.55 0.00
ENORWICH_115KV_TB1 80156	19.63 1.14 -0.21	17.27 0.94 -0.12	13.95 0.67 -1.33	12.91 0.56 -2.45	16.17 0.85 -1.31	21.92 1.43 0.00	22.49 1.54 0.00	25.53 1.77 0.00	25.36 1.65 0.00	23.20 1.26 0.00	22.02 1.25 0.00	19.65 1.03 -0.14	17.09 0.86 -0.05	18.61 0.71 -0.46	17.63 0.94 -0.29	18.83 1.29 -0.84	26.29 1.66 -1.75	23.77 1.28 -2.90	25.03 1.42 -2.59	26.68 1.78 -0.24	22.51 1.52 0.00	19.86 1.33 0.00	18.12 1.16 0.00	17.17 1.07 0.00

ERIE_ST__34_KV_TB1-2 80199	18.50 0.11 -0.12	16.36 0.09 -0.07	12.69 0.01 -0.72	11.21 -0.03 -1.33	14.70 -0.02 -0.71	20.80 0.31 0.00	21.13 0.18 0.00	23.92 0.16 0.00	23.88 0.17 0.00	21.98 0.05 0.00	20.79 0.02 0.00	18.01 -0.05 0.42	15.97 -0.06 0.16	16.04 -0.01 1.40	15.27 -0.25 0.89	13.85 -0.29 2.55	16.36 -0.43 6.09	8.91 -0.54 10.15	12.13 -0.56 8.33	22.85 -0.93 0.87	20.36 -0.63 0.00	18.33 -0.21 0.00	16.87 -0.10 0.00	16.19 0.08 0.00
ERIE_WT_PWR 323693	18.37 -0.03 -0.12	16.23 -0.05 -0.06	12.60 -0.07 -0.72	11.14 -0.09 -1.32	14.59 -0.12 -0.70	20.62 0.13 0.00	20.82 -0.14 0.00	23.51 -0.25 0.00	23.44 -0.27 0.00	21.56 -0.37 0.00	20.40 -0.37 0.00	17.47 -0.45 0.56	15.55 -0.42 0.21	15.16 -0.40 1.88	14.60 -0.61 1.19	12.64 -0.63 3.43	15.02 -0.75 7.11	7.39 -0.77 11.44	9.57 -0.94 10.51	22.45 -1.22 0.98	20.15 -0.84 0.00	18.16 -0.38 0.00	16.72 -0.25 0.00	16.03 -0.07 0.00
ESPRGFLD_115KV_TB1 80157	19.16 1.00 0.12	16.98 0.84 0.07	11.78 0.57 0.74	8.96 0.42 1.36	13.93 0.65 0.73	21.57 1.08 0.00	22.22 1.26 0.00	25.31 1.54 0.00	25.24 1.53 0.00	23.24 1.30 0.00	21.95 1.18 0.00	19.56 1.08 0.00	17.09 0.91 0.00	18.44 0.99 0.00	17.26 0.85 0.00	17.67 0.98 0.00	24.29 1.42 0.00	20.82 1.21 -0.01	22.22 1.20 0.00	26.03 1.38 0.00	22.19 1.19 0.00	19.67 1.14 0.00	17.99 1.02 0.00	17.04 0.93 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.87 0.44 -0.16	16.64 0.34 -0.09	13.18 0.24 -0.99	11.92 0.20 -1.82	15.27 0.29 -0.97	20.99 0.50 0.00	21.50 0.55 0.00	24.41 0.65 0.00	24.30 0.59 0.00	22.39 0.46 0.00	21.24 0.47 0.00	19.06 0.37 -0.21	16.59 0.33 -0.08	18.46 0.31 -0.71	17.20 0.34 -0.45	18.44 0.44 -1.31	26.18 0.55 -2.75	24.51 0.42 -4.50	25.52 0.46 -4.04	25.57 0.54 -0.38	21.49 0.50 0.00	19.00 0.47 0.00	17.39 0.42 0.00	16.52 0.41 0.00
ETNA____115KV_TB2 80207	18.87 0.44 -0.16	16.64 0.34 -0.09	13.18 0.24 -0.99	11.92 0.20 -1.82	15.27 0.29 -0.97	20.99 0.50 0.00	21.50 0.55 0.00	24.41 0.65 0.00	24.30 0.59 0.00	22.39 0.46 0.00	21.24 0.47 0.00	19.06 0.37 -0.21	16.59 0.33 -0.08	18.46 0.31 -0.71	17.20 0.34 -0.45	18.44 0.44 -1.31	26.18 0.55 -2.75	24.51 0.42 -4.50	25.52 0.46 -4.04	25.57 0.54 -0.38	21.49 0.50 0.00	19.00 0.47 0.00	17.39 0.42 0.00	16.52 0.41 0.00
EUCLID____115KV_TB2 356179	18.22 -0.11 -0.06	16.11 -0.12 -0.03	12.22 -0.10 -0.37	10.51 -0.08 -0.69	14.25 -0.12 -0.37	20.36 -0.12 0.00	20.83 -0.13 0.00	23.62 -0.14 0.00	23.55 -0.16 0.00	21.77 -0.16 0.00	20.62 -0.15 0.00	18.33 -0.14 0.00	16.06 -0.12 0.00	17.32 -0.12 0.00	16.25 -0.15 0.00	16.53 -0.16 0.00	22.65 -0.22 0.00	19.37 -0.23 0.00	20.77 -0.25 0.00	24.34 -0.31 0.00	20.75 -0.24 0.00	18.37 -0.17 0.00	16.81 -0.16 0.00	15.98 -0.12 0.00
E_CANADA_CAP_HY 24051	20.61 1.25 -1.08	17.89 1.07 -0.61	19.36 0.74 -6.67	22.75 0.56 -12.29	21.43 0.85 -6.57	21.85 1.36 0.00	22.52 1.56 0.00	25.62 1.86 0.00	25.52 1.81 0.00	23.46 1.53 0.00	22.11 1.34 0.00	19.74 1.26 0.00	17.27 1.09 0.00	18.71 1.26 0.00	17.49 1.08 0.00	17.88 1.19 0.00	24.59 1.71 0.00	21.06 1.47 0.00	22.50 1.48 0.00	26.37 1.72 0.00	22.49 1.50 0.00	19.93 1.40 0.00	18.21 1.25 0.00	17.26 1.15 0.00
E_CANADA_MHWK_HY 24050	18.44 0.16 0.00	16.33 0.12 0.00	12.06 0.11 0.00	10.03 0.12 0.00	14.17 0.16 0.00	20.69 0.20 0.00	21.11 0.16 0.00	23.81 0.05 0.00	23.42 -0.29 0.00	21.67 -0.27 0.00	20.73 -0.04 0.00	18.48 0.00 0.00	16.19 0.01 0.00	17.43 -0.02 0.00	16.51 0.11 0.00	16.94 0.25 0.00	23.02 0.14 0.00	19.55 -0.05 0.00	21.02 0.00 0.00	24.99 0.34 0.00	21.38 0.39 0.00	18.70 0.17 0.00	17.10 0.13 0.00	16.26 0.16 0.00
E_FISHKILL____LBMP 23776	20.04 1.06 -0.71	17.57 0.96 -0.40	17.02 0.70 -4.37	18.51 0.56 -8.04	19.09 0.78 -4.30	21.54 1.05 0.00	22.04 1.08 0.00	24.95 1.19 0.00	24.81 1.10 0.00	22.98 1.05 0.00	21.89 1.12 0.00	19.50 1.03 0.00	17.00 0.81 0.00	18.33 0.89 0.00	17.32 0.91 0.00	17.71 1.01 0.00	24.24 1.36 0.00	20.77 1.18 0.00	22.33 1.31 0.00	26.11 1.46 0.00	22.23 1.23 0.00	19.53 1.00 0.00	17.93 0.96 0.00	17.07 0.97 0.00
FALCON____SEABRD_CC1 323796	17.64 -0.64 0.00	15.63 -0.58 0.00	11.64 -0.31 0.00	9.68 -0.22 0.00	13.73 -0.27 0.00	20.22 -0.27 0.00	21.04 0.08 0.00	24.19 0.43 0.00	24.35 0.64 0.00	22.31 0.37 0.00	21.27 0.50 0.00	18.87 0.39 0.00	16.52 0.34 0.00	17.67 0.22 0.00	16.54 0.14 0.00	16.79 0.09 0.00	23.07 0.19 0.00	20.26 0.66 0.00	21.85 0.83 0.00	25.55 0.90 0.00	21.66 0.67 0.00	19.07 0.54 0.00	17.42 0.45 0.00	16.52 0.41 0.00
FALCON____SEABRD_CC2 323797	17.64 -0.64 0.00	15.63 -0.58 0.00	11.64 -0.31 0.00	9.68 -0.22 0.00	13.73 -0.27 0.00	20.22 -0.27 0.00	21.04 0.08 0.00	24.19 0.43 0.00	24.35 0.64 0.00	22.31 0.37 0.00	21.27 0.50 0.00	18.87 0.39 0.00	16.52 0.34 0.00	17.67 0.22 0.00	16.54 0.14 0.00	16.79 0.09 0.00	23.07 0.19 0.00	20.26 0.66 0.00	21.85 0.83 0.00	25.55 0.90 0.00	21.66 0.67 0.00	19.07 0.54 0.00	17.42 0.45 0.00	16.52 0.41 0.00
FAR ROCKAWAY____4 23548	44.60 1.67 -24.65	43.91 1.49 -26.21	19.23 1.09 -6.20	19.25 0.87 -8.48	31.42 1.22 -16.19	37.39 1.69 -15.21	29.43 1.58 -6.89	25.75 1.99 0.00	27.88 1.86 -2.31	23.62 1.69 0.00	22.63 1.80 -0.05	20.48 1.65 -0.35	17.48 1.29 0.00	18.84 1.40 0.00	17.79 1.38 0.00	18.14 1.44 0.00	24.87 2.00 0.00	21.15 1.55 0.00	22.68 1.66 0.00	26.61 1.96 0.00	22.66 1.67 0.00	20.79 1.56 -0.70	19.44 1.55 -0.93	52.06 1.55 -34.41
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.20 1.23 -0.69	17.72 1.13 -0.39	17.04 0.81 -4.28	18.43 0.64 -7.89	19.11 0.89 -4.21	21.66 1.18 0.00	22.23 1.27 0.00	25.21 1.44 0.00	25.07 1.36 0.00	23.25 1.32 0.00	22.19 1.42 0.00	19.79 1.31 0.00	17.22 1.04 0.00	18.57 1.13 0.00	17.54 1.13 0.00	17.94 1.24 0.00	24.59 1.71 0.00	21.08 1.48 0.00	22.63 1.61 0.00	26.42 1.77 0.00	22.48 1.49 0.00	19.75 1.22 0.00	18.17 1.21 0.00	17.29 1.18 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.21 1.24 -0.69	17.73 1.13 -0.39	17.05 0.81 -4.28	18.44 0.65 -7.89	19.12 0.90 -4.21	21.68 1.20 0.00	22.24 1.28 0.00	25.22 1.46 0.00	25.09 1.38 0.00	23.26 1.33 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.23 1.05 0.00	18.58 1.14 0.00	17.54 1.14 0.00	17.95 1.25 0.00	24.60 1.73 0.00	21.09 1.49 0.00	22.64 1.62 0.00	26.44 1.78 0.00	22.49 1.50 0.00	19.77 1.24 0.00	18.18 1.22 0.00	17.30 1.19 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.19 1.22 -0.69	17.72 1.12 -0.39	17.04 0.81 -4.28	18.43 0.64 -7.89	19.11 0.89 -4.21	21.66 1.18 0.00	22.22 1.27 0.00	25.20 1.44 0.00	25.07 1.36 0.00	23.25 1.32 0.00	22.19 1.42 0.00	19.79 1.31 0.00	17.21 1.03 0.00	18.57 1.13 0.00	17.53 1.13 0.00	17.94 1.24 0.00	24.59 1.71 0.00	21.07 1.47 0.00	22.62 1.61 0.00	26.41 1.76 0.00	22.47 1.48 0.00	19.75 1.22 0.00	18.16 1.20 0.00	17.28 1.18 0.00

FARRAGUT___LBMP 323566	20.18 1.21 -0.69	17.71 1.11 -0.39	17.03 0.80 -4.28	18.42 0.63 -7.89	19.10 0.88 -4.21	21.65 1.16 0.00	22.21 1.25 0.00	25.18 1.42 0.00	25.05 1.34 0.00	23.23 1.30 0.00	22.17 1.40 0.00	19.77 1.29 0.00	17.20 1.02 0.00	18.55 1.11 0.00	17.52 1.11 0.00	17.91 1.22 0.00	24.56 1.69 0.00	21.05 1.45 0.00	22.60 1.59 0.00	26.39 1.74 0.00	22.46 1.47 0.00	19.73 1.20 0.00	18.15 1.19 0.00	17.27 1.17 0.00
FENNER___WINDPWR 24204	18.67 0.31 -0.09	16.44 0.19 -0.05	12.61 0.13 -0.53	11.01 0.12 -0.98	14.71 0.18 -0.52	20.81 0.32 0.00	21.34 0.38 0.00	24.25 0.49 0.00	24.24 0.53 0.00	22.35 0.42 0.00	21.19 0.42 0.00	18.81 0.33 0.00	16.48 0.30 0.00	17.79 0.34 0.00	16.74 0.34 0.00	17.04 0.34 0.00	23.33 0.45 0.00	19.93 0.33 0.00	21.39 0.37 0.00	25.13 0.48 0.00	21.40 0.41 0.00	18.89 0.36 0.00	17.25 0.29 0.00	16.38 0.27 0.00
FIBERTEK___ENERGY 23856	18.42 0.07 -0.07	16.29 0.04 -0.04	12.41 0.03 -0.44	10.73 0.02 -0.81	14.45 0.02 -0.43	20.58 0.09 0.00	21.06 0.11 0.00	23.88 0.12 0.00	23.81 0.09 0.00	22.00 0.07 0.00	20.84 0.07 0.00	18.52 0.04 0.00	16.22 0.04 0.00	17.50 0.05 0.00	16.43 0.03 0.00	16.73 0.03 0.00	22.91 0.03 0.00	19.59 -0.01 0.00	21.01 -0.01 0.00	24.62 -0.03 0.00	20.99 0.00 0.00	18.57 0.03 0.00	16.99 0.03 0.00	16.15 0.04 0.00
FITZPATRICK____ 23598	17.94 -0.38 -0.04	15.88 -0.36 -0.02	11.95 -0.27 -0.27	10.18 -0.22 -0.49	13.96 -0.31 -0.26	20.07 -0.42 0.00	20.52 -0.44 0.00	23.27 -0.50 0.00	23.21 -0.51 0.00	21.45 -0.49 0.00	20.31 -0.46 0.00	18.06 -0.42 0.00	15.82 -0.36 0.00	17.06 -0.39 0.00	16.01 -0.39 0.00	16.29 -0.40 0.00	22.33 -0.55 0.00	19.10 -0.50 0.00	20.48 -0.53 0.00	24.01 -0.64 0.00	20.47 -0.52 0.00	18.10 -0.43 0.00	16.58 -0.39 0.00	15.75 -0.35 0.00
FLOWRFLD_69_KV_BK1 356044	44.72 1.80 -24.65	46.05 1.64 -28.20	19.59 1.21 -6.43	19.38 0.93 -8.55	32.98 1.32 -17.65	39.27 1.86 -16.92	29.81 1.95 -6.91	25.92 2.16 0.00	27.96 1.94 -2.31	23.55 1.62 0.00	22.43 1.61 -0.05	20.26 1.43 -0.35	17.25 1.07 0.00	18.56 1.12 0.00	17.47 1.07 0.01	14.07 1.09 3.72	24.43 1.56 0.00	20.97 1.37 0.00	22.55 1.53 0.00	26.56 1.91 0.00	22.63 1.64 0.00	20.74 1.51 -0.70	19.36 1.47 -0.93	52.07 1.55 -34.41
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.22 1.25 -0.69	17.72 1.13 -0.39	17.05 0.82 -4.28	18.45 0.66 -7.88	19.14 0.92 -4.21	21.77 1.28 0.00	22.29 1.34 0.00	25.25 1.48 0.00	25.10 1.39 0.00	23.23 1.30 0.00	22.12 1.34 0.00	19.70 1.23 0.00	17.18 1.00 0.00	18.52 1.08 0.00	17.52 1.12 0.00	17.94 1.24 0.00	24.57 1.69 0.00	21.07 1.46 0.00	22.60 1.59 0.00	26.45 1.80 0.00	22.51 1.52 0.00	19.78 1.25 0.00	18.14 1.18 0.00	17.25 1.15 0.00
FORT ORANGE____ 23900	19.84 0.71 -0.85	17.35 0.66 -0.48	17.74 0.51 -5.28	20.09 0.47 -9.72	19.84 0.64 -5.19	21.30 0.81 0.00	21.69 0.73 0.00	24.48 0.71 0.00	24.30 0.59 0.00	22.52 0.58 0.00	21.39 0.62 0.00	18.99 0.52 0.00	16.55 0.37 0.00	17.88 0.44 0.00	16.89 0.49 0.00	17.25 0.55 0.00	23.50 0.63 0.00	20.13 0.52 0.00	21.67 0.66 0.00	25.42 0.78 0.00	21.65 0.66 0.00	19.03 0.50 0.00	17.45 0.49 0.00	16.65 0.54 0.00
FORT_DRUM_COGEN 23780	18.43 0.11 -0.04	15.89 -0.34 -0.02	11.84 -0.33 -0.22	10.06 -0.26 -0.41	13.91 -0.32 -0.22	20.07 -0.42 0.00	21.07 0.11 0.00	24.36 0.60 0.00	24.24 0.53 0.00	22.32 0.39 0.00	20.51 -0.26 0.00	18.59 0.11 0.00	16.61 0.43 0.00	17.88 0.43 0.00	16.28 -0.12 0.00	16.25 -0.45 0.00	22.68 -0.20 0.00	19.61 0.01 0.00	21.12 0.10 0.00	24.97 0.32 0.00	21.00 0.01 0.00	18.46 -0.07 0.00	16.76 -0.21 0.00	15.90 -0.21 0.00
FPL_FAR_ROCK_GT1 24212	44.59 1.67 -24.65	43.91 1.49 -26.21	19.23 1.08 -6.20	19.25 0.87 -8.48	31.42 1.22 -16.19	37.39 1.69 -15.21	29.43 1.58 -6.89	25.76 2.00 0.00	27.88 1.87 -2.31	23.62 1.69 0.00	22.63 1.80 -0.05	20.47 1.64 -0.35	17.48 1.30 0.00	18.85 1.40 0.00	17.79 1.39 0.00	18.14 1.44 0.00	24.87 1.99 0.00	21.14 1.55 0.00	22.67 1.66 0.00	26.61 1.96 0.00	22.66 1.67 0.00	20.79 1.56 -0.70	19.45 1.55 -0.93	52.06 1.55 -34.41
FPL_FAR_ROCK_GT2 23815	44.59 1.67 -24.65	43.91 1.49 -26.21	19.23 1.08 -6.20	19.25 0.87 -8.48	31.42 1.22 -16.19	37.39 1.69 -15.21	29.43 1.58 -6.89	25.76 2.00 0.00	27.88 1.87 -2.31	23.62 1.69 0.00	22.63 1.80 -0.05	20.47 1.64 -0.35	17.48 1.30 0.00	18.85 1.40 0.00	17.79 1.39 0.00	18.14 1.44 0.00	24.87 1.99 0.00	21.14 1.55 0.00	22.67 1.66 0.00	26.61 1.96 0.00	22.66 1.67 0.00	20.79 1.56 -0.70	19.45 1.55 -0.93	52.06 1.55 -34.41
FRANKLIN_FALL_HYD 24054	17.64 -0.64 0.00	15.61 -0.59 0.00	11.60 -0.35 0.00	9.65 -0.25 0.00	13.68 -0.32 0.00	20.15 -0.34 0.00	20.90 -0.06 0.00	24.02 0.26 0.00	24.14 0.43 0.00	22.18 0.24 0.00	21.04 0.27 0.00	18.69 0.21 0.00	16.41 0.23 0.00	17.53 0.08 0.00	16.38 -0.03 0.00	16.62 -0.08 0.00	22.90 0.02 0.00	19.99 0.39 0.00	21.46 0.44 0.00	25.17 0.51 0.00	21.36 0.37 0.00	18.88 0.35 0.00	17.23 0.26 0.00	16.30 0.20 0.00
FREEPORT_EQUS_GT1 23764	44.50 1.57 -24.65	44.68 1.42 -27.06	19.27 1.03 -6.30	19.22 0.82 -8.51	31.97 1.15 -16.81	38.01 1.58 -15.94	29.50 1.64 -6.90	25.62 1.86 0.00	27.76 1.74 -2.31	23.49 1.56 0.00	22.48 1.66 -0.05	20.33 1.51 -0.35	17.36 1.18 0.00	18.71 1.27 0.00	17.66 1.25 0.00	17.98 1.28 0.00	24.66 1.78 0.00	21.12 1.52 0.00	22.68 1.66 0.00	26.61 1.96 0.00	22.67 1.68 0.00	20.72 1.48 -0.70	19.34 1.44 -0.93	51.98 1.46 -34.41
FREEPORT___CT2 23818	44.50 1.57 -24.65	44.68 1.42 -27.06	19.27 1.03 -6.30	19.22 0.82 -8.51	31.97 1.15 -16.81	38.01 1.58 -15.94	29.50 1.64 -6.90	25.62 1.86 0.00	27.76 1.74 -2.31	23.49 1.56 0.00	22.48 1.66 -0.05	20.33 1.51 -0.35	17.36 1.18 0.00	18.71 1.27 0.00	17.66 1.25 0.00	17.98 1.28 0.00	24.66 1.78 0.00	21.12 1.52 0.00	22.68 1.66 0.00	26.61 1.96 0.00	22.67 1.68 0.00	20.72 1.48 -0.70	19.34 1.44 -0.93	51.98 1.46 -34.41
FRESHKLS_33_KV_LOAD 356253	20.36 1.39 -0.69	17.86 1.26 -0.39	17.13 0.89 -4.28	18.51 0.72 -7.89	19.22 1.00 -4.21	21.85 1.36 0.00	22.42 1.47 0.00	25.38 1.62 0.00	25.21 1.50 0.00	23.34 1.41 0.00	22.26 1.49 0.00	19.84 1.36 0.00	17.26 1.07 0.00	18.61 1.16 0.00	17.57 1.17 0.00	17.97 1.28 0.00	24.66 1.78 0.00	21.15 1.55 0.00	22.73 1.71 0.00	26.58 1.93 0.00	22.61 1.62 0.00	19.88 1.34 0.00	18.29 1.33 0.00	17.42 1.31 0.00
FULTON COGEN____ 23766	18.20 -0.13 -0.06	16.08 -0.15 -0.03	12.18 -0.12 -0.35	10.44 -0.10 -0.64	14.21 -0.15 -0.34	20.33 -0.16 0.00	20.80 -0.15 0.00	23.60 -0.16 0.00	23.51 -0.20 0.00	21.74 -0.20 0.00	20.57 -0.20 0.00	18.27 -0.20 0.00	16.04 -0.14 0.00	17.30 -0.14 0.00	16.22 -0.18 0.00	16.50 -0.20 0.00	22.61 -0.26 0.00	19.34 -0.26 0.00	20.75 -0.27 0.00	24.31 -0.34 0.00	20.73 -0.26 0.00	18.34 -0.19 0.00	16.79 -0.18 0.00	15.96 -0.15 0.00



FULTON___LFGE 323630	20.96 1.67 -1.02	18.20 1.42 -0.57	19.24 1.01 -6.28	22.31 0.84 -11.57	21.40 1.22 -6.18	22.41 1.92 0.00	23.18 2.23 0.00	26.34 2.57 0.00	26.08 2.37 0.00	23.87 1.94 0.00	22.45 1.68 0.00	20.08 1.60 0.00	17.57 1.38 0.00	19.04 1.59 0.00	17.86 1.46 0.00	18.34 1.64 0.00	25.17 2.29 0.00	21.50 1.90 0.00	23.10 2.09 0.00	27.07 2.42 0.00	23.14 2.15 0.00	20.43 1.90 0.00	18.66 1.69 0.00	17.64 1.54 0.00
G.F.CEMENT___DRP 24184	20.38 1.21 -0.89	17.74 1.03 -0.50	18.26 0.78 -5.53	20.70 0.61 -10.18	20.35 0.90 -5.44	21.80 1.31 0.00	22.29 1.34 0.00	25.12 1.36 0.00	24.90 1.19 0.00	23.04 1.11 0.00	21.93 1.16 0.00	19.58 1.10 0.00	17.12 0.93 0.00	18.64 1.19 0.00	17.65 1.25 0.00	17.95 1.25 0.00	24.44 1.56 0.00	20.83 1.24 0.00	22.50 1.48 0.00	26.29 1.64 0.00	22.36 1.37 0.00	19.67 1.14 0.00	17.97 1.00 0.00	17.07 0.96 0.00
GARDENVILLE___LBMP 24039	18.30 -0.09 -0.11	16.18 -0.09 -0.06	12.57 -0.10 -0.72	11.10 -0.12 -1.32	14.55 -0.16 -0.70	20.55 0.07 0.00	20.76 -0.20 0.00	23.47 -0.29 0.00	23.39 -0.32 0.00	21.51 -0.42 0.00	20.35 -0.42 0.00	17.35 -0.49 0.63	15.50 -0.45 0.24	14.89 -0.43 2.13	14.41 -0.65 1.35	12.13 -0.69 3.88	13.90 -0.84 8.14	5.67 -0.84 13.09	8.04 -1.00 11.97	22.24 -1.28 1.13	20.09 -0.90 0.00	18.11 -0.43 0.00	16.67 -0.30 0.00	15.99 -0.11 0.00
GARDNVLA_35_KV_LD 355827	18.38 -0.01 -0.12	16.24 -0.04 -0.07	12.61 -0.06 -0.72	11.14 -0.08 -1.32	14.59 -0.12 -0.71	20.63 0.14 0.00	20.83 -0.12 0.00	23.56 -0.20 0.00	23.47 -0.24 0.00	21.58 -0.35 0.00	20.43 -0.34 0.00	17.52 -0.43 0.53	15.59 -0.39 0.20	15.28 -0.37 1.79	14.68 -0.59 1.13	12.80 -0.63 3.26	15.41 -0.73 6.74	7.99 -0.78 10.83	10.12 -0.94 9.96	22.53 -1.19 0.93	20.17 -0.82 0.00	18.18 -0.36 0.00	16.74 -0.23 0.00	16.05 -0.06 0.00
GELCKHM___115KV_LOAD 80723	18.30 -0.05 -0.06	16.18 -0.06 -0.04	12.30 -0.05 -0.40	10.59 -0.05 -0.73	14.32 -0.07 -0.39	20.44 -0.04 0.00	20.92 -0.04 0.00	23.72 -0.04 0.00	23.65 -0.06 0.00	21.86 -0.08 0.00	20.70 -0.07 0.00	18.40 -0.08 0.00	16.12 -0.06 0.00	17.39 -0.05 0.00	16.32 -0.09 0.00	16.61 -0.09 0.00	22.75 -0.13 0.00	19.45 -0.14 0.00	20.86 -0.16 0.00	24.45 -0.20 0.00	20.84 -0.15 0.00	18.44 -0.09 0.00	16.88 -0.09 0.00	16.04 -0.06 0.00
GENERAL___MILLS 23808	18.35 -0.04 -0.12	16.22 -0.05 -0.06	12.59 -0.07 -0.72	11.13 -0.10 -1.32	14.58 -0.13 -0.70	20.61 0.12 0.00	20.80 -0.16 0.00	23.52 -0.25 0.00	23.43 -0.28 0.00	21.55 -0.38 0.00	20.39 -0.38 0.00	17.46 -0.45 0.56	15.55 -0.42 0.21	15.16 -0.41 1.88	14.59 -0.62 1.19	12.60 -0.66 3.43	14.98 -0.78 7.12	7.35 -0.80 11.44	9.53 -0.97 10.51	22.43 -1.23 0.98	20.13 -0.86 0.00	18.15 -0.39 0.00	16.71 -0.26 0.00	16.03 -0.08 0.00
GE_PLASTICS___DRP 24183	19.79 0.66 -0.85	17.30 0.61 -0.48	17.71 0.47 -5.29	20.06 0.42 -9.74	19.78 0.57 -5.21	21.22 0.73 0.00	21.62 0.67 0.00	24.42 0.66 0.00	24.27 0.56 0.00	22.49 0.56 0.00	21.37 0.60 0.00	19.00 0.52 0.00	16.57 0.39 0.00	17.90 0.45 0.00	16.89 0.48 0.00	17.22 0.52 0.00	23.49 0.61 0.00	20.12 0.52 0.00	21.65 0.64 0.00	25.38 0.74 0.00	21.62 0.62 0.00	19.01 0.48 0.00	17.44 0.47 0.00	16.62 0.52 0.00
GILBOA___1 23756	19.62 0.66 -0.68	17.18 0.59 -0.38	16.60 0.44 -4.21	18.03 0.36 -7.76	18.66 0.51 -4.15	21.18 0.69 0.00	21.65 0.69 0.00	24.51 0.74 0.00	24.37 0.66 0.00	22.57 0.64 0.00	21.44 0.67 0.00	19.08 0.61 0.00	16.66 0.48 0.00	17.99 0.54 0.00	16.95 0.54 0.00	17.28 0.58 0.00	23.63 0.75 0.00	20.22 0.62 0.00	21.71 0.69 0.00	25.45 0.80 0.00	21.67 0.68 0.00	19.11 0.58 0.00	17.52 0.55 0.00	16.68 0.57 0.00
GILBOA___2 23757	19.62 0.66 -0.68	17.18 0.59 -0.38	16.60 0.44 -4.21	18.03 0.36 -7.76	18.66 0.51 -4.15	21.18 0.69 0.00	21.65 0.69 0.00	24.51 0.74 0.00	24.37 0.66 0.00	22.57 0.64 0.00	21.44 0.67 0.00	19.08 0.61 0.00	16.66 0.48 0.00	17.99 0.54 0.00	16.95 0.54 0.00	17.28 0.58 0.00	23.63 0.75 0.00	20.22 0.62 0.00	21.71 0.69 0.00	25.45 0.80 0.00	21.67 0.68 0.00	19.11 0.58 0.00	17.52 0.55 0.00	16.68 0.57 0.00
GILBOA___3 23758	19.62 0.66 -0.68	17.18 0.59 -0.38	16.60 0.44 -4.21	18.03 0.36 -7.76	18.66 0.51 -4.15	21.18 0.69 0.00	21.65 0.69 0.00	24.51 0.74 0.00	24.37 0.66 0.00	22.57 0.64 0.00	21.44 0.67 0.00	19.08 0.61 0.00	16.66 0.48 0.00	17.99 0.54 0.00	16.95 0.54 0.00	17.28 0.58 0.00	23.63 0.75 0.00	20.22 0.62 0.00	21.71 0.69 0.00	25.45 0.80 0.00	21.67 0.68 0.00	19.11 0.58 0.00	17.52 0.55 0.00	16.68 0.57 0.00
GILBOA___4 23759	19.62 0.66 -0.68	17.18 0.59 -0.38	16.60 0.44 -4.21	18.03 0.36 -7.76	18.66 0.51 -4.15	21.18 0.69 0.00	21.65 0.69 0.00	24.51 0.74 0.00	24.37 0.66 0.00	22.57 0.64 0.00	21.44 0.67 0.00	19.08 0.61 0.00	16.66 0.48 0.00	17.99 0.54 0.00	16.95 0.54 0.00	17.28 0.58 0.00	23.63 0.75 0.00	20.22 0.62 0.00	21.71 0.69 0.00	25.45 0.80 0.00	21.67 0.68 0.00	19.11 0.58 0.00	17.52 0.55 0.00	16.68 0.57 0.00
GILBOA___ 23599	19.62 0.66 -0.68	17.18 0.59 -0.38	16.60 0.44 -4.21	18.03 0.36 -7.76	18.66 0.51 -4.15	21.18 0.69 0.00	21.65 0.69 0.00	24.50 0.74 0.00	24.37 0.66 0.00	22.57 0.64 0.00	21.44 0.67 0.00	19.08 0.61 0.00	16.66 0.48 0.00	17.98 0.54 0.00	16.95 0.54 0.00	17.29 0.59 0.00	23.64 0.76 0.00	20.22 0.62 0.00	21.71 0.69 0.00	25.45 0.80 0.00	21.67 0.68 0.00	19.11 0.58 0.00	17.53 0.55 0.00	16.68 0.57 0.00
GINNA___ 23603	17.55 -0.81 -0.08	15.52 -0.73 -0.04	11.88 -0.55 -0.48	10.32 -0.47 -0.89	13.82 -0.67 -0.47	19.68 -0.81 0.00	20.00 -0.95 0.00	22.63 -1.13 0.00	22.54 -1.17 0.00	20.80 -1.13 0.00	19.66 -1.11 0.00	17.37 -1.01 0.09	15.28 -0.87 0.03	16.22 -0.92 0.30	15.19 -1.03 0.19	15.07 -1.08 0.55	20.34 -1.44 1.10	16.35 -1.33 1.92	17.85 -1.46 1.71	22.76 -1.73 0.16	19.63 -1.37 0.00	17.52 -1.01 0.00	16.06 -0.91 0.00	15.32 -0.78 0.00
GLEN PARK___ 23778	18.50 0.19 -0.04	15.96 -0.27 -0.02	11.91 -0.27 -0.23	10.13 -0.21 -0.43	13.99 -0.25 -0.23	20.18 -0.31 0.00	21.18 0.22 0.00	24.46 0.70 0.00	24.31 0.60 0.00	22.42 0.49 0.00	20.63 -0.14 0.00	18.70 0.22 0.00	16.70 0.52 0.00	17.95 0.50 0.00	16.34 -0.06 0.00	16.28 -0.42 0.00	22.72 -0.16 0.00	19.63 0.03 0.00	21.14 0.12 0.00	25.05 0.40 0.00	21.11 0.12 0.00	18.58 0.05 0.00	16.86 -0.11 0.00	15.99 -0.12 0.00
GLENDALE_27_KV_LOAD 356172	20.28 1.31 -0.69	17.80 1.21 -0.39	17.10 0.86 -4.28	18.48 0.69 -7.89	19.17 0.95 -4.21	21.75 1.27 0.00	22.33 1.38 0.00	25.33 1.57 0.00	25.22 1.51 0.00	23.37 1.44 0.00	22.31 1.55 0.00	19.90 1.42 0.00	17.33 1.15 0.00	18.69 1.24 0.00	17.65 1.25 0.00	18.05 1.35 0.00	24.73 1.85 0.00	21.19 1.59 0.00	22.75 1.73 0.00	26.56 1.91 0.00	22.60 1.60 0.00	19.87 1.34 0.00	18.26 1.29 0.00	17.37 1.26 0.00

GLENWOOD_IC_1_G5 23712	44.35 1.43 -24.65	43.18 1.29 -25.69	19.02 0.93 -6.14	19.10 0.74 -8.46	30.85 1.04 -15.81	36.69 1.43 -14.77	29.35 1.50 -6.89	25.46 1.70 0.00	27.61 1.59 -2.31	23.42 1.48 0.00	22.42 1.60 -0.05	20.29 1.47 -0.35	17.34 1.16 0.00	18.70 1.25 0.00	17.65 1.25 0.00	18.01 1.31 0.00	24.53 1.66 0.00	21.02 1.42 0.00	22.56 1.54 0.00	26.41 1.75 0.00	22.48 1.48 0.00	20.50 1.27 -0.70	19.22 1.33 -0.93	51.83 1.32 -34.41
GLENWOOD_IC_2_G1 23688	44.25 1.32 -24.65	28.66 1.21 -11.25	17.27 0.88 -4.44	18.54 0.69 -7.94	20.18 0.98 -5.19	24.22 1.32 -2.41	29.14 1.38 -6.80	25.34 1.57 0.00	27.49 1.47 -2.31	23.31 1.37 0.00	22.30 1.49 -0.05	20.19 1.36 -0.35	17.25 1.07 0.00	18.60 1.16 0.00	17.56 1.16 0.00	17.93 1.23 0.00	24.56 1.68 0.00	21.04 1.44 0.00	22.59 1.58 0.00	26.44 1.79 0.00	22.50 1.51 0.00	20.51 1.28 -0.70	19.13 1.24 -0.93	51.75 1.24 -34.41
GLENWOOD_IC_3_G1 23689	44.25 1.32 -24.65	28.66 1.21 -11.25	17.27 0.88 -4.44	18.54 0.69 -7.94	20.18 0.98 -5.19	24.22 1.32 -2.41	29.14 1.38 -6.80	25.34 1.57 0.00	27.49 1.47 -2.31	23.31 1.37 0.00	22.30 1.49 -0.05	20.19 1.36 -0.35	17.25 1.07 0.00	18.60 1.16 0.00	17.56 1.16 0.00	17.93 1.23 0.00	24.56 1.68 0.00	21.04 1.44 0.00	22.59 1.58 0.00	26.44 1.79 0.00	22.50 1.51 0.00	20.51 1.28 -0.70	19.13 1.24 -0.93	51.75 1.24 -34.41
GLENWOOD___4 23550	44.35 1.43 -24.65	43.18 1.29 -25.69	19.02 0.93 -6.14	19.10 0.74 -8.46	30.85 1.04 -15.81	36.69 1.43 -14.77	29.35 1.50 -6.89	25.46 1.70 0.00	27.61 1.59 -2.31	23.42 1.48 0.00	22.42 1.60 -0.05	20.29 1.47 -0.35	17.34 1.16 0.00	18.70 1.25 0.00	17.65 1.25 0.00	18.01 1.32 0.00	24.59 1.71 0.00	21.07 1.47 0.00	22.61 1.60 0.00	26.47 1.82 0.00	22.53 1.54 0.00	20.55 1.32 -0.70	19.22 1.33 -0.93	51.83 1.32 -34.41
GLENWOOD___5 23614	44.35 1.43 -24.65	43.18 1.29 -25.69	19.02 0.93 -6.14	19.10 0.74 -8.46	30.85 1.04 -15.81	36.69 1.43 -14.77	29.35 1.50 -6.89	25.46 1.70 0.00	27.61 1.59 -2.31	23.42 1.48 0.00	22.42 1.60 -0.05	20.29 1.47 -0.35	17.34 1.16 0.00	18.70 1.25 0.00	17.65 1.25 0.00	18.01 1.32 0.00	24.59 1.71 0.00	21.07 1.47 0.00	22.61 1.60 0.00	26.47 1.82 0.00	22.53 1.54 0.00	20.55 1.32 -0.70	19.22 1.33 -0.93	51.83 1.32 -34.41
GLOBAL GREEN_PORT_GT1 23814	45.18 2.25 -24.65	46.54 2.12 -28.22	19.96 1.58 -6.43	19.71 1.26 -8.55	33.45 1.78 -17.67	39.97 2.55 -16.93	30.54 2.67 -6.91	26.71 2.95 0.00	28.57 2.55 -2.31	24.08 2.15 0.00	22.90 2.07 -0.05	20.64 1.82 -0.35	17.52 1.33 0.00	18.84 1.39 0.00	17.69 1.29 0.01	15.18 1.29 2.80	24.88 2.00 0.00	21.40 1.80 0.00	23.16 2.14 0.00	27.36 2.71 0.00	23.31 2.32 0.00	21.30 2.07 -0.70	19.84 1.94 -0.93	52.47 1.96 -34.41
GLOBE___DSASP 323697	17.77 -0.61 -0.10	15.75 -0.52 -0.06	12.20 -0.40 -0.65	10.74 -0.37 -1.20	14.12 -0.52 -0.64	20.03 -0.46 0.00	20.10 -0.85 0.00	22.62 -1.14 0.00	22.48 -1.23 0.00	20.67 -1.27 0.00	19.52 -1.25 0.00	16.84 -1.21 0.43	14.95 -1.07 0.16	14.89 -1.12 1.44	14.16 -1.33 0.91	12.75 -1.32 2.63	15.72 -1.67 5.49	9.10 -1.56 8.94	11.16 -1.75 8.11	21.58 -2.30 0.77	19.24 -1.75 0.00	17.41 -1.13 0.00	16.05 -0.92 0.00	15.45 -0.65 0.00
GOETHSLN___LBMP 323567	20.13 1.16 -0.69	17.65 1.06 -0.39	16.99 0.75 -4.28	18.39 0.59 -7.89	19.04 0.82 -4.21	21.56 1.08 0.00	22.14 1.18 0.00	25.08 1.32 0.00	24.92 1.21 0.00	23.10 1.17 0.00	22.07 1.30 0.00	19.70 1.23 0.00	17.12 0.94 0.00	18.48 1.03 0.00	17.43 1.02 0.00	17.84 1.14 0.00	24.47 1.59 0.00	20.99 1.39 0.00	22.53 1.51 0.00	26.28 1.63 0.00	22.37 1.38 0.00	19.66 1.12 0.00	18.11 1.14 0.00	17.21 1.11 0.00
GOLAH___69_KV_TB 1_2 80279	18.47 0.11 -0.08	16.39 0.14 -0.05	12.56 0.09 -0.51	10.91 0.06 -0.95	14.61 0.10 -0.51	20.85 0.36 0.00	21.16 0.20 0.00	23.88 0.11 0.00	23.69 -0.03 0.00	21.79 -0.14 0.00	20.60 -0.17 0.00	18.22 -0.18 0.07	16.03 -0.12 0.03	17.10 -0.10 0.25	15.95 -0.29 0.16	15.88 -0.36 0.46	22.01 -0.42 0.45	17.50 -0.51 1.59	19.01 -0.59 1.42	23.83 -0.69 0.13	20.56 -0.43 0.00	18.40 -0.13 0.00	16.87 -0.10 0.00	16.14 0.03 0.00
GOODYEAR_LAKE_HYD 323669	19.23 0.79 -0.17	16.98 0.68 -0.10	13.47 0.48 -1.05	12.20 0.37 -1.93	15.58 0.55 -1.03	21.35 0.86 0.00	21.92 0.96 0.00	24.91 1.15 0.00	24.83 1.12 0.00	22.93 1.00 0.00	21.73 0.96 0.00	19.34 0.87 0.00	16.88 0.70 0.00	18.20 0.75 0.00	17.09 0.68 0.00	17.48 0.78 0.00	23.96 1.09 0.00	20.52 0.91 -0.01	21.96 0.94 0.00	25.72 1.08 0.00	21.92 0.93 0.00	19.38 0.85 0.00	17.74 0.77 0.00	16.83 0.73 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.86 0.36 -0.23	16.61 0.28 -0.13	13.57 0.22 -1.40	12.66 0.18 -2.58	15.63 0.25 -1.38	20.90 0.42 0.00	21.40 0.45 0.00	24.32 0.56 0.00	24.22 0.51 0.00	22.36 0.43 0.00	21.25 0.48 0.00	18.94 0.37 -0.10	16.50 0.28 -0.04	18.09 0.31 -0.33	16.88 0.27 -0.21	17.65 0.35 -0.61	24.58 0.45 -1.25	22.07 0.32 -2.15	23.25 0.33 -1.90	25.17 0.34 -0.18	21.30 0.31 0.00	18.84 0.31 0.00	17.30 0.33 0.00	16.48 0.38 0.00
GOUDEY___7 23579	18.87 0.37 -0.23	16.63 0.29 -0.13	13.57 0.22 -1.40	12.67 0.18 -2.58	15.64 0.25 -1.38	20.91 0.43 0.00	21.41 0.46 0.00	24.34 0.57 0.00	24.24 0.53 0.00	22.38 0.44 0.00	21.27 0.50 0.00	18.96 0.38 -0.10	16.52 0.30 -0.04	18.11 0.33 -0.33	16.90 0.28 -0.21	17.67 0.36 -0.61	24.60 0.47 -1.25	22.08 0.34 -2.15	23.26 0.34 -1.90	25.19 0.36 -0.18	21.31 0.32 0.00	18.86 0.33 0.00	17.31 0.35 0.00	16.49 0.38 0.00
GOUDEY___8 23580	18.86 0.36 -0.23	16.61 0.28 -0.13	13.57 0.22 -1.40	12.66 0.18 -2.58	15.63 0.25 -1.38	20.90 0.42 0.00	21.40 0.45 0.00	24.32 0.56 0.00	24.22 0.51 0.00	22.36 0.43 0.00	21.25 0.48 0.00	18.94 0.37 -0.10	16.50 0.28 -0.04	18.09 0.31 -0.33	16.88 0.27 -0.21	17.65 0.35 -0.61	24.58 0.45 -1.25	22.07 0.32 -2.15	23.25 0.33 -1.90	25.17 0.34 -0.18	21.30 0.31 0.00	18.84 0.31 0.00	17.30 0.33 0.00	16.48 0.38 0.00
GOWANUS_GT1_1 24077	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.47 0.68 -7.89	19.16 0.95 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.33 1.57 0.00	25.20 1.49 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.88 1.40 0.00	17.30 1.11 0.00	18.66 1.21 0.00	17.61 1.21 0.00	18.01 1.32 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.55 1.90 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT1_2 24078	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.47 0.68 -7.89	19.16 0.95 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.33 1.57 0.00	25.20 1.49 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.88 1.40 0.00	17.30 1.11 0.00	18.66 1.21 0.00	17.61 1.21 0.00	18.01 1.32 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.55 1.90 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00

