

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/03/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	19.62	16.82	14.22	15.53	13.37	21.10	19.44	25.89	30.99	30.30	23.07	22.04	20.37	19.55	19.65	19.58	19.43	20.89	26.29	28.10	30.73	24.51	20.28	22.68
24138	1.18	0.98	0.83	0.83	0.72	1.12	1.03	1.60	1.98	2.22	1.77	1.67	1.54	1.45	1.48	1.52	1.51	1.68	2.08	2.03	2.15	1.63	1.27	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	19.58	16.79	14.20	15.52	13.35	21.07	19.41	25.84	30.91	30.20	22.99	21.98	20.30	19.48	19.58	19.51	19.36	20.81	26.22	28.04	30.68	24.47	20.25	22.63
24260	1.14	0.96	0.80	0.81	0.71	1.08	1.00	1.55	1.91	2.12	1.69	1.61	1.47	1.38	1.41	1.44	1.44	1.60	2.01	1.97	2.10	1.60	1.24	1.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.58	16.79	14.20	15.52	13.35	21.07	19.41	25.84	30.91	30.20	22.99	21.98	20.30	19.48	19.58	19.51	19.36	20.81	26.22	28.04	30.68	24.47	20.25	22.63
24261	1.14	0.96	0.80	0.81	0.71	1.08	1.00	1.55	1.91	2.12	1.69	1.61	1.47	1.38	1.41	1.44	1.44	1.60	2.01	1.97	2.10	1.60	1.24	1.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.99	16.35	13.90	15.23	13.12	20.62	19.14	25.34	30.05	28.81	21.91	20.86	19.08	18.35	18.47	18.41	18.34	19.93	25.38	27.40	30.06	23.95	19.77	21.97
24011	0.55	0.51	0.51	0.53	0.47	0.63	0.73	1.06	1.04	0.73	0.61	0.48	0.25	0.26	0.30	0.34	0.42	0.71	1.17	1.33	1.48	1.08	0.76	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.05	16.41	13.97	15.32	13.19	20.70	19.26	25.54	30.22	28.93	21.96	20.89	19.08	18.37	18.50	18.44	18.36	20.00	25.55	27.59	30.29	24.12	19.86	22.00
23798	0.60	0.57	0.58	0.61	0.54	0.70	0.85	1.26	1.21	0.85	0.67	0.51	0.25	0.28	0.34	0.37	0.44	0.79	1.34	1.52	1.72	1.24	0.85	0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.99	16.35	13.90	15.23	13.12	20.62	19.14	25.34	30.05	28.81	21.91	20.86	19.08	18.35	18.47	18.41	18.34	19.93	25.38	27.40	30.06	23.95	19.77	21.97
24028	0.55	0.51	0.51	0.53	0.47	0.63	0.73	1.06	1.04	0.73	0.61	0.48	0.25	0.26	0.30	0.34	0.42	0.71	1.17	1.33	1.48	1.08	0.76	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.16	16.58	14.10	15.45	13.32	20.80	19.14	25.30	30.08	28.99	21.90	20.86	19.16	18.38	18.48	18.39	18.26	19.72	25.10	27.13	29.75	23.86	19.79	22.07
23527	0.72	0.75	0.71	0.75	0.67	0.81	0.73	1.02	1.07	0.92	0.60	0.48	0.33	0.29	0.31	0.33	0.34	0.51	0.89	1.07	1.17	0.98	0.78	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.52	15.92	13.53	14.77	12.75	20.01	18.44	24.24	28.89	27.97	21.25	20.31	18.76	18.03	18.13	18.07	17.95	19.30	24.37	26.22	28.72	22.94	19.10	21.40
24190	0.07	0.09	0.13	0.07	0.10	0.02	0.03	-0.05	-0.12	-0.11	-0.05	-0.07	-0.07	-0.06	-0.04	0.00	0.03	0.08	0.16	0.15	0.15	0.07	0.08	0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.41	15.78	13.33	14.68	12.63	19.99	18.42	24.29	29.09	28.11	21.27	20.35	18.78	18.03	18.11	18.00	17.86	19.10	23.99	25.87	28.40