GOWANUS_GT1_3 24079	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.47 0.68 -7.89	19.16 0.95 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.33 1.57 0.00	25.20 1.49 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.88 1.40 0.00	17.30 1.11 0.00	18.66 1.21 0.00	17.61 1.21 0.00	18.01 1.32 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.55 1.90 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT1_4 24080	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.47 0.68 -7.89	19.16 0.95 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.33 1.57 0.00	25.20 1.49 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.88 1.40 0.00	17.30 1.11 0.00	18.66 1.21 0.00	17.61 1.21 0.00	18.01 1.32 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.55 1.90 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT1_5 24084	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.47 0.68 -7.89	19.16 0.95 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.33 1.57 0.00	25.20 1.49 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.88 1.40 0.00	17.30 1.11 0.00	18.66 1.21 0.00	17.61 1.21 0.00	18.01 1.32 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.55 1.90 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT1_6 24111	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.47 0.68 -7.89	19.16 0.95 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.33 1.57 0.00	25.20 1.49 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.88 1.40 0.00	17.30 1.11 0.00	18.66 1.21 0.00	17.61 1.21 0.00	18.01 1.32 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.55 1.90 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT1_7 24112	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.47 0.68 -7.89	19.16 0.95 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.33 1.57 0.00	25.20 1.49 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.88 1.40 0.00	17.30 1.11 0.00	18.66 1.21 0.00	17.61 1.21 0.00	18.01 1.32 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.55 1.90 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT1_8 24113	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.47 0.68 -7.89	19.16 0.95 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.33 1.57 0.00	25.20 1.49 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.88 1.40 0.00	17.30 1.11 0.00	18.66 1.21 0.00	17.61 1.21 0.00	18.01 1.32 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.55 1.90 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT2_1 24114	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT2_2 24115	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT2_3 24116	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT2_4 24117	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT2_5 24118	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT2_6 24119	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT2_7 24120	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT2_8 24121	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT3_1 24122	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00

GOWANUS_GT3_2 24123	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT3_3 24124	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT3_4 24125	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT3_5 24126	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT3_6 24127	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT3_7 24128	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT3_8 24129	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT4_1 24130	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.47 0.68 -7.89	19.16 0.95 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.33 1.57 0.00	25.20 1.49 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.88 1.40 0.00	17.30 1.11 0.00	18.66 1.21 0.00	17.61 1.21 0.00	18.01 1.32 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.55 1.90 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT4_2 24131	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.47 0.68 -7.89	19.16 0.95 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.33 1.57 0.00	25.20 1.49 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.88 1.40 0.00	17.30 1.11 0.00	18.66 1.21 0.00	17.61 1.21 0.00	18.01 1.32 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.55 1.90 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT4_3 24132	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.47 0.68 -7.89	19.16 0.95 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.33 1.57 0.00	25.20 1.49 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.88 1.40 0.00	17.30 1.11 0.00	18.66 1.21 0.00	17.61 1.21 0.00	18.01 1.32 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.55 1.90 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT4_4 24133	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.47 0.68 -7.89	19.16 0.95 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.33 1.57 0.00	25.20 1.49 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.88 1.40 0.00	17.30 1.11 0.00	18.66 1.21 0.00	17.61 1.21 0.00	18.01 1.32 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.55 1.90 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT4_5 24134	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.47 0.68 -7.89	19.16 0.95 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.33 1.57 0.00	25.20 1.49 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.88 1.40 0.00	17.30 1.11 0.00	18.66 1.21 0.00	17.61 1.21 0.00	18.01 1.32 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.55 1.90 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT4_6 24135	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.47 0.68 -7.89	19.16 0.95 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.33 1.57 0.00	25.20 1.49 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.88 1.40 0.00	17.30 1.11 0.00	18.66 1.21 0.00	17.61 1.21 0.00	18.01 1.32 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.55 1.90 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT4_7 24136	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.47 0.68 -7.89	19.16 0.95 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.33 1.57 0.00	25.20 1.49 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.88 1.40 0.00	17.30 1.11 0.00	18.66 1.21 0.00	17.61 1.21 0.00	18.01 1.32 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.55 1.90 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GOWANUS_GT4_8 24137	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.47 0.68 -7.89	19.16 0.95 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.33 1.57 0.00	25.20 1.49 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.88 1.40 0.00	17.30 1.11 0.00	18.66 1.21 0.00	17.61 1.21 0.00	18.01 1.32 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.55 1.90 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00

GREENBSH_115KV_TB3 55895	19.76 0.63 -0.86	17.28 0.59 -0.48	17.71 0.46 -5.30	20.10 0.43 -9.77	19.80 0.58 -5.22	21.20 0.71 0.00	21.57 0.62 0.00	24.35 0.59 0.00	24.19 0.48 0.00	22.43 0.49 0.00	21.31 0.54 0.00	18.94 0.46 0.00	16.50 0.32 0.00	17.83 0.38 0.00	16.83 0.42 0.00	17.16 0.46 0.00	23.37 0.49 0.00	20.01 0.42 0.00	21.55 0.53 0.00	25.27 0.62 0.00	21.52 0.53 0.00	18.91 0.38 0.00	17.35 0.39 0.00	16.57 0.46 0.00
GREENDGE_115KV_TB5 80291	18.83 0.39 -0.17	16.55 0.25 -0.10	13.19 0.19 -1.06	12.01 0.16 -1.95	15.26 0.21 -1.04	20.93 0.44 0.00	21.49 0.53 0.00	24.51 0.75 0.00	24.48 0.76 0.00	22.50 0.57 0.00	21.43 0.66 0.00	20.11 0.44 -1.20	16.99 0.36 -0.45	21.91 0.46 -4.01	19.39 0.45 -2.54	24.63 0.58 -7.35	39.17 0.54 -15.76	45.29 0.31 -25.38	44.10 0.32 -22.76	27.23 0.44 -2.14	21.58 0.59 0.00	19.12 0.59 0.00	17.53 0.56 0.00	16.64 0.53 0.00
GREENIDGE___3 23582	18.83 0.39 -0.17	16.55 0.25 -0.10	13.19 0.19 -1.06	12.01 0.16 -1.95	15.26 0.21 -1.04	20.93 0.44 0.00	21.49 0.53 0.00	24.51 0.75 0.00	24.48 0.76 0.00	22.50 0.57 0.00	21.43 0.66 0.00	20.11 0.44 -1.20	16.99 0.36 -0.45	21.91 0.46 -4.01	19.39 0.45 -2.54	24.63 0.58 -7.35	39.17 0.54 -15.76	45.29 0.31 -25.38	44.10 0.32 -22.76	27.23 0.44 -2.14	21.58 0.59 0.00	19.12 0.59 0.00	17.53 0.56 0.00	16.64 0.53 0.00
GREENIDGE___4 23583	18.84 0.39 -0.17	16.55 0.25 -0.10	13.19 0.18 -1.06	12.00 0.15 -1.95	15.25 0.21 -1.04	20.93 0.45 0.00	21.49 0.53 0.00	24.51 0.75 0.00	24.48 0.77 0.00	22.50 0.57 0.00	21.43 0.66 0.00	20.11 0.44 -1.20	16.99 0.36 -0.45	21.91 0.46 -4.01	19.39 0.45 -2.54	24.63 0.58 -7.35	39.26 0.53 -15.85	45.35 0.31 -25.44	44.07 0.32 -22.73	27.25 0.44 -2.15	21.58 0.59 0.00	19.12 0.59 0.00	17.53 0.56 0.00	16.63 0.52 0.00
GREENLWN_69_KV_BK 3 55738	44.44 1.51 -24.65	45.72 1.38 -28.14	19.37 1.00 -6.42	19.23 0.78 -8.54	32.72 1.10 -17.61	38.86 1.51 -16.86	29.45 1.59 -6.91	25.54 1.78 0.00	27.68 1.66 -2.31	23.41 1.48 0.00	22.38 1.56 -0.05	20.24 1.42 -0.35	17.27 1.08 0.00	18.60 1.16 0.00	17.55 1.15 0.00	18.45 1.14 -0.61	24.53 1.65 0.00	21.00 1.40 0.00	22.52 1.50 0.00	26.44 1.79 0.00	22.51 1.52 0.00	20.59 1.36 -0.70	19.23 1.33 -0.93	51.89 1.38 -34.41
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.47 0.68 -7.89	19.16 0.95 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.33 1.57 0.00	25.20 1.49 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.88 1.40 0.00	17.30 1.11 0.00	18.66 1.21 0.00	17.61 1.32 0.00	18.01 1.32 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.55 1.90 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
GRISSOM___SOLAR 323813	20.96 1.67 -1.02	18.20 1.42 -0.57	19.24 1.01 -6.28	22.31 0.84 -11.57	21.40 1.22 -6.18	22.41 1.92 0.00	23.18 2.23 0.00	26.34 2.57 0.00	26.08 2.37 0.00	23.87 1.94 0.00	22.45 1.68 0.00	20.08 1.60 0.00	17.57 1.38 0.00	19.04 1.59 0.00	17.86 1.46 0.00	18.34 1.64 0.00	25.17 2.29 0.00	21.50 1.90 0.00	23.10 2.09 0.00	27.07 2.42 0.00	23.14 2.15 0.00	20.43 1.90 0.00	18.66 1.69 0.00	17.64 1.54 0.00
GROVEVILLE___HYD 323602	20.22 1.25 -0.69	17.72 1.13 -0.39	17.05 0.82 -4.28	18.45 0.66 -7.88	19.14 0.92 -4.21	21.77 1.28 0.00	22.29 1.34 0.00	25.25 1.48 0.00	25.10 1.39 0.00	23.23 1.30 0.00	22.12 1.34 0.00	19.70 1.23 0.00	17.18 1.00 0.00	18.52 1.08 0.00	17.52 1.12 0.00	17.94 1.24 0.00	24.57 1.69 0.00	21.07 1.46 0.00	22.60 1.59 0.00	26.45 1.80 0.00	22.51 1.52 0.00	19.78 1.25 0.00	18.14 1.18 0.00	17.25 1.15 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.42 0.07 -0.07	16.29 0.04 -0.04	12.41 0.03 -0.44	10.73 0.02 -0.81	14.45 0.02 -0.43	20.58 0.09 0.00	21.06 0.11 0.00	23.88 0.12 0.00	23.81 0.09 0.00	22.00 0.07 0.00	20.84 0.07 0.00	18.52 0.04 0.00	16.22 0.04 0.00	17.50 0.05 0.00	16.43 0.03 0.00	16.73 0.03 0.00	22.91 0.03 0.00	19.59 -0.01 0.00	21.01 -0.01 0.00	24.62 -0.03 0.00	20.99 0.00 0.00	18.57 0.03 0.00	16.99 0.03 0.00	16.15 0.04 0.00
HAMLTNNY_34_KV_TB 80303	18.47 0.12 -0.07	16.32 0.08 -0.04	12.47 0.06 -0.46	10.78 0.03 -0.85	14.51 0.05 -0.45	20.64 0.15 0.00	21.12 0.17 0.00	23.96 0.19 0.00	23.88 0.17 0.00	22.05 0.12 0.00	20.90 0.13 0.00	18.57 0.10 0.00	16.27 0.08 0.00	17.55 0.10 0.00	16.47 0.07 0.00	16.78 0.08 0.00	22.98 0.10 0.00	19.64 0.04 0.00	21.06 0.04 0.00	24.68 0.03 0.00	21.05 0.06 0.00	18.63 0.09 0.00	17.04 0.08 0.00	16.19 0.08 0.00
HAMPSHIRE___PAPER_HYD 323593	18.05 -0.24 -0.02	15.76 -0.45 -0.01	11.69 -0.38 -0.12	9.82 -0.30 -0.22	13.73 -0.39 -0.12	19.95 -0.54 0.00	20.72 -0.23 0.00	23.83 0.07 0.00	23.83 0.12 0.00	21.96 0.03 0.00	20.41 -0.37 0.00	18.30 -0.17 0.00	16.26 0.08 0.00	17.47 0.02 0.00	16.08 -0.33 0.00	16.19 -0.51 0.00	22.43 -0.45 0.00	19.36 -0.24 0.00	20.79 -0.23 0.00	24.48 -0.16 0.00	20.73 -0.26 0.00	18.35 -0.19 0.00	16.73 -0.24 0.00	15.85 -0.25 0.00
HARDSCRABBLE_WT_PWR 323673	18.43 0.15 0.00	16.31 0.10 0.00	12.04 0.08 0.00	10.00 0.09 0.00	14.13 0.13 0.00	20.66 0.17 0.00	21.09 0.13 0.00	23.84 0.08 0.00	23.91 0.20 0.00	22.01 0.08 0.00	20.86 0.09 0.00	18.40 -0.08 0.00	16.04 -0.14 0.00	16.87 -0.57 0.00	16.19 -0.21 0.00	16.92 0.22 0.00	22.99 0.12 0.00	19.52 -0.08 0.00	20.91 -0.10 0.00	24.57 -0.08 0.00	20.82 -0.17 0.00	18.53 -0.01 0.00	17.07 0.11 0.00	16.20 0.10 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.01 1.09 -0.65	17.54 0.97 -0.37	16.67 0.71 -4.01	17.87 0.58 -7.38	18.76 0.81 -3.95	21.58 1.09 0.00	22.10 1.15 0.00	25.05 1.29 0.00	24.91 1.20 0.00	23.08 1.14 0.00	21.97 1.20 0.00	19.59 1.11 0.00	17.07 0.89 0.00	18.40 0.96 0.00	17.39 0.98 0.00	17.79 1.09 0.00	24.40 1.52 0.00	20.89 1.29 0.00	22.38 1.37 0.00	26.22 1.57 0.00	22.32 1.33 0.00	19.60 1.07 0.00	17.99 1.03 0.00	17.12 1.01 0.00
HARSNRAD_115KV_TB1 81005	17.95 -0.43 -0.10	15.90 -0.36 -0.06	12.30 -0.30 -0.65	10.80 -0.30 -1.19	14.22 -0.42 -0.64	20.24 -0.25 0.00	20.35 -0.61 0.00	22.93 -0.83 0.00	22.82 -0.89 0.00	20.97 -0.96 0.00	19.82 -0.95 0.00	17.12 -0.91 0.44	15.22 -0.79 0.17	15.23 -0.74 1.48	14.49 -0.98 0.93	12.99 -1.03 2.68	15.87 -1.37 5.63	9.13 -1.26 9.22	11.30 -1.43 8.29	21.99 -1.87 0.78	19.63 -1.36 0.00	17.74 -0.79 0.00	16.34 -0.63 0.00	15.71 -0.40 0.00
HARZA MOOSE___RIVER 24016	18.53 0.23 -0.03	16.14 -0.08 -0.01	11.98 -0.12 -0.15	10.11 -0.07 -0.28	14.07 -0.09 -0.15	20.38 -0.10 0.00	21.15 0.19 0.00	24.29 0.53 0.00	24.25 0.54 0.00	22.33 0.39 0.00	20.78 0.01 0.00	18.63 0.16 0.00	16.54 0.36 0.00	17.86 0.41 0.00	16.53 0.13 0.00	16.67 -0.03 0.00	23.04 0.16 0.00	19.88 0.28 0.00	21.36 0.34 0.00	25.11 0.46 0.00	21.20 0.21 0.00	18.61 0.08 0.00	16.96 -0.01 0.00	16.10 -0.01 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	18.32 -0.02 -0.07	16.20 -0.04 -0.04	12.32 -0.04 -0.40	10.61 -0.04 -0.74	14.35 -0.05 -0.40	20.47 -0.02 0.00	20.94 -0.02 0.00	23.75 -0.01 0.00	23.68 -0.02 0.00	21.89 -0.05 0.00	20.75 -0.02 0.00	18.44 -0.04 0.00	16.14 -0.04 0.00	17.42 -0.03 0.00	16.35 -0.05 0.00	16.64 -0.06 0.00	22.79 -0.09 0.00	19.48 -0.12 0.00	20.89 -0.13 0.00	24.48 -0.17 0.00	20.87 -0.12 0.00	18.47 -0.07 0.00	16.91 -0.06 0.00	16.07 -0.04 0.00
HELLGATE_13_KV_LD 55870	20.21 1.24 -0.69	17.75 1.16 -0.39	17.06 0.83 -4.28	18.45 0.66 -7.89	19.13 0.91 -4.21	21.67 1.19 0.00	22.25 1.30 0.00	25.24 1.47 0.00	25.11 1.40 0.00	23.27 1.34 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.25 1.07 0.00	18.60 1.16 0.00	17.57 1.17 0.00	17.97 1.27 0.00	24.61 1.73 0.00	21.09 1.49 0.00	22.64 1.63 0.00	26.44 1.79 0.00	22.49 1.50 0.00	19.78 1.25 0.00	18.19 1.22 0.00	17.31 1.20 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.21 1.24 -0.69	17.75 1.16 -0.39	17.06 0.83 -4.28	18.45 0.66 -7.89	19.13 0.91 -4.21	21.67 1.19 0.00	22.25 1.30 0.00	25.24 1.47 0.00	25.11 1.40 0.00	23.27 1.34 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.25 1.07 0.00	18.60 1.16 0.00	17.57 1.17 0.00	17.97 1.27 0.00	24.61 1.73 0.00	21.09 1.49 0.00	22.64 1.63 0.00	26.44 1.79 0.00	22.49 1.50 0.00	19.78 1.25 0.00	18.19 1.22 0.00	17.31 1.20 0.00
HEMPSTEAD____ 23647	44.36 1.44 -24.65	44.05 1.30 -26.54	19.13 0.95 -6.24	19.14 0.74 -8.49	31.49 1.05 -16.43	37.42 1.43 -15.49	29.36 1.50 -6.90	25.47 1.71 0.00	27.61 1.59 -2.31	23.38 1.45 0.00	22.38 1.55 -0.05	20.26 1.43 -0.35	17.29 1.11 0.00	18.65 1.20 0.00	17.59 1.19 0.00	17.92 1.22 0.00	24.54 1.66 0.00	21.01 1.42 0.00	22.56 1.55 0.00	26.45 1.80 0.00	22.52 1.53 0.00	20.57 1.33 -0.70	19.21 1.31 -0.93	51.85 1.34 -34.41
HEWLETT_69_KV_BK3 55828	44.53 1.60 -24.65	43.85 1.44 -26.21	19.19 1.04 -6.20	19.22 0.83 -8.48	31.37 1.17 -16.19	37.32 1.62 -15.21	29.42 1.57 -6.89	25.65 1.89 0.00	27.79 1.77 -2.31	23.54 1.60 0.00	22.55 1.72 -0.05	20.40 1.57 -0.35	17.41 1.23 0.00	18.78 1.33 0.00	17.72 1.32 0.00	18.07 1.37 0.00	24.78 1.90 0.00	21.13 1.53 0.00	22.66 1.65 0.00	26.58 1.93 0.00	22.64 1.65 0.00	20.74 1.51 -0.70	19.38 1.48 -0.93	51.99 1.48 -34.41
HICKLING____1 23621	18.92 0.45 -0.18	16.63 0.32 -0.10	13.33 0.23 -1.15	12.18 0.16 -2.11	15.38 0.24 -1.13	20.98 0.49 0.00	21.52 0.57 0.00	24.55 0.78 0.00	24.56 0.85 0.00	22.65 0.71 0.00	21.59 0.82 0.00	19.48 0.59 -0.41	16.82 0.48 -0.15	19.34 0.51 -1.39	17.74 0.46 -0.88	19.69 0.48 -2.51	28.30 0.59 -4.83	28.01 0.40 -8.00	29.04 0.39 -7.64	25.72 0.39 -0.69	21.40 0.41 0.00	18.99 0.46 0.00	17.47 0.50 0.00	16.62 0.52 0.00
HICKLING____2 23622	18.92 0.45 -0.18	16.63 0.32 -0.10	13.33 0.23 -1.15	12.18 0.16 -2.11	15.38 0.24 -1.13	20.98 0.49 0.00	21.52 0.57 0.00	24.55 0.78 0.00	24.56 0.85 0.00	22.65 0.71 0.00	21.59 0.82 0.00	19.48 0.59 -0.41	16.82 0.48 -0.15	19.34 0.51 -1.39	17.74 0.46 -0.88	19.69 0.48 -2.51	28.30 0.59 -4.83	28.01 0.40 -8.00	29.04 0.39 -7.64	25.72 0.39 -0.69	21.40 0.41 0.00	18.99 0.46 0.00	17.47 0.50 0.00	16.62 0.52 0.00
HIGH FALLS____HY 23754	20.10 1.15 -0.68	17.65 1.06 -0.38	16.91 0.77 -4.20	18.23 0.60 -7.72	18.98 0.85 -4.13	21.67 1.19 0.00	22.25 1.30 0.00	25.22 1.45 0.00	25.08 1.37 0.00	23.16 1.23 0.00	22.05 1.27 0.00	19.63 1.15 0.00	17.10 0.92 0.00	18.46 1.02 0.00	17.27 0.87 0.00	17.77 1.07 0.00	24.45 1.57 0.00	20.93 1.34 0.00	22.48 1.46 0.00	26.32 1.67 0.00	22.53 1.54 0.00	19.79 1.26 0.00	18.15 1.18 0.00	17.25 1.15 0.00
HILLBURN____GT 23639	19.99 1.05 -0.66	17.52 0.94 -0.37	16.70 0.69 -4.07	17.96 0.56 -7.49	18.80 0.79 -4.00	21.54 1.05 0.00	22.06 1.10 0.00	25.00 1.24 0.00	24.88 1.16 0.00	23.04 1.10 0.00	21.96 1.19 0.00	19.58 1.11 0.00	17.05 0.87 0.00	18.37 0.93 0.00	17.35 0.95 0.00	17.73 1.04 0.00	24.31 1.43 0.00	20.80 1.20 0.00	22.29 1.27 0.00	26.12 1.47 0.00	22.25 1.26 0.00	19.53 1.00 0.00	17.94 0.97 0.00	17.08 0.97 0.00
HILLSIDE_115KV_TB1 80332	18.68 0.21 -0.19	16.44 0.13 -0.11	13.25 0.11 -1.18	12.17 0.09 -2.18	15.29 0.12 -1.16	20.74 0.25 0.00	21.27 0.31 0.00	24.26 0.49 0.00	24.18 0.46 0.00	22.30 0.37 0.00	21.25 0.48 0.00	19.08 0.28 -0.33	16.52 0.21 -0.12	18.76 0.22 -1.09	17.28 0.19 -0.69	18.98 0.28 -2.00	27.32 0.31 -4.13	26.59 0.17 -6.82	27.34 0.15 -6.17	25.33 0.11 -0.57	21.11 0.12 0.00	18.71 0.17 0.00	17.23 0.26 0.00	16.43 0.32 0.00
HISHELDN_WT_PWR 323625	18.22 -0.18 -0.13	16.05 -0.22 -0.07	12.53 -0.21 -0.78	11.14 -0.21 -1.44	14.49 -0.29 -0.77	20.36 -0.12 0.00	20.63 -0.32 0.00	23.35 -0.41 0.00	23.35 -0.36 0.00	21.48 -0.46 0.00	20.33 -0.44 0.00	16.55 -0.53 1.39	15.13 -0.53 0.53	12.29 -0.49 4.66	12.82 -0.63 2.95	7.57 -0.60 8.53	3.84 -0.78 18.26	-10.56 -0.76 29.40	-6.38 -0.94 26.46	20.93 -1.22 2.49	20.17 -0.82 0.00	18.14 -0.40 0.00	16.69 -0.27 0.00	15.95 -0.16 0.00
HOLTSVILLE_IC_1 23690	44.60 1.67 -24.65	45.98 1.55 -28.22	19.53 1.15 -6.43	19.35 0.90 -8.55	32.94 1.26 -17.67	39.17 1.75 -16.93	29.68 1.82 -6.91	25.79 2.02 0.00	27.82 1.80 -2.31	23.45 1.52 0.00	22.36 1.54 -0.05	20.19 1.36 -0.35	17.19 1.01 0.00	18.49 1.05 0.00	17.40 1.00 0.01	14.95 1.01 2.76	24.30 1.43 0.00	20.85 1.25 0.00	22.45 1.43 0.00	26.44 1.79 0.00	22.53 1.54 0.00	20.63 1.40 -0.70	19.26 1.37 -0.93	51.99 1.48 -34.41
HOLTSVILLE_IC_10 23699	44.70 1.77 -24.65	46.05 1.64 -28.20	19.60 1.22 -6.43	19.40 0.95 -8.55	32.99 1.33 -17.65	39.26 1.86 -16.92	29.81 1.95 -6.91	25.93 2.17 0.00	27.94 1.93 -2.31	23.56 1.62 0.00	22.44 1.62 -0.05	20.27 1.44 -0.35	17.25 1.07 0.00	18.56 1.12 0.00	17.46 1.06 0.01	14.84 1.07 2.93	24.40 1.52 0.00	20.94 1.35 0.00	22.56 1.54 0.00	26.59 1.94 0.00	22.65 1.66 0.00	20.74 1.51 -0.70	19.36 1.46 -0.93	52.08 1.56 -34.41
HOLTSVILLE_IC_2 23691	44.60 1.67 -24.65	45.98 1.55 -28.22	19.53 1.15 -6.43	19.35 0.90 -8.55	32.94 1.26 -17.67	39.17 1.75 -16.93	29.68 1.82 -6.91	25.79 2.02 0.00	27.82 1.80 -2.31	23.45 1.52 0.00	22.36 1.54 -0.05	20.19 1.36 -0.35	17.19 1.01 0.00	18.49 1.05 0.00	17.40 1.00 0.01	14.95 1.01 2.76	24.30 1.43 0.00	20.85 1.25 0.00	22.45 1.43 0.00	26.44 1.79 0.00	22.53 1.54 0.00	20.63 1.40 -0.70	19.26 1.37 -0.93	51.99 1.48 -34.41
HOLTSVILLE_IC_3 23692	44.60 1.67 -24.65	45.98 1.55 -28.22	19.53 1.15 -6.43	19.35 0.90 -8.55	32.94 1.26 -17.67	39.17 1.75 -16.93	29.68 1.82 -6.91	25.79 2.02 0.00	27.82 1.80 -2.31	23.45 1.52 0.00	22.36 1.54 -0.05	20.19 1.36 -0.35	17.19 1.01 0.00	18.49 1.05 0.00	17.40 1.00 0.01	14.95 1.01 2.76	24.30 1.43 0.00	20.85 1.25 0.00	22.45 1.43 0.00	26.44 1.79 0.00	22.53 1.54 0.00	20.63 1.40 -0.70	19.26 1.37 -0.93	51.99 1.48 -34.41

HOLTSVILLE_IC_4 23693	44.60 1.67 -24.65	45.98 1.55 -28.22	19.53 1.15 -6.43	19.35 0.90 -8.55	32.94 1.26 -17.67	39.17 1.75 -16.93	29.68 1.82 -6.91	25.79 2.02 0.00	27.82 1.80 -2.31	23.45 1.52 0.00	22.36 1.54 -0.05	20.19 1.36 -0.35	17.19 1.01 0.00	18.49 1.05 0.00	17.40 1.00 0.01	14.95 1.01 2.76	24.30 1.43 0.00	20.85 1.25 0.00	22.45 1.43 0.00	26.44 1.79 0.00	22.53 1.54 0.00	20.63 1.40 -0.70	19.26 1.37 -0.93	51.99 1.48 -34.41
HOLTSVILLE_IC_5 23694	44.60 1.67 -24.65	45.98 1.55 -28.22	19.53 1.15 -6.43	19.35 0.90 -8.55	32.94 1.26 -17.67	39.17 1.75 -16.93	29.68 1.82 -6.91	25.79 2.02 0.00	27.82 1.80 -2.31	23.45 1.52 0.00	22.36 1.54 -0.05	20.19 1.36 -0.35	17.19 1.01 0.00	18.49 1.05 0.00	17.40 1.00 0.01	14.95 1.01 2.76	24.30 1.43 0.00	20.85 1.25 0.00	22.45 1.43 0.00	26.44 1.79 0.00	22.53 1.54 0.00	20.63 1.40 -0.70	19.26 1.37 -0.93	51.99 1.48 -34.41
HOLTSVILLE_IC_6 23695	44.70 1.77 -24.65	46.05 1.64 -28.20	19.60 1.22 -6.43	19.40 0.95 -8.55	32.99 1.33 -17.65	39.26 1.86 -16.92	29.81 1.95 -6.91	25.93 2.17 0.00	27.94 1.93 -2.31	23.56 1.62 0.00	22.44 1.62 -0.05	20.27 1.44 -0.35	17.25 1.07 0.00	18.56 1.12 0.00	17.46 1.06 0.01	14.84 1.07 2.93	24.40 1.52 0.00	20.94 1.35 0.00	22.56 1.54 0.00	26.59 1.94 0.00	22.65 1.66 0.00	20.74 1.51 -0.70	19.36 1.46 -0.93	52.08 1.56 -34.41
HOLTSVILLE_IC_7 23696	44.70 1.77 -24.65	46.05 1.64 -28.20	19.60 1.22 -6.43	19.40 0.95 -8.55	32.99 1.33 -17.65	39.26 1.86 -16.92	29.81 1.95 -6.91	25.93 2.17 0.00	27.94 1.93 -2.31	23.56 1.62 0.00	22.44 1.62 -0.05	20.27 1.44 -0.35	17.25 1.07 0.00	18.56 1.12 0.00	17.46 1.06 0.01	14.84 1.07 2.93	24.40 1.52 0.00	20.94 1.35 0.00	22.56 1.54 0.00	26.59 1.94 0.00	22.65 1.66 0.00	20.74 1.51 -0.70	19.36 1.46 -0.93	52.08 1.56 -34.41
HOLTSVILLE_IC_8 23697	44.70 1.77 -24.65	46.05 1.64 -28.20	19.60 1.22 -6.43	19.40 0.95 -8.55	32.99 1.33 -17.65	39.26 1.86 -16.92	29.81 1.95 -6.91	25.93 2.17 0.00	27.94 1.93 -2.31	23.56 1.62 0.00	22.44 1.62 -0.05	20.27 1.44 -0.35	17.25 1.07 0.00	18.56 1.12 0.00	17.46 1.06 0.01	14.84 1.07 2.93	24.40 1.52 0.00	20.94 1.35 0.00	22.56 1.54 0.00	26.59 1.94 0.00	22.65 1.66 0.00	20.74 1.51 -0.70	19.36 1.46 -0.93	52.08 1.56 -34.41
HOLTSVILLE_IC_9 23698	44.70 1.77 -24.65	46.05 1.64 -28.20	19.60 1.22 -6.43	19.40 0.95 -8.55	32.99 1.33 -17.65	39.26 1.86 -16.92	29.81 1.95 -6.91	25.93 2.17 0.00	27.94 1.93 -2.31	23.56 1.62 0.00	22.44 1.62 -0.05	20.27 1.44 -0.35	17.25 1.07 0.00	18.56 1.12 0.00	17.46 1.06 0.01	14.84 1.07 2.93	24.40 1.52 0.00	20.94 1.35 0.00	22.56 1.54 0.00	26.59 1.94 0.00	22.65 1.66 0.00	20.74 1.51 -0.70	19.36 1.46 -0.93	52.08 1.56 -34.41
HOMER_HL_115KV_TB2 355744	19.01 0.60 -0.13	16.80 0.52 -0.07	13.08 0.33 -0.81	11.65 0.27 -1.48	15.20 0.40 -0.79	21.36 0.87 0.00	21.70 0.75 0.00	24.69 0.93 0.00	24.65 0.94 0.00	22.75 0.82 0.00	21.50 0.72 0.00	18.90 0.53 0.11	16.50 0.36 0.04	17.48 0.41 0.37	16.35 0.19 0.25	16.14 0.15 0.70	21.90 0.33 1.30	17.26 0.10 2.44	18.75 0.00 2.27	24.33 -0.10 0.22	21.02 0.03 0.00	18.85 0.32 0.00	17.36 0.40 0.00	16.70 0.59 0.00
HOWARD_WT_PWR 323690	18.26 -0.17 -0.16	16.03 -0.26 -0.09	12.67 -0.24 -0.96	11.44 -0.23 -1.77	14.61 -0.35 -0.95	20.15 -0.34 0.00	20.69 -0.27 0.00	23.61 -0.15 0.00	23.76 0.05 0.00	22.02 0.09 0.00	20.82 0.04 0.00	20.07 -0.13 -1.72	16.60 -0.23 -0.65	22.91 -0.29 -5.75	19.72 -0.32 -3.64	27.08 -0.16 -10.55	45.59 -0.15 -22.87	55.84 -0.35 -36.59	53.18 -0.51 -32.67	27.02 -0.72 -3.09	20.79 -0.21 0.00	18.68 0.14 0.00	17.15 0.18 0.00	16.17 0.06 0.00
HQ_GEN_CEDARS 23644	17.80 -0.47 0.00	15.78 -0.42 0.00	11.63 -0.32 0.00	9.67 -0.24 0.00	13.67 -0.33 0.00	20.01 -0.48 0.00	20.51 -0.45 0.00	23.36 -0.40 0.00	23.42 -0.30 0.00	21.68 -0.25 0.00	20.41 -0.36 0.00	18.16 -0.31 0.00	15.99 -0.19 0.00	17.20 -0.24 0.00	16.11 -0.29 0.00	16.34 -0.36 0.00	22.51 -0.37 0.00	19.36 -0.24 0.00	20.73 -0.29 0.00	24.34 -0.31 0.00	20.73 -0.26 0.00	18.38 -0.15 0.00	16.78 -0.19 0.00	15.89 -0.22 0.00
HQ_GEN_CEDARS_PROXY 323590	17.81 -0.47 0.00	15.78 -0.42 0.00	11.63 -0.32 0.00	9.66 -0.24 0.00	13.67 -0.33 0.00	20.01 -0.47 0.00	20.51 -0.45 0.00	23.36 -0.40 0.00	23.42 -0.30 0.00	21.68 -0.25 0.00	20.41 -0.36 0.00	18.16 -0.31 0.00	16.00 -0.18 0.00	17.20 -0.24 0.00	16.11 -0.29 0.00	16.34 -0.36 0.00	22.51 -0.37 0.00	19.36 -0.24 0.00	20.73 -0.29 0.00	24.34 -0.31 0.00	20.73 -0.26 0.00	18.38 -0.15 0.00	16.95 -0.19 -0.17	15.89 -0.22 0.00
HQ_GEN_IMPORT 323601	17.92 -0.35 0.00	15.91 -0.30 0.00	11.74 -0.21 0.00	9.73 -0.17 0.00	13.76 -0.24 0.00	20.14 -0.35 0.00	20.61 -0.35 0.00	23.41 -0.36 0.00	23.43 -0.28 0.00	21.67 -0.26 0.00	20.48 -0.29 0.00	18.21 -0.26 0.00	15.99 -0.19 0.00	17.22 -0.23 0.00	16.18 -0.23 0.00	16.36 -0.26 0.08	22.58 -0.30 0.00	19.38 -0.22 0.00	20.76 -0.26 0.00	24.35 -0.30 0.00	20.73 -0.27 0.00	18.32 -0.21 0.00	16.76 -0.21 0.00	15.86 -0.24 0.00
HQ_GEN_WHEEL 23651	17.92 -0.35 0.00	15.91 -0.30 0.00	11.74 -0.21 0.00	9.73 -0.17 0.00	13.76 -0.24 0.00	20.14 -0.35 0.00	20.61 -0.35 0.00	23.41 -0.36 0.00	23.43 -0.28 0.00	21.67 -0.26 0.00	20.48 -0.29 0.00	18.21 -0.26 0.00	15.99 -0.19 0.00	17.22 -0.23 0.00	16.18 -0.23 0.00	16.36 -0.26 0.08	22.58 -0.30 0.00	19.38 -0.22 0.00	20.76 -0.26 0.00	24.35 -0.30 0.00	20.73 -0.27 0.00	18.32 -0.21 0.00	16.76 -0.21 0.00	15.86 -0.24 0.00
HUDSON_AVE_GT_3 23810	20.21 1.24 -0.69	17.73 1.14 -0.39	17.05 0.82 -4.28	18.44 0.65 -7.89	19.12 0.90 -4.21	21.68 1.20 0.00	22.24 1.29 0.00	25.23 1.46 0.00	25.10 1.39 0.00	23.27 1.34 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.23 1.05 0.00	18.59 1.14 0.00	17.55 1.15 0.00	17.95 1.26 0.00	24.61 1.74 0.00	21.09 1.50 0.00	22.65 1.63 0.00	26.44 1.79 0.00	22.50 1.51 0.00	19.78 1.24 0.00	18.19 1.22 0.00	17.31 1.20 0.00
HUDSON_AVE_GT_4 23540	20.21 1.24 -0.69	17.73 1.14 -0.39	17.05 0.82 -4.28	18.44 0.65 -7.89	19.12 0.90 -4.21	21.68 1.20 0.00	22.24 1.29 0.00	25.23 1.46 0.00	25.10 1.39 0.00	23.27 1.34 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.23 1.05 0.00	18.59 1.14 0.00	17.55 1.15 0.00	17.95 1.26 0.00	24.61 1.74 0.00	21.09 1.50 0.00	22.65 1.63 0.00	26.44 1.79 0.00	22.50 1.51 0.00	19.78 1.24 0.00	18.19 1.22 0.00	17.31 1.20 0.00
HUDSON_AVE_GT_5 23657	20.21 1.24 -0.69	17.73 1.14 -0.39	17.05 0.82 -4.28	18.44 0.65 -7.89	19.12 0.90 -4.21	21.68 1.20 0.00	22.24 1.29 0.00	25.23 1.46 0.00	25.10 1.39 0.00	23.27 1.34 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.23 1.05 0.00	18.59 1.14 0.00	17.55 1.15 0.00	17.95 1.26 0.00	24.61 1.74 0.00	21.09 1.50 0.00	22.65 1.63 0.00	26.44 1.79 0.00	22.50 1.51 0.00	19.78 1.24 0.00	18.19 1.22 0.00	17.31 1.20 0.00

HUDSON_AVE_10 24168	20.18 1.21 -0.69	17.71 1.12 -0.39	17.03 0.80 -4.28	18.42 0.63 -7.89	19.10 0.88 -4.21	21.64 1.16 0.00	22.20 1.25 0.00	25.18 1.41 0.00	25.05 1.34 0.00	23.22 1.29 0.00	22.16 1.39 0.00	19.76 1.29 0.00	17.19 1.02 0.00	18.55 1.11 0.00	17.52 1.11 0.00	17.91 1.22 0.00	24.56 1.68 0.00	21.04 1.44 0.00	22.59 1.57 0.00	26.37 1.72 0.00	22.44 1.45 0.00	19.72 1.19 0.00	18.16 1.20 0.00	17.28 1.18 0.00
HUDSON___115KV_TB 4 355613	20.03 0.92 -0.83	17.52 0.84 -0.47	17.74 0.63 -5.16	19.98 0.57 -9.50	19.87 0.79 -5.08	21.56 1.07 0.00	21.97 1.02 0.00	24.80 1.04 0.00	24.60 0.88 0.00	22.77 0.84 0.00	21.59 0.82 0.00	19.16 0.68 0.00	16.69 0.51 0.00	18.07 0.63 0.00	17.09 0.68 0.00	17.51 0.81 0.00	23.86 0.99 0.00	20.42 0.82 0.00	22.01 0.99 0.00	25.82 1.17 0.00	21.98 0.99 0.00	19.33 0.80 0.00	17.69 0.73 0.00	16.85 0.74 0.00
HUNTER MOUNT___DRP 323613	20.08 1.00 -0.81	17.56 0.90 -0.46	17.62 0.67 -5.00	19.71 0.60 -9.20	19.78 0.85 -4.92	21.67 1.19 0.00	22.08 1.12 0.00	24.91 1.15 0.00	24.69 0.98 0.00	22.85 0.91 0.00	21.64 0.87 0.00	19.19 0.71 0.00	16.73 0.55 0.00	18.11 0.67 0.00	17.19 0.78 0.00	17.62 0.92 0.00	23.97 1.09 0.00	20.53 0.93 0.00	22.12 1.10 0.00	25.96 1.31 0.00	22.10 1.11 0.00	19.44 0.91 0.00	17.77 0.80 0.00	16.91 0.80 0.00
HUNTINGTON_RES_REC 323705	44.56 1.64 -24.65	45.89 1.50 -28.18	19.48 1.10 -6.43	19.31 0.86 -8.55	32.86 1.21 -17.64	39.06 1.67 -16.90	29.62 1.76 -6.91	25.73 1.97 0.00	27.81 1.79 -2.31	23.48 1.55 0.00	22.40 1.58 -0.05	20.24 1.41 -0.35	17.25 1.07 0.00	18.58 1.14 0.00	17.50 1.11 0.01	12.65 1.11 5.16	24.49 1.61 0.00	21.00 1.40 0.00	22.56 1.54 0.00	26.53 1.88 0.00	22.60 1.61 0.00	20.68 1.46 -0.70	19.31 1.41 -0.93	52.00 1.48 -34.41
HUNTLEY___63 23557	18.17 -0.21 -0.11	16.09 -0.18 -0.06	12.46 -0.16 -0.67	10.97 -0.17 -1.24	14.42 -0.24 -0.66	20.47 -0.02 0.00	20.57 -0.39 0.00	23.15 -0.61 0.00	23.03 -0.67 0.00	21.18 -0.75 0.00	20.03 -0.74 0.00	17.26 -0.75 0.47	15.35 -0.66 0.18	15.28 -0.60 1.56	14.58 -0.84 0.99	12.99 -0.85 2.85	15.87 -1.07 5.94	8.95 -1.02 9.63	11.06 -1.19 8.77	22.22 -1.60 0.83	19.85 -1.14 0.00	17.93 -0.60 0.00	16.51 -0.46 0.00	15.87 -0.24 0.00
HUNTLEY___64 23558	18.17 -0.21 -0.11	16.09 -0.18 -0.06	12.46 -0.16 -0.67	10.97 -0.17 -1.24	14.42 -0.24 -0.66	20.47 -0.02 0.00	20.57 -0.39 0.00	23.15 -0.61 0.00	23.03 -0.67 0.00	21.18 -0.75 0.00	20.03 -0.74 0.00	17.26 -0.75 0.47	15.35 -0.66 0.18	15.28 -0.60 1.56	14.58 -0.84 0.99	12.99 -0.85 2.85	15.87 -1.07 5.94	8.95 -1.02 9.63	11.06 -1.19 8.77	22.22 -1.60 0.83	19.85 -1.14 0.00	17.93 -0.60 0.00	16.51 -0.46 0.00	15.87 -0.24 0.00
HUNTLEY___65 23559	18.17 -0.21 -0.11	16.09 -0.18 -0.06	12.46 -0.16 -0.67	10.97 -0.17 -1.24	14.42 -0.24 -0.66	20.47 -0.02 0.00	20.57 -0.39 0.00	23.15 -0.61 0.00	23.03 -0.67 0.00	21.18 -0.75 0.00	20.03 -0.74 0.00	17.26 -0.75 0.47	15.35 -0.66 0.18	15.28 -0.60 1.56	14.58 -0.84 0.99	12.99 -0.85 2.85	15.87 -1.07 5.94	8.95 -1.02 9.63	11.06 -1.19 8.77	22.22 -1.60 0.83	19.85 -1.14 0.00	17.93 -0.60 0.00	16.51 -0.46 0.00	15.87 -0.24 0.00
HUNTLEY___66 23560	18.17 -0.21 -0.11	16.09 -0.18 -0.06	12.46 -0.16 -0.67	10.97 -0.17 -1.24	14.42 -0.24 -0.66	20.47 -0.02 0.00	20.57 -0.39 0.00	23.15 -0.61 0.00	23.03 -0.67 0.00	21.18 -0.75 0.00	20.03 -0.74 0.00	17.26 -0.75 0.47	15.35 -0.66 0.18	15.28 -0.60 1.56	14.58 -0.84 0.99	12.99 -0.85 2.85	15.87 -1.07 5.94	8.95 -1.02 9.63	11.06 -1.19 8.77	22.22 -1.60 0.83	19.85 -1.14 0.00	17.93 -0.60 0.00	16.51 -0.46 0.00	15.87 -0.24 0.00
HUNTLEY___67 23561	18.12 -0.26 -0.11	16.04 -0.23 -0.06	12.44 -0.20 -0.68	10.97 -0.19 -1.26	14.40 -0.28 -0.67	20.38 -0.10 0.00	20.53 -0.42 0.00	23.17 -0.59 0.00	23.06 -0.65 0.00	21.21 -0.72 0.00	20.05 -0.72 0.00	17.20 -0.75 0.53	15.32 -0.67 0.20	15.00 -0.68 1.77	14.39 -0.89 1.12	12.53 -0.95 3.22	14.91 -1.20 6.77	7.68 -1.16 10.77	9.74 -1.33 9.96	22.04 -1.67 0.94	19.77 -1.22 0.00	17.84 -0.69 0.00	16.44 -0.53 0.00	15.79 -0.32 0.00
HUNTLEY___68 23562	18.12 -0.26 -0.11	16.04 -0.23 -0.06	12.44 -0.20 -0.68	10.97 -0.19 -1.26	14.40 -0.28 -0.67	20.38 -0.10 0.00	20.53 -0.42 0.00	23.17 -0.59 0.00	23.06 -0.65 0.00	21.21 -0.72 0.00	20.05 -0.72 0.00	17.20 -0.75 0.53	15.32 -0.67 0.20	15.00 -0.68 1.77	14.39 -0.89 1.12	12.53 -0.95 3.22	14.91 -1.20 6.77	7.68 -1.16 10.77	9.74 -1.33 9.96	22.04 -1.67 0.94	19.77 -1.22 0.00	17.84 -0.69 0.00	16.44 -0.53 0.00	15.79 -0.32 0.00
HYLAND___LFGE 323620	19.07 0.67 -0.13	16.80 0.53 -0.07	13.08 0.35 -0.78	11.55 0.21 -1.43	15.11 0.34 -0.76	21.25 0.76 0.00	21.74 0.78 0.00	24.51 0.75 0.00	24.03 0.32 0.00	22.01 0.08 0.00	20.79 0.02 0.00	20.18 -0.13 -1.83	16.78 -0.09 -0.69	23.72 0.13 -6.15	20.24 -0.07 -3.90	27.99 0.01 -11.28	47.50 0.12 -24.50	58.67 -0.11 -39.19	55.72 -0.30 -35.00	27.76 -0.20 -3.31	21.36 0.36 0.00	19.23 0.70 0.00	17.60 0.63 0.00	16.73 0.63 0.00
INDECK___CORINTH 23802	20.15 0.98 -0.90	17.54 0.83 -0.51	18.12 0.63 -5.54	20.59 0.49 -10.20	20.19 0.73 -5.45	21.53 1.05 0.00	22.03 1.07 0.00	24.84 1.08 0.00	24.63 0.92 0.00	22.80 0.87 0.00	21.68 0.91 0.00	19.36 0.89 0.00	16.93 0.75 0.00	18.43 0.98 0.00	17.45 1.05 0.00	17.74 1.05 0.00	24.17 1.29 0.00	20.61 1.01 0.00	22.24 1.22 0.00	26.01 1.36 0.00	22.12 1.13 0.00	19.46 0.93 0.00	17.78 0.81 0.00	16.89 0.78 0.00
INDECK___ILION 23567	18.42 0.15 0.00	16.32 0.11 0.00	12.04 0.09 0.00	10.00 0.09 0.00	14.13 0.13 0.00	20.64 0.15 0.00	21.11 0.15 0.00	23.88 0.12 0.00	23.69 -0.02 0.00	21.91 -0.02 0.00	20.84 0.07 0.00	18.55 0.07 0.00	16.25 0.07 0.00	17.51 0.06 0.00	16.51 0.10 0.00	16.86 0.16 0.00	23.01 0.13 0.00	19.64 0.05 0.00	21.09 0.07 0.00	24.87 0.22 0.00	21.21 0.22 0.00	18.65 0.12 0.00	17.07 0.10 0.00	16.22 0.12 0.00
INDECK___OLEAN 23982	19.01 0.61 -0.13	16.80 0.52 -0.07	13.08 0.33 -0.81	11.66 0.27 -1.48	15.20 0.40 -0.79	21.37 0.88 0.00	21.70 0.75 0.00	24.66 0.90 0.00	24.64 0.92 0.00	22.75 0.82 0.00	21.50 0.72 0.00	18.90 0.53 0.11	16.49 0.36 0.04	17.49 0.41 0.37	16.35 0.20 0.25	16.16 0.16 0.70	21.93 0.35 1.29	17.29 0.12 2.43	18.76 0.01 2.27	24.34 -0.09 0.22	21.02 0.03 0.00	18.85 0.32 0.00	17.36 0.40 0.00	16.70 0.59 0.00
INDECK___OSWEGO 23783	18.10 -0.23 -0.05	15.98 -0.26 -0.03	12.09 -0.20 -0.34	10.36 -0.16 -0.62	14.10 -0.24 -0.33	20.19 -0.29 0.00	20.68 -0.28 0.00	23.47 -0.29 0.00	23.39 -0.31 0.00	21.63 -0.31 0.00	20.44 -0.33 0.00	18.19 -0.29 0.00	15.96 -0.22 0.00	17.21 -0.24 0.00	16.13 -0.28 0.00	16.39 -0.30 0.00	22.48 -0.40 0.00	19.23 -0.36 0.00	20.63 -0.39 0.00	24.20 -0.45 0.00	20.61 -0.38 0.00	18.23 -0.30 0.00	16.69 -0.28 0.00	15.86 -0.25 0.00



INDECK___YERKES 23781	18.21 -0.18 -0.11	16.11 -0.16 -0.06	12.47 -0.15 -0.67	10.99 -0.15 -1.24	14.44 -0.22 -0.66	20.50 0.01 0.00	20.58 -0.38 0.00	23.12 -0.64 0.00	23.02 -0.69 0.00	21.18 -0.75 0.00	20.03 -0.74 0.00	17.26 -0.75 0.47	15.34 -0.66 0.18	15.30 -0.58 1.56	14.60 -0.81 0.99	13.04 -0.80 2.85	15.93 -1.01 5.94	9.00 -0.97 9.63	11.10 -1.14 8.77	22.26 -1.57 0.82	19.88 -1.11 0.00	17.95 -0.58 0.00	16.53 -0.43 0.00	15.89 -0.22 0.00
INDIAN POINT_GT_1 24139	20.10 1.13 -0.69	17.62 1.02 -0.39	16.98 0.74 -4.29	18.39 0.59 -7.90	19.05 0.82 -4.22	21.60 1.11 0.00	22.13 1.17 0.00	25.07 1.31 0.00	24.94 1.23 0.00	23.10 1.17 0.00	22.02 1.24 0.00	19.63 1.15 0.00	17.09 0.91 0.00	18.43 0.98 0.00	17.40 1.00 0.00	17.80 1.10 0.00	24.39 1.51 0.00	20.90 1.31 0.00	22.46 1.44 0.00	26.22 1.57 0.00	22.31 1.31 0.00	19.60 1.07 0.00	17.99 1.03 0.00	17.13 1.02 0.00
INDIAN POINT_GT_2 23659	20.10 1.13 -0.69	17.62 1.02 -0.39	16.98 0.74 -4.29	18.39 0.59 -7.90	19.05 0.82 -4.22	21.60 1.11 0.00	22.13 1.17 0.00	25.07 1.31 0.00	24.94 1.23 0.00	23.10 1.17 0.00	22.02 1.24 0.00	19.63 1.15 0.00	17.09 0.91 0.00	18.43 0.98 0.00	17.40 1.00 0.00	17.80 1.10 0.00	24.39 1.51 0.00	20.90 1.31 0.00	22.46 1.44 0.00	26.22 1.57 0.00	22.31 1.31 0.00	19.60 1.07 0.00	17.99 1.03 0.00	17.13 1.02 0.00
INDIAN POINT_GT_3 24019	20.10 1.13 -0.69	17.62 1.02 -0.39	16.98 0.74 -4.29	18.39 0.59 -7.90	19.05 0.82 -4.22	21.60 1.11 0.00	22.13 1.17 0.00	25.07 1.31 0.00	24.94 1.23 0.00	23.10 1.17 0.00	22.02 1.24 0.00	19.63 1.15 0.00	17.09 0.91 0.00	18.43 0.98 0.00	17.40 1.00 0.00	17.80 1.10 0.00	24.39 1.51 0.00	20.90 1.31 0.00	22.46 1.44 0.00	26.22 1.57 0.00	22.31 1.31 0.00	19.60 1.07 0.00	17.99 1.03 0.00	17.13 1.02 0.00
INDIAN POINT___2 23530	20.03 1.09 -0.67	17.57 0.98 -0.38	16.84 0.71 -4.17	18.16 0.57 -7.68	18.91 0.80 -4.11	21.56 1.07 0.00	22.09 1.13 0.00	25.04 1.28 0.00	24.90 1.19 0.00	23.06 1.13 0.00	21.98 1.21 0.00	19.59 1.12 0.00	17.06 0.88 0.00	18.39 0.94 0.00	17.36 0.96 0.00	17.75 1.05 0.00	24.33 1.45 0.00	20.89 1.29 0.00	22.50 1.49 0.00	26.21 1.56 0.00	22.28 1.29 0.00	19.58 1.04 0.00	17.98 1.01 0.00	17.12 1.01 0.00
INDIAN POINT___3 23531	20.06 1.10 -0.69	17.58 0.99 -0.39	16.92 0.72 -4.24	18.29 0.58 -7.81	18.99 0.81 -4.18	21.56 1.08 0.00	22.10 1.14 0.00	25.03 1.27 0.00	24.90 1.18 0.00	23.06 1.13 0.00	21.98 1.21 0.00	19.59 1.12 0.00	17.06 0.88 0.00	18.39 0.94 0.00	17.36 0.96 0.00	17.75 1.06 0.00	24.33 1.45 0.00	20.84 1.24 0.00	22.37 1.35 0.00	26.17 1.52 0.00	22.28 1.28 0.00	19.57 1.04 0.00	17.98 1.01 0.00	17.12 1.01 0.00
INGHAM_C_115KV_TB7 356103	18.44 0.16 0.00	16.33 0.12 0.00	12.07 0.12 0.00	10.03 0.13 0.00	14.18 0.17 0.00	20.68 0.19 0.00	21.11 0.15 0.00	23.81 0.05 0.00	23.41 -0.30 0.00	21.67 -0.27 0.00	20.73 -0.04 0.00	18.48 0.00 0.00	16.19 0.01 0.00	17.43 -0.02 0.00	16.51 0.11 0.00	16.95 0.25 0.00	23.02 0.14 0.00	19.55 -0.05 0.00	21.02 0.01 0.00	24.99 0.34 0.00	21.38 0.38 0.00	18.70 0.17 0.00	17.10 0.13 0.00	16.28 0.17 0.00
IP CORINTH___1 23988	20.26 1.09 -0.90	17.63 0.92 -0.51	18.18 0.69 -5.54	20.64 0.53 -10.20	20.26 0.80 -5.45	21.65 1.17 0.00	22.15 1.20 0.00	24.98 1.22 0.00	24.77 1.06 0.00	22.92 0.99 0.00	21.80 1.03 0.00	19.47 0.99 0.00	17.02 0.84 0.00	18.53 1.08 0.00	17.54 1.14 0.00	17.84 1.14 0.00	24.29 1.42 0.00	20.72 1.12 0.00	22.36 1.34 0.00	26.15 1.50 0.00	22.23 1.24 0.00	19.56 1.03 0.00	17.87 0.90 0.00	16.97 0.86 0.00
IP___TICONDEROGA 23804	21.26 2.09 -0.89	18.48 1.77 -0.50	18.83 1.35 -5.53	21.19 1.09 -10.19	21.02 1.57 -5.44	22.80 2.31 0.00	23.29 2.34 0.00	26.13 2.36 0.00	25.78 2.07 0.00	23.90 1.97 0.00	22.93 2.16 0.00	20.51 2.04 0.00	17.98 1.80 0.00	19.66 2.21 0.00	18.66 2.26 0.00	18.97 2.27 0.00	25.72 2.85 0.00	21.82 2.22 0.00	23.73 2.71 0.00	27.38 2.73 0.00	23.17 2.18 0.00	20.42 1.88 0.00	18.63 1.66 0.00	17.73 1.62 0.00
ISLIP_RES_REC 323679	44.77 1.84 -24.65	46.09 1.71 -28.18	19.63 1.26 -6.43	19.43 0.98 -8.55	33.03 1.38 -17.64	39.33 1.94 -16.90	29.90 2.04 -6.91	26.03 2.27 0.00	28.04 2.02 -2.31	23.65 1.72 0.00	22.53 1.71 -0.05	20.34 1.51 -0.35	17.31 1.13 0.00	18.63 1.19 0.00	17.52 1.13 0.01	15.17 1.14 2.67	24.50 1.62 0.00	21.04 1.44 0.00	22.66 1.65 0.00	26.71 2.06 0.00	22.76 1.77 0.00	20.83 1.60 -0.70	19.43 1.54 -0.93	52.14 1.63 -34.41
JAMAICA__27_KV_LOAD 355505	20.30 1.33 -0.69	17.83 1.23 -0.39	17.10 0.87 -4.28	18.48 0.69 -7.89	19.18 0.96 -4.21	21.74 1.25 0.00	22.31 1.36 0.00	25.29 1.53 0.00	25.17 1.46 0.00	23.35 1.42 0.00	22.23 1.46 0.00	19.82 1.35 0.00	17.25 1.07 0.00	18.61 1.16 0.00	17.58 1.17 0.00	17.96 1.27 0.00	24.60 1.72 0.00	21.06 1.46 0.00	22.61 1.59 0.00	26.42 1.77 0.00	22.48 1.49 0.00	19.79 1.26 0.00	18.27 1.30 0.00	17.37 1.27 0.00
JANIS___SOLAR 323808	19.24 0.78 -0.19	16.94 0.63 -0.11	13.57 0.44 -1.18	12.44 0.36 -2.17	15.71 0.55 -1.16	21.45 0.96 0.00	21.99 1.03 0.00	24.94 1.17 0.00	24.75 1.04 0.00	22.66 0.72 0.00	21.51 0.74 0.00	19.24 0.59 -0.17	16.76 0.52 -0.06	18.39 0.37 -0.57	17.33 0.56 -0.36	18.58 0.84 -1.05	26.17 1.08 -2.22	24.03 0.80 -3.63	25.18 0.92 -3.24	26.11 1.15 -0.31	22.01 1.02 0.00	19.45 0.92 0.00	17.76 0.79 0.00	16.84 0.73 0.00
JARVIS____ 23743	18.37 0.09 0.00	16.27 0.06 0.00	12.00 0.05 0.00	9.95 0.04 0.00	14.06 0.06 0.00	20.57 0.08 0.00	21.04 0.09 0.00	23.86 0.09 0.00	23.78 0.07 0.00	22.00 0.07 0.00	20.83 0.06 0.00	18.53 0.06 0.00	16.23 0.05 0.00	17.50 0.05 0.00	16.45 0.05 0.00	16.76 0.06 0.00	22.95 0.07 0.00	19.65 0.05 0.00	21.08 0.06 0.00	24.72 0.07 0.00	21.05 0.06 0.00	18.57 0.04 0.00	17.00 0.03 0.00	16.15 0.05 0.00
JENNISON___1 23625	19.42 0.91 -0.24	17.10 0.76 -0.13	13.98 0.55 -1.48	13.09 0.46 -2.73	16.13 0.67 -1.46	21.59 1.11 0.00	22.15 1.20 0.00	25.17 1.40 0.00	25.02 1.32 0.00	23.01 1.08 0.00	21.86 1.09 0.00	19.50 0.93 -0.10	16.98 0.76 -0.04	18.53 0.74 -0.34	17.41 0.79 -0.22	18.31 0.99 -0.63	25.48 1.31 -1.30	22.83 1.04 -2.18	24.10 1.14 -1.95	26.20 1.37 -0.18	22.15 1.16 0.00	19.56 1.03 0.00	17.88 0.91 0.00	16.98 0.87 0.00
JENNISON___2 23626	19.42 0.91 -0.24	17.10 0.76 -0.13	13.98 0.55 -1.48	13.09 0.46 -2.73	16.13 0.67 -1.46	21.59 1.11 0.00	22.15 1.20 0.00	25.17 1.40 0.00	25.02 1.32 0.00	23.01 1.08 0.00	21.86 1.09 0.00	19.50 0.93 -0.10	16.98 0.76 -0.04	18.53 0.74 -0.34	17.41 0.79 -0.22	18.31 0.99 -0.63	25.48 1.31 -1.30	22.83 1.04 -2.18	24.10 1.14 -1.95	26.20 1.37 -0.18	22.15 1.16 0.00	19.56 1.03 0.00	17.88 0.91 0.00	16.98 0.87 0.00

JERICO_RISE_WT_PWR 323719	17.38 -0.90 0.00	15.42 -0.78 0.00	11.48 -0.47 0.00	9.56 -0.35 0.00	13.55 -0.45 0.00	19.98 -0.51 0.00	20.75 -0.20 0.00	23.87 0.11 0.00	24.01 0.30 0.00	22.00 0.07 0.00	20.94 0.17 0.00	18.57 0.09 0.00	16.28 0.09 0.00	17.37 -0.07 0.00	16.28 -0.12 0.00	16.53 -0.17 0.00	22.75 -0.12 0.00	19.95 0.35 0.00	21.46 0.44 0.00	25.13 0.48 0.00	21.30 0.31 0.00	18.78 0.25 0.00	17.14 0.17 0.00	16.23 0.12 0.00
KATONAH__115KV_46KV_TB4 355592	20.19 1.21 -0.70	17.69 1.09 -0.40	17.09 0.80 -4.34	18.53 0.63 -7.99	19.17 0.89 -4.27	21.70 1.22 0.00	22.24 1.29 0.00	25.21 1.44 0.00	25.07 1.36 0.00	23.22 1.29 0.00	22.12 1.35 0.00	19.71 1.24 0.00	17.17 0.99 0.00	18.52 1.07 0.00	17.49 1.09 0.00	17.90 1.20 0.00	24.52 1.65 0.00	21.02 1.42 0.00	22.58 1.56 0.00	26.40 1.75 0.00	22.46 1.47 0.00	19.73 1.20 0.00	18.11 1.14 0.00	17.23 1.12 0.00
KCE_NY_1 323755	20.33 1.16 -0.89	17.70 0.99 -0.50	18.22 0.75 -5.52	20.68 0.61 -10.17	20.32 0.88 -5.43	21.74 1.25 0.00	22.22 1.27 0.00	25.08 1.32 0.00	24.92 1.20 0.00	23.03 1.10 0.00	21.87 1.10 0.00	19.51 1.03 0.00	17.06 0.88 0.00	18.52 1.07 0.00	17.51 1.11 0.00	17.76 1.07 0.00	24.28 1.40 0.00	20.72 1.12 0.00	22.35 1.33 0.00	26.22 1.56 0.00	22.29 1.30 0.00	19.61 1.08 0.00	17.94 0.97 0.00	17.07 0.96 0.00
KCE_NY_6_ESR 323823	18.37 -0.03 -0.12	16.23 -0.05 -0.06	12.60 -0.07 -0.72	11.14 -0.09 -1.32	14.59 -0.12 -0.70	20.62 0.13 0.00	20.82 -0.14 0.00	23.51 -0.25 0.00	23.44 -0.27 0.00	21.56 -0.37 0.00	20.40 -0.37 0.00	17.47 -0.45 0.56	15.55 -0.42 0.21	15.16 -0.40 1.88	14.60 -0.61 1.19	12.64 -0.63 3.43	15.02 -0.75 7.11	7.39 -0.77 11.44	9.57 -0.94 10.51	22.45 -1.22 0.98	20.15 -0.84 0.00	18.16 -0.38 0.00	16.72 -0.25 0.00	16.03 -0.07 0.00
KEDC_PORT_JEFF_GT2 24210	44.67 1.74 -24.65	46.02 1.61 -28.21	19.57 1.19 -6.43	19.38 0.93 -8.55	32.97 1.31 -17.66	39.23 1.82 -16.92	29.76 1.90 -6.91	25.86 2.09 0.00	27.87 1.85 -2.31	23.47 1.53 0.00	22.34 1.52 -0.05	20.17 1.34 -0.35	17.17 0.99 0.00	18.47 1.03 0.00	17.38 0.99 0.01	14.40 0.99 3.28	24.30 1.42 0.00	20.84 1.25 0.00	22.40 1.38 0.00	26.39 1.74 0.00	22.48 1.49 0.00	20.64 1.41 -0.70	19.29 1.39 -0.93	52.03 1.52 -34.41
KEDC_PORT_JEFF_GT3 24211	44.67 1.74 -24.65	46.02 1.61 -28.21	19.57 1.19 -6.43	19.38 0.93 -8.55	32.97 1.31 -17.66	39.23 1.82 -16.92	29.76 1.90 -6.91	25.86 2.09 0.00	27.87 1.85 -2.31	23.47 1.53 0.00	22.34 1.52 -0.05	20.17 1.34 -0.35	17.17 0.99 0.00	18.47 1.03 0.00	17.38 0.99 0.01	14.40 0.99 3.28	24.30 1.42 0.00	20.84 1.25 0.00	22.40 1.38 0.00	26.39 1.74 0.00	22.48 1.49 0.00	20.64 1.41 -0.70	19.29 1.39 -0.93	52.03 1.52 -34.41
KEDC_GLWD_GT4 24219	44.35 1.42 -24.65	43.18 1.29 -25.69	19.02 0.94 -6.14	19.10 0.74 -8.46	30.86 1.05 -15.81	36.69 1.43 -14.77	29.35 1.50 -6.89	25.47 1.70 0.00	27.61 1.60 -2.31	23.41 1.48 0.00	22.42 1.60 -0.05	20.29 1.46 -0.35	17.34 1.16 0.00	18.70 1.25 0.00	17.65 1.25 0.00	18.00 1.31 0.00	24.53 1.65 0.00	21.01 1.41 0.00	22.56 1.54 0.00	26.41 1.76 0.00	22.48 1.48 0.00	20.50 1.27 -0.70	19.22 1.33 -0.93	51.84 1.33 -34.41
KEDC_GLWD_GT5 24220	44.35 1.42 -24.65	43.18 1.29 -25.69	19.02 0.94 -6.14	19.10 0.74 -8.46	30.86 1.05 -15.81	36.69 1.43 -14.77	29.35 1.50 -6.89	25.47 1.70 0.00	27.61 1.60 -2.31	23.41 1.48 0.00	22.42 1.60 -0.05	20.29 1.46 -0.35	17.34 1.16 0.00	18.70 1.25 0.00	17.65 1.25 0.00	18.00 1.31 0.00	24.53 1.65 0.00	21.01 1.41 0.00	22.56 1.54 0.00	26.41 1.76 0.00	22.48 1.48 0.00	20.50 1.27 -0.70	19.22 1.33 -0.93	51.84 1.33 -34.41
KENSICO____ 23655	20.12 1.15 -0.69	17.64 1.05 -0.39	16.99 0.76 -4.27	18.39 0.60 -7.87	19.06 0.85 -4.21	21.63 1.14 0.00	22.15 1.20 0.00	25.11 1.35 0.00	24.97 1.26 0.00	23.14 1.21 0.00	22.06 1.29 0.00	19.66 1.19 0.00	17.12 0.94 0.00	18.46 1.02 0.00	17.44 1.03 0.00	17.83 1.13 0.00	24.43 1.55 0.00	20.94 1.34 0.00	22.50 1.48 0.00	26.28 1.64 0.00	22.36 1.37 0.00	19.65 1.12 0.00	18.05 1.08 0.00	17.18 1.08 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.06 1.14 -0.64	17.63 1.07 -0.36	16.71 0.77 -3.99	17.87 0.62 -7.34	18.79 0.86 -3.93	21.70 1.21 0.00	22.27 1.31 0.00	25.22 1.46 0.00	25.08 1.37 0.00	23.16 1.23 0.00	22.04 1.26 0.00	19.62 1.14 0.00	17.10 0.91 0.00	18.45 1.01 0.00	17.24 0.84 0.00	17.72 1.02 0.00	24.37 1.50 0.00	20.87 1.27 0.00	22.42 1.40 0.00	26.25 1.60 0.00	22.51 1.52 0.00	19.78 1.25 0.00	18.13 1.16 0.00	17.24 1.13 0.00
KIAC_JFK_GT1 23816	20.19 1.23 -0.69	17.74 1.14 -0.39	17.04 0.81 -4.28	18.42 0.63 -7.89	19.11 0.88 -4.21	21.63 1.14 0.00	22.20 1.24 0.00	25.16 1.40 0.00	25.03 1.33 0.00	23.23 1.30 0.00	22.12 1.35 0.00	19.72 1.25 0.00	17.16 0.98 0.00	18.52 1.07 0.00	17.49 1.09 0.00	17.88 1.18 0.00	24.46 1.58 0.00	20.89 1.30 0.00	22.43 1.41 0.00	26.21 1.56 0.00	22.30 1.31 0.00	19.68 1.14 0.00	18.17 1.21 0.00	17.28 1.18 0.00
KIAC_JFK_GT2 23817	20.19 1.23 -0.69	17.74 1.14 -0.39	17.04 0.81 -4.28	18.42 0.63 -7.89	19.11 0.88 -4.21	21.63 1.14 0.00	22.20 1.24 0.00	25.16 1.40 0.00	25.03 1.33 0.00	23.23 1.30 0.00	22.12 1.35 0.00	19.72 1.25 0.00	17.16 0.98 0.00	18.52 1.07 0.00	17.49 1.09 0.00	17.88 1.18 0.00	24.46 1.58 0.00	20.89 1.30 0.00	22.43 1.41 0.00	26.21 1.56 0.00	22.30 1.31 0.00	19.68 1.14 0.00	18.17 1.21 0.00	17.28 1.18 0.00
KIAC_JFK____ 323774	20.19 1.22 -0.69	17.74 1.14 -0.39	17.04 0.81 -4.28	18.43 0.63 -7.89	19.11 0.89 -4.21	21.62 1.14 0.00	22.20 1.24 0.00	25.17 1.41 0.00	25.03 1.32 0.00	23.23 1.30 0.00	22.12 1.35 0.00	19.72 1.25 0.00	17.17 0.98 0.00	18.52 1.07 0.00	17.49 1.08 0.00	17.87 1.17 0.00	24.46 1.58 0.00	20.89 1.29 0.00	22.43 1.41 0.00	26.21 1.56 0.00	22.30 1.31 0.00	19.67 1.14 0.00	18.17 1.20 0.00	17.29 1.18 0.00
KINTIGH____ 23543	18.11 -0.26 -0.09	16.03 -0.23 -0.05	12.35 -0.18 -0.58	10.80 -0.17 -1.07	14.33 -0.24 -0.57	20.36 -0.12 0.00	20.57 -0.39 0.00	23.21 -0.55 0.00	23.09 -0.62 0.00	21.26 -0.67 0.00	20.08 -0.70 0.00	17.50 -0.69 0.28	15.45 -0.62 0.11	15.86 -0.64 0.95	14.96 -0.84 0.60	14.05 -0.89 1.75	18.10 -1.15 3.62	12.36 -1.14 6.10	14.33 -1.27 5.41	22.57 -1.57 0.51	19.83 -1.16 0.00	17.84 -0.69 0.00	16.42 -0.55 0.00	15.77 -0.34 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	17.62 -0.65 0.00	15.61 -0.59 0.00	11.62 -0.33 0.00	9.66 -0.24 0.00	13.71 -0.30 0.00	20.21 -0.27 0.00	21.03 0.07 0.00	24.20 0.44 0.00	24.35 0.63 0.00	22.30 0.36 0.00	21.26 0.49 0.00	18.86 0.38 0.00	16.51 0.33 0.00	17.66 0.22 0.00	16.53 0.13 0.00	16.78 0.08 0.00	23.08 0.20 0.00	20.27 0.67 0.00	21.84 0.82 0.00	25.57 0.92 0.00	21.68 0.69 0.00	19.09 0.56 0.00	17.42 0.45 0.00	16.50 0.40 0.00

LACHUTE____HYDRO 323717	21.26 2.09 -0.89	18.48 1.77 -0.50	18.83 1.35 -5.53	21.19 1.09 -10.19	21.01 1.56 -5.44	22.80 2.31 0.00	23.29 2.34 0.00	26.13 2.36 0.00	25.79 2.08 0.00	23.90 1.97 0.00	22.93 2.16 0.00	20.51 2.04 0.00	17.98 1.80 0.00	19.66 2.21 0.00	18.66 2.26 0.00	18.97 2.27 0.00	25.72 2.85 0.00	21.82 2.22 0.00	23.73 2.71 0.00	27.38 2.73 0.00	23.17 2.18 0.00	20.42 1.88 0.00	18.63 1.66 0.00	17.73 1.62 0.00
LAWRNCAV_115KV_TB1 80681	17.74 -0.54 0.00	15.68 -0.53 0.00	11.56 -0.39 0.00	9.61 -0.30 0.00	13.59 -0.41 0.00	19.91 -0.57 0.00	20.49 -0.46 0.00	23.41 -0.35 0.00	23.47 -0.24 0.00	21.71 -0.22 0.00	20.40 -0.37 0.00	18.17 -0.31 0.00	16.03 -0.15 0.00	17.18 -0.27 0.00	15.95 -0.45 0.00	16.15 -0.55 0.00	22.28 -0.60 0.00	19.17 -0.43 0.00	20.55 -0.47 0.00	24.15 -0.50 0.00	20.58 -0.41 0.00	18.33 -0.20 0.00	16.75 -0.21 0.00	15.86 -0.25 0.00
LEDERLE____ 23769	20.09 1.15 -0.66	17.61 1.03 -0.37	16.81 0.75 -4.11	18.08 0.60 -7.57	18.90 0.85 -4.05	21.63 1.14 0.00	22.17 1.21 0.00	25.13 1.37 0.00	25.03 1.32 0.00	23.19 1.26 0.00	22.11 1.34 0.00	19.71 1.23 0.00	17.17 0.98 0.00	18.50 1.05 0.00	17.47 1.07 0.00	17.86 1.17 0.00	24.43 1.55 0.00	20.91 1.31 0.00	22.41 1.40 0.00	26.26 1.61 0.00	22.36 1.37 0.00	19.63 1.10 0.00	18.03 1.06 0.00	17.16 1.05 0.00
LIGHTHSE_115KV_TB6 355974	18.26 -0.07 -0.05	16.00 -0.23 -0.03	12.06 -0.20 -0.31	10.31 -0.17 -0.58	14.10 -0.22 -0.31	20.22 -0.26 0.00	20.88 -0.08 0.00	23.83 0.07 0.00	23.73 0.02 0.00	21.91 -0.03 0.00	20.53 -0.25 0.00	18.38 -0.09 0.00	16.21 0.03 0.00	17.48 0.03 0.00	16.23 -0.17 0.00	16.40 -0.30 0.00	22.59 -0.29 0.00	19.37 -0.23 0.00	20.81 -0.21 0.00	24.46 -0.19 0.00	20.76 -0.24 0.00	18.37 -0.16 0.00	16.76 -0.20 0.00	15.92 -0.18 0.00
LINDEN COGEN____ 23786	20.12 1.15 -0.69	17.65 1.05 -0.39	16.98 0.75 -4.28	18.38 0.58 -7.89	19.03 0.81 -4.21	21.56 1.07 0.00	22.13 1.18 0.00	25.08 1.32 0.00	24.92 1.21 0.00	23.09 1.16 0.00	22.07 1.30 0.00	19.70 1.22 0.00	17.12 0.94 0.00	18.47 1.03 0.00	17.42 1.02 0.00	17.82 1.13 0.00	24.46 1.58 0.00	20.98 1.38 0.00	22.52 1.50 0.00	26.26 1.61 0.00	22.36 1.37 0.00	19.65 1.11 0.00	18.10 1.13 0.00	17.21 1.10 0.00
LINDHRST_69_KV_BK1 356055	44.67 1.74 -24.65	45.59 1.58 -27.81	19.48 1.14 -6.39	19.33 0.89 -8.53	32.64 1.27 -17.37	38.85 1.78 -16.58	29.73 1.87 -6.90	25.86 2.10 0.00	27.97 1.96 -2.31	23.65 1.72 0.00	22.59 1.77 -0.05	20.42 1.59 -0.35	17.41 1.22 0.00	18.74 1.29 0.00	17.68 1.28 0.00	17.75 1.30 0.24	24.69 1.81 0.00	21.16 1.56 0.00	22.75 1.73 0.00	26.73 2.08 0.00	22.76 1.77 0.00	20.84 1.61 -0.70	19.46 1.56 -0.93	52.10 1.58 -34.41
LIPA_MISC_IPP 23656	44.57 1.64 -24.65	45.97 1.55 -28.22	19.52 1.14 -6.43	19.35 0.90 -8.55	32.93 1.25 -17.67	39.19 1.77 -16.93	29.68 1.82 -6.91	25.76 2.00 0.00	27.76 1.74 -2.31	23.36 1.43 0.00	22.26 1.44 -0.05	20.10 1.27 -0.35	17.10 0.92 0.00	18.41 0.96 0.00	17.29 0.89 0.01	14.78 0.87 2.79	24.13 1.25 0.00	20.72 1.12 0.00	22.39 1.37 0.00	26.41 1.76 0.00	22.49 1.50 0.00	20.60 1.37 -0.70	19.22 1.32 -0.93	51.92 1.41 -34.41
LISF____SOLAR 323691	44.57 1.65 -24.65	45.98 1.56 -28.22	19.54 1.15 -6.43	19.37 0.92 -8.55	32.94 1.27 -17.66	39.21 1.79 -16.93	29.70 1.84 -6.91	25.78 2.02 0.00	27.76 1.74 -2.31	23.36 1.43 0.00	22.24 1.42 -0.05	20.08 1.25 -0.35	17.08 0.90 0.00	18.39 0.94 0.00	17.26 0.87 0.01	14.72 0.84 2.82	24.10 1.22 0.00	20.71 1.11 0.00	22.39 1.37 0.00	26.42 1.77 0.00	22.51 1.52 0.00	20.61 1.38 -0.70	19.22 1.33 -0.93	51.94 1.43 -34.41
LITTLE FALLS____HYD 24013	18.44 0.16 0.00	16.33 0.12 0.00	12.07 0.12 0.00	10.03 0.13 0.00	14.18 0.17 0.00	20.68 0.19 0.00	21.11 0.15 0.00	23.81 0.05 0.00	23.41 -0.30 0.00	21.67 -0.27 0.00	20.73 -0.04 0.00	18.48 0.00 0.00	16.19 0.01 0.00	17.43 -0.02 0.00	16.51 0.11 0.00	16.95 0.25 0.00	23.02 0.14 0.00	19.55 -0.05 0.00	21.02 0.01 0.00	24.99 0.34 0.00	21.38 0.38 0.00	18.70 0.17 0.00	17.10 0.13 0.00	16.28 0.17 0.00
LITTLRIV_115KV_TB1 356100	17.86 -0.42 0.00	15.77 -0.43 0.00	11.62 -0.33 0.00	9.68 -0.23 0.00	13.68 -0.32 0.00	20.06 -0.43 0.00	20.64 -0.32 0.00	23.59 -0.17 0.00	23.66 -0.05 0.00	21.94 0.01 0.00	20.59 -0.18 0.00	18.35 -0.13 0.00	16.18 0.00 0.00	17.35 -0.10 0.00	16.09 -0.32 0.00	16.28 -0.42 0.00	22.45 -0.42 0.00	19.31 -0.28 0.00	20.71 -0.31 0.00	24.35 -0.30 0.00	20.78 -0.21 0.00	18.51 -0.02 0.00	16.89 -0.08 0.00	15.99 -0.12 0.00
LI_NEWBRDGE____DRP 323616	44.37 1.44 -24.65	45.97 1.31 -28.45	19.36 0.95 -6.46	19.21 0.75 -8.56	32.90 1.05 -17.84	39.07 1.44 -17.13	29.36 1.50 -6.91	25.45 1.69 0.00	27.59 1.57 -2.31	23.34 1.41 0.00	22.33 1.51 -0.05	20.20 1.38 -0.35	17.23 1.05 0.00	18.57 1.13 0.00	17.53 1.12 0.00	17.85 1.16 0.00	24.48 1.60 0.00	20.95 1.35 0.00	22.49 1.48 0.00	26.39 1.74 0.00	22.47 1.48 0.00	20.54 1.31 -0.70	19.19 1.29 -0.93	51.84 1.32 -34.41
LOCKPORT_115KV_TB60_63_64 80432	17.92 -0.46 -0.10	15.88 -0.39 -0.06	12.26 -0.33 -0.64	10.78 -0.31 -1.19	14.19 -0.45 -0.63	20.21 -0.27 0.00	20.31 -0.65 0.00	22.89 -0.87 0.00	22.78 -0.93 0.00	20.94 -0.99 0.00	19.79 -0.98 0.00	17.13 -0.93 0.41	15.22 -0.80 0.15	15.33 -0.73 1.39	14.55 -0.97 0.88	13.16 -1.02 2.52	16.21 -1.39 5.28	9.71 -1.25 8.64	11.81 -1.44 7.77	22.02 -1.89 0.74	19.62 -1.38 0.00	17.73 -0.80 0.00	16.33 -0.64 0.00	15.70 -0.40 0.00
LOCKPORT____CC1 323769	17.96 -0.42 -0.10	15.90 -0.36 -0.06	12.30 -0.30 -0.65	10.81 -0.28 -1.19	14.23 -0.41 -0.64	20.25 -0.24 0.00	20.35 -0.61 0.00	22.90 -0.86 0.00	22.81 -0.90 0.00	20.97 -0.96 0.00	19.82 -0.95 0.00	17.12 -0.91 0.44	15.22 -0.80 0.17	15.24 -0.73 1.48	14.49 -0.98 0.93	13.02 -1.00 2.68	15.90 -1.35 5.63	9.16 -1.22 9.21	11.32 -1.40 8.29	22.00 -1.86 0.78	19.62 -1.37 0.00	17.74 -0.80 0.00	16.33 -0.63 0.00	15.71 -0.40 0.00
LOCKPORT____CC2 323770	17.96 -0.42 -0.10	15.90 -0.36 -0.06	12.30 -0.30 -0.65	10.81 -0.28 -1.19	14.23 -0.41 -0.64	20.25 -0.24 0.00	20.35 -0.61 0.00	22.90 -0.86 0.00	22.81 -0.90 0.00	20.97 -0.96 0.00	19.82 -0.95 0.00	17.12 -0.91 0.44	15.22 -0.80 0.17	15.24 -0.73 1.48	14.49 -0.98 0.93	13.02 -1.00 2.68	15.90 -1.35 5.63	9.16 -1.22 9.21	11.32 -1.40 8.29	22.00 -1.86 0.78	19.62 -1.37 0.00	17.74 -0.80 0.00	16.33 -0.63 0.00	15.71 -0.40 0.00
LOCKPORT____CC3 323771	17.96 -0.42 -0.10	15.90 -0.36 -0.06	12.30 -0.30 -0.65	10.81 -0.28 -1.19	14.23 -0.41 -0.64	20.25 -0.24 0.00	20.35 -0.61 0.00	22.90 -0.86 0.00	22.81 -0.90 0.00	20.97 -0.96 0.00	19.82 -0.95 0.00	17.12 -0.91 0.44	15.22 -0.80 0.17	15.24 -0.73 1.48	14.49 -0.98 0.93	13.02 -1.00 2.68	15.90 -1.35 5.63	9.16 -1.22 9.21	11.32 -1.40 8.29	22.00 -1.86 0.78	19.62 -1.37 0.00	17.74 -0.80 0.00	16.33 -0.63 0.00	15.71 -0.40 0.00

LONG_LAKE_PHOENIX 24014	18.20 -0.13 -0.06	16.08 -0.15 -0.03	12.18 -0.12 -0.35	10.44 -0.10 -0.64	14.21 -0.15 -0.34	20.33 -0.16 0.00	20.80 -0.15 0.00	23.60 -0.16 0.00	23.51 -0.20 0.00	21.74 -0.20 0.00	20.57 -0.20 0.00	18.27 -0.20 0.00	16.04 -0.14 0.00	17.30 -0.14 0.00	16.22 -0.18 0.00	16.50 -0.20 0.00	22.61 -0.26 0.00	19.34 -0.26 0.00	20.75 -0.27 0.00	24.31 -0.34 0.00	20.73 -0.26 0.00	18.34 -0.19 0.00	16.79 -0.18 0.00	15.96 -0.15 0.00
LOVETT___3 23632	20.02 1.08 -0.67	17.55 0.96 -0.38	16.79 0.70 -4.13	18.08 0.57 -7.61	18.86 0.79 -4.07	21.55 1.06 0.00	22.08 1.13 0.00	25.02 1.26 0.00	24.87 1.16 0.00	23.05 1.12 0.00	21.96 1.19 0.00	19.57 1.10 0.00	17.03 0.85 0.00	18.35 0.91 0.00	17.33 0.92 0.00	17.72 1.02 0.00	24.28 1.40 0.00	20.78 1.18 0.00	22.28 1.26 0.00	26.10 1.45 0.00	22.23 1.24 0.00	19.52 0.99 0.00	17.93 0.96 0.00	17.08 0.97 0.00
LOVETT___4 23642	20.02 1.08 -0.67	17.55 0.96 -0.38	16.79 0.70 -4.13	18.08 0.57 -7.61	18.86 0.79 -4.07	21.55 1.06 0.00	22.08 1.13 0.00	25.02 1.26 0.00	24.87 1.16 0.00	23.05 1.12 0.00	21.96 1.19 0.00	19.57 1.10 0.00	17.03 0.85 0.00	18.35 0.91 0.00	17.33 0.92 0.00	17.72 1.02 0.00	24.28 1.40 0.00	20.78 1.18 0.00	22.28 1.26 0.00	26.10 1.45 0.00	22.23 1.24 0.00	19.52 0.99 0.00	17.93 0.96 0.00	17.08 0.97 0.00
LOVETT___5 23593	20.02 1.08 -0.67	17.55 0.96 -0.38	16.79 0.70 -4.13	18.08 0.57 -7.61	18.86 0.79 -4.07	21.55 1.06 0.00	22.08 1.13 0.00	25.02 1.26 0.00	24.87 1.16 0.00	23.05 1.12 0.00	21.96 1.19 0.00	19.57 1.10 0.00	17.03 0.85 0.00	18.35 0.91 0.00	17.33 0.92 0.00	17.72 1.02 0.00	24.28 1.40 0.00	20.78 1.18 0.00	22.28 1.26 0.00	26.10 1.45 0.00	22.23 1.24 0.00	19.52 0.99 0.00	17.93 0.96 0.00	17.08 0.97 0.00
LOWER_RAQUET___HYD 24057	17.72 -0.55 0.00	15.65 -0.56 0.00	11.53 -0.42 0.00	9.58 -0.32 0.00	13.57 -0.44 0.00	19.88 -0.60 0.00	20.49 -0.47 0.00	23.43 -0.33 0.00	23.50 -0.22 0.00	21.72 -0.21 0.00	20.39 -0.38 0.00	18.18 -0.30 0.00	16.04 -0.14 0.00	17.18 -0.27 0.00	15.90 -0.50 0.00	16.08 -0.61 0.00	22.20 -0.67 0.00	19.11 -0.49 0.00	20.48 -0.53 0.00	24.09 -0.56 0.00	20.54 -0.45 0.00	18.31 -0.22 0.00	16.75 -0.22 0.00	15.85 -0.26 0.00
LOWER___HUDSON 24059	20.08 0.93 -0.87	17.51 0.82 -0.49	17.97 0.62 -5.40	20.36 0.52 -9.94	20.04 0.73 -5.31	21.48 0.99 0.00	21.92 0.96 0.00	24.73 0.96 0.00	24.57 0.86 0.00	22.77 0.84 0.00	21.63 0.86 0.00	19.27 0.79 0.00	16.83 0.65 0.00	18.22 0.77 0.00	17.18 0.78 0.00	17.46 0.76 0.00	23.81 0.94 0.00	20.37 0.77 0.00	21.97 0.95 0.00	25.82 1.17 0.00	21.97 0.98 0.00	19.32 0.79 0.00	17.69 0.72 0.00	16.85 0.74 0.00
LOWVILLE_115KV_TB2 356335	18.44 0.14 -0.03	15.91 -0.31 -0.02	11.79 -0.32 -0.16	9.95 -0.25 -0.30	13.85 -0.31 -0.16	20.06 -0.43 0.00	20.98 0.03 0.00	24.28 0.52 0.00	24.24 0.53 0.00	22.27 0.34 0.00	20.48 -0.29 0.00	18.47 -0.01 0.00	16.53 0.35 0.00	17.85 0.41 0.00	16.36 -0.04 0.00	16.41 -0.29 0.00	22.82 -0.06 0.00	19.78 0.18 0.00	21.27 0.25 0.00	25.03 0.38 0.00	21.03 0.03 0.00	18.40 -0.13 0.00	16.74 -0.23 0.00	15.89 -0.22 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	20.32 1.15 -0.89	17.70 0.99 -0.50	18.22 0.74 -5.52	20.67 0.60 -10.17	20.31 0.87 -5.43	21.74 1.25 0.00	22.22 1.26 0.00	25.08 1.31 0.00	24.90 1.19 0.00	23.03 1.10 0.00	21.89 1.11 0.00	19.52 1.04 0.00	17.06 0.88 0.00	18.51 1.06 0.00	17.49 1.09 0.00	17.77 1.08 0.00	24.27 1.39 0.00	20.72 1.13 0.00	22.33 1.32 0.00	26.20 1.55 0.00	22.30 1.31 0.00	19.61 1.08 0.00	17.93 0.97 0.00	17.05 0.95 0.00
LUTHERNY_35_KV_BK2 355980	20.33 1.17 -0.89	17.70 0.99 -0.50	18.21 0.74 -5.52	20.67 0.60 -10.17	20.31 0.87 -5.43	21.74 1.25 0.00	22.22 1.27 0.00	25.09 1.32 0.00	24.92 1.21 0.00	23.03 1.10 0.00	21.87 1.10 0.00	19.51 1.03 0.00	17.06 0.88 0.00	18.51 1.07 0.00	17.51 1.11 0.00	17.77 1.07 0.00	24.28 1.40 0.00	20.72 1.13 0.00	22.35 1.34 0.00	26.22 1.57 0.00	22.29 1.30 0.00	19.61 1.08 0.00	17.94 0.97 0.00	17.06 0.95 0.00
LWR___OSWEGATCHIE_HYD 23850	18.06 -0.24 -0.02	15.76 -0.45 -0.01	11.68 -0.39 -0.12	9.82 -0.30 -0.22	13.73 -0.39 -0.12	19.95 -0.54 0.00	20.72 -0.23 0.00	23.83 0.07 0.00	23.82 0.11 0.00	21.96 0.03 0.00	20.41 -0.37 0.00	18.30 -0.17 0.00	16.25 0.07 0.00	17.47 0.02 0.00	16.07 -0.33 0.00	16.18 -0.51 0.00	22.43 -0.45 0.00	19.36 -0.24 0.00	20.79 -0.23 0.00	24.48 -0.16 0.00	20.73 -0.26 0.00	18.35 -0.19 0.00	16.73 -0.24 0.00	15.85 -0.26 0.00
LYONS_FALL_HYD 23570	18.53 0.23 -0.03	16.14 -0.08 -0.01	11.98 -0.12 -0.15	10.11 -0.08 -0.28	14.07 -0.09 -0.15	20.39 -0.10 0.00	21.15 0.19 0.00	24.29 0.53 0.00	24.25 0.54 0.00	22.33 0.39 0.00	20.78 0.01 0.00	18.63 0.16 0.00	16.54 0.36 0.00	17.86 0.41 0.00	16.53 0.13 0.00	16.67 -0.03 0.00	23.04 0.16 0.00	19.88 0.28 0.00	21.36 0.34 0.00	25.11 0.45 0.00	21.20 0.20 0.00	18.61 0.08 0.00	16.96 -0.01 0.00	16.09 -0.01 0.00
MADISON___COUNTY_LFGE 323628	18.76 0.44 -0.04	16.54 0.31 -0.02	12.43 0.22 -0.26	10.59 0.20 -0.48	14.54 0.28 -0.26	20.94 0.46 0.00	21.49 0.54 0.00	24.42 0.66 0.00	24.37 0.66 0.00	22.47 0.54 0.00	21.32 0.55 0.00	18.94 0.46 0.00	16.60 0.42 0.00	17.95 0.50 0.00	16.85 0.45 0.00	17.12 0.42 0.00	23.46 0.58 0.00	20.08 0.48 0.00	21.54 0.52 0.00	25.30 0.65 0.00	21.54 0.55 0.00	18.99 0.46 0.00	17.36 0.39 0.00	16.47 0.37 0.00
MALONE___115KV_TB1 356076	17.64 -0.64 0.00	15.61 -0.59 0.00	11.60 -0.35 0.00	9.65 -0.25 0.00	13.68 -0.32 0.00	20.15 -0.34 0.00	20.90 -0.06 0.00	24.02 0.26 0.00	24.14 0.43 0.00	22.18 0.24 0.00	21.04 0.27 0.00	18.69 0.21 0.00	16.41 0.23 0.00	17.53 0.08 0.00	16.38 -0.03 0.00	16.62 -0.08 0.00	22.90 0.02 0.00	19.99 0.39 0.00	21.46 0.44 0.00	25.17 0.51 0.00	21.36 0.37 0.00	18.88 0.35 0.00	17.23 0.26 0.00	16.30 0.20 0.00
MAPLEWOD_115KV_TB3 80458	20.08 0.94 -0.87	17.54 0.84 -0.49	17.95 0.63 -5.37	20.33 0.53 -9.89	20.04 0.75 -5.28	21.51 1.02 0.00	21.94 0.99 0.00	24.78 1.01 0.00	24.62 0.90 0.00	22.81 0.88 0.00	21.66 0.89 0.00	19.28 0.81 0.00	16.85 0.67 0.00	18.22 0.77 0.00	17.22 0.82 0.00	17.54 0.84 0.00	23.89 1.01 0.00	20.44 0.85 0.00	22.00 0.99 0.00	25.83 1.18 0.00	21.99 1.00 0.00	19.34 0.81 0.00	17.72 0.76 0.00	16.87 0.76 0.00
MAPLE_RIDGE_WT_1 323574	17.67 -0.61 0.00	15.48 -0.72 0.00	11.38 -0.57 0.00	9.51 -0.40 0.00	13.47 -0.53 0.00	19.69 -0.80 0.00	20.34 -0.61 0.00	23.36 -0.41 0.00	23.48 -0.23 0.00	21.66 -0.27 0.00	19.93 -0.85 0.00	17.65 -0.82 0.00	15.88 -0.30 0.00	17.26 -0.19 0.00	16.05 -0.35 0.00	16.25 -0.45 0.00	22.53 -0.34 0.00	19.42 -0.18 0.00	20.87 -0.15 0.00	24.45 -0.20 0.00	20.71 -0.28 0.00	18.20 -0.34 0.00	16.59 -0.38 0.00	15.75 -0.36 0.00

MAPLE_RIDGE_WT_2 323611	17.67 -0.61 0.00	15.48 -0.72 0.00	11.38 -0.57 0.00	9.51 -0.40 0.00	13.47 -0.53 0.00	19.69 -0.80 0.00	20.34 -0.61 0.00	23.36 -0.41 0.00	23.48 -0.23 0.00	21.66 -0.27 0.00	19.93 -0.85 0.00	17.65 -0.82 0.00	15.88 -0.30 0.00	17.26 -0.19 0.00	16.05 -0.35 0.00	16.25 -0.45 0.00	22.53 -0.34 0.00	19.42 -0.18 0.00	20.87 -0.15 0.00	24.45 -0.20 0.00	20.71 -0.28 0.00	18.20 -0.34 0.00	16.59 -0.38 0.00	15.75 -0.36 0.00
MARBLE_RIVER_WT_PWR 323696	17.42 -0.86 0.00	15.45 -0.75 0.00	11.51 -0.44 0.00	9.58 -0.33 0.00	13.58 -0.42 0.00	20.01 -0.48 0.00	20.81 -0.15 0.00	23.94 0.18 0.00	24.09 0.38 0.00	22.06 0.13 0.00	21.00 0.23 0.00	18.64 0.16 0.00	16.33 0.14 0.00	17.42 -0.03 0.00	16.33 -0.08 0.00	16.57 -0.13 0.00	22.81 -0.07 0.00	20.01 0.42 0.00	21.55 0.53 0.00	25.23 0.57 0.00	21.37 0.38 0.00	18.83 0.30 0.00	17.19 0.23 0.00	16.29 0.18 0.00
MARSHVLE_115KV_TB1 80742	20.64 1.30 -1.07	17.91 1.10 -0.60	19.32 0.76 -6.61	22.65 0.57 -12.17	21.38 0.87 -6.50	21.90 1.41 0.00	22.56 1.60 0.00	25.66 1.90 0.00	25.55 1.84 0.00	23.49 1.55 0.00	22.13 1.36 0.00	19.77 1.29 0.00	17.30 1.12 0.00	18.74 1.30 0.00	17.53 1.12 0.00	17.93 1.23 0.00	24.64 1.77 0.00	21.11 1.51 0.00	22.54 1.52 0.00	26.44 1.79 0.00	22.54 1.55 0.00	19.97 1.44 0.00	18.25 1.28 0.00	17.27 1.17 0.00
MARSH_HILL_WT_PWR 323713	18.24 -0.19 -0.15	16.01 -0.28 -0.09	12.64 -0.26 -0.95	11.40 -0.25 -1.74	14.57 -0.36 -0.93	20.12 -0.36 0.00	20.66 -0.29 0.00	23.57 -0.19 0.00	23.72 0.01 0.00	21.99 0.05 0.00	20.79 0.02 0.00	20.17 -0.15 -1.85	16.63 -0.25 -0.70	23.34 -0.30 -6.20	19.99 -0.34 -3.93	27.87 -0.20 -11.37	47.35 -0.19 -24.66	58.68 -0.38 -39.46	55.72 -0.53 -35.23	27.21 -0.77 -3.33	20.74 -0.25 0.00	18.64 0.11 0.00	17.13 0.16 0.00	16.15 0.05 0.00
MCINTYRE_115KV_TB2 80467	17.94 -0.33 0.00	15.86 -0.35 0.00	11.69 -0.26 0.00	9.73 -0.18 0.00	13.76 -0.25 0.00	20.16 -0.32 0.00	20.73 -0.23 0.00	23.65 -0.11 0.00	23.73 0.02 0.00	22.05 0.12 0.00	20.70 -0.07 0.00	18.44 -0.04 0.00	16.26 0.08 0.00	17.45 0.00 0.00	16.22 -0.18 0.00	16.43 -0.26 0.00	22.65 -0.23 0.00	19.47 -0.12 0.00	20.87 -0.15 0.00	24.55 -0.10 0.00	20.98 -0.01 0.00	18.65 0.12 0.00	16.98 0.01 0.00	16.05 -0.05 0.00
MECO____69_KV_BK1 80468	20.95 1.66 -1.02	18.20 1.42 -0.57	19.25 1.02 -6.28	22.33 0.86 -11.57	21.41 1.23 -6.18	22.39 1.90 0.00	23.18 2.23 0.00	26.34 2.57 0.00	26.08 2.37 0.00	23.87 1.94 0.00	22.45 1.68 0.00	20.08 1.60 0.00	17.57 1.38 0.00	19.04 1.59 0.00	17.86 1.46 0.00	18.34 1.65 0.00	25.17 2.29 0.00	21.50 1.90 0.00	23.10 2.09 0.00	27.07 2.42 0.00	23.14 2.15 0.00	20.43 1.90 0.00	18.66 1.69 0.00	17.66 1.56 0.00
MENANDS__115KV_TB5 355628	19.89 0.76 -0.86	17.38 0.69 -0.48	17.79 0.53 -5.30	20.15 0.47 -9.77	19.87 0.65 -5.22	21.31 0.83 0.00	21.71 0.75 0.00	24.49 0.72 0.00	24.34 0.63 0.00	22.58 0.64 0.00	21.46 0.69 0.00	19.09 0.62 0.00	16.65 0.47 0.00	18.00 0.56 0.00	16.98 0.58 0.00	17.29 0.59 0.00	23.52 0.65 0.00	20.15 0.54 0.00	21.70 0.68 0.00	25.47 0.82 0.00	21.68 0.69 0.00	19.06 0.53 0.00	17.48 0.51 0.00	16.67 0.57 0.00
MG INDUSTRY___DRP 24185	19.88 0.76 -0.84	17.38 0.70 -0.48	17.71 0.53 -5.22	20.00 0.48 -9.62	19.81 0.66 -5.14	21.36 0.88 0.00	21.76 0.81 0.00	24.56 0.80 0.00	24.39 0.68 0.00	22.58 0.65 0.00	21.44 0.67 0.00	19.06 0.59 0.00	16.63 0.45 0.00	17.98 0.53 0.00	16.97 0.57 0.00	17.30 0.60 0.00	23.57 0.70 0.00	20.19 0.60 0.00	21.75 0.73 0.00	25.52 0.87 0.00	21.72 0.72 0.00	19.11 0.58 0.00	17.52 0.55 0.00	16.70 0.60 0.00
MID___OSWEGATCHIE_HYD 23849	18.06 -0.24 -0.02	15.76 -0.45 -0.01	11.68 -0.39 -0.12	9.82 -0.30 -0.22	13.73 -0.39 -0.12	19.95 -0.54 0.00	20.72 -0.23 0.00	23.83 0.07 0.00	23.82 0.11 0.00	21.96 0.03 0.00	20.41 -0.37 0.00	18.30 -0.17 0.00	16.25 0.07 0.00	17.47 0.02 0.00	16.07 -0.33 0.00	16.18 -0.51 0.00	22.43 -0.45 0.00	19.36 -0.24 0.00	20.79 -0.23 0.00	24.48 -0.16 0.00	20.73 -0.26 0.00	18.35 -0.19 0.00	16.73 -0.24 0.00	15.85 -0.26 0.00
MID___RAQUETTE_HYD 23851	17.72 -0.55 0.00	15.65 -0.56 0.00	11.53 -0.42 0.00	9.59 -0.32 0.00	13.57 -0.43 0.00	19.88 -0.61 0.00	20.49 -0.47 0.00	23.43 -0.33 0.00	23.49 -0.22 0.00	21.72 -0.21 0.00	20.39 -0.38 0.00	18.18 -0.30 0.00	16.04 -0.14 0.00	17.18 -0.27 0.00	15.90 -0.50 0.00	16.09 -0.61 0.00	22.20 -0.67 0.00	19.11 -0.49 0.00	20.48 -0.53 0.00	24.09 -0.56 0.00	20.54 -0.45 0.00	18.31 -0.22 0.00	16.75 -0.22 0.00	15.85 -0.25 0.00
MILLIKEN___1 23584	18.86 0.44 -0.14	16.63 0.35 -0.08	13.08 0.24 -0.89	11.74 0.20 -1.64	15.18 0.29 -0.88	21.01 0.52 0.00	21.51 0.55 0.00	24.41 0.65 0.00	24.30 0.59 0.00	22.39 0.46 0.00	21.24 0.47 0.00	19.01 0.37 -0.17	16.56 0.32 -0.06	18.34 0.32 -0.57	17.12 0.35 -0.36	18.18 0.43 -1.05	25.64 0.54 -2.22	23.63 0.41 -3.62	24.72 0.45 -3.26	25.49 0.53 -0.31	21.49 0.50 0.00	19.00 0.47 0.00	17.38 0.41 0.00	16.51 0.40 0.00
MILLIKEN___2 23585	18.86 0.44 -0.14	16.63 0.35 -0.08	13.08 0.24 -0.89	11.74 0.20 -1.64	15.18 0.29 -0.88	21.01 0.52 0.00	21.51 0.55 0.00	24.41 0.65 0.00	24.30 0.59 0.00	22.39 0.46 0.00	21.24 0.47 0.00	19.01 0.37 -0.17	16.56 0.32 -0.06	18.34 0.32 -0.57	17.12 0.35 -0.36	18.18 0.43 -1.05	25.64 0.54 -2.22	23.63 0.41 -3.62	24.72 0.45 -3.26	25.49 0.53 -0.31	21.49 0.50 0.00	19.00 0.47 0.00	17.38 0.41 0.00	16.51 0.40 0.00
MILLIKEN___DIESEL 23629	18.86 0.44 -0.14	16.63 0.35 -0.08	13.08 0.24 -0.89	11.74 0.20 -1.64	15.18 0.29 -0.88	21.01 0.52 0.00	21.51 0.55 0.00	24.41 0.65 0.00	24.30 0.59 0.00	22.39 0.46 0.00	21.24 0.47 0.00	19.01 0.37 -0.17	16.56 0.32 -0.06	18.34 0.32 -0.57	17.12 0.35 -0.36	18.18 0.43 -1.05	25.64 0.54 -2.22	23.63 0.41 -3.62	24.72 0.45 -3.26	25.49 0.53 -0.31	21.49 0.50 0.00	19.00 0.47 0.00	17.38 0.41 0.00	16.51 0.40 0.00
MILLSEAT___LFGE 323607	18.12 -0.26 -0.10	16.05 -0.22 -0.06	12.40 -0.19 -0.64	10.89 -0.20 -1.18	14.35 -0.29 -0.63	20.46 -0.03 0.00	20.57 -0.39 0.00	23.18 -0.58 0.00	23.10 -0.61 0.00	21.20 -0.74 0.00	20.03 -0.74 0.00	17.40 -0.66 0.41	15.49 -0.54 0.15	15.63 -0.44 1.38	14.80 -0.73 0.87	13.45 -0.75 2.50	16.60 -1.04 5.24	10.04 -0.98 8.58	12.15 -1.13 7.73	22.41 -1.51 0.73	19.96 -1.04 0.00	18.02 -0.52 0.00	16.55 -0.42 0.00	15.89 -0.21 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.10 1.13 -0.69	17.62 1.03 -0.39	16.98 0.75 -4.29	18.39 0.59 -7.90	19.06 0.83 -4.22	21.60 1.12 0.00	22.13 1.17 0.00	25.08 1.31 0.00	24.94 1.23 0.00	23.10 1.17 0.00	22.02 1.25 0.00	19.63 1.15 0.00	17.09 0.91 0.00	18.43 1.00 0.00	17.41 1.00 0.00	17.80 1.10 0.00	24.39 1.51 0.00	20.90 1.30 0.00	22.45 1.43 0.00	26.23 1.58 0.00	22.32 1.33 0.00	19.62 1.08 0.00	18.01 1.05 0.00	17.15 1.04 0.00

MILLWOOD_13_KV_LOAD 356217	20.14 1.17 -0.69	17.66 1.06 -0.39	17.01 0.77 -4.29	18.41 0.62 -7.90	19.08 0.86 -4.22	21.65 1.16 0.00	22.18 1.23 0.00	25.14 1.38 0.00	25.00 1.29 0.00	23.16 1.23 0.00	22.08 1.31 0.00	19.68 1.20 0.00	17.13 0.95 0.00	18.48 1.03 0.00	17.45 1.05 0.00	17.85 1.15 0.00	24.46 1.58 0.00	20.96 1.37 0.00	22.51 1.50 0.00	26.31 1.66 0.00	22.38 1.39 0.00	19.66 1.13 0.00	18.06 1.09 0.00	17.19 1.08 0.00
MODEL_CITY_ENERGY 24167	17.69 -0.69 -0.11	15.68 -0.58 -0.06	12.12 -0.48 -0.66	10.68 -0.43 -1.21	14.03 -0.62 -0.64	19.97 -0.52 0.00	20.04 -0.92 0.00	22.54 -1.23 0.00	22.45 -1.27 0.00	20.64 -1.30 0.00	19.50 -1.27 0.00	16.87 -1.18 0.42	14.99 -1.03 0.16	15.10 -0.92 1.42	14.33 -1.17 0.90	12.95 -1.18 2.57	15.85 -1.64 5.39	9.36 -1.42 8.82	11.46 -1.63 7.93	21.71 -2.19 0.75	19.36 -1.63 0.00	17.51 -1.03 0.00	16.13 -0.84 0.00	15.53 -0.58 0.00
MODERN_LFGE_ 323580	17.69 -0.69 -0.11	15.68 -0.58 -0.06	12.12 -0.48 -0.66	10.68 -0.43 -1.21	14.03 -0.62 -0.64	19.97 -0.52 0.00	20.04 -0.92 0.00	22.54 -1.23 0.00	22.45 -1.27 0.00	20.64 -1.30 0.00	19.50 -1.27 0.00	16.87 -1.18 0.42	14.99 -1.03 0.16	15.10 -0.92 1.42	14.33 -1.17 0.90	12.95 -1.18 2.57	15.85 -1.64 5.39	9.36 -1.42 8.82	11.46 -1.63 7.93	21.71 -2.19 0.75	19.36 -1.63 0.00	17.51 -1.03 0.00	16.13 -0.84 0.00	15.53 -0.58 0.00
MOHAWK_PAPER___DRP 24187	20.08 0.94 -0.87	17.54 0.84 -0.49	17.95 0.63 -5.37	20.33 0.53 -9.89	20.04 0.75 -5.28	21.51 1.02 0.00	21.94 0.99 0.00	24.78 1.01 0.00	24.62 0.90 0.00	22.81 0.88 0.00	21.66 0.89 0.00	19.28 0.81 0.00	16.85 0.67 0.00	18.22 0.77 0.00	17.22 0.82 0.00	17.54 0.84 0.00	23.89 1.01 0.00	20.44 0.85 0.00	22.00 0.99 0.00	25.83 1.18 0.00	21.99 1.00 0.00	19.34 0.81 0.00	17.72 0.76 0.00	16.87 0.76 0.00
MOHICAN__35_KV_115KV_LD 80490	20.38 1.21 -0.89	17.74 1.03 -0.50	18.26 0.78 -5.53	20.70 0.61 -10.18	20.35 0.90 -5.44	21.80 1.31 0.00	22.29 1.34 0.00	25.12 1.36 0.00	24.90 1.19 0.00	23.04 1.11 0.00	21.93 1.16 0.00	19.58 1.10 0.00	17.12 0.93 0.00	18.64 1.19 0.00	17.65 1.25 0.00	17.95 1.25 0.00	24.44 1.56 0.00	20.83 1.24 0.00	22.50 1.48 0.00	26.29 1.64 0.00	22.36 1.37 0.00	19.67 1.14 0.00	17.97 1.00 0.00	17.07 0.96 0.00
MONGAUP___HYD 23641	19.96 1.05 -0.63	17.48 0.92 -0.36	16.51 0.66 -3.90	17.63 0.55 -7.18	18.60 0.76 -3.83	21.54 1.05 0.00	22.05 1.09 0.00	24.96 1.20 0.00	24.79 1.08 0.00	22.86 0.93 0.00	21.69 0.92 0.00	19.27 0.79 0.00	16.77 0.59 0.00	18.07 0.62 0.00	17.06 0.66 0.00	17.57 0.87 0.00	23.97 1.09 0.00	20.35 0.75 0.00	21.88 0.86 0.00	25.66 1.01 0.00	21.90 0.91 0.00	19.49 0.96 0.00	17.97 1.00 0.00	17.04 0.94 0.00
MONTAUK___DIESEL 23721	45.27 2.34 -24.65	46.61 2.19 -28.22	20.01 1.62 -6.43	19.74 1.29 -8.55	33.51 1.84 -17.67	40.08 2.66 -16.93	30.64 2.77 -6.91	26.81 3.05 0.00	28.65 2.63 -2.31	24.14 2.20 0.00	22.94 2.12 -0.05	20.68 1.85 -0.35	17.53 1.35 0.00	18.84 1.40 0.00	17.70 1.30 0.01	15.19 1.30 2.80	24.94 2.07 0.00	21.46 1.86 0.00	23.23 2.21 0.00	27.44 2.78 0.00	23.37 2.38 0.00	21.36 2.13 -0.70	19.90 2.00 -0.93	52.51 2.00 -34.41
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.38 -0.02 -0.12	16.13 -0.14 -0.07	12.57 -0.14 -0.76	11.14 -0.17 -1.40	14.48 -0.28 -0.75	20.45 -0.04 0.00	20.92 -0.04 0.00	24.02 0.26 0.00	24.22 0.51 0.00	22.52 0.58 0.00	21.24 0.47 0.00	18.38 0.25 0.35	16.33 0.28 0.13	16.60 0.32 1.16	15.36 -0.25 0.80	14.04 -0.35 2.31	17.82 -0.31 4.75	11.18 -0.34 8.07	13.05 -0.50 7.47	23.33 -0.62 0.70	20.62 -0.37 0.00	18.53 0.00 0.00	17.01 0.04 0.00	16.21 0.10 0.00
MORTIMER_115KV_TB3 55949	18.36 0.00 -0.08	16.24 -0.01 -0.05	12.44 -0.02 -0.51	10.80 -0.05 -0.95	14.45 -0.06 -0.51	20.60 0.11 0.00	20.92 -0.04 0.00	23.65 -0.11 0.00	23.54 -0.17 0.00	21.70 -0.23 0.00	20.51 -0.26 0.00	18.15 -0.25 0.07	15.94 -0.22 0.03	16.99 -0.20 0.25	15.86 -0.39 0.16	15.79 -0.45 0.46	21.88 -0.55 0.45	17.40 -0.61 1.59	18.91 -0.69 1.42	23.69 -0.82 0.13	20.43 -0.56 0.00	18.28 -0.25 0.00	16.76 -0.20 0.00	16.01 -0.09 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.17 1.21 -0.69	17.70 1.11 -0.39	17.03 0.80 -4.28	18.42 0.63 -7.89	19.10 0.88 -4.21	21.66 1.17 0.00	22.21 1.25 0.00	25.18 1.42 0.00	25.05 1.34 0.00	23.22 1.29 0.00	22.15 1.38 0.00	19.75 1.28 0.00	17.19 1.02 0.00	18.54 1.10 0.00	17.51 1.11 0.00	17.91 1.21 0.00	24.54 1.67 0.00	21.03 1.43 0.00	22.59 1.57 0.00	26.38 1.73 0.00	22.45 1.46 0.00	19.73 1.20 0.00	18.14 1.17 0.00	17.26 1.15 0.00
MUNSVILLE_WIND_PWR 323609	19.70 1.21 -0.21	17.32 1.00 -0.12	13.98 0.70 -1.33	12.94 0.59 -2.45	16.21 0.90 -1.31	22.02 1.53 0.00	22.60 1.64 0.00	25.66 1.90 0.00	25.52 1.81 0.00	23.32 1.39 0.00	22.13 1.36 0.00	19.73 1.12 -0.14	17.16 0.93 -0.05	18.65 0.75 -0.46	17.72 1.02 -0.29	18.94 1.40 -0.84	26.41 1.78 -1.76	23.87 1.37 -2.90	25.11 1.51 -2.59	26.83 1.93 -0.24	22.62 1.63 0.00	19.94 1.41 0.00	18.19 1.22 0.00	17.22 1.11 0.00
N SALMON___HYD 24042	17.63 -0.64 0.00	15.61 -0.59 0.00	11.60 -0.35 0.00	9.65 -0.25 0.00	13.69 -0.32 0.00	20.15 -0.34 0.00	20.90 -0.06 0.00	24.02 0.26 0.00	24.14 0.43 0.00	22.18 0.24 0.00	21.04 0.27 0.00	18.69 0.21 0.00	16.41 0.23 0.00	17.53 0.08 0.00	16.38 -0.03 0.00	16.62 -0.08 0.00	22.90 0.02 0.00	19.99 0.39 0.00	21.46 0.44 0.00	25.17 0.51 0.00	21.36 0.37 0.00	18.88 0.35 0.00	17.23 0.26 0.00	16.31 0.20 0.00
N.AKRON__115KV_KNAPP 355671	18.12 -0.26 -0.10	16.05 -0.22 -0.06	12.40 -0.19 -0.64	10.89 -0.20 -1.18	14.35 -0.29 -0.63	20.45 -0.04 0.00	20.57 -0.39 0.00	23.21 -0.55 0.00	23.12 -0.60 0.00	21.22 -0.72 0.00	20.05 -0.72 0.00	17.40 -0.66 0.41	15.50 -0.53 0.15	15.63 -0.44 1.37	14.81 -0.72 0.87	13.45 -0.76 2.49	16.62 -1.04 5.22	10.09 -0.97 8.54	12.21 -1.12 7.69	22.44 -1.48 0.73	19.98 -1.01 0.00	18.03 -0.50 0.00	16.56 -0.41 0.00	15.90 -0.20 0.00
N.BELMOR_69_KV_BK1 55787	44.48 1.55 -24.65	44.50 1.40 -26.89	19.24 1.01 -6.28	19.20 0.79 -8.50	31.82 1.12 -16.69	37.84 1.56 -15.80	29.48 1.62 -6.90	25.59 1.83 0.00	27.73 1.72 -2.31	23.47 1.54 0.00	22.46 1.64 -0.05	20.32 1.49 -0.35	17.35 1.16 0.00	18.69 1.25 0.00	17.64 1.24 0.00	17.97 1.28 0.00	24.64 1.76 0.00	21.11 1.51 0.00	22.67 1.65 0.00	26.59 1.93 0.00	22.64 1.65 0.00	20.69 1.46 -0.70	19.31 1.42 -0.93	51.95 1.43 -34.41
N.E._GEN_SANDY PD 24062	20.48 0.97 -1.24	17.51 0.86 -0.44	17.46 0.65 -4.86	19.39 0.53 -8.95	19.53 0.74 -4.78	21.47 0.98 0.00	21.90 0.94 0.00	24.70 0.94 0.00	24.53 0.82 0.00	22.75 0.82 0.00	21.41 0.87 0.23	19.27 0.80 0.00	16.63 0.63 0.18	18.22 0.73 -0.05	17.16 0.75 0.00	17.39 0.78 0.08	23.86 0.98 0.00	20.00 0.85 0.45	23.38 1.04 -1.32	31.02 1.24 -5.14	22.02 1.03 0.00	19.34 0.81 0.00	17.73 0.77 0.00	16.90 0.79 0.00

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.04 1.10 -0.67	17.57 0.98 -0.38	16.79 0.72 -4.12	18.07 0.58 -7.59	18.87 0.81 -4.06	21.57 1.09 0.00	22.11 1.15 0.00	25.05 1.29 0.00	24.92 1.21 0.00	23.09 1.16 0.00	22.00 1.23 0.00	19.62 1.14 0.00	17.08 0.90 0.00	18.41 0.96 0.00	17.38 0.98 0.00	17.77 1.07 0.00	24.35 1.47 0.00	20.84 1.24 0.00	22.34 1.32 0.00	26.17 1.52 0.00	22.28 1.29 0.00	19.57 1.04 0.00	17.97 1.00 0.00	17.11 1.00 0.00
N. QUEENS_27_KV_LOAD 356247	20.28 1.31 -0.69	17.84 1.25 -0.39	17.11 0.87 -4.28	18.49 0.70 -7.89	19.18 0.96 -4.21	21.74 1.26 0.00	22.35 1.39 0.00	25.35 1.59 0.00	25.23 1.52 0.00	23.35 1.42 0.00	22.25 1.48 0.00	19.84 1.37 0.00	17.26 1.08 0.00	18.62 1.18 0.00	17.58 1.17 0.00	17.97 1.27 0.00	24.64 1.76 0.00	21.11 1.51 0.00	22.66 1.64 0.00	26.48 1.83 0.00	22.51 1.52 0.00	19.81 1.27 0.00	18.22 1.25 0.00	17.35 1.25 0.00
N. TROY___115KV_TB1 355778	20.08 0.93 -0.87	17.51 0.82 -0.49	17.97 0.62 -5.40	20.36 0.52 -9.94	20.04 0.72 -5.31	21.48 0.99 0.00	21.92 0.96 0.00	24.72 0.96 0.00	24.57 0.86 0.00	22.77 0.84 0.00	21.63 0.86 0.00	19.27 0.79 0.00	16.83 0.65 0.00	18.22 0.77 0.00	17.18 0.78 0.00	17.46 0.76 0.00	23.81 0.94 0.00	20.37 0.78 0.00	21.98 0.96 0.00	25.82 1.17 0.00	21.97 0.98 0.00	19.32 0.79 0.00	17.69 0.72 0.00	16.84 0.74 0.00
NARROWS_GT1_1 24228	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
NARROWS_GT1_2 24229	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
NARROWS_GT1_3 24230	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
NARROWS_GT1_4 24231	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
NARROWS_GT1_5 24232	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
NARROWS_GT1_6 24233	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
NARROWS_GT1_7 24234	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
NARROWS_GT1_8 24235	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
NARROWS_GT2_1 24236	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
NARROWS_GT2_2 24237	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
NARROWS_GT2_3 24238	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
NARROWS_GT2_4 24239	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00

NARROWS_GT2_5 24240	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
NARROWS_GT2_6 24241	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
NARROWS_GT2_7 24242	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
NARROWS_GT2_8 24243	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.08 1.00 -0.81	17.56 0.90 -0.46	17.62 0.67 -5.00	19.71 0.60 -9.20	19.78 0.85 -4.92	21.67 1.19 0.00	22.08 1.12 0.00	24.91 1.15 0.00	24.69 0.98 0.00	22.85 0.91 0.00	21.64 0.87 0.00	19.19 0.71 0.00	16.73 0.55 0.00	18.11 0.67 0.00	17.19 0.78 0.00	17.62 0.92 0.00	23.97 1.09 0.00	20.53 0.93 0.00	22.12 1.10 0.00	25.96 1.31 0.00	22.10 1.11 0.00	19.44 0.91 0.00	17.77 0.80 0.00	16.91 0.80 0.00
NCHELSEA_115KV_TR2 355582	20.20 1.23 -0.69	17.70 1.11 -0.39	17.03 0.81 -4.27	18.42 0.64 -7.87	19.11 0.90 -4.20	21.73 1.25 0.00	22.27 1.31 0.00	25.21 1.45 0.00	25.06 1.35 0.00	23.20 1.27 0.00	22.09 1.32 0.00	19.67 1.20 0.00	17.15 0.97 0.00	18.50 1.05 0.00	17.49 1.09 0.00	17.91 1.21 0.00	24.53 1.65 0.00	21.03 1.43 0.00	22.57 1.55 0.00	26.41 1.76 0.00	22.48 1.49 0.00	19.75 1.22 0.00	18.11 1.15 0.00	17.23 1.12 0.00
NEG CAPITAL___MECHNVIL 23645	20.32 1.16 -0.89	17.72 1.01 -0.50	18.19 0.75 -5.48	20.62 0.62 -10.09	20.28 0.88 -5.39	21.74 1.26 0.00	22.22 1.27 0.00	25.09 1.33 0.00	24.92 1.21 0.00	23.05 1.12 0.00	21.89 1.12 0.00	19.52 1.05 0.00	17.07 0.89 0.00	18.51 1.06 0.00	17.50 1.10 0.00	17.78 1.08 0.00	24.27 1.40 0.00	20.74 1.14 0.00	22.35 1.33 0.00	26.23 1.58 0.00	22.33 1.34 0.00	19.64 1.11 0.00	17.95 0.98 0.00	17.07 0.96 0.00
NEG CENTRAL_HIGH_ACRES 23767	18.07 -0.29 -0.08	15.98 -0.28 -0.05	12.23 -0.22 -0.49	10.62 -0.19 -0.91	14.22 -0.27 -0.49	20.27 -0.21 0.00	20.61 -0.34 0.00	23.33 -0.43 0.00	23.24 -0.47 0.00	21.45 -0.48 0.00	20.29 -0.48 0.00	18.02 -0.46 0.00	15.80 -0.38 0.00	17.06 -0.38 0.00	15.89 -0.51 0.00	16.14 -0.55 0.00	22.15 -0.72 0.00	18.85 -0.74 0.01	20.18 -0.84 0.00	23.64 -1.01 0.00	20.24 -0.75 0.00	18.06 -0.48 0.00	16.54 -0.42 0.00	15.79 -0.32 0.00
NEG CENTRAL___DRP 24199	18.43 0.08 -0.08	16.29 0.04 -0.04	12.45 0.02 -0.48	10.78 0.00 -0.88	14.49 0.02 -0.47	20.63 0.14 0.00	21.09 0.14 0.00	23.91 0.15 0.00	23.80 0.09 0.00	21.96 0.03 0.00	20.79 0.02 0.00	18.46 -0.02 0.00	16.17 -0.01 0.00	17.47 0.03 0.00	16.36 -0.04 0.00	16.64 -0.06 0.00	22.80 -0.08 0.00	19.47 -0.12 0.01	20.86 -0.16 0.00	24.45 -0.20 0.00	20.89 -0.10 0.00	18.55 0.01 0.00	16.97 0.01 0.00	16.15 0.04 0.00
NEG CENTRAL___INDECK 23768	18.81 0.41 -0.13	16.57 0.29 -0.07	12.91 0.18 -0.78	11.44 0.10 -1.43	14.93 0.16 -0.77	20.98 0.49 0.00	21.40 0.44 0.00	24.19 0.43 0.00	23.95 0.24 0.00	22.00 0.07 0.00	20.80 0.03 0.00	20.21 -0.11 -1.84	16.78 -0.10 -0.70	23.70 0.08 -6.18	20.24 -0.08 -3.92	28.00 -0.04 -11.34	47.52 0.03 -24.62	58.81 -0.17 -39.37	55.86 -0.32 -35.16	27.60 -0.37 -3.32	21.07 0.08 0.00	18.93 0.40 0.00	17.34 0.38 0.00	16.50 0.39 0.00
NEG CENTRAL___SENECA 23627	18.40 0.05 -0.08	16.26 0.01 -0.04	12.43 0.00 -0.48	10.78 -0.01 -0.88	14.47 0.00 -0.47	20.62 0.13 0.00	21.06 0.10 0.00	23.86 0.10 0.00	23.76 0.05 0.00	21.92 -0.01 0.00	20.74 -0.03 0.00	18.40 -0.07 0.00	16.13 -0.05 0.00	17.44 0.00 0.00	16.30 -0.11 0.00	16.56 -0.13 0.00	22.71 -0.17 0.00	19.37 -0.22 0.01	20.75 -0.27 0.00	24.31 -0.34 0.00	20.80 -0.19 0.00	18.50 -0.04 0.00	16.93 -0.04 0.00	16.12 0.01 0.00
NEG CENTRAL___STATE_STREET 24147	18.72 0.36 -0.09	16.55 0.29 -0.05	12.68 0.20 -0.53	11.00 0.11 -0.98	14.73 0.21 -0.52	20.90 0.42 0.00	21.44 0.48 0.00	24.30 0.54 0.00	24.19 0.48 0.00	22.34 0.41 0.00	21.16 0.39 0.00	18.80 0.32 0.00	16.46 0.28 0.00	17.76 0.32 0.00	16.68 0.28 0.00	16.99 0.30 0.00	23.27 0.39 0.00	19.89 0.29 0.00	21.32 0.30 0.00	25.01 0.36 0.00	21.34 0.35 0.00	18.88 0.35 0.00	17.26 0.29 0.00	16.39 0.28 0.00
NEG MILLWOOD___DRP 24198	20.25 1.27 -0.70	17.74 1.14 -0.39	17.11 0.83 -4.32	18.53 0.66 -7.96	19.19 0.93 -4.25	21.77 1.29 0.00	22.32 1.36 0.00	25.28 1.52 0.00	25.14 1.43 0.00	23.28 1.34 0.00	22.16 1.39 0.00	19.74 1.26 0.00	17.20 1.02 0.00	18.56 1.11 0.00	17.54 1.14 0.00	17.96 1.27 0.00	24.61 1.73 0.00	21.10 1.51 0.00	22.66 1.64 0.00	26.50 1.85 0.00	22.55 1.55 0.00	19.81 1.28 0.00	18.16 1.20 0.00	17.27 1.17 0.00
NEG NORTH_FLCN_SEA 23793	17.64 -0.63 0.00	15.63 -0.58 0.00	11.63 -0.31 0.00	9.68 -0.23 0.00	13.72 -0.28 0.00	20.23 -0.26 0.00	21.04 0.08 0.00	24.19 0.43 0.00	24.36 0.64 0.00	22.31 0.37 0.00	21.27 0.50 0.00	18.87 0.40 0.00	16.52 0.34 0.00	17.67 0.22 0.00	16.54 0.14 0.00	16.79 0.09 0.00	23.07 0.19 0.00	20.26 0.66 0.00	21.85 0.83 0.00	25.55 0.90 0.00	21.66 0.67 0.00	19.07 0.54 0.00	17.42 0.45 0.00	16.51 0.40 0.00
NEG NORTH_KES_CHATEGAY 23792	17.43 -0.84 0.00	15.46 -0.74 0.00	11.50 -0.45 0.00	9.57 -0.34 0.00	13.58 -0.42 0.00	20.03 -0.46 0.00	20.80 -0.16 0.00	23.91 0.15 0.00	24.05 0.34 0.00	22.03 0.10 0.00	20.96 0.19 0.00	18.59 0.11 0.00	16.29 0.11 0.00	17.38 -0.06 0.00	16.30 -0.10 0.00	16.54 -0.15 0.00	22.78 -0.10 0.00	19.98 0.39 0.00	21.50 0.48 0.00	25.18 0.53 0.00	21.35 0.36 0.00	18.82 0.29 0.00	17.17 0.21 0.00	16.26 0.16 0.00



NEG NORTH___ALICE_FALLS 23915	17.62 -0.65 0.00	15.61 -0.59 0.00	11.62 -0.33 0.00	9.66 -0.24 0.00	13.71 -0.30 0.00	20.21 -0.27 0.00	21.03 0.07 0.00	24.20 0.44 0.00	24.35 0.63 0.00	22.30 0.36 0.00	21.26 0.49 0.00	18.86 0.38 0.00	16.51 0.33 0.00	17.66 0.22 0.00	16.53 0.13 0.00	16.78 0.08 0.00	23.08 0.20 0.00	20.27 0.67 0.00	21.84 0.82 0.00	25.57 0.92 0.00	21.68 0.69 0.00	19.09 0.56 0.00	17.42 0.45 0.00	16.50 0.40 0.00
NEG NORTH___LWR_SARANAC 23913	17.62 -0.65 0.00	15.61 -0.59 0.00	11.62 -0.33 0.00	9.66 -0.24 0.00	13.71 -0.30 0.00	20.21 -0.27 0.00	21.03 0.07 0.00	24.20 0.44 0.00	24.35 0.63 0.00	22.30 0.36 0.00	21.26 0.49 0.00	18.86 0.38 0.00	16.51 0.33 0.00	17.66 0.22 0.00	16.53 0.13 0.00	16.78 0.08 0.00	23.08 0.20 0.00	20.27 0.67 0.00	21.84 0.82 0.00	25.57 0.92 0.00	21.68 0.69 0.00	19.09 0.56 0.00	17.42 0.45 0.00	16.50 0.40 0.00
NEG NORTH___PLATTSBURG 23628	17.62 -0.66 0.00	15.61 -0.59 0.00	11.62 -0.33 0.00	9.67 -0.24 0.00	13.72 -0.29 0.00	20.21 -0.28 0.00	21.03 0.07 0.00	24.20 0.44 0.00	24.34 0.63 0.00	22.30 0.36 0.00	21.26 0.49 0.00	18.86 0.38 0.00	16.51 0.33 0.00	17.66 0.22 0.00	16.53 0.13 0.00	16.78 0.08 0.00	23.08 0.20 0.00	20.27 0.67 0.00	21.84 0.82 0.00	25.57 0.92 0.00	21.68 0.69 0.00	19.09 0.56 0.00	17.42 0.45 0.00	16.51 0.40 0.00
NEG WEST_LEA_LOCKPORT 23791	17.95 -0.43 -0.10	15.90 -0.36 -0.06	12.30 -0.30 -0.65	10.80 -0.30 -1.19	14.22 -0.42 -0.64	20.24 -0.25 0.00	20.35 -0.61 0.00	22.93 -0.83 0.00	22.82 -0.89 0.00	20.97 -0.96 0.00	19.82 -0.95 0.00	17.12 -0.91 0.44	15.22 -0.79 0.17	15.23 -0.74 1.48	14.49 -0.98 0.93	12.99 -1.03 2.68	15.87 -1.37 5.63	9.13 -1.26 9.22	11.30 -1.43 8.29	21.99 -1.87 0.78	19.63 -1.36 0.00	17.74 -0.79 0.00	16.34 -0.63 0.00	15.71 -0.40 0.00
NEG WEST___LANCASTR 23811	18.52 0.12 -0.12	16.38 0.10 -0.07	12.73 0.02 -0.75	11.28 -0.02 -1.39	14.75 0.00 -0.74	20.81 0.32 0.00	21.09 0.13 0.00	23.88 0.12 0.00	23.80 0.08 0.00	21.90 -0.03 0.00	20.71 -0.06 0.00	17.91 -0.15 0.41	15.87 -0.16 0.15	15.94 -0.13 1.38	15.19 -0.34 0.87	13.79 -0.39 2.52	17.00 -0.44 5.44	10.10 -0.49 9.01	12.48 -0.63 7.92	23.00 -0.88 0.78	20.37 -0.62 0.00	18.32 -0.22 0.00	16.86 -0.10 0.00	16.19 0.09 0.00
NEG_PENN_ALLEGHNY 23528	18.89 0.39 -0.23	16.64 0.31 -0.13	13.59 0.23 -1.41	12.68 0.18 -2.59	15.65 0.26 -1.39	20.93 0.44 0.00	21.43 0.48 0.00	24.35 0.59 0.00	24.26 0.55 0.00	22.40 0.47 0.00	21.29 0.52 0.00	18.98 0.40 -0.10	16.53 0.32 -0.04	18.13 0.35 -0.33	16.92 0.31 -0.21	17.68 0.37 -0.60	24.60 0.49 -1.23	22.07 0.36 -2.11	23.26 0.36 -1.87	25.22 0.40 -0.17	21.34 0.35 0.00	18.88 0.35 0.00	17.33 0.36 0.00	16.49 0.39 0.00
NEG___GEN_MONROE 24207	18.47 0.11 -0.08	16.39 0.14 -0.05	12.56 0.09 -0.51	10.91 0.06 -0.95	14.61 0.10 -0.51	20.85 0.36 0.00	21.16 0.20 0.00	23.88 0.11 0.00	23.69 -0.03 0.00	21.79 -0.14 0.00	20.60 -0.17 0.00	18.22 -0.18 0.07	16.03 -0.12 0.03	17.10 -0.10 0.25	15.95 -0.29 0.16	15.88 -0.36 0.46	22.01 -0.42 0.45	17.50 -0.51 1.59	19.01 -0.59 1.42	23.83 -0.69 0.13	20.56 -0.43 0.00	18.40 -0.13 0.00	16.87 -0.10 0.00	16.14 0.03 0.00
NEPA___ENERGY 23901	18.54 0.14 -0.12	16.34 0.07 -0.07	12.77 0.06 -0.76	11.33 0.02 -1.40	14.78 0.03 -0.75	20.76 0.27 0.00	21.14 0.18 0.00	24.05 0.29 0.00	23.97 0.26 0.00	22.06 0.13 0.00	20.95 0.18 0.00	18.01 0.00 0.47	15.99 -0.01 0.18	15.86 -0.01 1.58	15.19 -0.21 1.00	13.63 -0.19 2.87	16.81 -0.14 5.92	9.45 -0.30 9.85	11.58 -0.41 9.04	23.22 -0.58 0.85	20.60 -0.40 0.00	18.42 -0.11 0.00	17.01 0.04 0.00	16.29 0.18 0.00
NEVERSINK___HYD 23608	19.71 0.82 -0.61	17.48 0.93 -0.35	16.43 0.68 -3.80	17.46 0.55 -7.00	18.53 0.78 -3.74	21.60 1.11 0.00	22.15 1.19 0.00	25.08 1.32 0.00	24.94 1.23 0.00	23.05 1.12 0.00	21.95 1.18 0.00	19.53 1.05 0.00	17.03 0.84 0.00	18.31 0.87 0.00	16.89 0.48 0.00	17.32 0.62 0.00	23.82 0.94 0.00	20.38 0.78 0.00	21.90 0.88 0.00	25.69 1.04 0.00	22.35 1.36 0.00	19.63 1.09 0.00	17.99 1.02 0.00	17.10 0.99 0.00
NEWKRMKL_115KV_TB1 55635	19.80 0.65 -0.87	17.32 0.62 -0.49	17.81 0.48 -5.38	20.26 0.46 -9.90	19.91 0.62 -5.29	21.24 0.76 0.00	21.62 0.66 0.00	24.40 0.64 0.00	24.26 0.55 0.00	22.49 0.56 0.00	21.37 0.60 0.00	18.99 0.51 0.00	16.54 0.36 0.00	17.87 0.42 0.00	16.87 0.47 0.00	17.21 0.51 0.00	23.41 0.54 0.00	20.05 0.45 0.00	21.58 0.57 0.00	25.30 0.65 0.00	21.55 0.56 0.00	18.93 0.40 0.00	17.37 0.40 0.00	16.59 0.48 0.00
NEWTON___FALLS_HYD 23847	18.06 -0.24 -0.02	15.76 -0.45 -0.01	11.68 -0.39 -0.12	9.82 -0.30 -0.22	13.73 -0.39 -0.12	19.95 -0.54 0.00	20.72 -0.23 0.00	23.83 0.07 0.00	23.82 0.11 0.00	21.96 0.03 0.00	20.41 -0.37 0.00	18.30 -0.17 0.00	16.25 0.07 0.00	17.47 0.02 0.00	16.07 -0.33 0.00	16.18 -0.51 0.00	22.43 -0.45 0.00	19.36 -0.24 0.00	20.79 -0.23 0.00	24.48 -0.16 0.00	20.73 -0.26 0.00	18.35 -0.19 0.00	16.73 -0.24 0.00	15.85 -0.26 0.00
NGRID_A1_DSASP 323792	17.81 -0.57 -0.11	15.78 -0.49 -0.06	12.23 -0.37 -0.66	10.76 -0.35 -1.21	14.15 -0.50 -0.64	20.07 -0.42 0.00	20.14 -0.81 0.00	22.62 -1.14 0.00	22.51 -1.20 0.00	20.70 -1.23 0.00	19.55 -1.22 0.00	16.87 -1.17 0.43	14.98 -1.04 0.16	14.92 -1.09 1.44	14.20 -1.29 0.92	12.79 -1.26 2.65	15.75 -1.61 5.52	9.14 -1.50 8.96	11.16 -1.70 8.16	21.64 -2.24 0.77	19.28 -1.71 0.00	17.44 -1.09 0.00	16.08 -0.89 0.00	15.48 -0.62 0.00
NGRID_A2_DSASP 323793	17.81 -0.57 -0.11	15.78 -0.49 -0.06	12.23 -0.37 -0.66	10.76 -0.35 -1.21	14.15 -0.50 -0.64	20.07 -0.42 0.00	20.14 -0.81 0.00	22.62 -1.14 0.00	22.51 -1.20 0.00	20.70 -1.23 0.00	19.55 -1.22 0.00	16.87 -1.17 0.43	14.98 -1.04 0.16	14.92 -1.09 1.44	14.20 -1.29 0.92	12.79 -1.26 2.65	15.75 -1.61 5.52	9.14 -1.50 8.96	11.16 -1.70 8.16	21.64 -2.24 0.77	19.28 -1.71 0.00	17.44 -1.09 0.00	16.08 -0.89 0.00	15.48 -0.62 0.00
NGRID_A4_DSASP 323807	17.80 -0.58 -0.11	15.78 -0.49 -0.06	12.23 -0.38 -0.66	10.76 -0.35 -1.21	14.15 -0.50 -0.64	20.06 -0.43 0.00	20.14 -0.82 0.00	22.66 -1.11 0.00	22.52 -1.19 0.00	20.70 -1.23 0.00	19.55 -1.22 0.00	16.87 -1.18 0.43	14.98 -1.04 0.16	14.92 -1.09 1.44	14.19 -1.30 0.92	12.76 -1.29 2.65	15.71 -1.64 5.52	9.10 -1.54 8.96	11.14 -1.72 8.16	21.62 -2.26 0.77	19.28 -1.72 0.00	17.44 -1.09 0.00	16.08 -0.89 0.00	15.48 -0.62 0.00
NIAGARA_115E_LBMP 323715	17.56 -0.82 -0.11	15.57 -0.69 -0.06	12.05 -0.56 -0.66	10.61 -0.51 -1.21	13.93 -0.72 -0.65	19.83 -0.65 0.00	19.89 -1.07 0.00	22.36 -1.40 0.00	22.27 -1.44 0.00	20.48 -1.46 0.00	19.35 -1.42 0.00	16.73 -1.31 0.43	14.87 -1.15 0.16	14.98 -1.03 1.44	14.22 -1.27 0.91	12.82 -1.28 2.60	15.64 -1.79 5.45	9.16 -1.53 8.91	11.26 -1.75 8.00	21.53 -2.36 0.76	19.21 -1.78 0.00	17.38 -1.15 0.00	16.03 -0.94 0.00	15.43 -0.67 0.00

NIAGARA_115W_LBMP 323714	17.78 -0.60 -0.10	15.75 -0.52 -0.06	12.20 -0.40 -0.65	10.74 -0.37 -1.20	14.13 -0.52 -0.64	20.03 -0.46 0.00	20.10 -0.85 0.00	22.59 -1.18 0.00	22.46 -1.25 0.00	20.67 -1.27 0.00	19.52 -1.25 0.00	16.84 -1.21 0.43	14.95 -1.07 0.16	14.89 -1.12 1.44	14.17 -1.32 0.91	12.79 -1.28 2.63	15.75 -1.64 5.48	9.14 -1.52 8.93	11.17 -1.73 8.11	21.60 -2.28 0.76	19.25 -1.75 0.00	17.40 -1.13 0.00	16.05 -0.92 0.00	15.46 -0.65 0.00
NIAGARA_230_LBMP 323716	17.94 -0.44 -0.10	15.89 -0.37 -0.06	12.30 -0.29 -0.64	10.82 -0.27 -1.18	14.24 -0.39 -0.63	20.20 -0.28 0.00	20.31 -0.65 0.00	22.85 -0.91 0.00	22.73 -0.98 0.00	20.91 -1.02 0.00	19.75 -1.02 0.00	17.07 -1.00 0.40	15.15 -0.88 0.15	15.17 -0.92 1.35	14.42 -1.13 0.86	13.04 -1.17 2.49	16.16 -1.53 5.19	9.46 -1.43 8.71	11.67 -1.62 7.73	21.88 -2.04 0.73	19.45 -1.54 0.00	17.57 -0.97 0.00	16.19 -0.77 0.00	15.59 -0.51 0.00
NIAGARA__115KV_198_GIBSON 55903	17.77 -0.61 -0.10	15.75 -0.52 -0.06	12.20 -0.40 -0.65	10.74 -0.37 -1.20	14.12 -0.52 -0.64	20.03 -0.46 0.00	20.10 -0.85 0.00	22.62 -1.14 0.00	22.48 -1.23 0.00	20.67 -1.27 0.00	19.52 -1.25 0.00	16.84 -1.21 0.43	14.95 -1.07 0.16	14.89 -1.12 1.44	14.16 -1.33 0.91	12.75 -1.32 2.63	15.72 -1.67 5.49	9.10 -1.56 8.94	11.16 -1.75 8.11	21.58 -2.30 0.77	19.24 -1.75 0.00	17.41 -1.13 0.00	16.05 -0.92 0.00	15.45 -0.65 0.00
NIAGARA____ 23760	17.75 -0.63 -0.10	15.72 -0.54 -0.06	12.16 -0.45 -0.65	10.70 -0.42 -1.21	14.08 -0.57 -0.64	20.02 -0.47 0.00	20.13 -0.83 0.00	22.67 -1.09 0.00	22.56 -1.15 0.00	20.75 -1.18 0.00	19.60 -1.17 0.00	16.94 -1.12 0.41	15.03 -1.00 0.16	15.07 -0.99 1.38	14.32 -1.20 0.87	12.97 -1.20 2.53	15.99 -1.61 5.28	9.38 -1.46 8.76	11.55 -1.66 7.81	21.74 -2.17 0.74	19.35 -1.64 0.00	17.49 -1.05 0.00	16.11 -0.85 0.00	15.50 -0.60 0.00
NINE_MILE_1 23575	17.94 -0.38 -0.04	15.88 -0.36 -0.03	11.96 -0.27 -0.27	10.19 -0.22 -0.51	13.96 -0.31 -0.27	20.07 -0.42 0.00	20.52 -0.44 0.00	23.27 -0.50 0.00	23.21 -0.51 0.00	21.45 -0.49 0.00	20.31 -0.46 0.00	18.06 -0.42 0.00	15.82 -0.36 0.00	17.06 -0.39 0.00	16.01 -0.40 0.00	16.29 -0.40 0.00	22.33 -0.55 0.00	19.10 -0.50 0.00	20.48 -0.53 0.00	24.01 -0.64 0.00	20.47 -0.52 0.00	18.10 -0.43 0.00	16.58 -0.39 0.00	15.75 -0.35 0.00
NINE_MILE_2 23744	17.94 -0.37 -0.04	15.88 -0.35 -0.03	11.96 -0.27 -0.27	10.19 -0.22 -0.51	13.96 -0.31 -0.27	20.07 -0.42 0.00	20.52 -0.43 0.00	23.27 -0.49 0.00	23.21 -0.51 0.00	21.45 -0.49 0.00	20.31 -0.46 0.00	18.06 -0.42 0.00	15.82 -0.36 0.00	17.06 -0.39 0.00	16.01 -0.39 0.00	16.30 -0.40 0.00	22.33 -0.55 0.00	19.10 -0.49 0.00	20.49 -0.53 0.00	24.01 -0.64 0.00	20.47 -0.52 0.00	18.10 -0.43 0.00	16.58 -0.39 0.00	15.76 -0.35 0.00
NM_CAPITAL____DRP 24208	19.87 0.74 -0.86	17.37 0.68 -0.48	17.78 0.52 -5.31	20.14 0.46 -9.77	19.86 0.64 -5.22	21.30 0.81 0.00	21.69 0.73 0.00	24.47 0.70 0.00	24.33 0.61 0.00	22.56 0.63 0.00	21.44 0.67 0.00	19.08 0.60 0.00	16.64 0.46 0.00	17.98 0.54 0.00	16.96 0.56 0.00	17.27 0.58 0.00	23.50 0.62 0.00	20.12 0.52 0.00	21.67 0.65 0.00	25.43 0.78 0.00	21.65 0.66 0.00	19.02 0.49 0.00	17.45 0.49 0.00	16.65 0.55 0.00
NM_CENTRAL____DRP 24181	18.33 -0.01 -0.06	16.21 -0.04 -0.04	12.30 -0.04 -0.39	10.59 -0.03 -0.72	14.34 -0.04 -0.38	20.48 -0.01 0.00	20.95 0.00 0.00	23.77 0.01 0.00	23.71 -0.01 0.00	21.91 -0.02 0.00	20.76 -0.01 0.00	18.45 -0.02 0.00	16.16 -0.02 0.00	17.44 -0.01 0.00	16.37 -0.04 0.00	16.65 -0.05 0.00	22.80 -0.07 0.00	19.49 -0.10 0.00	20.90 -0.12 0.00	24.50 -0.15 0.00	20.88 -0.11 0.00	18.48 -0.05 0.00	16.91 -0.05 0.00	16.08 -0.03 0.00
NM_FRONTIER____DRP 24179	17.77 -0.61 -0.10	15.75 -0.52 -0.06	12.20 -0.40 -0.65	10.74 -0.37 -1.20	14.12 -0.52 -0.64	20.03 -0.46 0.00	20.10 -0.85 0.00	22.62 -1.14 0.00	22.48 -1.23 0.00	20.67 -1.27 0.00	19.52 -1.25 0.00	16.84 -1.21 0.43	14.95 -1.07 0.16	14.89 -1.12 1.44	14.16 -1.33 0.91	12.75 -1.32 2.63	15.72 -1.67 5.49	9.10 -1.56 8.94	11.16 -1.75 8.11	21.58 -2.30 0.77	19.24 -1.75 0.00	17.41 -1.13 0.00	16.05 -0.92 0.00	15.45 -0.65 0.00
NM_ST_REGIS____HYD 24053	17.70 -0.57 0.00	15.64 -0.56 0.00	11.55 -0.40 0.00	9.61 -0.30 0.00	13.60 -0.40 0.00	19.96 -0.53 0.00	20.60 -0.36 0.00	23.60 -0.16 0.00	23.68 -0.04 0.00	21.85 -0.08 0.00	20.57 -0.20 0.00	18.32 -0.16 0.00	16.14 -0.04 0.00	17.27 -0.17 0.00	16.03 -0.37 0.00	16.23 -0.47 0.00	22.39 -0.49 0.00	19.34 -0.26 0.00	20.75 -0.27 0.00	24.38 -0.27 0.00	20.76 -0.23 0.00	18.47 -0.06 0.00	16.88 -0.09 0.00	15.98 -0.12 0.00
NORTHPORT____1 23551	44.52 1.59 -24.65	45.93 1.46 -28.27	19.46 1.07 -6.44	19.30 0.84 -8.55	32.89 1.18 -17.70	39.08 1.62 -16.97	29.56 1.69 -6.91	25.66 1.90 0.00	27.78 1.76 -2.31	23.47 1.54 0.00	22.43 1.60 -0.05	20.27 1.44 -0.35	17.28 1.10 0.00	18.60 1.16 0.00	17.55 1.14 0.00	17.88 1.18 0.00	24.49 1.61 0.00	20.97 1.37 0.00	22.51 1.50 0.00	26.46 1.81 0.00	22.53 1.54 0.00	20.63 1.40 -0.70	19.27 1.38 -0.93	51.96 1.45 -34.41
NORTHPORT____2 23552	44.51 1.58 -24.65	45.92 1.45 -28.27	19.45 1.06 -6.44	19.29 0.83 -8.55	32.88 1.17 -17.70	39.04 1.57 -16.97	29.53 1.67 -6.91	25.62 1.86 0.00	27.77 1.75 -2.31	23.47 1.54 0.00	22.44 1.62 -0.05	20.29 1.46 -0.35	17.29 1.11 0.00	18.62 1.17 0.00	17.57 1.16 0.00	17.92 1.23 0.00	24.50 1.63 0.00	20.95 1.36 0.00	22.48 1.46 0.00	26.40 1.76 0.00	22.49 1.50 0.00	20.60 1.37 -0.70	19.26 1.36 -0.93	51.95 1.44 -34.41
NORTHPORT____3 23553	44.41 1.48 -24.65	45.79 1.35 -28.23	19.38 0.99 -6.43	19.23 0.78 -8.55	32.78 1.09 -17.68	38.92 1.48 -16.95	29.42 1.56 -6.91	25.51 1.75 0.00	27.63 1.62 -2.31	23.36 1.43 0.00	22.34 1.52 -0.05	20.20 1.37 -0.35	17.22 1.04 0.00	18.55 1.11 0.00	17.50 1.10 0.00	18.01 1.07 -0.25	24.45 1.57 0.00	20.92 1.32 0.00	22.45 1.43 0.00	26.36 1.71 0.00	22.45 1.46 0.00	20.54 1.31 -0.70	19.19 1.29 -0.93	51.87 1.35 -34.41
NORTHPORT____4 23650	44.41 1.48 -24.65	45.79 1.35 -28.23	19.38 0.99 -6.43	19.23 0.78 -8.55	32.78 1.09 -17.68	38.92 1.48 -16.95	29.42 1.56 -6.91	25.51 1.75 0.00	27.63 1.62 -2.31	23.36 1.43 0.00	22.34 1.52 -0.05	20.20 1.37 -0.35	17.22 1.04 0.00	18.55 1.11 0.00	17.50 1.10 0.00	18.01 1.07 -0.25	24.45 1.57 0.00	20.92 1.32 0.00	22.45 1.43 0.00	26.36 1.71 0.00	22.45 1.46 0.00	20.54 1.31 -0.70	19.19 1.29 -0.93	51.87 1.35 -34.41
NORTHPORT____IC 23718	44.52 1.59 -24.65	45.93 1.46 -28.27	19.46 1.07 -6.44	19.30 0.84 -8.55	32.89 1.18 -17.70	39.08 1.62 -16.97	29.56 1.69 -6.91	25.66 1.90 0.00	27.78 1.76 -2.31	23.47 1.54 0.00	22.43 1.60 -0.05	20.27 1.44 -0.35	17.28 1.10 0.00	18.60 1.16 0.00	17.55 1.14 0.00	17.88 1.18 0.00	24.49 1.61 0.00	20.97 1.37 0.00	22.51 1.50 0.00	26.46 1.81 0.00	22.53 1.54 0.00	20.63 1.40 -0.70	19.27 1.38 -0.93	51.96 1.45 -34.41

NORTH__COUNTRY_ESR 323785	17.38 -0.90 0.00	15.42 -0.78 0.00	11.48 -0.47 0.00	9.56 -0.35 0.00	13.55 -0.45 0.00	19.98 -0.51 0.00	20.75 -0.20 0.00	23.87 0.11 0.00	24.01 0.30 0.00	22.00 0.07 0.00	20.94 0.17 0.00	18.57 0.09 0.00	16.28 0.09 0.00	17.37 -0.07 0.00	16.28 -0.12 0.00	16.53 -0.17 0.00	22.75 -0.12 0.00	19.95 0.35 0.00	21.46 0.44 0.00	25.13 0.48 0.00	21.30 0.31 0.00	18.78 0.25 0.00	17.14 0.17 0.00	16.23 0.12 0.00
NPX_GEN_1385_PROXY 323591	44.55 1.62 -24.65	45.95 1.48 -28.27	19.47 1.09 -6.44	19.30 0.84 -8.55	32.90 1.19 -17.70	39.06 1.60 -16.97	29.57 1.71 -6.91	25.67 1.91 0.00	27.82 1.80 -2.31	23.52 1.58 0.00	22.48 1.66 -0.05	20.32 1.50 -0.35	17.32 1.14 0.00	18.66 1.21 0.00	17.60 1.20 0.00	17.95 1.26 0.00	24.55 1.67 0.00	20.99 1.39 0.00	22.51 1.50 0.00	26.45 1.80 0.00	22.53 1.54 0.00	20.64 1.40 -0.70	19.46 1.39 -1.10	51.98 1.47 -34.41
NPX_GEN_CSC 323557	44.53 1.60 -24.65	45.97 1.54 -28.22	19.53 1.14 -6.43	19.36 0.91 -8.55	32.93 1.26 -17.67	39.20 1.78 -16.93	29.66 1.80 -6.91	25.75 1.98 0.00	27.69 1.67 -2.31	23.30 1.36 0.00	22.18 1.36 -0.05	20.03 1.20 -0.35	17.04 0.86 0.00	18.34 0.90 0.00	17.20 0.81 0.01	14.64 0.74 2.80	23.97 1.09 0.00	20.60 1.00 0.00	22.31 1.29 0.00	26.37 1.72 0.00	22.46 1.47 0.00	20.57 1.34 -0.70	19.34 1.27 -1.10	51.86 1.34 -34.41
NSINS_S_GLNS_FALLS 23858	20.37 1.20 -0.89	17.73 1.02 -0.50	18.25 0.77 -5.53	20.70 0.60 -10.19	20.34 0.89 -5.44	21.78 1.29 0.00	22.28 1.32 0.00	25.10 1.34 0.00	24.89 1.18 0.00	23.03 1.09 0.00	21.91 1.14 0.00	19.56 1.09 0.00	17.10 0.92 0.00	18.63 1.18 0.00	17.65 1.24 0.00	17.94 1.24 0.00	24.42 1.55 0.00	20.83 1.23 0.00	22.48 1.46 0.00	26.28 1.63 0.00	22.35 1.36 0.00	19.67 1.14 0.00	17.97 1.00 0.00	17.06 0.96 0.00
NUCOR_STEEL__DRP 24197	18.59 0.23 -0.08	16.43 0.17 -0.05	12.60 0.12 -0.52	10.96 0.09 -0.96	14.66 0.14 -0.51	20.78 0.29 0.00	21.26 0.30 0.00	24.12 0.35 0.00	24.02 0.31 0.00	22.18 0.25 0.00	21.01 0.24 0.00	18.66 0.19 0.00	16.34 0.16 0.00	17.63 0.18 0.00	16.57 0.16 0.00	16.87 0.18 0.00	23.10 0.22 0.00	19.75 0.15 0.00	21.17 0.15 0.00	24.83 0.18 0.00	21.19 0.19 0.00	18.74 0.21 0.00	17.15 0.19 0.00	16.30 0.20 0.00
NUMBER_THREE_WT_PWR 323818	18.41 0.11 -0.03	15.88 -0.34 -0.02	11.76 -0.35 -0.16	9.93 -0.27 -0.30	13.82 -0.34 -0.16	20.01 -0.48 0.00	20.95 -0.01 0.00	24.26 0.49 0.00	24.23 0.52 0.00	22.26 0.32 0.00	20.43 -0.33 0.00	18.44 -0.03 0.00	16.52 0.33 0.00	17.84 0.39 0.00	16.33 -0.07 0.00	16.37 -0.33 0.00	22.78 -0.10 0.00	19.75 0.15 0.00	21.25 0.23 0.00	25.00 0.35 0.00	20.99 -0.01 0.00	18.36 -0.17 0.00	16.70 -0.27 0.00	15.85 -0.25 0.00
NYISO_LBMP_REFERENCE 24008	18.28 0.00 0.00	16.20 0.00 0.00	11.95 0.00 0.00	9.90 0.00 0.00	14.00 0.00 0.00	20.48 0.00 0.00	20.96 0.00 0.00	23.76 0.00 0.00	23.71 0.00 0.00	21.93 0.00 0.00	20.77 0.00 0.00	18.48 0.00 0.00	16.18 0.00 0.00	17.45 0.00 0.00	16.40 0.00 0.00	16.70 0.00 0.00	22.88 0.00 0.00	19.60 0.00 0.00	21.02 0.00 0.00	24.65 0.00 0.00	20.99 0.00 0.00	18.53 0.00 0.00	16.97 0.00 0.00	16.10 0.00 0.00
NYPA_BRENTWD__GT 24164	44.69 1.77 -24.65	45.98 1.61 -28.16	19.56 1.18 -6.43	19.39 0.94 -8.55	32.95 1.31 -17.63	39.19 1.82 -16.88	29.78 1.92 -6.91	25.91 2.15 0.00	28.00 1.99 -2.31	23.65 1.72 0.00	22.59 1.77 -0.05	20.41 1.58 -0.35	17.38 1.20 0.00	18.67 1.23 0.00	17.65 1.25 0.00	17.39 1.28 0.58	24.66 1.78 0.00	21.13 1.53 0.00	22.72 1.70 0.00	26.72 2.07 0.00	22.77 1.77 0.00	20.83 1.60 -0.70	19.44 1.55 -0.93	52.12 1.61 -34.41
NYPA_GOWANUS__GT5 24156	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
NYPA_GOWANUS__GT6 24157	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.48 0.68 -7.89	19.16 0.94 -4.21	21.76 1.27 0.00	22.33 1.38 0.00	25.34 1.58 0.00	25.20 1.50 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.87 1.40 0.00	17.30 1.11 0.00	18.65 1.21 0.00	17.61 1.21 0.00	18.01 1.31 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.54 1.89 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00
NYPA_HARLEM_RVR_GT1 24160	20.25 1.28 -0.69	17.81 1.21 -0.39	17.09 0.85 -4.28	18.48 0.68 -7.89	19.15 0.93 -4.21	21.71 1.23 0.00	22.30 1.35 0.00	25.31 1.55 0.00	25.17 1.46 0.00	23.30 1.37 0.00	22.20 1.43 0.00	19.80 1.32 0.00	17.22 1.04 0.00	18.58 1.14 0.00	17.53 1.13 0.00	17.92 1.22 0.00	24.57 1.70 0.00	21.06 1.46 0.00	22.61 1.59 0.00	26.42 1.77 0.00	22.47 1.48 0.00	19.77 1.24 0.00	18.18 1.22 0.00	17.32 1.21 0.00
NYPA_HARLEM_RVR_GT2 24161	20.25 1.28 -0.69	17.81 1.21 -0.39	17.09 0.85 -4.28	18.48 0.68 -7.89	19.15 0.93 -4.21	21.71 1.23 0.00	22.30 1.35 0.00	25.31 1.55 0.00	25.17 1.46 0.00	23.30 1.37 0.00	22.20 1.43 0.00	19.80 1.32 0.00	17.22 1.04 0.00	18.58 1.14 0.00	17.53 1.13 0.00	17.92 1.22 0.00	24.57 1.70 0.00	21.06 1.46 0.00	22.61 1.59 0.00	26.42 1.77 0.00	22.47 1.48 0.00	19.77 1.24 0.00	18.18 1.22 0.00	17.32 1.21 0.00
NYPA_KENT__GT 24152	20.26 1.29 -0.69	17.78 1.19 -0.39	17.08 0.84 -4.28	18.47 0.67 -7.89	19.15 0.93 -4.21	21.73 1.24 0.00	22.31 1.35 0.00	25.30 1.54 0.00	25.17 1.46 0.00	23.33 1.40 0.00	22.27 1.50 0.00	19.86 1.38 0.00	17.28 1.10 0.00	18.64 1.20 0.00	17.60 1.20 0.00	17.99 1.30 0.00	24.67 1.79 0.00	21.14 1.54 0.00	22.70 1.68 0.00	26.50 1.85 0.00	22.55 1.56 0.00	19.83 1.30 0.00	18.23 1.27 0.00	17.34 1.24 0.00
NYPA_POUCH1__GT 24155	20.34 1.37 -0.69	17.84 1.24 -0.39	17.12 0.88 -4.28	18.50 0.71 -7.89	19.20 0.98 -4.21	21.82 1.34 0.00	22.39 1.44 0.00	25.37 1.60 0.00	25.20 1.49 0.00	23.33 1.39 0.00	22.24 1.47 0.00	19.83 1.35 0.00	17.24 1.06 0.00	18.60 1.15 0.00	17.56 1.15 0.00	17.95 1.26 0.00	24.64 1.76 0.00	21.12 1.53 0.00	22.70 1.68 0.00	26.55 1.90 0.00	22.58 1.59 0.00	19.86 1.32 0.00	18.28 1.31 0.00	17.40 1.29 0.00
NYPA_VERNON__GT2 24162	20.23 1.26 -0.69	17.76 1.17 -0.39	17.07 0.83 -4.28	18.46 0.66 -7.89	19.14 0.92 -4.21	21.70 1.21 0.00	22.27 1.32 0.00	25.27 1.51 0.00	25.14 1.43 0.00	23.31 1.37 0.00	22.25 1.48 0.00	19.84 1.37 0.00	17.28 1.09 0.00	18.63 1.18 0.00	17.59 1.19 0.00	17.98 1.28 0.00	24.64 1.76 0.00	21.12 1.52 0.00	22.67 1.65 0.00	26.47 1.82 0.00	22.52 1.53 0.00	19.80 1.27 0.00	18.21 1.24 0.00	17.32 1.22 0.00

NYPA_VERNON____GT3 24163	20.23 1.26 -0.69	17.76 1.17 -0.39	17.07 0.83 -4.28	18.46 0.66 -7.89	19.14 0.92 -4.21	21.70 1.21 0.00	22.27 1.32 0.00	25.27 1.51 0.00	25.14 1.43 0.00	23.31 1.37 0.00	22.25 1.48 0.00	19.84 1.37 0.00	17.28 1.09 0.00	18.63 1.18 0.00	17.59 1.19 0.00	17.98 1.28 0.00	24.64 1.76 0.00	21.12 1.52 0.00	22.67 1.65 0.00	26.47 1.82 0.00	22.52 1.53 0.00	19.80 1.27 0.00	18.21 1.24 0.00	17.32 1.22 0.00
NYPA____ASTORIA_CC1 323568	20.20 1.23 -0.69	17.74 1.15 -0.39	17.06 0.82 -4.28	18.45 0.66 -7.89	19.12 0.90 -4.21	21.67 1.18 0.00	22.24 1.29 0.00	25.23 1.47 0.00	25.11 1.39 0.00	23.26 1.33 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.25 1.07 0.00	18.60 1.15 0.00	17.57 1.16 0.00	17.95 1.25 0.00	24.60 1.73 0.00	21.08 1.49 0.00	22.63 1.62 0.00	26.43 1.78 0.00	22.49 1.50 0.00	19.78 1.24 0.00	18.19 1.22 0.00	17.31 1.20 0.00
NYPA____ASTORIA_CC2 323569	20.20 1.23 -0.69	17.74 1.15 -0.39	17.06 0.82 -4.28	18.45 0.66 -7.89	19.12 0.90 -4.21	21.67 1.18 0.00	22.24 1.29 0.00	25.23 1.47 0.00	25.11 1.39 0.00	23.26 1.33 0.00	22.21 1.44 0.00	19.81 1.33 0.00	17.25 1.07 0.00	18.60 1.15 0.00	17.57 1.16 0.00	17.95 1.25 0.00	24.60 1.73 0.00	21.08 1.49 0.00	22.63 1.62 0.00	26.43 1.78 0.00	22.49 1.50 0.00	19.78 1.24 0.00	18.19 1.22 0.00	17.31 1.20 0.00
NYPA____HOLTSVILL 23794	44.60 1.67 -24.65	45.98 1.55 -28.22	19.53 1.15 -6.43	19.35 0.90 -8.55	32.94 1.26 -17.67	39.17 1.75 -16.93	29.68 1.82 -6.91	25.79 2.02 0.00	27.82 1.80 -2.31	23.45 1.52 0.00	22.36 1.54 -0.05	20.19 1.36 -0.35	17.18 1.00 0.00	18.49 1.05 0.00	17.39 1.00 0.01	14.95 1.01 2.76	24.30 1.42 0.00	20.84 1.24 0.00	22.45 1.43 0.00	26.44 1.79 0.00	22.52 1.53 0.00	20.62 1.39 -0.70	19.26 1.36 -0.93	51.99 1.48 -34.41
NYPA____HELLGATE_GT1 24158	20.25 1.28 -0.69	17.81 1.21 -0.39	17.09 0.85 -4.28	18.48 0.68 -7.89	19.15 0.93 -4.21	21.71 1.23 0.00	22.30 1.35 0.00	25.31 1.55 0.00	25.17 1.46 0.00	23.30 1.37 0.00	22.20 1.43 0.00	19.80 1.32 0.00	17.22 1.04 0.00	18.58 1.14 0.00	17.53 1.13 0.00	17.92 1.22 0.00	24.57 1.70 0.00	21.06 1.46 0.00	22.61 1.59 0.00	26.42 1.77 0.00	22.47 1.48 0.00	19.77 1.24 0.00	18.18 1.22 0.00	17.32 1.21 0.00
NYPA____HELLGATE_GT2 24159	20.25 1.28 -0.69	17.81 1.21 -0.39	17.09 0.85 -4.28	18.48 0.68 -7.89	19.15 0.93 -4.21	21.71 1.23 0.00	22.30 1.35 0.00	25.31 1.55 0.00	25.17 1.46 0.00	23.30 1.37 0.00	22.20 1.43 0.00	19.80 1.32 0.00	17.22 1.04 0.00	18.58 1.14 0.00	17.53 1.13 0.00	17.92 1.22 0.00	24.57 1.70 0.00	21.06 1.46 0.00	22.61 1.59 0.00	26.42 1.77 0.00	22.47 1.48 0.00	19.77 1.24 0.00	18.18 1.22 0.00	17.32 1.21 0.00
NYS_BARGE____HYD 23848	17.93 -0.46 -0.10	15.88 -0.39 -0.06	12.27 -0.32 -0.64	10.79 -0.31 -1.19	14.20 -0.44 -0.63	20.22 -0.26 0.00	20.31 -0.64 0.00	22.86 -0.90 0.00	22.76 -0.94 0.00	20.93 -1.00 0.00	19.79 -0.98 0.00	17.13 -0.93 0.41	15.21 -0.81 0.15	15.34 -0.72 1.39	14.55 -0.97 0.88	13.19 -0.99 2.52	16.25 -1.36 5.27	9.75 -1.22 8.63	11.83 -1.40 7.78	22.04 -1.88 0.74	19.62 -1.37 0.00	17.73 -0.80 0.00	16.32 -0.64 0.00	15.70 -0.40 0.00
OAK ORCHARD____HYD 24046	18.36 0.00 -0.08	16.24 -0.01 -0.05	12.44 -0.02 -0.51	10.80 -0.05 -0.95	14.45 -0.06 -0.51	20.60 0.12 0.00	20.92 -0.03 0.00	23.64 -0.13 0.00	23.53 -0.18 0.00	21.70 -0.24 0.00	20.51 -0.26 0.00	18.15 -0.25 0.07	15.94 -0.22 0.03	16.99 -0.20 0.25	15.86 -0.38 0.16	15.81 -0.43 0.46	21.90 -0.54 0.44	17.42 -0.59 1.59	18.93 -0.67 1.42	23.70 -0.82 0.13	20.44 -0.56 0.00	18.28 -0.25 0.00	16.76 -0.21 0.00	16.02 -0.09 0.00
OAKDALE____35_KV_LOAD 356122	18.83 0.33 -0.23	16.59 0.26 -0.13	13.54 0.19 -1.40	12.64 0.16 -2.57	15.60 0.22 -1.38	20.86 0.38 0.00	21.36 0.40 0.00	24.27 0.50 0.00	24.17 0.46 0.00	22.32 0.38 0.00	21.21 0.43 0.00	18.91 0.33 -0.10	16.48 0.26 -0.04	18.07 0.28 -0.34	16.87 0.25 -0.22	17.64 0.30 -0.64	24.57 0.40 -1.29	22.10 0.28 -2.22	23.27 0.29 -1.96	25.14 0.30 -0.18	21.26 0.27 0.00	18.81 0.28 0.00	17.27 0.30 0.00	16.44 0.33 0.00
OCC_CHEM____DRP 24175	17.80 -0.58 -0.11	15.78 -0.49 -0.06	12.23 -0.38 -0.66	10.76 -0.35 -1.21	14.15 -0.50 -0.64	20.06 -0.43 0.00	20.14 -0.82 0.00	22.66 -1.11 0.00	22.52 -1.19 0.00	20.70 -1.23 0.00	19.55 -1.22 0.00	16.87 -1.18 0.43	14.98 -1.04 0.16	14.92 -1.09 1.44	14.19 -1.30 0.92	12.76 -1.29 2.65	15.71 -1.64 5.52	9.10 -1.54 8.96	11.14 -1.72 8.16	21.62 -2.26 0.77	19.28 -1.72 0.00	17.44 -1.09 0.00	16.08 -0.89 0.00	15.48 -0.62 0.00
OH_GEN_PROXY 24063	17.98 -0.40 -0.10	15.92 -0.34 -0.06	12.33 -0.27 -0.64	10.84 -0.25 -1.18	14.28 -0.36 -0.63	20.25 -0.24 0.00	20.37 -0.58 0.00	38.05 -0.83 -15.12	22.82 -0.89 0.00	21.00 -0.93 0.00	19.83 -0.94 0.00	17.18 -0.92 0.37	15.21 -0.83 0.14	15.35 -0.85 1.24	14.56 -1.06 0.78	13.32 -1.10 2.28	29.52 -1.43 -8.07	10.30 -1.36 7.94	12.42 -1.54 7.05	22.05 -1.94 0.66	19.53 -1.46 0.00	17.63 -0.90 0.00	16.41 -0.72 -0.17	15.64 -0.47 0.00
OLIN_CORP_DRP 24177	17.62 -0.76 -0.11	15.62 -0.64 -0.06	12.09 -0.53 -0.66	10.64 -0.48 -1.22	13.98 -0.68 -0.65	19.88 -0.61 0.00	19.95 -1.00 0.00	22.47 -1.29 0.00	22.36 -1.35 0.00	20.55 -1.38 0.00	19.42 -1.35 0.00	16.78 -1.26 0.43	14.92 -1.09 0.16	14.99 -1.01 1.45	14.25 -1.24 0.92	12.78 -1.28 2.63	15.56 -1.78 5.55	9.03 -1.54 9.03	11.15 -1.75 8.12	21.56 -2.31 0.78	19.25 -1.74 0.00	17.42 -1.12 0.00	16.05 -0.92 0.00	15.46 -0.65 0.00
OLIN_CORP_DSASP 323712	17.81 -0.57 -0.11	15.78 -0.49 -0.06	12.23 -0.37 -0.66	10.76 -0.35 -1.21	14.15 -0.50 -0.64	20.07 -0.42 0.00	20.14 -0.81 0.00	22.62 -1.14 0.00	22.51 -1.20 0.00	20.70 -1.23 0.00	19.55 -1.22 0.00	16.87 -1.17 0.43	14.98 -1.04 0.16	14.92 -1.09 1.44	14.20 -1.29 0.92	12.79 -1.26 2.65	15.75 -1.61 5.52	9.14 -1.50 8.96	11.16 -1.70 8.16	21.64 -2.24 0.77	19.28 -1.71 0.00	17.44 -1.09 0.00	16.08 -0.89 0.00	15.48 -0.62 0.00
ONEIDA_HERK_LFGE 323681	18.58 0.28 -0.02	16.27 0.05 -0.01	12.09 -0.01 -0.15	10.19 0.01 -0.27	14.18 0.03 -0.14	20.57 0.08 0.00	21.24 0.29 0.00	24.29 0.53 0.00	24.26 0.55 0.00	22.35 0.42 0.00	20.94 0.16 0.00	18.71 0.23 0.00	16.54 0.36 0.00	17.86 0.41 0.00	16.62 0.21 0.00	16.81 0.11 0.00	23.16 0.28 0.00	19.93 0.33 0.00	21.40 0.38 0.00	25.14 0.49 0.00	21.29 0.30 0.00	18.72 0.19 0.00	17.08 0.11 0.00	16.21 0.10 0.00
ONEIDA____115KV_TB4 55905	18.76 0.44 -0.04	16.54 0.31 -0.02	12.43 0.22 -0.26	10.59 0.20 -0.48	14.54 0.28 -0.26	20.94 0.46 0.00	21.49 0.54 0.00	24.42 0.66 0.00	24.37 0.66 0.00	22.47 0.54 0.00	21.32 0.55 0.00	18.94 0.46 0.00	16.60 0.42 0.00	17.95 0.50 0.00	16.85 0.45 0.00	17.12 0.42 0.00	23.46 0.58 0.00	20.08 0.48 0.00	21.54 0.52 0.00	25.30 0.65 0.00	21.54 0.55 0.00	18.99 0.46 0.00	17.36 0.39 0.00	16.47 0.37 0.00

ONONDAGA_REF_OCCRA 23987	18.45 0.10 -0.08	16.31 0.06 -0.04	12.46 0.04 -0.48	10.81 0.02 -0.88	14.51 0.03 -0.47	20.60 0.11 0.00	21.09 0.13 0.00	23.92 0.16 0.00	23.85 0.14 0.00	22.03 0.10 0.00	20.88 0.11 0.00	18.56 0.08 0.00	16.25 0.07 0.00	17.53 0.08 0.00	16.46 0.06 0.00	16.76 0.07 0.00	22.95 0.08 0.00	19.63 0.03 0.00	21.05 0.04 0.00	24.67 0.02 0.00	21.03 0.04 0.00	18.60 0.07 0.00	17.03 0.06 0.00	16.18 0.08 0.00
ONONDAGA___COGEN 23986	18.42 0.07 -0.07	16.29 0.04 -0.04	12.41 0.03 -0.44	10.73 0.02 -0.81	14.45 0.02 -0.43	20.58 0.09 0.00	21.06 0.11 0.00	23.88 0.12 0.00	23.81 0.09 0.00	22.00 0.07 0.00	20.84 0.07 0.00	18.52 0.04 0.00	16.22 0.04 0.00	17.50 0.05 0.00	16.43 0.03 0.00	16.73 0.03 0.00	22.91 0.03 0.00	19.59 -0.01 0.00	21.01 -0.01 0.00	24.62 -0.03 0.00	20.99 0.00 0.00	18.57 0.03 0.00	16.99 0.03 0.00	16.15 0.04 0.00
ONTARIO___LFGE 23819	18.40 0.05 -0.08	16.26 0.01 -0.04	12.43 0.00 -0.48	10.78 -0.01 -0.88	14.48 0.00 -0.47	20.63 0.14 0.00	21.06 0.10 0.00	23.85 0.09 0.00	23.76 0.04 0.00	21.92 -0.01 0.00	20.74 -0.03 0.00	18.41 -0.07 0.00	16.13 -0.05 0.00	17.44 0.00 0.00	16.30 -0.11 0.00	16.58 -0.12 0.00	22.72 -0.16 0.00	19.39 -0.20 0.01	20.76 -0.26 0.00	24.32 -0.33 0.00	20.80 -0.19 0.00	18.49 -0.04 0.00	16.93 -0.04 0.00	16.12 0.02 0.00
ORANGEVILLE_WT_PWR 323706	18.23 -0.18 -0.13	16.05 -0.23 -0.07	12.55 -0.22 -0.81	11.19 -0.22 -1.50	14.50 -0.31 -0.80	20.32 -0.16 0.00	20.63 -0.32 0.00	23.39 -0.38 0.00	23.40 -0.31 0.00	21.53 -0.40 0.00	20.39 -0.38 0.00	16.30 -0.48 1.69	15.05 -0.49 0.64	11.32 -0.46 5.67	12.25 -0.56 3.59	5.79 -0.52 10.38	-0.09 -0.69 22.27	-16.92 -0.68 35.83	-12.04 -0.85 32.21	20.50 -1.11 3.04	20.27 -0.72 0.00	18.20 -0.33 0.00	16.75 -0.22 0.00	15.97 -0.13 0.00
ORANGEVILLE___ESR 323794	18.23 -0.18 -0.13	16.05 -0.23 -0.07	12.55 -0.22 -0.81	11.19 -0.22 -1.50	14.50 -0.31 -0.80	20.32 -0.16 0.00	20.63 -0.32 0.00	23.39 -0.38 0.00	23.40 -0.31 0.00	21.53 -0.40 0.00	20.39 -0.38 0.00	16.30 -0.48 1.69	15.05 -0.49 0.64	11.32 -0.46 5.67	12.25 -0.56 3.59	5.79 -0.52 10.38	-0.09 -0.69 22.27	-16.92 -0.68 35.83	-12.04 -0.85 32.21	20.50 -1.11 3.04	20.27 -0.72 0.00	18.20 -0.33 0.00	16.75 -0.22 0.00	15.97 -0.13 0.00
OSWEGATCHIE___HYD 24044	18.05 -0.24 -0.02	15.76 -0.45 -0.01	11.69 -0.38 -0.12	9.82 -0.30 -0.22	13.73 -0.39 -0.12	19.95 -0.54 0.00	20.72 -0.23 0.00	23.83 0.07 0.00	23.83 0.12 0.00	21.96 0.03 0.00	20.41 -0.37 0.00	18.30 -0.17 0.00	16.26 0.08 0.00	17.47 0.02 0.00	16.08 -0.33 0.00	16.19 -0.51 0.00	22.43 -0.45 0.00	19.36 -0.24 0.00	20.79 -0.23 0.00	24.48 -0.16 0.00	20.73 -0.26 0.00	18.35 -0.19 0.00	16.73 -0.24 0.00	15.85 -0.25 0.00
OSWEGO___5 23606	18.08 -0.24 -0.05	15.99 -0.24 -0.03	12.08 -0.18 -0.32	10.33 -0.15 -0.58	14.09 -0.22 -0.31	20.22 -0.27 0.00	20.67 -0.29 0.00	23.44 -0.32 0.00	23.37 -0.34 0.00	21.60 -0.33 0.00	20.46 -0.31 0.00	18.18 -0.29 0.00	15.93 -0.25 0.00	17.18 -0.26 0.00	16.13 -0.28 0.00	16.42 -0.28 0.00	22.49 -0.39 0.00	19.24 -0.36 0.00	20.63 -0.39 0.00	24.18 -0.47 0.00	20.61 -0.38 0.00	18.23 -0.30 0.00	16.70 -0.27 0.00	15.87 -0.24 0.00
OSWEGO___6 23613	18.08 -0.24 -0.05	15.99 -0.24 -0.03	12.08 -0.18 -0.32	10.33 -0.15 -0.58	14.09 -0.22 -0.31	20.22 -0.27 0.00	20.67 -0.29 0.00	23.44 -0.32 0.00	23.37 -0.34 0.00	21.60 -0.33 0.00	20.46 -0.31 0.00	18.18 -0.29 0.00	15.93 -0.25 0.00	17.18 -0.26 0.00	16.13 -0.28 0.00	16.42 -0.28 0.00	22.49 -0.39 0.00	19.24 -0.36 0.00	20.63 -0.39 0.00	24.18 -0.47 0.00	20.61 -0.38 0.00	18.23 -0.30 0.00	16.70 -0.27 0.00	15.87 -0.24 0.00
OUTOKUMPU-AB___DRP 24206	18.17 -0.21 -0.11	16.09 -0.18 -0.06	12.46 -0.16 -0.67	10.97 -0.17 -1.24	14.42 -0.24 -0.66	20.47 -0.02 0.00	20.57 -0.39 0.00	23.15 -0.61 0.00	23.03 -0.67 0.00	21.18 -0.75 0.00	20.03 -0.74 0.00	17.26 -0.75 0.47	15.35 -0.66 0.18	15.28 -0.60 1.56	14.58 -0.84 0.99	12.99 -0.85 2.85	15.87 -1.07 5.94	8.95 -1.02 9.63	11.06 -1.19 8.77	22.22 -1.60 0.83	19.85 -1.14 0.00	17.93 -0.60 0.00	16.51 -0.46 0.00	15.87 -0.24 0.00
OXBOW___ 24026	18.04 -0.34 -0.11	15.97 -0.29 -0.06	12.37 -0.24 -0.66	10.89 -0.23 -1.22	14.32 -0.33 -0.65	20.32 -0.16 0.00	20.41 -0.55 0.00	22.94 -0.82 0.00	22.83 -0.88 0.00	21.00 -0.93 0.00	19.85 -0.92 0.00	17.12 -0.91 0.45	15.20 -0.81 0.17	15.15 -0.79 1.50	14.43 -1.02 0.95	12.95 -0.99 2.75	15.88 -1.26 5.73	9.11 -1.19 9.30	11.17 -1.38 8.47	22.00 -1.85 0.80	19.62 -1.37 0.00	17.73 -0.80 0.00	16.34 -0.63 0.00	15.72 -0.39 0.00
OXY_CHEM_DSASP 323612	17.80 -0.58 -0.11	15.78 -0.49 -0.06	12.23 -0.38 -0.66	10.76 -0.35 -1.21	14.15 -0.50 -0.64	20.06 -0.43 0.00	20.14 -0.82 0.00	22.66 -1.11 0.00	22.52 -1.19 0.00	20.70 -1.23 0.00	19.55 -1.22 0.00	16.87 -1.18 0.43	14.98 -1.04 0.16	14.92 -1.09 1.44	14.19 -1.30 0.92	12.76 -1.29 2.65	15.71 -1.64 5.52	9.10 -1.54 8.96	11.14 -1.72 8.16	21.62 -2.26 0.77	19.28 -1.72 0.00	17.44 -1.09 0.00	16.08 -0.89 0.00	15.48 -0.62 0.00
OZONE_PARK_ESR 323760	20.33 1.36 -0.69	17.84 1.24 -0.39	17.12 0.89 -4.28	18.50 0.71 -7.89	19.21 0.98 -4.21	21.81 1.33 0.00	22.39 1.44 0.00	25.41 1.65 0.00	25.28 1.57 0.00	23.43 1.50 0.00	22.36 1.59 0.00	19.94 1.47 0.00	17.35 1.17 0.00	18.72 1.27 0.00	17.67 1.27 0.00	18.08 1.38 0.00	24.79 1.91 0.00	21.25 1.65 0.00	22.82 1.80 0.00	26.64 1.99 0.00	22.67 1.68 0.00	19.93 1.39 0.00	18.32 1.35 0.00	17.42 1.31 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.80 -0.58 -0.11	15.78 -0.49 -0.06	12.23 -0.38 -0.66	10.76 -0.35 -1.21	14.15 -0.50 -0.64	20.06 -0.43 0.00	20.14 -0.82 0.00	22.66 -1.11 0.00	22.52 -1.19 0.00	20.70 -1.23 0.00	19.55 -1.22 0.00	16.87 -1.18 0.43	14.98 -1.04 0.16	14.92 -1.09 1.44	14.19 -1.30 0.92	12.76 -1.29 2.65	15.71 -1.64 5.52	9.10 -1.54 8.96	11.14 -1.72 8.16	21.62 -2.26 0.77	19.28 -1.72 0.00	17.44 -1.09 0.00	16.08 -0.89 0.00	15.48 -0.62 0.00
PACKARD__115KV_DUPONT_184 80571	17.80 -0.58 -0.11	15.78 -0.49 -0.06	12.23 -0.38 -0.66	10.76 -0.35 -1.21	14.15 -0.50 -0.64	20.06 -0.43 0.00	20.14 -0.82 0.00	22.66 -1.11 0.00	22.52 -1.19 0.00	20.70 -1.23 0.00	19.55 -1.22 0.00	16.87 -1.18 0.43	14.98 -1.04 0.16	14.92 -1.09 1.44	14.19 -1.30 0.92	12.76 -1.29 2.65	15.71 -1.64 5.52	9.10 -1.54 8.96	11.14 -1.72 8.16	21.62 -2.26 0.77	19.28 -1.72 0.00	17.44 -1.09 0.00	16.08 -0.89 0.00	15.48 -0.62 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.23 1.26 -0.69	17.77 1.18 -0.39	17.06 0.83 -4.28	18.46 0.67 -7.89	19.12 0.90 -4.21	21.69 1.20 0.00	22.26 1.31 0.00	25.23 1.46 0.00	25.10 1.39 0.00	23.25 1.31 0.00	22.16 1.39 0.00	19.76 1.28 0.00	17.20 1.01 0.00	18.55 1.11 0.00	17.51 1.11 0.00	17.90 1.21 0.00	24.54 1.67 0.00	21.04 1.44 0.00	22.58 1.56 0.00	26.39 1.75 0.00	22.45 1.46 0.00	19.75 1.22 0.00	18.14 1.18 0.00	17.27 1.16 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.21 1.24 -0.69	17.80 1.20 -0.39	17.09 0.86 -4.28	18.51 0.72 -7.89	19.16 0.94 -4.21	21.73 1.24 0.00	22.28 1.33 0.00	25.27 1.51 0.00	25.13 1.42 0.00	23.28 1.34 0.00	22.16 1.39 0.00	19.74 1.26 0.00	17.17 0.98 0.00	18.53 1.08 0.00	17.49 1.09 0.00	17.89 1.20 0.00	24.52 1.64 0.00	21.01 1.41 0.00	22.56 1.54 0.00	26.38 1.72 0.00	22.43 1.44 0.00	19.74 1.20 0.00	18.14 1.17 0.00	17.28 1.17 0.00
PATROON__115KV_TB1 80586	19.85 0.70 -0.87	17.35 0.66 -0.49	17.87 0.51 -5.41	20.34 0.48 -9.96	19.97 0.64 -5.32	21.30 0.81 0.00	21.67 0.71 0.00	24.46 0.70 0.00	24.32 0.61 0.00	22.55 0.62 0.00	21.43 0.66 0.00	19.04 0.56 0.00	16.59 0.42 0.00	17.93 0.48 0.00	16.93 0.53 0.00	17.25 0.56 0.00	23.48 0.60 0.00	20.11 0.51 0.00	21.64 0.62 0.00	25.37 0.72 0.00	21.61 0.62 0.00	18.98 0.45 0.00	17.41 0.45 0.00	16.62 0.52 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.48 0.08 -0.12	16.34 0.07 -0.07	12.68 0.00 -0.73	11.22 -0.03 -1.35	14.69 -0.04 -0.72	20.77 0.28 0.00	21.09 0.14 0.00	23.88 0.12 0.00	23.82 0.10 0.00	21.92 -0.02 0.00	20.72 -0.05 0.00	17.94 -0.12 0.42	15.90 -0.12 0.16	15.97 -0.08 1.39	15.21 -0.31 0.88	13.80 -0.36 2.54	16.45 -0.49 5.94	9.15 -0.57 9.88	12.16 -0.63 8.23	22.82 -0.97 0.85	20.31 -0.68 0.00	18.29 -0.25 0.00	16.83 -0.14 0.00	16.16 0.05 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.25 1.27 -0.70	17.74 1.14 -0.39	17.11 0.83 -4.32	18.53 0.66 -7.96	19.19 0.93 -4.25	21.77 1.29 0.00	22.32 1.36 0.00	25.28 1.52 0.00	25.14 1.43 0.00	23.28 1.34 0.00	22.16 1.39 0.00	19.74 1.26 0.00	17.20 1.02 0.00	18.56 1.11 0.00	17.54 1.14 0.00	17.96 1.27 0.00	24.61 1.73 0.00	21.10 1.51 0.00	22.66 1.64 0.00	26.50 1.85 0.00	22.55 1.55 0.00	19.81 1.28 0.00	18.16 1.20 0.00	17.27 1.17 0.00
PEEKSKILL____ 23653	20.10 1.13 -0.69	17.62 1.02 -0.39	16.98 0.74 -4.29	18.39 0.59 -7.90	19.05 0.83 -4.22	21.60 1.11 0.00	22.13 1.17 0.00	25.08 1.32 0.00	24.94 1.23 0.00	23.10 1.16 0.00	22.01 1.24 0.00	19.63 1.15 0.00	17.09 0.91 0.00	18.42 0.98 0.00	17.40 1.00 0.00	17.79 1.10 0.00	24.39 1.51 0.00	20.90 1.30 0.00	22.45 1.44 0.00	26.22 1.57 0.00	22.31 1.31 0.00	19.60 1.06 0.00	18.00 1.03 0.00	17.13 1.02 0.00
PGE MADISON__WINDPWR 24146	19.70 1.21 -0.21	17.32 1.00 -0.12	13.98 0.70 -1.33	12.94 0.59 -2.45	16.21 0.90 -1.31	22.02 1.53 0.00	22.60 1.64 0.00	25.66 1.90 0.00	25.52 1.81 0.00	23.32 1.39 0.00	22.13 1.36 0.00	19.73 1.12 -0.14	17.16 0.93 -0.05	18.65 0.75 -0.46	17.72 1.02 -0.29	18.94 1.40 -0.84	26.41 1.78 -1.76	23.87 1.37 -2.90	25.11 1.51 -2.59	26.83 1.93 -0.24	22.62 1.63 0.00	19.94 1.41 0.00	18.19 1.22 0.00	17.22 1.11 0.00
PIERCEFIELD__HYD 23852	17.72 -0.55 0.00	15.65 -0.56 0.00	11.53 -0.42 0.00	9.59 -0.32 0.00	13.57 -0.43 0.00	19.88 -0.61 0.00	20.49 -0.47 0.00	23.43 -0.33 0.00	23.49 -0.22 0.00	21.72 -0.21 0.00	20.39 -0.38 0.00	18.18 -0.30 0.00	16.04 -0.14 0.00	17.18 -0.27 0.00	15.90 -0.50 0.00	16.09 -0.61 0.00	22.20 -0.67 0.00	19.11 -0.49 0.00	20.48 -0.53 0.00	24.09 -0.56 0.00	20.54 -0.45 0.00	18.31 -0.22 0.00	16.75 -0.22 0.00	15.85 -0.25 0.00
PINELAWN_CC_1 323563	44.58 1.66 -24.65	45.57 1.50 -27.87	19.44 1.10 -6.39	19.30 0.86 -8.53	32.63 1.21 -17.41	38.80 1.68 -16.63	29.63 1.77 -6.90	25.76 2.00 0.00	27.85 1.84 -2.31	23.54 1.61 0.00	22.49 1.67 -0.05	20.32 1.50 -0.35	17.32 1.14 0.00	18.66 1.21 0.00	17.60 1.20 0.00	17.65 1.13 0.18	24.42 1.54 0.00	20.90 1.30 0.00	22.48 1.46 0.00	26.40 1.75 0.00	22.43 1.44 0.00	20.62 1.39 -0.70	19.37 1.47 -0.93	52.03 1.52 -34.41
PJM_GEN_HTP_PROXY 323702	20.16 1.20 -0.69	17.70 1.10 -0.39	17.02 0.79 -4.28	18.42 0.63 -7.89	19.10 0.87 -4.21	21.65 1.16 0.00	22.20 1.24 0.00	25.20 1.44 0.00	25.06 1.35 0.00	23.23 1.30 0.00	22.18 1.40 0.00	19.77 1.29 0.00	17.19 1.01 0.00	18.54 1.10 0.00	17.51 1.10 0.00	17.81 1.20 0.08	24.56 1.68 0.00	21.05 1.45 0.00	22.60 1.58 0.00	26.39 1.74 0.00	22.46 1.47 0.00	19.73 1.20 0.00	18.15 1.18 0.00	17.27 1.16 0.00
PJM_GEN_KEystone 24065	19.31 0.61 -0.42	16.98 0.54 -0.24	14.95 0.39 -2.61	15.02 0.31 -4.81	17.01 0.43 -2.57	21.16 0.68 0.00	21.60 0.65 0.00	24.47 0.71 0.00	24.36 0.65 0.00	22.51 0.58 0.00	21.41 0.63 0.00	18.91 0.54 0.10	16.52 0.38 0.04	17.52 0.41 0.33	16.54 0.34 0.21	16.40 0.40 0.70	22.34 0.59 1.13	17.89 0.42 2.13	19.52 0.41 1.91	24.88 0.41 0.18	21.40 0.40 0.00	18.95 0.42 0.00	17.44 0.47 0.00	16.67 0.56 0.00
PJM_GEN_NEPTUNE_PROXY 323594	30.90 1.43 -11.20	28.67 1.30 -11.16	17.95 0.95 -5.06	18.78 0.75 -8.13	24.12 1.05 -9.06	28.12 1.43 -6.20	25.46 1.48 -3.02	25.44 1.68 0.00	26.28 1.55 -1.01	23.32 1.39 0.00	22.29 1.50 -0.03	19.99 1.36 -0.15	17.22 1.04 0.00	18.56 1.11 0.00	17.51 1.11 0.00	17.75 1.14 0.08	24.46 1.58 0.00	20.93 1.34 0.00	22.47 1.46 0.00	26.37 1.72 0.00	22.45 1.46 0.00	20.14 1.30 -0.31	18.66 1.28 -0.41	32.52 1.32 -15.10
PJM_GEN_VFT_PROXY 323633	20.12 1.15 -0.69	17.65 1.05 -0.39	16.98 0.75 -4.28	18.38 0.58 -7.89	19.03 0.81 -4.21	21.56 1.07 0.00	22.13 1.18 0.00	25.08 1.32 0.00	24.92 1.21 0.00	23.09 1.16 0.00	22.07 1.30 0.00	19.70 1.22 0.00	17.12 0.94 0.00	18.47 1.03 0.00	17.42 1.02 0.00	17.74 1.13 0.08	24.46 1.58 0.00	20.98 1.38 0.00	22.52 1.50 0.00	26.26 1.61 0.00	22.36 1.37 0.00	19.65 1.11 0.00	18.10 1.13 0.00	17.21 1.10 0.00
PLATSBRG_115KV_PMLD1 355749	17.63 -0.65 0.00	15.61 -0.59 0.00	11.62 -0.33 0.00	9.67 -0.24 0.00	13.71 -0.29 0.00	20.21 -0.28 0.00	21.02 0.06 0.00	24.17 0.41 0.00	24.33 0.62 0.00	22.29 0.36 0.00	21.25 0.48 0.00	18.85 0.38 0.00	16.50 0.32 0.00	17.65 0.21 0.00	16.52 0.12 0.00	16.77 0.08 0.00	23.05 0.17 0.00	20.24 0.64 0.00	21.83 0.81 0.00	25.54 0.89 0.00	21.64 0.65 0.00	19.05 0.52 0.00	17.41 0.44 0.00	16.50 0.39 0.00
PLEASANTVLY__LBMP 24000	20.05 1.05 -0.73	17.56 0.95 -0.41	17.14 0.70 -4.49	18.73 0.55 -8.27	19.20 0.77 -4.42	21.53 1.04 0.00	22.02 1.06 0.00	24.91 1.15 0.00	24.77 1.06 0.00	22.95 1.02 0.00	21.86 1.09 0.00	19.47 1.00 0.00	16.97 0.79 0.00	18.31 0.86 0.00	17.30 0.89 0.00	17.68 0.99 0.00	24.19 1.32 0.00	20.74 1.14 0.00	22.30 1.28 0.00	26.09 1.44 0.00	22.20 1.21 0.00	19.51 0.98 0.00	17.91 0.94 0.00	17.05 0.95 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	20.13 1.16 -0.70	17.65 1.05 -0.39	17.03 0.77 -4.31	18.46 0.61 -7.94	19.11 0.86 -4.25	21.65 1.16 0.00	22.17 1.22 0.00	25.13 1.37 0.00	24.98 1.27 0.00	23.15 1.22 0.00	22.07 1.30 0.00	19.69 1.22 0.00	17.15 0.97 0.00	18.50 1.05 0.00	17.47 1.07 0.00	17.84 1.15 0.00	24.44 1.56 0.00	20.95 1.35 0.00	22.51 1.49 0.00	26.31 1.66 0.00	22.38 1.39 0.00	19.66 1.13 0.00	18.06 1.09 0.00	17.19 1.08 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.13 1.16 -0.70	17.65 1.05 -0.39	17.03 0.77 -4.31	18.46 0.61 -7.94	19.11 0.86 -4.25	21.65 1.16 0.00	22.17 1.22 0.00	25.13 1.37 0.00	24.98 1.27 0.00	23.15 1.22 0.00	22.07 1.30 0.00	19.69 1.22 0.00	17.15 0.97 0.00	18.50 1.05 0.00	17.47 1.07 0.00	17.84 1.15 0.00	24.44 1.56 0.00	20.95 1.35 0.00	22.51 1.49 0.00	26.31 1.66 0.00	22.38 1.39 0.00	19.66 1.13 0.00	18.06 1.09 0.00	17.19 1.08 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.12 1.14 -0.71	17.63 1.03 -0.40	17.08 0.75 -4.37	18.55 0.60 -8.05	19.15 0.84 -4.30	21.63 1.15 0.00	22.14 1.18 0.00	25.05 1.29 0.00	24.90 1.19 0.00	23.05 1.12 0.00	21.94 1.17 0.00	19.54 1.06 0.00	17.03 0.85 0.00	18.38 0.93 0.00	17.39 0.98 0.00	17.79 1.10 0.00	24.36 1.48 0.00	20.89 1.29 0.00	22.46 1.44 0.00	26.27 1.62 0.00	22.35 1.36 0.00	19.64 1.11 0.00	18.02 1.05 0.00	17.15 1.04 0.00
POLETTI____ 23519	20.16 1.19 -0.69	17.69 1.09 -0.39	17.02 0.79 -4.28	18.42 0.62 -7.89	19.08 0.86 -4.21	21.62 1.14 0.00	22.17 1.21 0.00	25.13 1.37 0.00	25.00 1.29 0.00	23.18 1.25 0.00	22.13 1.36 0.00	19.74 1.26 0.00	17.18 0.99 0.00	18.52 1.07 0.00	17.49 1.08 0.00	17.89 1.19 0.00	24.52 1.64 0.00	21.01 1.41 0.00	22.55 1.54 0.00	26.34 1.69 0.00	22.41 1.42 0.00	19.70 1.16 0.00	18.12 1.16 0.00	17.25 1.15 0.00
PORT_JEFF_3 23555	44.64 1.71 -24.65	46.02 1.59 -28.22	19.56 1.18 -6.43	19.37 0.92 -8.55	32.96 1.29 -17.67	39.22 1.80 -16.93	29.72 1.86 -6.91	25.81 2.05 0.00	27.83 1.81 -2.31	23.41 1.48 0.00	22.28 1.46 -0.05	20.12 1.29 -0.35	17.12 0.94 0.00	18.42 0.98 0.00	17.34 0.94 0.01	14.78 0.95 2.87	24.22 1.35 0.00	20.79 1.19 0.00	22.37 1.35 0.00	26.35 1.69 0.00	22.45 1.46 0.00	20.58 1.34 -0.70	19.24 1.35 -0.93	52.01 1.49 -34.41
PORT_JEFF_4 23616	44.64 1.71 -24.65	46.02 1.59 -28.22	19.56 1.18 -6.43	19.37 0.92 -8.55	32.96 1.29 -17.67	39.22 1.80 -16.93	29.72 1.86 -6.91	25.81 2.05 0.00	27.83 1.81 -2.31	23.41 1.48 0.00	22.28 1.46 -0.05	20.12 1.29 -0.35	17.12 0.94 0.00	18.42 0.98 0.00	17.34 0.94 0.01	14.78 0.95 2.87	24.22 1.35 0.00	20.79 1.19 0.00	22.37 1.35 0.00	26.35 1.69 0.00	22.45 1.46 0.00	20.58 1.34 -0.70	19.24 1.35 -0.93	52.01 1.49 -34.41
PORT_JEFF_IC 23713	44.67 1.74 -24.65	46.02 1.61 -28.21	19.57 1.19 -6.43	19.38 0.93 -8.55	32.97 1.31 -17.66	39.23 1.82 -16.92	29.76 1.90 -6.91	25.86 2.09 0.00	27.87 1.85 -2.31	23.47 1.53 0.00	22.34 1.52 -0.05	20.17 1.34 -0.35	17.17 0.99 0.00	18.47 1.03 0.00	17.38 0.99 0.01	14.40 0.99 3.28	24.30 1.42 0.00	20.84 1.25 0.00	22.40 1.38 0.00	26.39 1.74 0.00	22.48 1.49 0.00	20.64 1.41 -0.70	19.29 1.39 -0.93	52.03 1.52 -34.41
PPL PILGRIM_ST_GT1 24216	44.69 1.77 -24.65	45.98 1.61 -28.16	19.56 1.18 -6.43	19.39 0.94 -8.55	32.95 1.31 -17.63	39.19 1.82 -16.88	29.78 1.92 -6.91	25.91 2.15 0.00	28.00 1.99 -2.31	23.65 1.72 0.00	22.59 1.77 -0.05	20.41 1.58 -0.35	17.38 1.20 0.00	18.67 1.23 0.00	17.65 1.25 0.00	17.39 1.28 0.58	24.66 1.78 0.00	21.13 1.53 0.00	22.72 1.70 0.00	26.72 2.07 0.00	22.77 1.77 0.00	20.83 1.60 -0.70	19.44 1.55 -0.93	52.12 1.61 -34.41
PPL PILGRIM_ST_GT2 24217	44.69 1.77 -24.65	45.98 1.61 -28.16	19.56 1.18 -6.43	19.39 0.94 -8.55	32.95 1.31 -17.63	39.19 1.82 -16.88	29.78 1.92 -6.91	25.91 2.15 0.00	28.00 1.99 -2.31	23.65 1.72 0.00	22.59 1.77 -0.05	20.41 1.58 -0.35	17.38 1.20 0.00	18.67 1.23 0.00	17.65 1.25 0.00	17.39 1.28 0.58	24.66 1.78 0.00	21.13 1.53 0.00	22.72 1.70 0.00	26.72 2.07 0.00	22.77 1.77 0.00	20.83 1.60 -0.70	19.44 1.55 -0.93	52.12 1.61 -34.41
PPL_SHRM_GT3 24213	44.52 1.59 -24.65	45.96 1.54 -28.21	19.53 1.14 -6.43	19.36 0.91 -8.55	32.93 1.26 -17.66	39.20 1.78 -16.93	29.67 1.81 -6.91	25.74 1.98 0.00	27.68 1.67 -2.31	23.28 1.35 0.00	22.16 1.34 -0.05	20.01 1.18 -0.35	17.02 0.84 0.00	18.32 0.87 0.00	17.18 0.79 0.01	14.50 0.72 2.92	23.94 1.06 0.00	20.58 0.98 0.00	22.30 1.29 0.00	26.35 1.70 0.00	22.45 1.46 0.00	20.55 1.32 -0.70	19.16 1.27 -0.93	51.86 1.35 -34.41
PPL_SHRM_GT4 24214	44.52 1.59 -24.65	45.96 1.54 -28.21	19.53 1.14 -6.43	19.36 0.91 -8.55	32.93 1.26 -17.66	39.20 1.78 -16.93	29.67 1.81 -6.91	25.74 1.98 0.00	27.68 1.67 -2.31	23.28 1.35 0.00	22.16 1.34 -0.05	20.01 1.18 -0.35	17.02 0.84 0.00	18.32 0.87 0.00	17.18 0.79 0.01	14.50 0.72 2.92	23.94 1.06 0.00	20.58 0.98 0.00	22.30 1.29 0.00	26.35 1.70 0.00	22.45 1.46 0.00	20.55 1.32 -0.70	19.16 1.27 -0.93	51.86 1.35 -34.41
PROJECT____ORANGE 1 24174	18.35 0.01 -0.06	16.22 -0.02 -0.04	12.32 -0.02 -0.39	10.61 -0.02 -0.72	14.36 -0.03 -0.39	20.50 0.01 0.00	20.97 0.02 0.00	23.79 0.02 0.00	23.72 0.00 0.00	21.93 0.00 0.00	20.78 0.00 0.00	18.47 -0.01 0.00	16.17 -0.01 0.00	17.45 0.00 0.00	16.37 -0.03 0.00	16.66 -0.04 0.00	22.82 -0.06 0.00	19.51 -0.09 0.00	20.92 -0.10 0.00	24.51 -0.14 0.00	20.90 -0.09 0.00	18.49 -0.04 0.00	16.93 -0.04 0.00	16.09 -0.02 0.00
PROJECT____ORANGE 2 24166	18.35 0.01 -0.06	16.22 -0.02 -0.04	12.32 -0.02 -0.39	10.61 -0.02 -0.72	14.36 -0.03 -0.39	20.50 0.01 0.00	20.97 0.02 0.00	23.79 0.02 0.00	23.72 0.00 0.00	21.93 0.00 0.00	20.78 0.00 0.00	18.47 -0.01 0.00	16.17 -0.01 0.00	17.45 0.00 0.00	16.37 -0.03 0.00	16.66 -0.04 0.00	22.82 -0.06 0.00	19.51 -0.09 0.00	20.92 -0.10 0.00	24.51 -0.14 0.00	20.90 -0.09 0.00	18.49 -0.04 0.00	16.93 -0.04 0.00	16.09 -0.02 0.00
PUCKETT____SOLAR 323809	19.09 0.59 -0.23	16.82 0.48 -0.13	13.74 0.36 -1.43	12.83 0.28 -2.64	15.83 0.42 -1.41	21.19 0.70 0.00	21.71 0.75 0.00	24.65 0.89 0.00	24.50 0.78 0.00	22.57 0.63 0.00	21.46 0.69 0.00	19.13 0.56 -0.10	16.62 0.40 -0.04	18.21 0.44 -0.33	16.99 0.38 -0.21	17.88 0.58 -0.61	24.90 0.78 -1.24	22.32 0.59 -2.13	23.56 0.65 -1.89	25.59 0.76 -0.18	21.66 0.67 0.00	19.14 0.61 0.00	17.55 0.58 0.00	16.69 0.58 0.00
PYRITES____HYD 24023	17.92 -0.35 0.00	15.82 -0.38 0.00	11.66 -0.29 0.00	9.71 -0.19 0.00	13.74 -0.27 0.00	20.13 -0.36 0.00	20.71 -0.24 0.00	23.67 -0.09 0.00	23.74 0.03 0.00	22.04 0.10 0.00	20.67 -0.10 0.00	18.42 -0.05 0.00	16.25 0.07 0.00	17.42 -0.02 0.00	16.16 -0.24 0.00	16.36 -0.33 0.00	22.56 -0.32 0.00	19.40 -0.20 0.00	20.79 -0.23 0.00	24.46 -0.19 0.00	20.88 -0.11 0.00	18.59 0.06 0.00	16.96 -0.01 0.00	16.04 -0.07 0.00
QUAKERRD_115KV_BK1 80622	17.92 -0.43 -0.08	15.86 -0.39 -0.04	12.13 -0.30 -0.48	10.53 -0.26 -0.89	14.11 -0.37 -0.48	20.10 -0.40 0.00	20.43 -0.53 0.00	23.12 -0.64 0.00	23.02 -0.69 0.00	21.24 -0.69 0.00	20.08 -0.69 0.00	17.74 -0.64 0.09	15.59 -0.55 0.03	16.57 -0.58 0.30	15.51 -0.70 0.19	15.39 -0.76 0.55	20.80 -0.98 1.10	16.74 -0.95 1.91	18.28 -1.05 1.69	23.25 -1.24 0.16	20.05 -0.95 0.00	17.89 -0.64 0.00	16.40 -0.57 0.00	15.66 -0.45 0.00

QUENSBRY_I15KV_TB8 356137	20.40 1.23 -0.90	17.75 1.04 -0.51	18.27 0.79 -5.54	20.71 0.61 -10.20	20.36 0.91 -5.45	21.81 1.33 0.00	22.32 1.37 0.00	25.15 1.39 0.00	24.93 1.22 0.00	23.08 1.14 0.00	21.97 1.20 0.00	19.62 1.15 0.00	17.16 0.98 0.00	18.69 1.25 0.00	17.71 1.31 0.00	18.01 1.31 0.00	24.51 1.63 0.00	20.89 1.29 0.00	22.56 1.54 0.00	26.34 1.69 0.00	22.39 1.40 0.00	19.70 1.17 0.00	17.99 1.02 0.00	17.08 0.98 0.00
RAMAPO____LBMP 323565	19.98 1.04 -0.66	17.52 0.93 -0.37	16.74 0.68 -4.11	18.02 0.55 -7.57	18.82 0.77 -4.04	21.51 1.03 0.00	22.05 1.09 0.00	24.98 1.22 0.00	24.85 1.13 0.00	23.01 1.08 0.00	21.92 1.15 0.00	19.54 1.07 0.00	17.02 0.84 0.00	18.34 0.89 0.00	17.31 0.91 0.00	17.70 1.01 0.00	24.27 1.39 0.00	20.76 1.17 0.00	22.26 1.24 0.00	26.09 1.44 0.00	22.22 1.23 0.00	19.52 0.98 0.00	17.93 0.96 0.00	17.06 0.96 0.00
RANKINE____ 23646	18.35 -0.04 -0.12	16.22 -0.05 -0.06	12.59 -0.07 -0.72	11.13 -0.10 -1.32	14.58 -0.13 -0.70	20.61 0.12 0.00	20.80 -0.16 0.00	23.52 -0.25 0.00	23.43 -0.28 0.00	21.55 -0.38 0.00	20.39 -0.38 0.00	17.46 -0.45 0.56	15.55 -0.42 0.21	15.16 -0.41 1.88	14.59 -0.62 1.19	12.60 -0.66 3.43	14.98 -0.78 7.12	7.35 -0.80 11.44	9.53 -0.97 10.51	22.43 -1.23 0.98	20.13 -0.86 0.00	18.15 -0.39 0.00	16.71 -0.26 0.00	16.03 -0.08 0.00
RAVENSWOOD_GT2_1 24244	20.17 1.20 -0.69	17.70 1.11 -0.39	17.03 0.79 -4.28	18.42 0.63 -7.89	19.10 0.88 -4.21	21.64 1.16 0.00	22.20 1.25 0.00	25.18 1.42 0.00	25.05 1.34 0.00	23.22 1.29 0.00	22.15 1.38 0.00	19.76 1.28 0.00	17.20 1.02 0.00	18.55 1.10 0.00	17.51 1.11 0.00	17.91 1.21 0.00	24.54 1.67 0.00	21.03 1.43 0.00	22.59 1.57 0.00	26.38 1.73 0.00	22.45 1.46 0.00	19.73 1.20 0.00	18.14 1.18 0.00	17.27 1.16 0.00
RAVENSWOOD_GT2_2 24245	20.17 1.20 -0.69	17.70 1.11 -0.39	17.03 0.79 -4.28	18.42 0.63 -7.89	19.10 0.88 -4.21	21.64 1.16 0.00	22.20 1.25 0.00	25.18 1.42 0.00	25.05 1.34 0.00	23.22 1.29 0.00	22.15 1.38 0.00	19.76 1.28 0.00	17.20 1.02 0.00	18.55 1.10 0.00	17.51 1.11 0.00	17.91 1.21 0.00	24.54 1.67 0.00	21.03 1.43 0.00	22.59 1.57 0.00	26.38 1.73 0.00	22.45 1.46 0.00	19.73 1.20 0.00	18.14 1.18 0.00	17.27 1.16 0.00
RAVENSWOOD_GT2_3 24246	20.18 1.21 -0.69	17.71 1.11 -0.39	17.03 0.80 -4.28	18.43 0.63 -7.89	19.10 0.88 -4.21	21.66 1.17 0.00	22.21 1.26 0.00	25.20 1.43 0.00	25.06 1.35 0.00	23.23 1.30 0.00	22.17 1.40 0.00	19.77 1.30 0.00	17.20 1.02 0.00	18.56 1.11 0.00	17.52 1.12 0.00	17.92 1.22 0.00	24.56 1.69 0.00	21.05 1.45 0.00	22.60 1.58 0.00	26.39 1.74 0.00	22.46 1.47 0.00	19.74 1.21 0.00	18.15 1.18 0.00	17.27 1.16 0.00
RAVENSWOOD_GT2_4 24247	20.18 1.21 -0.69	17.71 1.11 -0.39	17.03 0.80 -4.28	18.43 0.63 -7.89	19.10 0.88 -4.21	21.66 1.17 0.00	22.21 1.26 0.00	25.20 1.43 0.00	25.06 1.35 0.00	23.23 1.30 0.00	22.17 1.40 0.00	19.77 1.30 0.00	17.20 1.02 0.00	18.56 1.11 0.00	17.52 1.12 0.00	17.92 1.22 0.00	24.56 1.69 0.00	21.05 1.45 0.00	22.60 1.58 0.00	26.39 1.74 0.00	22.46 1.47 0.00	19.74 1.21 0.00	18.15 1.18 0.00	17.27 1.16 0.00
RAVENSWOOD_GT3_1 24248	20.17 1.20 -0.69	17.70 1.11 -0.39	17.03 0.79 -4.28	18.42 0.63 -7.89	19.09 0.87 -4.21	21.64 1.16 0.00	22.20 1.25 0.00	25.18 1.42 0.00	25.05 1.34 0.00	23.22 1.29 0.00	22.15 1.38 0.00	19.75 1.28 0.00	17.20 1.02 0.00	18.54 1.10 0.00	17.51 1.11 0.00	17.90 1.21 0.00	24.54 1.67 0.00	21.03 1.43 0.00	22.59 1.57 0.00	26.38 1.72 0.00	22.45 1.46 0.00	19.73 1.20 0.00	18.14 1.18 0.00	17.26 1.15 0.00
RAVENSWOOD_GT3_2 24249	20.17 1.20 -0.69	17.70 1.11 -0.39	17.03 0.79 -4.28	18.42 0.63 -7.89	19.09 0.87 -4.21	21.64 1.16 0.00	22.20 1.25 0.00	25.18 1.42 0.00	25.05 1.34 0.00	23.22 1.29 0.00	22.15 1.38 0.00	19.75 1.28 0.00	17.20 1.02 0.00	18.54 1.10 0.00	17.51 1.11 0.00	17.90 1.21 0.00	24.54 1.67 0.00	21.03 1.43 0.00	22.59 1.57 0.00	26.38 1.72 0.00	22.45 1.46 0.00	19.73 1.20 0.00	18.14 1.18 0.00	17.26 1.15 0.00
RAVENSWOOD_GT3_3 24250	20.20 1.23 -0.69	17.72 1.13 -0.39	17.04 0.81 -4.28	18.43 0.64 -7.89	19.11 0.89 -4.21	21.68 1.19 0.00	22.23 1.27 0.00	25.21 1.45 0.00	25.08 1.37 0.00	23.25 1.32 0.00	22.19 1.42 0.00	19.79 1.32 0.00	17.22 1.04 0.00	18.58 1.13 0.00	17.54 1.14 0.00	17.94 1.25 0.00	24.59 1.71 0.00	21.07 1.47 0.00	22.63 1.61 0.00	26.43 1.78 0.00	22.48 1.49 0.00	19.76 1.23 0.00	18.17 1.20 0.00	17.29 1.18 0.00
RAVENSWOOD_GT3_4 24251	20.19 1.23 -0.69	17.72 1.13 -0.39	17.04 0.81 -4.28	18.44 0.64 -7.89	19.11 0.89 -4.21	21.67 1.19 0.00	22.23 1.27 0.00	25.22 1.46 0.00	25.09 1.38 0.00	23.25 1.32 0.00	22.19 1.42 0.00	19.79 1.32 0.00	17.22 1.04 0.00	18.58 1.13 0.00	17.54 1.14 0.00	17.93 1.24 0.00	24.59 1.71 0.00	21.07 1.47 0.00	22.62 1.61 0.00	26.42 1.77 0.00	22.48 1.49 0.00	19.76 1.22 0.00	18.17 1.20 0.00	17.29 1.18 0.00
RAVENSWOOD_GT_1 23729	20.23 1.26 -0.69	17.76 1.17 -0.39	17.07 0.83 -4.28	18.46 0.66 -7.89	19.14 0.92 -4.21	21.70 1.21 0.00	22.27 1.32 0.00	25.27 1.51 0.00	25.14 1.43 0.00	23.31 1.37 0.00	22.25 1.48 0.00	19.84 1.37 0.00	17.28 1.09 0.00	18.63 1.18 0.00	17.59 1.19 0.00	17.98 1.28 0.00	24.64 1.76 0.00	21.12 1.52 0.00	22.67 1.65 0.00	26.47 1.82 0.00	22.52 1.53 0.00	19.80 1.27 0.00	18.21 1.24 0.00	17.32 1.22 0.00
RAVENSWOOD_GT_10 24258	20.17 1.20 -0.69	17.70 1.10 -0.39	17.03 0.79 -4.28	18.42 0.63 -7.89	19.10 0.87 -4.21	21.64 1.16 0.00	22.20 1.25 0.00	25.17 1.41 0.00	25.04 1.33 0.00	23.21 1.28 0.00	22.15 1.38 0.00	19.75 1.28 0.00	17.19 1.01 0.00	18.54 1.10 0.00	17.51 1.11 0.00	17.91 1.21 0.00	24.54 1.67 0.00	21.04 1.44 0.00	22.59 1.57 0.00	26.38 1.73 0.00	22.45 1.46 0.00	19.73 1.19 0.00	18.14 1.17 0.00	17.26 1.15 0.00
RAVENSWOOD_GT_11 24259	20.17 1.20 -0.69	17.70 1.10 -0.39	17.03 0.79 -4.28	18.42 0.63 -7.89	19.09 0.87 -4.21	21.64 1.16 0.00	22.20 1.25 0.00	25.18 1.42 0.00	25.05 1.34 0.00	23.21 1.28 0.00	22.15 1.38 0.00	19.75 1.28 0.00	17.19 1.01 0.00	18.54 1.10 0.00	17.51 1.11 0.00	17.90 1.20 0.00	24.54 1.67 0.00	21.03 1.43 0.00	22.58 1.57 0.00	26.38 1.72 0.00	22.45 1.46 0.00	19.73 1.19 0.00	18.14 1.17 0.00	17.26 1.15 0.00
RAVENSWOOD_GT_4 24252	20.17 1.20 -0.69	17.70 1.10 -0.39	17.03 0.79 -4.28	18.42 0.63 -7.89	19.10 0.87 -4.21	21.65 1.16 0.00	22.20 1.25 0.00	25.17 1.41 0.00	25.04 1.33 0.00	23.21 1.28 0.00	22.15 1.38 0.00	19.75 1.28 0.00	17.19 1.01 0.00	18.54 1.10 0.00	17.50 1.10 0.00	17.91 1.21 0.00	24.54 1.67 0.00	21.03 1.43 0.00	22.59 1.57 0.00	26.38 1.73 0.00	22.45 1.46 0.00	19.72 1.19 0.00	18.14 1.17 0.00	17.26 1.15 0.00



RAVENSWOOD_GT_5 24254	20.17 1.20 -0.69	17.70 1.10 -0.39	17.03 0.79 -4.28	18.42 0.63 -7.89	19.10 0.87 -4.21	21.65 1.16 0.00	22.20 1.25 0.00	25.17 1.41 0.00	25.04 1.33 0.00	23.21 1.28 0.00	22.15 1.38 0.00	19.75 1.28 0.00	17.19 1.01 0.00	18.54 1.10 0.00	17.50 1.10 0.00	17.91 1.21 0.00	24.54 1.67 0.00	21.03 1.43 0.00	22.59 1.57 0.00	26.38 1.73 0.00	22.45 1.46 0.00	19.72 1.19 0.00	18.14 1.17 0.00	17.26 1.15 0.00
RAVENSWOOD_GT_6 24253	20.17 1.20 -0.69	17.70 1.10 -0.39	17.03 0.79 -4.28	18.42 0.63 -7.89	19.10 0.87 -4.21	21.65 1.16 0.00	22.20 1.25 0.00	25.17 1.41 0.00	25.04 1.33 0.00	23.21 1.28 0.00	22.15 1.38 0.00	19.75 1.28 0.00	17.19 1.01 0.00	18.54 1.10 0.00	17.50 1.10 0.00	17.91 1.21 0.00	24.54 1.67 0.00	21.03 1.43 0.00	22.59 1.57 0.00	26.38 1.73 0.00	22.45 1.46 0.00	19.72 1.19 0.00	18.14 1.17 0.00	17.26 1.15 0.00
RAVENSWOOD_GT_7 24255	20.17 1.20 -0.69	17.70 1.10 -0.39	17.03 0.79 -4.28	18.42 0.63 -7.89	19.10 0.87 -4.21	21.65 1.16 0.00	22.20 1.25 0.00	25.17 1.41 0.00	25.04 1.33 0.00	23.21 1.28 0.00	22.15 1.38 0.00	19.75 1.28 0.00	17.19 1.01 0.00	18.54 1.10 0.00	17.50 1.10 0.00	17.91 1.21 0.00	24.54 1.67 0.00	21.03 1.43 0.00	22.59 1.57 0.00	26.38 1.73 0.00	22.45 1.46 0.00	19.72 1.19 0.00	18.14 1.17 0.00	17.26 1.15 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.17 1.20 -0.69	17.70 1.10 -0.39	17.03 0.79 -4.28	18.42 0.63 -7.89	19.10 0.87 -4.21	21.64 1.16 0.00	22.20 1.25 0.00	25.17 1.41 0.00	25.04 1.33 0.00	23.21 1.28 0.00	22.15 1.38 0.00	19.75 1.28 0.00	17.19 1.01 0.00	18.54 1.10 0.00	17.51 1.11 0.00	17.91 1.21 0.00	24.54 1.67 0.00	21.04 1.44 0.00	22.59 1.57 0.00	26.38 1.73 0.00	22.45 1.46 0.00	19.73 1.19 0.00	18.14 1.17 0.00	17.26 1.15 0.00
RAVENSWOOD_GT_9 24257	20.17 1.20 -0.69	17.70 1.10 -0.39	17.03 0.79 -4.28	18.42 0.63 -7.89	19.09 0.87 -4.21	21.64 1.16 0.00	22.20 1.25 0.00	25.18 1.42 0.00	25.05 1.34 0.00	23.21 1.28 0.00	22.15 1.38 0.00	19.75 1.28 0.00	17.19 1.01 0.00	18.54 1.10 0.00	17.51 1.11 0.00	17.90 1.20 0.00	24.54 1.67 0.00	21.03 1.43 0.00	22.58 1.57 0.00	26.38 1.72 0.00	22.45 1.46 0.00	19.73 1.19 0.00	18.14 1.17 0.00	17.26 1.15 0.00
RAVENSWOOD___1 23533	20.19 1.22 -0.69	17.73 1.14 -0.39	17.05 0.81 -4.28	18.44 0.65 -7.89	19.11 0.89 -4.21	21.66 1.18 0.00	22.23 1.28 0.00	25.23 1.47 0.00	25.10 1.39 0.00	23.26 1.33 0.00	22.20 1.43 0.00	19.80 1.33 0.00	17.24 1.06 0.00	18.59 1.15 0.00	17.56 1.15 0.00	17.94 1.25 0.00	24.59 1.72 0.00	21.08 1.48 0.00	22.63 1.61 0.00	26.43 1.78 0.00	22.49 1.49 0.00	19.76 1.23 0.00	18.17 1.21 0.00	17.29 1.19 0.00
RAVENSWOOD___2 23534	20.19 1.22 -0.69	17.73 1.14 -0.39	17.05 0.81 -4.28	18.44 0.65 -7.89	19.11 0.89 -4.21	21.66 1.18 0.00	22.23 1.28 0.00	25.23 1.47 0.00	25.10 1.39 0.00	23.26 1.33 0.00	22.20 1.43 0.00	19.80 1.33 0.00	17.24 1.06 0.00	18.59 1.15 0.00	17.56 1.15 0.00	17.94 1.25 0.00	24.59 1.72 0.00	21.08 1.48 0.00	22.63 1.61 0.00	26.43 1.78 0.00	22.49 1.49 0.00	19.76 1.23 0.00	18.17 1.21 0.00	17.29 1.19 0.00
RAVENSWOOD___3 23535	20.17 1.20 -0.69	17.70 1.11 -0.39	17.03 0.79 -4.28	18.42 0.63 -7.89	19.10 0.88 -4.21	21.65 1.16 0.00	22.20 1.25 0.00	25.19 1.42 0.00	25.05 1.34 0.00	23.22 1.29 0.00	22.16 1.39 0.00	19.76 1.29 0.00	17.20 1.02 0.00	18.55 1.10 0.00	17.51 1.11 0.00	17.91 1.21 0.00	24.55 1.67 0.00	21.04 1.44 0.00	22.59 1.57 0.00	26.38 1.73 0.00	22.45 1.46 0.00	19.73 1.20 0.00	18.15 1.18 0.00	17.27 1.16 0.00
RAVENSWOOD___4 23820	20.19 1.22 -0.69	17.73 1.14 -0.39	17.05 0.81 -4.28	18.44 0.65 -7.89	19.11 0.89 -4.21	21.66 1.18 0.00	22.23 1.28 0.00	25.23 1.47 0.00	25.10 1.39 0.00	23.26 1.33 0.00	22.20 1.43 0.00	19.80 1.33 0.00	17.24 1.06 0.00	18.59 1.15 0.00	17.56 1.15 0.00	17.94 1.25 0.00	24.59 1.72 0.00	21.08 1.48 0.00	22.63 1.61 0.00	26.43 1.78 0.00	22.49 1.49 0.00	19.76 1.23 0.00	18.17 1.21 0.00	17.29 1.19 0.00
RCPL_TRUST___DRP 24196	20.19 1.22 -0.69	17.72 1.12 -0.39	17.04 0.81 -4.28	18.43 0.64 -7.89	19.11 0.89 -4.21	21.68 1.20 0.00	22.23 1.28 0.00	25.23 1.47 0.00	25.10 1.39 0.00	23.28 1.35 0.00	22.21 1.44 0.00	19.81 1.34 0.00	17.23 1.05 0.00	18.59 1.14 0.00	17.55 1.15 0.00	17.95 1.26 0.00	24.63 1.75 0.00	21.10 1.51 0.00	22.65 1.63 0.00	26.44 1.79 0.00	22.50 1.51 0.00	19.77 1.24 0.00	18.18 1.21 0.00	17.29 1.18 0.00
RED___ROCHESTER 323720	18.48 0.12 -0.08	16.35 0.09 -0.05	12.52 0.05 -0.51	10.86 0.01 -0.94	14.54 0.03 -0.50	20.73 0.24 0.00	21.05 0.10 0.00	23.79 0.02 0.00	23.68 -0.03 0.00	21.84 -0.09 0.00	20.65 -0.12 0.00	18.28 -0.11 0.08	16.05 -0.10 0.03	17.10 -0.07 0.27	15.96 -0.27 0.17	15.88 -0.32 0.49	22.02 -0.38 0.48	17.41 -0.46 1.72	18.96 -0.53 1.53	23.86 -0.64 0.14	20.58 -0.41 0.00	18.40 -0.13 0.00	16.87 -0.10 0.00	16.12 0.01 0.00
REGAN___SOLAR 323812	20.96 1.67 -1.02	18.20 1.42 -0.57	19.24 1.01 -6.28	22.31 0.84 -11.57	21.40 1.22 -6.18	22.41 1.92 0.00	23.18 2.23 0.00	26.34 2.57 0.00	26.08 2.37 0.00	23.87 1.94 0.00	22.45 1.68 0.00	20.08 1.60 0.00	17.57 1.38 0.00	19.04 1.59 0.00	17.86 1.46 0.00	18.34 1.64 0.00	25.17 2.29 0.00	21.50 1.90 0.00	23.10 2.09 0.00	27.07 2.42 0.00	23.14 2.15 0.00	20.43 1.90 0.00	18.66 1.69 0.00	17.64 1.54 0.00
RENSSELAER___COGEN 23796	19.76 0.63 -0.86	17.28 0.59 -0.48	17.71 0.46 -5.30	20.10 0.43 -9.77	19.81 0.58 -5.22	21.19 0.71 0.00	21.57 0.62 0.00	24.35 0.59 0.00	24.19 0.48 0.00	22.43 0.49 0.00	21.31 0.54 0.00	18.94 0.46 0.00	16.51 0.32 0.00	17.83 0.38 0.00	16.83 0.42 0.00	17.15 0.46 0.00	23.37 0.49 0.00	20.01 0.42 0.00	21.55 0.53 0.00	25.27 0.62 0.00	21.52 0.53 0.00	18.92 0.38 0.00	17.36 0.39 0.00	16.57 0.46 0.00
REPUBLIC_115KV_BARTNBRK 55605	21.36 2.19 -0.89	18.57 1.86 -0.50	18.89 1.41 -5.53	21.24 1.15 -10.19	21.10 1.65 -5.44	22.93 2.44 0.00	23.44 2.48 0.00	26.31 2.55 0.00	25.97 2.25 0.00	24.06 2.13 0.00	23.09 2.32 0.00	20.66 2.18 0.00	18.11 1.93 0.00	19.80 2.35 0.00	18.79 2.38 0.00	19.09 2.39 0.00	25.89 3.02 0.00	21.97 2.37 0.00	23.91 2.89 0.00	27.58 2.93 0.00	23.34 2.35 0.00	20.56 2.03 0.00	18.76 1.79 0.00	17.85 1.74 0.00
REVERE_CPPR_DRP 24186	18.87 0.56 -0.04	16.59 0.36 -0.02	12.42 0.24 -0.22	10.55 0.23 -0.41	14.55 0.32 -0.22	21.01 0.52 0.00	21.61 0.66 0.00	24.61 0.85 0.00	24.58 0.87 0.00	22.67 0.73 0.00	21.43 0.66 0.00	19.06 0.59 0.00	16.78 0.60 0.00	18.14 0.69 0.00	16.97 0.57 0.00	17.19 0.50 0.00	23.60 0.72 0.00	20.24 0.64 0.00	21.71 0.69 0.00	25.53 0.88 0.00	21.69 0.69 0.00	19.10 0.57 0.00	17.44 0.47 0.00	16.54 0.43 0.00

REYNOLDS_115KV_TB3 80639	19.91 0.77 -0.86	17.39 0.70 -0.48	17.79 0.54 -5.30	20.14 0.47 -9.77	19.87 0.64 -5.22	21.31 0.83 0.00	21.71 0.76 0.00	24.49 0.73 0.00	24.33 0.62 0.00	22.57 0.64 0.00	21.44 0.67 0.00	19.08 0.61 0.00	16.65 0.47 0.00	18.00 0.55 0.00	16.98 0.58 0.00	17.28 0.58 0.00	23.54 0.66 0.00	20.16 0.56 0.00	21.72 0.70 0.00	25.50 0.85 0.00	21.71 0.72 0.00	19.08 0.55 0.00	17.50 0.54 0.00	16.69 0.58 0.00
RIVERBAY____ 323610	20.21 1.24 -0.69	17.80 1.20 -0.39	17.09 0.86 -4.28	18.51 0.72 -7.89	19.16 0.94 -4.21	21.73 1.24 0.00	22.28 1.33 0.00	25.27 1.51 0.00	25.13 1.42 0.00	23.28 1.34 0.00	22.16 1.39 0.00	19.74 1.26 0.00	17.17 0.98 0.00	18.53 1.08 0.00	17.49 1.09 0.00	17.89 1.20 0.00	24.52 1.64 0.00	21.01 1.41 0.00	22.56 1.54 0.00	26.38 1.72 0.00	22.43 1.44 0.00	19.74 1.20 0.00	18.14 1.17 0.00	17.28 1.17 0.00
RIVERSDE_115KV_TB3 55908	19.87 0.74 -0.86	17.37 0.68 -0.48	17.78 0.52 -5.31	20.14 0.46 -9.77	19.86 0.64 -5.22	21.30 0.81 0.00	21.69 0.73 0.00	24.47 0.70 0.00	24.33 0.61 0.00	22.56 0.63 0.00	21.44 0.67 0.00	19.08 0.60 0.00	16.64 0.46 0.00	17.98 0.54 0.00	16.96 0.56 0.00	17.27 0.58 0.00	23.50 0.62 0.00	20.12 0.52 0.00	21.67 0.65 0.00	25.43 0.78 0.00	21.65 0.66 0.00	19.02 0.49 0.00	17.45 0.49 0.00	16.65 0.55 0.00
ROARING____BROOK_WT_PWR 323790	17.67 -0.61 0.00	15.48 -0.72 0.00	11.38 -0.57 0.00	9.51 -0.40 0.00	13.47 -0.53 0.00	19.69 -0.80 0.00	20.34 -0.61 0.00	23.36 -0.41 0.00	23.48 -0.23 0.00	21.66 -0.27 0.00	19.93 -0.85 0.00	17.65 -0.82 0.00	15.88 -0.30 0.00	17.26 -0.19 0.00	16.05 -0.35 0.00	16.25 -0.45 0.00	22.53 -0.34 0.00	19.42 -0.18 0.00	20.87 -0.15 0.00	24.45 -0.20 0.00	20.71 -0.28 0.00	18.20 -0.34 0.00	16.59 -0.38 0.00	15.75 -0.36 0.00
ROCHESRG_115KV_T4 355643	18.28 -0.08 -0.08	16.17 -0.08 -0.05	12.39 -0.07 -0.51	10.76 -0.09 -0.94	14.39 -0.11 -0.50	20.52 0.03 0.00	20.83 -0.13 0.00	23.54 -0.22 0.00	23.43 -0.28 0.00	21.60 -0.34 0.00	20.42 -0.35 0.00	18.04 -0.34 0.09	15.85 -0.30 0.04	16.84 -0.29 0.31	15.74 -0.46 0.20	15.60 -0.52 0.58	21.08 -0.65 1.14	16.90 -0.70 2.00	18.46 -0.78 1.78	23.55 -0.93 0.17	20.33 -0.66 0.00	18.20 -0.34 0.00	16.69 -0.28 0.00	15.95 -0.16 0.00
ROCHESTER_9_IC 23652	18.38 0.03 -0.08	16.27 0.01 -0.05	12.45 -0.01 -0.51	10.81 -0.04 -0.94	14.47 -0.04 -0.50	20.63 0.14 0.00	20.95 -0.01 0.00	23.68 -0.08 0.00	23.57 -0.14 0.00	21.73 -0.20 0.00	20.54 -0.23 0.00	18.18 -0.22 0.08	15.96 -0.19 0.03	16.99 -0.18 0.27	15.87 -0.36 0.17	15.77 -0.43 0.49	21.80 -0.53 0.55	17.29 -0.59 1.72	18.83 -0.66 1.53	23.71 -0.80 0.14	20.46 -0.54 0.00	18.31 -0.23 0.00	16.78 -0.19 0.00	16.03 -0.07 0.00
ROCKVIEW_13_KV_LD 356306	20.17 1.21 -0.69	17.70 1.10 -0.39	17.03 0.80 -4.28	18.43 0.63 -7.89	19.11 0.89 -4.21	21.69 1.20 0.00	22.23 1.27 0.00	25.20 1.44 0.00	25.06 1.35 0.00	23.23 1.30 0.00	22.15 1.38 0.00	19.75 1.28 0.00	17.19 1.01 0.00	18.54 1.10 0.00	17.51 1.11 0.00	17.91 1.21 0.00	24.54 1.67 0.00	21.04 1.44 0.00	22.60 1.58 0.00	26.40 1.75 0.00	22.46 1.47 0.00	19.73 1.20 0.00	18.13 1.16 0.00	17.25 1.15 0.00
ROME____115KV_TB2 80656	18.87 0.56 -0.04	16.59 0.36 -0.02	12.42 0.24 -0.22	10.55 0.23 -0.41	14.55 0.32 -0.22	21.01 0.52 0.00	21.61 0.66 0.00	24.61 0.85 0.00	24.58 0.87 0.00	22.67 0.73 0.00	21.43 0.66 0.00	19.06 0.59 0.00	16.78 0.60 0.00	18.14 0.69 0.00	16.97 0.57 0.00	17.19 0.50 0.00	23.60 0.72 0.00	20.24 0.64 0.00	21.71 0.69 0.00	25.53 0.88 0.00	21.69 0.69 0.00	19.10 0.57 0.00	17.44 0.47 0.00	16.54 0.43 0.00
ROSETON____1 23587	20.00 1.04 -0.69	17.53 0.94 -0.39	16.88 0.69 -4.24	18.26 0.55 -7.80	18.95 0.77 -4.17	21.52 1.03 0.00	22.03 1.07 0.00	24.95 1.18 0.00	24.80 1.09 0.00	22.97 1.04 0.00	21.88 1.11 0.00	19.49 1.02 0.00	16.98 0.80 0.00	18.31 0.87 0.00	17.29 0.89 0.00	17.68 0.98 0.00	24.21 1.34 0.00	20.74 1.14 0.00	22.28 1.27 0.00	26.08 1.42 0.00	22.20 1.21 0.00	19.51 0.98 0.00	17.91 0.94 0.00	17.05 0.94 0.00
ROSETON____2 23588	20.00 1.04 -0.69	17.53 0.94 -0.39	16.88 0.69 -4.24	18.26 0.55 -7.80	18.95 0.77 -4.17	21.52 1.03 0.00	22.03 1.07 0.00	24.95 1.18 0.00	24.80 1.09 0.00	22.97 1.04 0.00	21.88 1.11 0.00	19.49 1.02 0.00	16.98 0.80 0.00	18.31 0.87 0.00	17.29 0.89 0.00	17.68 0.98 0.00	24.21 1.34 0.00	20.74 1.14 0.00	22.28 1.27 0.00	26.08 1.42 0.00	22.20 1.21 0.00	19.51 0.98 0.00	17.91 0.94 0.00	17.05 0.94 0.00
ROTTDAM_115KV_TB3 80664	20.01 0.83 -0.91	17.45 0.73 -0.51	18.11 0.55 -5.61	20.70 0.45 -10.34	20.17 0.64 -5.53	21.38 0.89 0.00	21.85 0.89 0.00	24.70 0.94 0.00	24.56 0.85 0.00	22.72 0.79 0.00	21.57 0.80 0.00	19.22 0.75 0.00	16.80 0.62 0.00	18.18 0.73 0.00	17.16 0.75 0.00	17.48 0.78 0.00	23.89 1.01 0.00	20.43 0.83 0.00	21.96 0.95 0.00	25.75 1.10 0.00	21.92 0.93 0.00	19.31 0.78 0.00	17.68 0.71 0.00	16.81 0.70 0.00
RUSSELL____1 23602	18.48 0.12 -0.08	16.35 0.10 -0.05	12.51 0.05 -0.51	10.85 0.00 -0.94	14.53 0.02 -0.50	20.73 0.23 0.00	21.05 0.10 0.00	23.80 0.04 0.00	23.70 -0.01 0.00	21.84 -0.09 0.00	20.65 -0.12 0.00	18.28 -0.11 0.08	16.06 -0.09 0.03	17.10 -0.08 0.27	15.96 -0.28 0.17	15.86 -0.34 0.49	21.92 -0.41 0.55	17.39 -0.48 1.72	18.94 -0.55 1.53	23.85 -0.65 0.14	20.58 -0.41 0.00	18.41 -0.13 0.00	16.87 -0.10 0.00	16.11 0.00 0.00
RUSSELL____2 23532	18.48 0.12 -0.08	16.35 0.10 -0.05	12.51 0.05 -0.51	10.85 0.00 -0.94	14.53 0.02 -0.50	20.73 0.23 0.00	21.05 0.10 0.00	23.80 0.04 0.00	23.70 -0.01 0.00	21.84 -0.09 0.00	20.65 -0.12 0.00	18.28 -0.11 0.08	16.06 -0.09 0.03	17.10 -0.08 0.27	15.96 -0.28 0.17	15.86 -0.34 0.49	21.92 -0.41 0.55	17.39 -0.48 1.72	18.94 -0.55 1.53	23.85 -0.65 0.14	20.58 -0.41 0.00	18.41 -0.13 0.00	16.87 -0.10 0.00	16.11 0.00 0.00
RUSSELL____3 23549	18.48 0.12 -0.08	16.35 0.10 -0.05	12.51 0.05 -0.51	10.85 0.00 -0.94	14.53 0.02 -0.50	20.73 0.23 0.00	21.05 0.10 0.00	23.80 0.04 0.00	23.70 -0.01 0.00	21.84 -0.09 0.00	20.65 -0.12 0.00	18.28 -0.11 0.08	16.06 -0.09 0.03	17.10 -0.08 0.27	15.96 -0.28 0.17	15.86 -0.34 0.49	21.92 -0.41 0.55	17.39 -0.48 1.72	18.94 -0.55 1.53	23.85 -0.65 0.14	20.58 -0.41 0.00	18.41 -0.13 0.00	16.87 -0.10 0.00	16.11 0.00 0.00
RUSSELL____4 23556	18.48 0.12 -0.08	16.35 0.10 -0.05	12.51 0.05 -0.51	10.85 0.00 -0.94	14.53 0.02 -0.50	20.73 0.23 0.00	21.05 0.10 0.00	23.80 0.04 0.00	23.70 -0.01 0.00	21.84 -0.09 0.00	20.65 -0.12 0.00	18.28 -0.11 0.08	16.06 -0.09 0.03	17.10 -0.08 0.27	15.96 -0.28 0.17	15.86 -0.34 0.49	21.92 -0.41 0.55	17.39 -0.48 1.72	18.94 -0.55 1.53	23.85 -0.65 0.14	20.58 -0.41 0.00	18.41 -0.13 0.00	16.87 -0.10 0.00	16.11 0.00 0.00

RUSSELL___STATION 23914	18.48 0.12 -0.08	16.35 0.10 -0.05	12.51 0.05 -0.51	10.85 0.00 -0.94	14.53 0.02 -0.50	20.73 0.23 0.00	21.05 0.10 0.00	23.80 0.04 0.00	23.70 -0.01 0.00	21.84 -0.09 0.00	20.65 -0.12 0.00	18.28 -0.11 0.08	16.06 -0.09 0.03	17.10 -0.08 0.27	15.96 -0.28 0.17	15.86 -0.34 0.49	21.92 -0.41 0.55	17.39 -0.48 1.72	18.94 -0.55 1.53	23.85 -0.65 0.14	20.58 -0.41 0.00	18.41 -0.13 0.00	16.87 -0.10 0.00	16.11 0.00 0.00
S SALMON___HYD 24043	18.26 -0.07 -0.05	16.00 -0.23 -0.03	12.06 -0.20 -0.31	10.32 -0.16 -0.58	14.10 -0.22 -0.31	20.22 -0.26 0.00	20.88 -0.08 0.00	23.83 0.07 0.00	23.74 0.02 0.00	21.91 -0.03 0.00	20.53 -0.25 0.00	18.38 -0.09 0.00	16.21 0.03 0.00	17.48 0.03 0.00	16.24 -0.17 0.00	16.40 -0.29 0.00	22.59 -0.28 0.00	19.37 -0.23 0.00	20.81 -0.21 0.00	24.46 -0.19 0.00	20.76 -0.24 0.00	18.37 -0.16 0.00	16.76 -0.20 0.00	15.93 -0.18 0.00
S.PERRY__115KV_TB1 80734	18.81 0.41 -0.13	16.57 0.29 -0.07	12.90 0.17 -0.78	11.43 0.09 -1.43	14.93 0.16 -0.77	20.98 0.49 0.00	21.40 0.44 0.00	24.21 0.45 0.00	23.96 0.25 0.00	22.00 0.07 0.00	20.80 0.03 0.00	20.21 -0.11 -1.84	16.78 -0.10 -0.70	23.70 0.08 -6.18	20.24 -0.08 -3.92	27.98 -0.05 -11.34	47.48 0.01 -24.59	58.77 -0.19 -39.36	55.85 -0.33 -35.17	27.60 -0.37 -3.32	21.07 0.08 0.00	18.93 0.40 0.00	17.34 0.38 0.00	16.49 0.38 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.17 -0.22 -0.11	16.08 -0.19 -0.06	12.47 -0.16 -0.68	10.99 -0.17 -1.26	14.43 -0.24 -0.67	20.43 -0.06 0.00	20.58 -0.37 0.00	23.23 -0.53 0.00	23.12 -0.59 0.00	21.26 -0.67 0.00	20.10 -0.67 0.00	17.26 -0.69 0.53	15.36 -0.62 0.20	15.05 -0.63 1.76	14.43 -0.85 1.12	12.57 -0.91 3.22	14.98 -1.15 6.75	7.75 -1.10 10.74	9.81 -1.28 9.93	22.10 -1.61 0.94	19.82 -1.17 0.00	17.89 -0.64 0.00	16.48 -0.49 0.00	15.83 -0.27 0.00
SAWYER__23_KV_LOAD 55526	18.17 -0.22 -0.11	16.08 -0.19 -0.06	12.47 -0.16 -0.68	10.99 -0.17 -1.26	14.43 -0.24 -0.67	20.43 -0.06 0.00	20.58 -0.37 0.00	23.23 -0.53 0.00	23.12 -0.59 0.00	21.26 -0.67 0.00	20.10 -0.67 0.00	17.26 -0.69 0.53	15.36 -0.62 0.20	15.05 -0.63 1.76	14.43 -0.85 1.12	12.57 -0.91 3.22	14.98 -1.15 6.75	7.75 -1.10 10.74	9.81 -1.28 9.93	22.10 -1.61 0.94	19.82 -1.17 0.00	17.89 -0.64 0.00	16.48 -0.49 0.00	15.83 -0.27 0.00
SELKIRK___I 23801	19.88 0.76 -0.84	17.38 0.70 -0.48	17.71 0.53 -5.22	20.00 0.48 -9.62	19.81 0.66 -5.14	21.37 0.88 0.00	21.76 0.81 0.00	24.56 0.80 0.00	24.39 0.68 0.00	22.58 0.65 0.00	21.44 0.67 0.00	19.07 0.59 0.00	16.63 0.45 0.00	17.97 0.53 0.00	16.97 0.56 0.00	17.29 0.59 0.00	23.57 0.70 0.00	20.19 0.60 0.00	21.74 0.73 0.00	25.51 0.86 0.00	21.71 0.72 0.00	19.11 0.58 0.00	17.52 0.55 0.00	16.70 0.60 0.00
SELKIRK___II 23799	19.79 0.66 -0.85	17.30 0.61 -0.48	17.71 0.47 -5.29	20.06 0.42 -9.74	19.78 0.57 -5.21	21.22 0.73 0.00	21.62 0.67 0.00	24.43 0.67 0.00	24.28 0.56 0.00	22.49 0.56 0.00	21.36 0.59 0.00	19.00 0.52 0.00	16.57 0.38 0.00	17.90 0.45 0.00	16.89 0.48 0.00	17.22 0.52 0.00	23.49 0.61 0.00	20.12 0.51 0.00	21.65 0.63 0.00	25.39 0.74 0.00	21.61 0.62 0.00	19.01 0.48 0.00	17.44 0.47 0.00	16.62 0.52 0.00
SENECA OSWGO___HYD 24041	18.20 -0.13 -0.06	16.08 -0.15 -0.03	12.18 -0.12 -0.35	10.44 -0.10 -0.64	14.20 -0.15 -0.34	20.33 -0.15 0.00	20.80 -0.16 0.00	23.60 -0.17 0.00	23.52 -0.19 0.00	21.74 -0.20 0.00	20.57 -0.21 0.00	18.27 -0.20 0.00	16.03 -0.15 0.00	17.30 -0.14 0.00	16.22 -0.18 0.00	16.50 -0.19 0.00	22.62 -0.26 0.00	19.35 -0.25 0.00	20.75 -0.27 0.00	24.32 -0.33 0.00	20.74 -0.26 0.00	18.35 -0.19 0.00	16.79 -0.18 0.00	15.95 -0.15 0.00
SENECA___115KV_TB3 355854	18.38 -0.01 -0.12	16.25 -0.02 -0.06	12.61 -0.06 -0.72	11.14 -0.08 -1.32	14.60 -0.11 -0.70	20.64 0.15 0.00	20.83 -0.12 0.00	23.56 -0.20 0.00	23.48 -0.23 0.00	21.59 -0.34 0.00	20.43 -0.34 0.00	17.50 -0.42 0.56	15.58 -0.39 0.21	15.19 -0.37 1.88	14.63 -0.59 1.19	12.64 -0.63 3.43	15.02 -0.74 7.12	7.39 -0.77 11.44	9.58 -0.93 10.51	22.48 -1.19 0.98	20.17 -0.82 0.00	18.18 -0.35 0.00	16.74 -0.23 0.00	16.06 -0.05 0.00
SENECA___ENERGY 23797	18.32 -0.04 -0.08	16.19 -0.06 -0.05	12.40 -0.05 -0.50	10.76 -0.07 -0.92	14.42 -0.08 -0.49	20.49 0.00 0.00	20.94 -0.01 0.00	23.73 -0.03 0.00	23.61 -0.10 0.00	21.80 -0.13 0.00	20.63 -0.14 0.00	18.33 -0.15 0.00	16.04 -0.14 0.00	17.35 -0.10 0.00	16.24 -0.16 0.00	16.50 -0.19 0.00	22.61 -0.26 0.00	19.32 -0.28 0.00	20.69 -0.33 0.00	24.25 -0.40 0.00	20.71 -0.28 0.00	18.39 -0.14 0.00	16.85 -0.12 0.00	16.03 -0.08 0.00
SHOEMAKER___GT 23640	19.87 0.96 -0.63	17.43 0.87 -0.36	16.48 0.63 -3.90	17.58 0.50 -7.18	18.55 0.71 -3.83	21.45 0.96 0.00	21.98 1.02 0.00	24.89 1.12 0.00	24.73 1.02 0.00	22.89 0.95 0.00	21.76 0.99 0.00	19.37 0.90 0.00	16.88 0.70 0.00	18.19 0.75 0.00	17.17 0.77 0.00	17.57 0.88 0.00	24.08 1.20 0.00	20.61 1.01 0.00	22.11 1.10 0.00	25.90 1.25 0.00	22.07 1.07 0.00	19.42 0.89 0.00	17.83 0.86 0.00	16.96 0.85 0.00
SHOEMAKR_138KV_BK 111 55601	19.85 0.94 -0.63	17.40 0.84 -0.35	16.44 0.62 -3.87	17.52 0.49 -7.13	18.51 0.69 -3.81	21.44 0.95 0.00	21.95 0.99 0.00	24.86 1.09 0.00	24.72 1.00 0.00	22.87 0.94 0.00	21.76 0.99 0.00	19.37 0.89 0.00	16.88 0.70 0.00	18.19 0.74 0.00	17.17 0.76 0.00	17.57 0.87 0.00	24.06 1.18 0.00	20.60 1.01 0.00	22.10 1.08 0.00	25.89 1.24 0.00	22.05 1.06 0.00	19.40 0.87 0.00	17.81 0.84 0.00	16.94 0.83 0.00
SHOREHAM_IC_1 23715	44.52 1.59 -24.65	45.96 1.54 -28.21	19.53 1.14 -6.43	19.36 0.91 -8.55	32.93 1.26 -17.66	39.20 1.78 -16.93	29.67 1.81 -6.91	25.74 1.98 0.00	27.68 1.67 -2.31	23.28 1.35 0.00	22.16 1.34 -0.05	20.01 1.18 -0.35	17.02 0.84 0.00	18.32 0.87 0.00	17.18 0.79 0.01	14.50 0.72 2.92	23.94 1.06 0.00	20.58 0.98 0.00	22.30 1.29 0.00	26.35 1.70 0.00	22.45 1.46 0.00	20.55 1.32 -0.70	19.16 1.27 -0.93	51.86 1.35 -34.41
SHOREHAM_IC_2 23716	44.52 1.59 -24.65	45.96 1.54 -28.21	19.53 1.14 -6.43	19.36 0.91 -8.55	32.93 1.26 -17.66	39.20 1.78 -16.93	29.67 1.81 -6.91	25.74 1.98 0.00	27.68 1.67 -2.31	23.28 1.35 0.00	22.16 1.34 -0.05	20.01 1.18 -0.35	17.02 0.84 0.00	18.32 0.87 0.00	17.18 0.79 0.01	14.50 0.72 2.92	23.94 1.06 0.00	20.58 0.98 0.00	22.30 1.29 0.00	26.35 1.70 0.00	22.45 1.46 0.00	20.55 1.32 -0.70	19.16 1.27 -0.93	51.86 1.35 -34.41
SISSONVILLE___ 23735	17.72 -0.55 0.00	15.65 -0.56 0.00	11.53 -0.42 0.00	9.59 -0.32 0.00	13.57 -0.43 0.00	19.88 -0.61 0.00	20.49 -0.47 0.00	23.43 -0.33 0.00	23.49 -0.22 0.00	21.72 -0.21 0.00	20.39 -0.38 0.00	18.18 -0.30 0.00	16.04 -0.14 0.00	17.18 -0.27 0.00	15.90 -0.50 0.00	16.09 -0.61 0.00	22.20 -0.67 0.00	19.11 -0.49 0.00	20.48 -0.53 0.00	24.09 -0.56 0.00	20.54 -0.45 0.00	18.31 -0.22 0.00	16.75 -0.22 0.00	15.85 -0.25 0.00

SITHE_IND_GS1 24169	17.96 -0.36 -0.05	15.89 -0.34 -0.03	11.97 -0.25 -0.28	10.20 -0.21 -0.51	13.98 -0.30 -0.28	20.10 -0.40 0.00	20.54 -0.42 0.00	23.29 -0.47 0.00	23.23 -0.48 0.00	21.47 -0.46 0.00	20.33 -0.44 0.00	18.08 -0.40 0.00	15.83 -0.35 0.00	17.08 -0.37 0.00	16.02 -0.38 0.00	16.31 -0.38 0.00	22.34 -0.53 0.00	19.11 -0.48 0.00	20.50 -0.51 0.00	24.04 -0.61 0.00	20.48 -0.51 0.00	18.12 -0.41 0.00	16.60 -0.37 0.00	15.77 -0.34 0.00
SITHE_IND_GS2 24170	17.96 -0.36 -0.05	15.89 -0.34 -0.03	11.97 -0.25 -0.28	10.20 -0.21 -0.51	13.98 -0.30 -0.28	20.10 -0.40 0.00	20.54 -0.42 0.00	23.29 -0.47 0.00	23.23 -0.48 0.00	21.47 -0.46 0.00	20.33 -0.44 0.00	18.08 -0.40 0.00	15.83 -0.35 0.00	17.08 -0.37 0.00	16.02 -0.38 0.00	16.31 -0.38 0.00	22.34 -0.53 0.00	19.11 -0.48 0.00	20.50 -0.51 0.00	24.04 -0.61 0.00	20.48 -0.51 0.00	18.12 -0.41 0.00	16.60 -0.37 0.00	15.77 -0.34 0.00
SITHE_IND_GS3 24171	17.96 -0.36 -0.05	15.89 -0.34 -0.03	11.97 -0.25 -0.28	10.20 -0.21 -0.51	13.98 -0.30 -0.28	20.10 -0.40 0.00	20.54 -0.42 0.00	23.29 -0.47 0.00	23.23 -0.48 0.00	21.47 -0.46 0.00	20.33 -0.44 0.00	18.08 -0.40 0.00	15.83 -0.35 0.00	17.08 -0.37 0.00	16.02 -0.38 0.00	16.31 -0.38 0.00	22.34 -0.53 0.00	19.11 -0.48 0.00	20.50 -0.51 0.00	24.04 -0.61 0.00	20.48 -0.51 0.00	18.12 -0.41 0.00	16.60 -0.37 0.00	15.77 -0.34 0.00
SITHE_IND_GS4 24172	17.96 -0.36 -0.05	15.89 -0.34 -0.03	11.97 -0.25 -0.28	10.20 -0.21 -0.51	13.98 -0.30 -0.28	20.10 -0.40 0.00	20.54 -0.42 0.00	23.29 -0.47 0.00	23.23 -0.48 0.00	21.47 -0.46 0.00	20.33 -0.44 0.00	18.08 -0.40 0.00	15.83 -0.35 0.00	17.08 -0.37 0.00	16.02 -0.38 0.00	16.31 -0.38 0.00	22.34 -0.53 0.00	19.11 -0.48 0.00	20.50 -0.51 0.00	24.04 -0.61 0.00	20.48 -0.51 0.00	18.12 -0.41 0.00	16.60 -0.37 0.00	15.77 -0.34 0.00
SITHE___BATAVIA 24024	18.83 0.47 -0.08	16.64 0.39 -0.05	12.72 0.25 -0.51	11.03 0.18 -0.95	14.79 0.28 -0.51	21.14 0.65 0.00	21.50 0.55 0.00	24.27 0.50 0.00	24.09 0.38 0.00	22.16 0.23 0.00	20.93 0.16 0.00	18.50 0.10 0.07	16.32 0.16 0.03	17.41 0.21 0.25	16.23 -0.01 0.16	16.15 -0.09 0.46	22.35 -0.09 0.44	17.82 -0.19 1.59	19.28 -0.32 1.42	24.17 -0.35 0.13	20.90 -0.09 0.00	18.74 0.21 0.00	17.19 0.22 0.00	16.42 0.32 0.00
SITHE___INDEPEND 23800	17.96 -0.36 -0.05	15.89 -0.34 -0.03	11.97 -0.25 -0.28	10.20 -0.21 -0.51	13.98 -0.30 -0.28	20.09 -0.40 0.00	20.54 -0.41 0.00	23.30 -0.47 0.00	23.23 -0.48 0.00	21.47 -0.46 0.00	20.33 -0.44 0.00	18.08 -0.40 0.00	15.83 -0.35 0.00	17.07 -0.37 0.00	16.02 -0.38 0.00	16.30 -0.39 0.00	22.34 -0.54 0.00	19.11 -0.49 0.00	20.50 -0.52 0.00	24.04 -0.62 0.00	20.48 -0.51 0.00	18.12 -0.41 0.00	16.60 -0.37 0.00	15.77 -0.33 0.00
SITHE___MASSENA 23902	17.83 -0.45 0.00	15.80 -0.40 0.00	11.65 -0.30 0.00	9.68 -0.23 0.00	13.69 -0.31 0.00	20.04 -0.45 0.00	20.53 -0.43 0.00	23.37 -0.39 0.00	23.42 -0.29 0.00	21.69 -0.25 0.00	20.42 -0.35 0.00	18.17 -0.30 0.00	16.00 -0.18 0.00	17.22 -0.23 0.00	16.14 -0.26 0.00	16.38 -0.32 0.00	22.56 -0.32 0.00	19.39 -0.21 0.00	20.77 -0.25 0.00	24.38 -0.27 0.00	20.77 -0.23 0.00	18.40 -0.14 0.00	16.79 -0.18 0.00	15.90 -0.20 0.00
SITHE___OGDNSBRG 24021	17.94 -0.34 0.00	15.86 -0.35 0.00	11.69 -0.26 0.00	9.73 -0.18 0.00	13.75 -0.25 0.00	20.15 -0.33 0.00	20.71 -0.24 0.00	23.62 -0.14 0.00	23.70 -0.01 0.00	22.01 0.07 0.00	20.67 -0.10 0.00	18.41 -0.07 0.00	16.23 0.05 0.00	17.43 -0.02 0.00	16.21 -0.19 0.00	16.43 -0.27 0.00	22.64 -0.24 0.00	19.46 -0.13 0.00	20.86 -0.16 0.00	24.53 -0.12 0.00	20.96 -0.03 0.00	18.62 0.09 0.00	16.96 -0.01 0.00	16.04 -0.06 0.00
SITHE___STERLING 23777	18.76 0.45 -0.04	16.54 0.31 -0.02	12.42 0.21 -0.26	10.58 0.19 -0.48	14.54 0.28 -0.26	20.95 0.47 0.00	21.49 0.53 0.00	24.42 0.66 0.00	24.39 0.68 0.00	22.47 0.54 0.00	21.32 0.55 0.00	18.94 0.46 0.00	16.60 0.42 0.00	17.95 0.50 0.00	16.85 0.45 0.00	17.12 0.42 0.00	23.46 0.58 0.00	20.08 0.48 0.00	21.54 0.52 0.00	25.30 0.65 0.00	21.54 0.55 0.00	18.99 0.46 0.00	17.36 0.39 0.00	16.46 0.36 0.00
SLEIGHT__34_KV_TB1 80719	18.65 0.30 -0.08	16.48 0.22 -0.05	12.61 0.15 -0.51	10.95 0.11 -0.94	14.67 0.17 -0.50	20.87 0.38 0.00	21.36 0.41 0.00	24.25 0.48 0.00	24.15 0.44 0.00	22.30 0.37 0.00	21.11 0.34 0.00	18.75 0.28 0.00	16.42 0.24 0.00	17.74 0.29 0.00	16.61 0.21 0.00	16.89 0.19 0.00	23.15 0.27 0.00	19.77 0.18 0.00	21.16 0.14 0.00	24.81 0.16 0.00	21.21 0.22 0.00	18.80 0.27 0.00	17.20 0.24 0.00	16.35 0.24 0.00
SOUTH CAIRO___GT 23612	20.26 1.18 -0.81	17.73 1.06 -0.46	17.74 0.79 -5.00	19.81 0.70 -9.20	19.92 0.99 -4.92	21.89 1.40 0.00	22.32 1.36 0.00	25.17 1.41 0.00	24.92 1.21 0.00	23.03 1.10 0.00	21.81 1.04 0.00	19.30 0.82 0.00	16.83 0.66 0.00	18.23 0.78 0.00	17.35 0.94 0.00	17.82 1.12 0.00	24.22 1.34 0.00	20.76 1.16 0.00	22.37 1.35 0.00	26.26 1.61 0.00	22.36 1.37 0.00	19.68 1.15 0.00	17.96 1.00 0.00	17.09 0.99 0.00
SOUTH HAMPTN___IC 23720	44.92 1.99 -24.65	46.30 1.88 -28.22	19.78 1.40 -6.43	19.57 1.12 -8.55	33.24 1.57 -17.67	39.66 2.24 -16.93	30.19 2.33 -6.91	26.32 2.56 0.00	28.23 2.21 -2.31	23.79 1.85 0.00	22.63 1.81 -0.05	20.42 1.60 -0.35	17.35 1.17 0.00	18.67 1.22 0.00	17.53 1.13 0.01	15.00 1.11 2.80	24.55 1.67 0.00	21.10 1.50 0.00	22.84 1.82 0.00	26.97 2.32 0.00	22.97 1.98 0.00	21.01 1.78 -0.70	19.57 1.67 -0.93	52.24 1.72 -34.41
SOUTHDOW_115KV_TB1 355954	18.85 0.45 -0.13	16.60 0.32 -0.07	12.93 0.20 -0.78	11.46 0.13 -1.43	14.94 0.17 -0.76	21.09 0.60 0.00	21.53 0.57 0.00	24.63 0.86 0.00	24.72 1.01 0.00	22.90 0.96 0.00	21.64 0.87 0.00	18.82 0.62 0.27	16.62 0.54 0.10	17.15 0.62 0.91	15.97 0.17 0.61	15.05 0.11 1.76	19.59 0.28 3.57	13.55 0.09 6.14	15.31 -0.02 5.69	24.02 -0.09 0.54	21.06 0.07 0.00	18.91 0.38 0.00	17.37 0.40 0.00	16.60 0.49 0.00
SOUTHOLD_69_KV_BK 2 55809	45.20 2.27 -24.65	46.54 2.12 -28.22	19.95 1.57 -6.43	19.70 1.24 -8.55	33.44 1.76 -17.67	39.98 2.56 -16.93	30.54 2.67 -6.91	26.70 2.94 0.00	28.58 2.56 -2.31	24.08 2.15 0.00	22.90 2.07 -0.05	20.64 1.82 -0.35	17.52 1.34 0.00	18.84 1.39 0.00	17.69 1.29 0.01	15.18 1.29 2.80	24.88 2.01 0.00	21.40 1.80 0.00	23.16 2.14 0.00	27.36 2.71 0.00	23.31 2.32 0.00	21.30 2.07 -0.70	19.84 1.94 -0.93	52.45 1.94 -34.41
SOUTHOLD___IC 23719	45.18 2.25 -24.65	46.54 2.12 -28.22	19.96 1.58 -6.43	19.71 1.26 -8.55	33.45 1.78 -17.67	39.97 2.55 -16.93	30.54 2.67 -6.91	26.71 2.95 0.00	28.57 2.55 -2.31	24.08 2.15 0.00	22.90 2.07 -0.05	20.64 1.82 -0.35	17.52 1.33 0.00	18.84 1.39 0.00	17.69 1.29 0.01	15.18 1.29 2.80	24.88 2.00 0.00	21.40 1.80 0.00	23.16 2.14 0.00	27.36 2.71 0.00	23.31 2.32 0.00	21.30 2.07 -0.70	19.84 1.94 -0.93	52.47 1.96 -34.41

SPIERFLS_115KV_TB 1 80737	20.26 1.09 -0.90	17.63 0.92 -0.51	18.18 0.69 -5.54	20.64 0.53 -10.20	20.26 0.80 -5.45	21.65 1.17 0.00	22.15 1.20 0.00	24.98 1.22 0.00	24.77 1.06 0.00	22.92 0.99 0.00	21.80 1.03 0.00	19.47 0.99 0.00	17.02 0.84 0.00	18.53 1.08 0.00	17.54 1.14 0.00	17.84 1.14 0.00	24.29 1.42 0.00	20.72 1.12 0.00	22.36 1.34 0.00	26.15 1.50 0.00	22.23 1.24 0.00	19.56 1.03 0.00	17.87 0.90 0.00	16.97 0.86 0.00
ST LAWRENCE____ 23600	17.69 -0.58 0.00	15.70 -0.50 0.00	11.58 -0.37 0.00	9.61 -0.29 0.00	13.60 -0.41 0.00	19.89 -0.59 0.00	20.37 -0.59 0.00	23.17 -0.59 0.00	23.22 -0.49 0.00	21.49 -0.44 0.00	20.27 -0.50 0.00	18.02 -0.45 0.00	15.85 -0.33 0.00	17.07 -0.37 0.00	16.02 -0.39 0.00	16.25 -0.44 0.00	22.36 -0.51 0.00	19.23 -0.36 0.00	20.59 -0.43 0.00	24.17 -0.48 0.00	20.57 -0.42 0.00	18.20 -0.33 0.00	16.61 -0.35 0.00	15.73 -0.38 0.00
STATE_CA_115KV_115_LB 55624	19.85 0.70 -0.87	17.36 0.66 -0.49	17.87 0.51 -5.42	20.35 0.48 -9.97	19.98 0.65 -5.33	21.30 0.81 0.00	21.67 0.71 0.00	24.46 0.70 0.00	24.33 0.62 0.00	22.55 0.62 0.00	21.43 0.66 0.00	19.04 0.56 0.00	16.60 0.42 0.00	17.93 0.48 0.00	16.93 0.53 0.00	17.25 0.56 0.00	23.48 0.60 0.00	20.11 0.51 0.00	21.64 0.62 0.00	25.37 0.72 0.00	21.61 0.62 0.00	18.98 0.45 0.00	17.41 0.45 0.00	16.62 0.52 0.00
STATE_ST_34_KV_LOAD 55959	18.72 0.36 -0.09	16.55 0.29 -0.05	12.68 0.20 -0.53	11.00 0.11 -0.98	14.73 0.21 -0.52	20.90 0.42 0.00	21.44 0.48 0.00	24.30 0.54 0.00	24.19 0.48 0.00	22.34 0.41 0.00	21.16 0.39 0.00	18.80 0.32 0.00	16.46 0.28 0.00	17.76 0.32 0.00	16.68 0.28 0.00	16.99 0.30 0.00	23.27 0.39 0.00	19.89 0.29 0.00	21.32 0.30 0.00	25.01 0.36 0.00	21.34 0.35 0.00	18.88 0.35 0.00	17.26 0.29 0.00	16.39 0.28 0.00
STATION 5_MISC_HYD 23604	18.38 0.03 -0.08	16.26 0.01 -0.05	12.46 0.00 -0.51	10.81 -0.03 -0.94	14.47 -0.04 -0.50	20.63 0.14 0.00	20.95 -0.01 0.00	23.67 -0.10 0.00	23.56 -0.15 0.00	21.73 -0.20 0.00	20.54 -0.23 0.00	18.18 -0.22 0.08	15.96 -0.19 0.03	17.00 -0.18 0.27	15.87 -0.36 0.17	15.80 -0.40 0.49	21.90 -0.51 0.48	17.32 -0.57 1.72	18.84 -0.65 1.53	23.73 -0.78 0.14	20.46 -0.53 0.00	18.30 -0.23 0.00	16.78 -0.19 0.00	16.04 -0.07 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.43 0.08 -0.08	16.29 0.04 -0.04	12.45 0.02 -0.48	10.80 0.00 -0.89	14.48 0.00 -0.48	20.65 0.16 0.00	21.05 0.09 0.00	23.84 0.08 0.00	23.75 0.04 0.00	21.90 -0.03 0.00	20.70 -0.07 0.00	18.39 -0.08 0.00	16.12 -0.06 0.00	17.42 -0.03 0.00	16.23 -0.18 0.00	16.48 -0.22 0.00	22.62 -0.26 0.00	19.26 -0.32 0.01	20.64 -0.37 0.00	24.20 -0.45 0.00	20.71 -0.28 0.00	18.46 -0.07 0.00	16.90 -0.06 0.00	16.12 0.01 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.28 -0.08 -0.08	16.17 -0.08 -0.05	12.37 -0.08 -0.50	10.74 -0.09 -0.93	14.38 -0.12 -0.49	20.50 0.01 0.00	20.83 -0.13 0.00	23.56 -0.20 0.00	23.47 -0.24 0.00	21.64 -0.29 0.00	20.46 -0.31 0.00	18.10 -0.30 0.08	15.90 -0.25 0.03	16.93 -0.25 0.27	15.82 -0.42 0.17	15.73 -0.48 0.49	21.82 -0.59 0.47	17.27 -0.64 1.69	18.81 -0.71 1.50	23.66 -0.85 0.14	20.39 -0.60 0.00	18.23 -0.31 0.00	16.71 -0.26 0.00	15.96 -0.15 0.00
STA_56____34_KV_BUS2 355983	18.28 -0.08 -0.08	16.17 -0.08 -0.05	12.37 -0.08 -0.50	10.74 -0.09 -0.93	14.38 -0.12 -0.49	20.50 0.01 0.00	20.83 -0.13 0.00	23.56 -0.20 0.00	23.47 -0.24 0.00	21.64 -0.29 0.00	20.46 -0.31 0.00	18.10 -0.30 0.08	15.90 -0.25 0.03	16.93 -0.25 0.27	15.82 -0.42 0.17	15.73 -0.48 0.49	21.82 -0.59 0.47	17.27 -0.64 1.69	18.81 -0.71 1.50	23.66 -0.85 0.14	20.39 -0.60 0.00	18.23 -0.31 0.00	16.71 -0.26 0.00	15.96 -0.15 0.00
STA_67____115KV_BK2 355882	18.35 -0.01 -0.08	16.23 -0.02 -0.05	12.43 -0.03 -0.51	10.79 -0.06 -0.94	14.44 -0.07 -0.50	20.58 0.10 0.00	20.90 -0.06 0.00	23.63 -0.13 0.00	23.52 -0.19 0.00	21.68 -0.26 0.00	20.50 -0.28 0.00	18.12 -0.27 0.08	15.92 -0.23 0.03	16.94 -0.22 0.28	15.82 -0.40 0.17	15.72 -0.47 0.51	21.31 -0.58 1.00	17.20 -0.63 1.76	18.74 -0.71 1.56	23.66 -0.85 0.15	20.41 -0.58 0.00	18.26 -0.27 0.00	16.75 -0.22 0.00	16.00 -0.11 0.00
STA_7____115KV_9TRANS 80674	18.48 0.12 -0.08	16.35 0.10 -0.05	12.51 0.05 -0.51	10.85 0.00 -0.94	14.53 0.02 -0.50	20.73 0.23 0.00	21.05 0.10 0.00	23.80 0.04 0.00	23.70 -0.01 0.00	21.84 -0.09 0.00	20.65 -0.12 0.00	18.28 -0.11 0.08	16.06 -0.09 0.03	17.10 -0.08 0.27	15.96 -0.28 0.17	15.86 -0.34 0.49	21.92 -0.41 0.55	17.39 -0.48 1.72	18.94 -0.55 1.53	23.85 -0.65 0.14	20.58 -0.41 0.00	18.41 -0.13 0.00	16.87 -0.10 0.00	16.11 0.00 0.00
STA_82____115KV_TB1 80780	18.35 -0.01 -0.08	16.24 -0.02 -0.05	12.43 -0.03 -0.51	10.80 -0.05 -0.95	14.45 -0.07 -0.51	20.59 0.11 0.00	20.91 -0.04 0.00	23.64 -0.12 0.00	23.53 -0.18 0.00	21.69 -0.25 0.00	20.50 -0.27 0.00	18.15 -0.26 0.07	15.93 -0.22 0.03	16.99 -0.21 0.24	15.86 -0.39 0.15	15.80 -0.46 0.44	21.89 -0.56 0.42	17.46 -0.62 1.52	18.97 -0.69 1.35	23.69 -0.83 0.13	20.43 -0.57 0.00	18.27 -0.26 0.00	16.75 -0.21 0.00	16.01 -0.10 0.00
STEEL____WIND 323596	18.37 -0.03 -0.12	16.23 -0.05 -0.06	12.60 -0.07 -0.72	11.14 -0.09 -1.32	14.59 -0.12 -0.70	20.62 0.13 0.00	20.82 -0.14 0.00	23.51 -0.25 0.00	23.44 -0.27 0.00	21.56 -0.37 0.00	20.40 -0.37 0.00	17.47 -0.45 0.56	15.55 -0.42 0.21	15.16 -0.40 1.88	14.60 -0.61 1.19	12.64 -0.63 3.43	15.02 -0.75 7.11	7.39 -0.77 11.44	9.57 -0.94 10.51	22.45 -1.22 0.98	20.15 -0.84 0.00	18.16 -0.38 0.00	16.72 -0.25 0.00	16.03 -0.07 0.00
STEPHTWN_115KV_BK_2 55603	19.90 0.77 -0.86	17.38 0.69 -0.48	17.79 0.53 -5.30	20.16 0.49 -9.77	19.92 0.70 -5.22	21.37 0.88 0.00	21.79 0.83 0.00	24.61 0.85 0.00	24.44 0.73 0.00	22.57 0.64 0.00	21.44 0.67 0.00	19.06 0.59 0.00	16.64 0.46 0.00	18.00 0.55 0.00	16.98 0.58 0.00	17.29 0.59 0.00	23.62 0.75 0.00	20.23 0.63 0.00	21.79 0.77 0.00	25.60 0.95 0.00	21.78 0.79 0.00	19.11 0.58 0.00	17.51 0.54 0.00	16.72 0.61 0.00
STEBEN_REC_LFGE 323667	18.44 0.01 -0.16	16.20 -0.10 -0.09	12.84 -0.12 -1.02	11.63 -0.15 -1.87	14.80 -0.20 -1.00	20.39 -0.10 0.00	20.93 -0.02 0.00	23.90 0.14 0.00	24.01 0.30 0.00	22.21 0.27 0.00	20.97 0.20 0.00	19.81 0.02 -1.32	16.60 -0.08 -0.50	21.74 -0.11 -4.41	19.05 -0.15 -2.79	24.77 -0.01 -8.08	40.32 0.05 -17.40	47.36 -0.18 -27.94	45.74 -0.30 -25.02	26.54 -0.46 -2.36	20.98 -0.01 0.00	18.82 0.29 0.00	17.27 0.30 0.00	16.31 0.20 0.00
STONY____BROOK 24151	44.70 1.78 -24.65	46.05 1.64 -28.20	19.59 1.21 -6.43	19.40 0.94 -8.55	32.99 1.33 -17.66	39.26 1.85 -16.92	29.81 1.94 -6.91	25.91 2.15 0.00	27.93 1.91 -2.31	23.53 1.60 0.00	22.41 1.59 -0.05	20.24 1.41 -0.35	17.23 1.05 0.00	18.54 1.10 0.00	17.45 1.06 0.01	14.19 1.06 3.57	24.40 1.52 0.00	20.94 1.34 0.00	22.51 1.49 0.00	26.51 1.86 0.00	22.59 1.60 0.00	20.72 1.49 -0.70	19.35 1.45 -0.93	52.08 1.56 -34.41

STURGEON_POOL_HYD 23609	20.12 1.15 -0.70	17.64 1.04 -0.39	17.01 0.73 -4.32	18.43 0.57 -7.96	19.06 0.80 -4.25	21.59 1.10 0.00	22.15 1.20 0.00	25.11 1.35 0.00	24.97 1.26 0.00	23.13 1.20 0.00	22.04 1.27 0.00	19.65 1.17 0.00	17.11 0.93 0.00	18.44 0.99 0.00	17.40 0.99 0.00	17.85 1.16 0.00	24.52 1.64 0.00	21.00 1.40 0.00	22.52 1.50 0.00	26.33 1.68 0.00	22.42 1.43 0.00	19.70 1.16 0.00	18.09 1.12 0.00	17.20 1.10 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.91 0.99 -0.64	17.45 0.88 -0.36	16.58 0.65 -3.98	17.76 0.52 -7.34	18.66 0.73 -3.92	21.47 0.98 0.00	21.99 1.03 0.00	24.91 1.15 0.00	24.77 1.06 0.00	22.94 1.00 0.00	21.84 1.07 0.00	19.46 0.99 0.00	16.96 0.78 0.00	18.27 0.82 0.00	17.25 0.85 0.00	17.64 0.95 0.00	24.18 1.30 0.00	20.71 1.11 0.00	22.20 1.18 0.00	26.01 1.35 0.00	22.14 1.15 0.00	19.46 0.93 0.00	17.87 0.90 0.00	17.01 0.90 0.00
SWANROAD_115KV_TB1 355699	17.61 -0.77 -0.11	15.62 -0.65 -0.06	12.07 -0.53 -0.66	10.62 -0.49 -1.21	13.97 -0.69 -0.65	19.88 -0.60 0.00	19.95 -1.00 0.00	22.47 -1.30 0.00	22.36 -1.35 0.00	20.55 -1.39 0.00	19.42 -1.35 0.00	16.79 -1.26 0.43	14.93 -1.09 0.16	15.03 -0.99 1.43	14.28 -1.22 0.90	12.85 -1.26 2.59	15.70 -1.76 5.42	9.22 -1.52 8.86	11.33 -1.73 7.96	21.59 -2.30 0.76	19.27 -1.72 0.00	17.44 -1.09 0.00	16.07 -0.90 0.00	15.48 -0.63 0.00
SYNERGY___BIOGAS 323694	18.83 0.47 -0.08	16.64 0.39 -0.05	12.72 0.25 -0.51	11.03 0.18 -0.95	14.79 0.28 -0.51	21.14 0.65 0.00	21.50 0.55 0.00	24.27 0.50 0.00	24.09 0.38 0.00	22.16 0.23 0.00	20.93 0.16 0.00	18.50 0.10 0.07	16.32 0.16 0.03	17.41 0.21 0.25	16.23 -0.01 0.16	16.15 -0.09 0.46	22.35 -0.09 0.44	17.82 -0.19 1.59	19.28 -0.32 1.42	24.17 -0.35 0.13	20.90 -0.09 0.00	18.74 0.21 0.00	17.19 0.22 0.00	16.42 0.32 0.00
SYRACUSE___ENERGY_ST1 323597	18.42 0.07 -0.07	16.29 0.04 -0.04	12.41 0.03 -0.44	10.73 0.02 -0.81	14.45 0.02 -0.43	20.58 0.09 0.00	21.06 0.11 0.00	23.88 0.12 0.00	23.81 0.09 0.00	22.00 0.07 0.00	20.84 0.07 0.00	18.52 0.04 0.00	16.22 0.04 0.00	17.50 0.05 0.00	16.43 0.03 0.00	16.73 0.03 0.00	22.91 0.03 0.00	19.59 -0.01 0.00	21.01 -0.01 0.00	24.62 -0.03 0.00	20.99 0.00 0.00	18.57 0.03 0.00	16.99 0.03 0.00	16.15 0.04 0.00
SYRACUSE___ENERGY_ST2 323598	18.42 0.07 -0.07	16.29 0.04 -0.04	12.41 0.03 -0.44	10.73 0.02 -0.81	14.45 0.02 -0.43	20.58 0.09 0.00	21.06 0.11 0.00	23.88 0.12 0.00	23.81 0.09 0.00	22.00 0.07 0.00	20.84 0.07 0.00	18.52 0.04 0.00	16.22 0.04 0.00	17.50 0.05 0.00	16.43 0.03 0.00	16.73 0.03 0.00	22.91 0.03 0.00	19.59 -0.01 0.00	21.01 -0.01 0.00	24.62 -0.03 0.00	20.99 0.00 0.00	18.57 0.03 0.00	16.99 0.03 0.00	16.15 0.04 0.00
SYRACUSE___POWER 24017	18.43 0.08 -0.07	16.29 0.04 -0.04	12.44 0.02 -0.46	10.78 0.02 -0.86	14.48 0.02 -0.46	20.58 0.09 0.00	21.06 0.11 0.00	23.90 0.13 0.00	23.82 0.11 0.00	22.01 0.08 0.00	20.86 0.09 0.00	18.54 0.06 0.00	16.23 0.05 0.00	17.51 0.06 0.00	16.45 0.04 0.00	16.74 0.05 0.00	22.93 0.05 0.00	19.60 0.01 0.00	21.02 0.00 0.00	24.64 -0.01 0.00	21.01 0.02 0.00	18.58 0.05 0.00	17.01 0.04 0.00	16.16 0.06 0.00
TALLMAN__138KV_BK151 55660	20.02 1.09 -0.66	17.55 0.97 -0.37	16.75 0.71 -4.10	18.02 0.57 -7.55	18.84 0.80 -4.03	21.55 1.07 0.00	22.09 1.14 0.00	25.04 1.28 0.00	24.91 1.20 0.00	23.07 1.14 0.00	21.99 1.22 0.00	19.60 1.13 0.00	17.07 0.89 0.00	18.40 0.95 0.00	17.37 0.97 0.00	17.76 1.07 0.00	24.34 1.46 0.00	20.83 1.23 0.00	22.32 1.31 0.00	26.16 1.51 0.00	22.28 1.28 0.00	19.56 1.03 0.00	17.96 1.00 0.00	17.10 0.99 0.00
TEALLAVE_115KV_TB7 355573	18.33 -0.01 -0.06	16.21 -0.04 -0.04	12.30 -0.04 -0.39	10.59 -0.03 -0.72	14.34 -0.04 -0.38	20.48 -0.01 0.00	20.95 0.00 0.00	23.77 0.01 0.00	23.71 -0.01 0.00	21.91 -0.02 0.00	20.76 -0.01 0.00	18.45 -0.02 0.00	16.16 -0.02 0.00	17.44 -0.01 0.00	16.37 -0.04 0.00	16.65 -0.05 0.00	22.80 -0.07 0.00	19.49 -0.10 0.00	20.90 -0.12 0.00	24.50 -0.15 0.00	20.88 -0.11 0.00	18.48 -0.05 0.00	16.91 -0.05 0.00	16.08 -0.03 0.00
TELGRAPH_34_KV_EAST 80808	18.08 -0.30 -0.10	16.01 -0.25 -0.06	12.36 -0.22 -0.63	10.84 -0.22 -1.16	14.31 -0.32 -0.62	20.39 -0.09 0.00	20.52 -0.43 0.00	23.15 -0.62 0.00	23.05 -0.66 0.00	21.18 -0.75 0.00	20.02 -0.75 0.00	17.39 -0.71 0.38	15.44 -0.59 0.14	15.66 -0.52 1.27	14.82 -0.78 0.80	13.58 -0.82 2.30	16.95 -1.11 4.81	10.68 -1.04 7.88	12.74 -1.18 7.10	22.41 -1.57 0.67	19.89 -1.10 0.00	17.95 -0.58 0.00	16.51 -0.46 0.00	15.85 -0.26 0.00
TEMPLE___115KV_TB 2 55572	18.35 0.01 -0.06	16.22 -0.02 -0.04	12.32 -0.02 -0.39	10.61 -0.02 -0.72	14.36 -0.03 -0.39	20.50 0.01 0.00	20.97 0.02 0.00	23.79 0.02 0.00	23.72 0.00 0.00	21.93 0.00 0.00	20.78 0.00 0.00	18.47 -0.01 0.00	16.17 -0.01 0.00	17.45 0.00 0.00	16.37 -0.03 0.00	16.66 -0.04 0.00	22.82 -0.06 0.00	19.51 -0.09 0.00	20.92 -0.10 0.00	24.51 -0.14 0.00	20.90 -0.09 0.00	18.49 -0.04 0.00	16.93 -0.04 0.00	16.09 -0.02 0.00
TIANA____69_KV_BK 1 55817	44.83 1.90 -24.65	46.22 1.79 -28.22	19.71 1.33 -6.43	19.51 1.05 -8.55	33.15 1.48 -17.67	39.54 2.12 -16.93	30.05 2.19 -6.91	26.17 2.41 0.00	28.10 2.08 -2.31	23.67 1.74 0.00	22.53 1.71 -0.05	20.33 1.50 -0.35	17.29 1.11 0.00	18.60 1.15 0.00	17.46 1.06 0.01	14.93 1.04 2.80	24.42 1.55 0.00	21.00 1.40 0.00	22.72 1.70 0.00	26.84 2.19 0.00	22.86 1.87 0.00	20.91 1.68 -0.70	19.48 1.58 -0.93	52.14 1.63 -34.41
TILDEN___115KV_TB1 80814	18.43 0.08 -0.07	16.29 0.04 -0.04	12.44 0.02 -0.46	10.78 0.02 -0.86	14.48 0.02 -0.46	20.58 0.09 0.00	21.06 0.11 0.00	23.90 0.13 0.00	23.82 0.11 0.00	22.01 0.08 0.00	20.86 0.09 0.00	18.54 0.06 0.00	16.23 0.05 0.00	17.51 0.06 0.00	16.45 0.04 0.00	16.74 0.05 0.00	22.93 0.05 0.00	19.60 0.01 0.00	21.02 0.00 0.00	24.64 -0.01 0.00	21.01 0.02 0.00	18.58 0.05 0.00	17.01 0.04 0.00	16.16 0.06 0.00
TRIGEN___CC 323695	44.42 1.49 -24.65	43.26 1.35 -25.71	19.07 0.97 -6.14	19.12 0.76 -8.46	30.91 1.08 -15.82	36.76 1.49 -14.79	29.39 1.55 -6.89	25.51 1.75 0.00	27.66 1.64 -2.31	23.42 1.49 0.00	22.42 1.60 -0.05	20.29 1.46 -0.35	17.32 1.13 0.00	18.66 1.22 0.00	17.61 1.21 0.00	17.96 1.26 0.00	24.61 1.73 0.00	21.07 1.47 0.00	22.62 1.60 0.00	26.52 1.87 0.00	22.58 1.59 0.00	20.63 1.40 -0.70	19.25 1.35 -0.93	51.88 1.36 -34.41
TRINITY__115KV__ 4 BK 55933	19.83 0.70 -0.86	17.34 0.65 -0.48	17.76 0.50 -5.31	20.13 0.45 -9.78	19.85 0.62 -5.22	21.26 0.78 0.00	21.65 0.69 0.00	24.43 0.67 0.00	24.27 0.56 0.00	22.49 0.56 0.00	21.37 0.60 0.00	19.00 0.53 0.00	16.57 0.38 0.00	17.90 0.45 0.00	16.89 0.49 0.00	17.20 0.50 0.00	23.36 0.48 0.00	20.01 0.41 0.00	21.54 0.52 0.00	25.27 0.62 0.00	21.52 0.53 0.00	18.91 0.37 0.00	17.35 0.39 0.00	16.56 0.46 0.00

UNION___PROCESSING_DRP 323587	18.36 0.00 -0.08	16.24 -0.01 -0.05	12.44 -0.02 -0.51	10.80 -0.05 -0.95	14.45 -0.06 -0.51	20.60 0.11 0.00	20.92 -0.04 0.00	23.65 -0.11 0.00	23.54 -0.17 0.00	21.70 -0.23 0.00	20.51 -0.26 0.00	18.15 -0.25 0.07	15.94 -0.22 0.03	16.99 -0.20 0.25	15.86 -0.39 0.16	15.79 -0.45 0.46	21.88 -0.55 0.45	17.40 -0.61 1.59	18.91 -0.69 1.42	23.69 -0.82 0.13	20.43 -0.56 0.00	18.28 -0.25 0.00	16.76 -0.20 0.00	16.01 -0.09 0.00
UPPER HUDSON___HYD 24058	20.25 1.08 -0.90	17.63 0.92 -0.51	18.18 0.69 -5.54	20.65 0.54 -10.20	20.27 0.81 -5.45	21.64 1.16 0.00	22.15 1.19 0.00	24.98 1.22 0.00	24.76 1.05 0.00	22.92 0.99 0.00	21.80 1.03 0.00	19.47 0.99 0.00	17.02 0.84 0.00	18.53 1.08 0.00	17.54 1.14 0.00	17.84 1.14 0.00	24.29 1.42 0.00	20.71 1.12 0.00	22.36 1.34 0.00	26.15 1.50 0.00	22.23 1.24 0.00	19.56 1.03 0.00	17.87 0.90 0.00	16.98 0.87 0.00
UPPER RAQUET___HYD 24056	17.72 -0.55 0.00	15.65 -0.56 0.00	11.53 -0.42 0.00	9.58 -0.32 0.00	13.57 -0.44 0.00	19.88 -0.60 0.00	20.49 -0.47 0.00	23.43 -0.33 0.00	23.50 -0.22 0.00	21.72 -0.21 0.00	20.39 -0.38 0.00	18.18 -0.30 0.00	16.04 -0.14 0.00	17.18 -0.27 0.00	15.90 -0.50 0.00	16.08 -0.61 0.00	22.20 -0.67 0.00	19.11 -0.49 0.00	20.48 -0.53 0.00	24.09 -0.56 0.00	20.54 -0.45 0.00	18.31 -0.22 0.00	16.75 -0.22 0.00	15.85 -0.26 0.00
VALLEY44_115KV_TB2 355964	18.93 0.53 -0.13	16.74 0.46 -0.07	13.02 0.28 -0.79	11.59 0.22 -1.46	15.13 0.34 -0.78	21.27 0.78 0.00	21.60 0.64 0.00	24.55 0.79 0.00	24.49 0.78 0.00	22.58 0.65 0.00	21.34 0.57 0.00	18.66 0.40 0.22	16.35 0.25 0.08	17.01 0.30 0.74	16.02 0.09 0.48	15.37 0.05 1.37	20.34 0.19 2.73	14.87 -0.02 4.71	16.59 -0.13 4.29	24.00 -0.24 0.41	20.91 -0.08 0.00	18.76 0.22 0.00	17.28 0.31 0.00	16.61 0.51 0.00
VALLEY___115KV_TB 1-4 80826	18.44 0.16 0.00	16.33 0.12 0.00	12.05 0.10 0.00	10.01 0.11 0.00	14.15 0.15 0.00	20.67 0.18 0.00	21.12 0.16 0.00	23.89 0.13 0.00	23.93 0.22 0.00	22.05 0.12 0.00	20.90 0.13 0.00	18.48 0.00 0.00	16.13 -0.05 0.00	17.09 -0.36 0.00	16.32 -0.08 0.00	16.93 0.23 0.00	23.04 0.16 0.00	19.60 0.00 0.00	21.02 0.00 0.00	24.67 0.02 0.00	20.94 -0.05 0.00	18.58 0.05 0.00	17.10 0.13 0.00	16.24 0.13 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.33 0.77 -0.29	17.05 0.68 -0.16	14.22 0.49 -1.78	13.52 0.35 -3.27	16.29 0.53 -1.75	21.30 0.81 0.00	21.87 0.91 0.00	24.78 1.02 0.00	24.68 0.97 0.00	22.82 0.88 0.00	21.67 0.90 0.00	19.27 0.79 0.00	16.82 0.64 0.00	18.13 0.68 0.00	17.06 0.66 0.00	17.42 0.73 0.00	23.85 0.97 0.00	20.42 0.81 -0.01	21.90 0.88 0.00	25.66 1.01 0.00	21.85 0.85 0.00	19.27 0.74 0.00	17.66 0.69 0.00	16.77 0.66 0.00
VISCHER___FERRY HYD 24020	20.08 0.93 -0.87	17.51 0.82 -0.49	17.97 0.62 -5.40	20.36 0.52 -9.94	20.04 0.73 -5.31	21.48 0.99 0.00	21.92 0.96 0.00	24.73 0.96 0.00	24.57 0.86 0.00	22.77 0.84 0.00	21.63 0.86 0.00	19.27 0.79 0.00	16.83 0.65 0.00	18.22 0.77 0.00	17.18 0.78 0.00	17.46 0.76 0.00	23.81 0.94 0.00	20.37 0.77 0.00	21.97 0.95 0.00	25.82 1.17 0.00	21.97 0.98 0.00	19.32 0.79 0.00	17.69 0.72 0.00	16.85 0.74 0.00
V_A_10_SYNC_DSASP 323832	18.11 -0.26 -0.09	16.03 -0.23 -0.05	12.35 -0.18 -0.58	10.80 -0.17 -1.07	14.33 -0.24 -0.57	20.36 -0.12 0.00	20.57 -0.39 0.00	23.21 -0.55 0.00	23.09 -0.62 0.00	21.26 -0.67 0.00	20.09 -0.69 0.00	17.51 -0.68 0.28	15.46 -0.62 0.11	15.86 -0.64 0.95	14.96 -0.84 0.60	14.05 -0.89 1.75	18.10 -1.15 3.62	12.36 -1.14 6.10	14.33 -1.27 5.41	22.57 -1.57 0.51	19.83 -1.16 0.00	17.84 -0.69 0.00	16.42 -0.55 0.00	15.77 -0.34 0.00
V_CMM_10_SYNC_DSASP 323787	17.77 -0.50 0.00	15.77 -0.44 0.00	11.63 -0.32 0.00	9.66 -0.25 0.00	13.66 -0.35 0.00	19.99 -0.50 0.00	20.46 -0.50 0.00	23.27 -0.49 0.00	23.32 -0.39 0.00	21.59 -0.35 0.00	20.36 -0.41 0.00	18.10 -0.37 0.00	15.93 -0.26 0.00	17.15 -0.30 0.00	16.08 -0.32 0.00	16.32 -0.37 0.00	22.46 -0.41 0.00	19.32 -0.28 0.00	20.68 -0.34 0.00	24.27 -0.38 0.00	20.66 -0.33 0.00	18.28 -0.25 0.00	16.68 -0.28 0.00	15.80 -0.31 0.00
V_CMP_10_SYNC_DSASP 323788	17.62 -0.66 0.00	15.61 -0.59 0.00	11.63 -0.32 0.00	9.68 -0.23 0.00	13.72 -0.28 0.00	20.20 -0.29 0.00	21.02 0.06 0.00	24.17 0.41 0.00	24.33 0.61 0.00	22.29 0.36 0.00	21.25 0.48 0.00	18.85 0.38 0.00	16.50 0.32 0.00	17.65 0.21 0.00	16.52 0.12 0.00	16.77 0.08 0.00	23.05 0.17 0.00	20.24 0.64 0.00	21.83 0.81 0.00	25.54 0.89 0.00	21.64 0.65 0.00	19.05 0.52 0.00	17.41 0.44 0.00	16.51 0.40 0.00
V_E_10_SYNC_DSASP 323830	19.70 1.21 -0.21	17.32 1.00 -0.12	13.98 0.70 -1.33	12.94 0.59 -2.45	16.21 0.90 -1.31	22.02 1.53 0.00	22.60 1.64 0.00	25.66 1.90 0.00	25.52 1.81 0.00	23.32 1.39 0.00	22.13 1.36 0.00	19.73 1.12 -0.14	17.16 0.93 -0.05	18.65 0.75 -0.46	17.72 1.02 -0.29	18.94 1.40 -0.84	26.41 1.78 -1.76	23.87 1.37 -2.90	25.11 1.51 -2.59	26.83 1.93 -0.24	22.62 1.63 0.00	19.94 1.41 0.00	18.19 1.22 0.00	17.22 1.11 0.00
V_F_30_NSYNC___DSASP 323816	20.32 1.15 -0.89	17.70 0.99 -0.50	18.22 0.75 -5.52	20.68 0.61 -10.17	20.31 0.88 -5.43	21.73 1.24 0.00	22.22 1.26 0.00	25.08 1.32 0.00	24.90 1.18 0.00	23.03 1.10 0.00	21.88 1.11 0.00	19.52 1.04 0.00	17.06 0.88 0.00	18.51 1.06 0.00	17.49 1.09 0.00	17.77 1.08 0.00	24.26 1.39 0.00	20.72 1.13 0.00	22.33 1.31 0.00	26.20 1.55 0.00	22.30 1.31 0.00	19.61 1.08 0.00	17.93 0.97 0.00	17.06 0.95 0.00
V_F_30_SYNC_DSASP 323786	19.85 0.70 -0.87	17.35 0.66 -0.49	17.87 0.51 -5.41	20.34 0.48 -9.96	19.97 0.64 -5.32	21.30 0.81 0.00	21.67 0.71 0.00	24.46 0.70 0.00	24.32 0.61 0.00	22.55 0.62 0.00	21.43 0.66 0.00	19.04 0.56 0.00	16.59 0.42 0.00	17.93 0.48 0.00	16.93 0.53 0.00	17.25 0.56 0.00	23.48 0.60 0.00	20.11 0.51 0.00	21.64 0.62 0.00	25.37 0.72 0.00	21.61 0.62 0.00	18.98 0.45 0.00	17.41 0.45 0.00	16.62 0.52 0.00
V_XM_10_SYNC_DSASP 323789	17.62 -0.66 0.00	15.61 -0.59 0.00	11.63 -0.32 0.00	9.68 -0.23 0.00	13.72 -0.28 0.00	20.20 -0.29 0.00	21.02 0.06 0.00	24.17 0.41 0.00	24.33 0.61 0.00	22.29 0.36 0.00	21.25 0.48 0.00	18.85 0.38 0.00	16.50 0.32 0.00	17.65 0.21 0.00	16.52 0.12 0.00	16.77 0.08 0.00	23.05 0.17 0.00	20.24 0.64 0.00	21.83 0.81 0.00	25.54 0.89 0.00	21.64 0.65 0.00	19.05 0.52 0.00	17.41 0.44 0.00	16.51 0.40 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.09 1.14 -0.67	17.61 1.03 -0.38	16.82 0.75 -4.12	18.10 0.60 -7.60	18.91 0.84 -4.06	21.63 1.14 0.00	22.17 1.21 0.00	25.13 1.36 0.00	25.06 1.35 0.00	23.22 1.29 0.00	22.13 1.36 0.00	19.73 1.26 0.00	17.19 1.00 0.00	18.52 1.08 0.00	17.50 1.09 0.00	17.88 1.19 0.00	24.41 1.53 0.00	20.88 1.28 0.00	22.39 1.37 0.00	26.22 1.57 0.00	22.33 1.34 0.00	19.61 1.08 0.00	18.01 1.04 0.00	17.14 1.04 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.19 1.22 -0.69	17.72 1.12 -0.39	17.04 0.81 -4.28	18.43 0.64 -7.89	19.11 0.89 -4.21	21.68 1.20 0.00	22.23 1.28 0.00	25.23 1.47 0.00	25.10 1.39 0.00	23.28 1.35 0.00	22.21 1.44 0.00	19.81 1.34 0.00	17.23 1.05 0.00	18.59 1.14 0.00	17.55 1.15 0.00	17.95 1.26 0.00	24.63 1.75 0.00	21.10 1.51 0.00	22.65 1.63 0.00	26.44 1.79 0.00	22.50 1.51 0.00	19.77 1.24 0.00	18.18 1.21 0.00	17.29 1.19 0.00
W50THST__13_KV_LOAD 356117	20.27 1.30 -0.69	17.78 1.19 -0.39	17.09 0.86 -4.28	18.48 0.69 -7.89	19.17 0.95 -4.21	21.77 1.28 0.00	22.34 1.38 0.00	25.36 1.60 0.00	25.25 1.54 0.00	23.42 1.49 0.00	22.36 1.59 0.00	19.95 1.48 0.00	17.36 1.18 0.00	18.73 1.28 0.00	17.69 1.28 0.00	18.09 1.40 0.00	24.81 1.93 0.00	21.25 1.65 0.00	22.80 1.78 0.00	26.59 1.95 0.00	22.62 1.63 0.00	19.87 1.33 0.00	18.27 1.30 0.00	17.37 1.26 0.00
WADING RIVER_IC_1 23522	44.52 1.59 -24.65	45.97 1.54 -28.22	19.53 1.14 -6.43	19.36 0.91 -8.55	32.93 1.26 -17.67	39.20 1.78 -16.93	29.66 1.80 -6.91	25.74 1.98 0.00	27.68 1.66 -2.31	23.29 1.36 0.00	22.18 1.36 -0.05	20.03 1.20 -0.35	17.04 0.86 0.00	18.33 0.89 0.00	17.20 0.80 0.01	14.63 0.73 2.80	23.96 1.08 0.00	20.59 0.99 0.00	22.31 1.29 0.00	26.36 1.71 0.00	22.45 1.46 0.00	20.57 1.34 -0.70	19.16 1.27 -0.93	51.85 1.34 -34.41
WADING RIVER_IC_2 23547	44.52 1.59 -24.65	45.97 1.54 -28.22	19.53 1.14 -6.43	19.36 0.91 -8.55	32.93 1.26 -17.67	39.20 1.78 -16.93	29.66 1.80 -6.91	25.74 1.98 0.00	27.68 1.66 -2.31	23.29 1.36 0.00	22.18 1.36 -0.05	20.03 1.20 -0.35	17.04 0.86 0.00	18.33 0.89 0.00	17.20 0.80 0.01	14.63 0.73 2.80	23.96 1.08 0.00	20.59 0.99 0.00	22.31 1.29 0.00	26.36 1.71 0.00	22.45 1.46 0.00	20.57 1.34 -0.70	19.16 1.27 -0.93	51.85 1.34 -34.41
WADING RIVER_IC_3 23601	44.52 1.59 -24.65	45.97 1.54 -28.22	19.53 1.14 -6.43	19.36 0.91 -8.55	32.93 1.26 -17.67	39.20 1.78 -16.93	29.66 1.80 -6.91	25.74 1.98 0.00	27.68 1.66 -2.31	23.29 1.36 0.00	22.18 1.36 -0.05	20.03 1.20 -0.35	17.04 0.86 0.00	18.33 0.89 0.00	17.20 0.80 0.01	14.63 0.73 2.80	23.96 1.08 0.00	20.59 0.99 0.00	22.31 1.29 0.00	26.36 1.71 0.00	22.45 1.46 0.00	20.57 1.34 -0.70	19.16 1.27 -0.93	51.85 1.34 -34.41
WALDENNY_12_KV_BK2 80841	18.32 -0.07 -0.11	16.19 -0.08 -0.06	12.56 -0.10 -0.71	11.09 -0.12 -1.31	14.54 -0.16 -0.70	20.57 0.09 0.00	20.76 -0.19 0.00	23.47 -0.29 0.00	23.38 -0.33 0.00	21.51 -0.42 0.00	20.35 -0.42 0.00	17.45 -0.48 0.54	15.53 -0.44 0.20	15.21 -0.41 1.83	14.62 -0.63 1.16	12.69 -0.67 3.33	15.13 -0.82 6.92	7.63 -0.82 11.15	9.81 -1.00 10.21	22.41 -1.29 0.96	20.10 -0.89 0.00	18.13 -0.40 0.00	16.69 -0.28 0.00	16.01 -0.09 0.00
WALDEN__HYDRO 24148	20.11 1.17 -0.67	17.63 1.04 -0.38	16.84 0.75 -4.13	18.12 0.60 -7.62	18.92 0.85 -4.07	21.65 1.17 0.00	22.20 1.24 0.00	25.14 1.38 0.00	24.97 1.26 0.00	23.09 1.15 0.00	21.95 1.18 0.00	19.55 1.07 0.00	17.03 0.85 0.00	18.35 0.91 0.00	17.35 0.95 0.00	17.81 1.11 0.00	24.35 1.47 0.00	20.92 1.33 0.00	22.46 1.44 0.00	26.31 1.66 0.00	22.41 1.42 0.00	19.69 1.16 0.00	18.06 1.09 0.00	17.17 1.06 0.00
WARRENSBURG____ 23737	20.25 1.08 -0.90	17.63 0.92 -0.51	18.18 0.69 -5.54	20.65 0.54 -10.20	20.27 0.81 -5.45	21.64 1.16 0.00	22.15 1.19 0.00	24.98 1.22 0.00	24.76 1.05 0.00	22.92 0.99 0.00	21.80 1.03 0.00	19.47 0.99 0.00	17.02 0.84 0.00	18.53 1.08 0.00	17.54 1.14 0.00	17.84 1.14 0.00	24.29 1.42 0.00	20.71 1.12 0.00	22.36 1.34 0.00	26.15 1.50 0.00	22.23 1.24 0.00	19.56 1.03 0.00	17.87 0.90 0.00	16.98 0.87 0.00
WATERSIDE____6 8 9 23538	20.19 1.22 -0.69	17.73 1.14 -0.39	17.05 0.81 -4.28	18.44 0.65 -7.89	19.12 0.89 -4.21	21.66 1.18 0.00	22.23 1.28 0.00	25.22 1.45 0.00	25.09 1.38 0.00	23.26 1.33 0.00	22.20 1.43 0.00	19.80 1.33 0.00	17.24 1.06 0.00	18.59 1.15 0.00	17.56 1.15 0.00	17.95 1.26 0.00	24.60 1.72 0.00	21.08 1.48 0.00	22.63 1.61 0.00	26.43 1.78 0.00	22.48 1.49 0.00	19.76 1.23 0.00	18.17 1.21 0.00	17.29 1.19 0.00
WATKINRD_115KV_LN8_ILLION 55919	18.42 0.15 0.00	16.32 0.11 0.00	12.04 0.09 0.00	10.00 0.09 0.00	14.13 0.13 0.00	20.64 0.15 0.00	21.11 0.15 0.00	23.88 0.12 0.00	23.69 -0.02 0.00	21.91 -0.02 0.00	20.84 0.07 0.00	18.55 0.07 0.00	16.25 0.07 0.00	17.51 0.06 0.00	16.51 0.10 0.00	16.86 0.16 0.00	23.01 0.13 0.00	19.64 0.05 0.00	21.09 0.07 0.00	24.87 0.22 0.00	21.21 0.22 0.00	18.65 0.12 0.00	17.07 0.10 0.00	16.22 0.12 0.00
WATSON____69_KV_BK 1 55734	44.80 1.87 -24.65	46.02 1.71 -28.11	19.61 1.25 -6.42	19.42 0.98 -8.54	32.97 1.38 -17.59	39.28 1.96 -16.84	29.91 2.05 -6.91	26.06 2.30 0.00	28.13 2.11 -2.31	23.75 1.81 0.00	22.66 1.84 -0.05	20.46 1.63 -0.35	17.42 1.24 0.00	18.74 1.30 0.00	17.68 1.28 0.00	16.60 1.30 1.40	24.71 1.83 0.00	21.20 1.60 0.00	22.83 1.81 0.00	26.86 2.21 0.00	22.89 1.90 0.00	20.94 1.71 -0.70	19.54 1.64 -0.93	52.19 1.68 -34.41
WDELAWARE__HYD 323627	19.62 0.73 -0.62	17.39 0.84 -0.35	16.38 0.62 -3.82	17.41 0.47 -7.03	18.44 0.68 -3.76	21.45 0.96 0.00	22.03 1.07 0.00	24.95 1.19 0.00	24.80 1.09 0.00	22.92 0.99 0.00	21.83 1.06 0.00	19.42 0.94 0.00	16.93 0.75 0.00	18.22 0.77 0.00	16.82 0.42 0.00	17.26 0.56 0.00	23.73 0.86 0.00	20.31 0.71 0.00	21.83 0.81 0.00	25.59 0.94 0.00	22.23 1.24 0.00	19.53 0.99 0.00	17.88 0.91 0.00	16.99 0.88 0.00
WEST BABYLON__IC 23714	44.72 1.80 -24.65	45.70 1.62 -27.87	19.53 1.19 -6.39	19.37 0.93 -8.53	32.73 1.32 -17.41	38.97 1.86 -16.63	29.80 1.94 -6.90	25.94 2.18 0.00	28.04 2.02 -2.31	23.70 1.76 0.00	22.63 1.81 -0.05	20.45 1.62 -0.35	17.42 1.24 0.00	18.75 1.31 0.00	17.70 1.30 0.00	17.66 1.30 0.34	24.70 1.82 0.00	21.17 1.57 0.00	22.77 1.75 0.00	26.76 2.11 0.00	22.79 1.80 0.00	20.88 1.64 -0.70	19.50 1.61 -0.93	52.14 1.63 -34.41
WEST CANADA__HYD 24049	18.37 0.09 0.00	16.27 0.06 0.00	12.00 0.05 0.00	9.95 0.04 0.00	14.06 0.06 0.00	20.57 0.08 0.00	21.04 0.09 0.00	23.86 0.09 0.00	23.78 0.07 0.00	22.00 0.07 0.00	20.83 0.06 0.00	18.53 0.06 0.00	16.23 0.05 0.00	17.50 0.05 0.00	16.45 0.05 0.00	16.76 0.06 0.00	22.95 0.07 0.00	19.65 0.05 0.00	21.08 0.06 0.00	24.72 0.07 0.00	21.05 0.06 0.00	18.57 0.04 0.00	17.00 0.03 0.00	16.15 0.05 0.00
WESTERN_NY_WIND 24143	18.23 -0.16 -0.10	16.13 -0.13 -0.06	12.47 -0.12 -0.64	10.95 -0.14 -1.18	14.43 -0.21 -0.63	20.58 0.10 0.00	20.69 -0.26 0.00	23.34 -0.42 0.00	23.26 -0.45 0.00	21.33 -0.60 0.00	20.16 -0.61 0.00	17.53 -0.53 0.41	15.63 -0.40 0.15	15.77 -0.30 1.38	14.92 -0.61 0.87	13.58 -0.62 2.50	16.78 -0.86 5.23	10.19 -0.84 8.56	12.31 -0.99 7.72	22.61 -1.32 0.73	20.13 -0.86 0.00	18.17 -0.37 0.00	16.67 -0.30 0.00	16.00 -0.11 0.00



WESTOVER___LESR 323668	18.87 0.37 -0.23	16.63 0.29 -0.13	13.57 0.22 -1.40	12.67 0.18 -2.58	15.64 0.25 -1.38	20.91 0.43 0.00	21.41 0.46 0.00	24.34 0.57 0.00	24.24 0.53 0.00	22.38 0.44 0.00	21.27 0.50 0.00	18.96 0.38 -0.10	16.52 0.30 -0.04	18.11 0.33 -0.33	16.90 0.28 -0.21	17.67 0.36 -0.61	24.60 0.47 -1.25	22.08 0.34 -2.15	23.26 0.34 -1.90	25.19 0.36 -0.18	21.31 0.32 0.00	18.86 0.33 0.00	17.31 0.35 0.00	16.49 0.38 0.00
WETHRSFD_WT_PWR 323626	18.23 -0.18 -0.13	16.05 -0.23 -0.07	12.55 -0.22 -0.82	11.21 -0.22 -1.52	14.51 -0.30 -0.81	20.32 -0.16 0.00	20.64 -0.32 0.00	23.40 -0.36 0.00	23.42 -0.29 0.00	21.55 -0.38 0.00	20.42 -0.36 0.00	16.24 -0.47 1.77	15.03 -0.48 0.67	11.06 -0.45 5.94	12.10 -0.55 3.76	5.32 -0.50 10.87	-1.11 -0.66 23.33	-18.60 -0.66 37.53	-13.54 -0.83 33.72	20.39 -1.08 3.18	20.30 -0.69 0.00	18.22 -0.31 0.00	16.76 -0.20 0.00	15.98 -0.13 0.00
WHAVSTOR_138KV_BK127 55557	20.01 1.07 -0.67	17.55 0.96 -0.38	16.78 0.70 -4.13	18.07 0.56 -7.60	18.86 0.79 -4.06	21.54 1.06 0.00	22.08 1.12 0.00	25.01 1.25 0.00	24.87 1.16 0.00	23.04 1.11 0.00	21.96 1.19 0.00	19.58 1.11 0.00	17.05 0.86 0.00	18.36 0.91 0.00	17.33 0.93 0.00	17.72 1.02 0.00	24.29 1.41 0.00	20.79 1.19 0.00	22.28 1.27 0.00	26.11 1.46 0.00	22.23 1.24 0.00	19.52 0.99 0.00	17.94 0.97 0.00	17.08 0.97 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.01 1.07 -0.67	17.55 0.96 -0.38	16.78 0.70 -4.13	18.07 0.56 -7.60	18.86 0.79 -4.06	21.54 1.06 0.00	22.08 1.12 0.00	25.01 1.25 0.00	24.87 1.16 0.00	23.04 1.11 0.00	21.96 1.19 0.00	19.58 1.11 0.00	17.05 0.86 0.00	18.36 0.91 0.00	17.33 0.93 0.00	17.72 1.02 0.00	24.29 1.41 0.00	20.79 1.19 0.00	22.28 1.27 0.00	26.11 1.46 0.00	22.23 1.24 0.00	19.52 0.99 0.00	17.94 0.97 0.00	17.08 0.97 0.00
WHITEHAL_115KV_TB1 80871	20.89 1.72 -0.89	18.16 1.45 -0.50	18.59 1.11 -5.53	20.98 0.88 -10.19	20.71 1.26 -5.44	22.34 1.86 0.00	22.80 1.84 0.00	25.56 1.79 0.00	25.20 1.49 0.00	23.39 1.46 0.00	22.43 1.66 0.00	20.05 1.58 0.00	17.57 1.39 0.00	19.21 1.77 0.00	18.25 1.85 0.00	18.58 1.88 0.00	25.17 2.29 0.00	21.36 1.76 0.00	23.21 2.19 0.00	26.77 2.12 0.00	22.66 1.67 0.00	19.95 1.42 0.00	18.22 1.26 0.00	17.35 1.25 0.00
WHITEPLN_13_KV_LOAD 356215	20.21 1.24 -0.69	17.72 1.13 -0.39	17.04 0.82 -4.27	18.45 0.67 -7.87	19.14 0.93 -4.21	21.74 1.26 0.00	22.27 1.32 0.00	25.24 1.48 0.00	25.11 1.40 0.00	23.27 1.34 0.00	22.19 1.42 0.00	19.77 1.30 0.00	17.22 1.04 0.00	18.57 1.12 0.00	17.54 1.13 0.00	17.94 1.24 0.00	24.58 1.70 0.00	21.09 1.49 0.00	22.63 1.62 0.00	26.44 1.79 0.00	22.49 1.50 0.00	19.76 1.23 0.00	18.15 1.19 0.00	17.28 1.18 0.00
WM_FLOYD_69_KV_BK2 356380	44.62 1.69 -24.65	46.01 1.59 -28.21	19.55 1.17 -6.43	19.38 0.93 -8.55	32.96 1.29 -17.66	39.24 1.82 -16.93	29.74 1.88 -6.91	25.82 2.06 0.00	27.82 1.80 -2.31	23.40 1.47 0.00	22.28 1.46 -0.05	20.11 1.28 -0.35	17.11 0.93 0.00	18.41 0.97 0.00	17.29 0.90 0.01	14.74 0.89 2.84	24.16 1.28 0.00	20.76 1.16 0.00	22.44 1.42 0.00	26.48 1.83 0.00	22.56 1.57 0.00	20.66 1.43 -0.70	19.27 1.37 -0.93	51.97 1.46 -34.41
WOODARD__115KV_TB2 355635	18.29 -0.05 -0.06	16.16 -0.08 -0.04	12.28 -0.06 -0.39	10.57 -0.05 -0.72	14.31 -0.08 -0.38	20.43 -0.05 0.00	20.90 -0.06 0.00	23.71 -0.05 0.00	23.64 -0.07 0.00	21.85 -0.08 0.00	20.70 -0.07 0.00	18.40 -0.07 0.00	16.12 -0.06 0.00	17.39 -0.06 0.00	16.32 -0.09 0.00	16.61 -0.09 0.00	22.75 -0.13 0.00	19.45 -0.15 0.00	20.85 -0.16 0.00	24.45 -0.20 0.00	20.84 -0.15 0.00	18.44 -0.10 0.00	16.87 -0.09 0.00	16.04 -0.07 0.00
YORK___WARBASSE 23770	20.30 1.33 -0.69	17.80 1.21 -0.39	17.09 0.86 -4.28	18.47 0.68 -7.89	19.16 0.95 -4.21	21.76 1.27 0.00	22.34 1.38 0.00	25.33 1.57 0.00	25.20 1.49 0.00	23.35 1.41 0.00	22.29 1.52 0.00	19.88 1.40 0.00	17.30 1.11 0.00	18.66 1.21 0.00	17.61 1.21 0.00	18.01 1.32 0.00	24.69 1.81 0.00	21.16 1.56 0.00	22.72 1.70 0.00	26.55 1.90 0.00	22.59 1.59 0.00	19.86 1.32 0.00	18.26 1.29 0.00	17.37 1.26 0.00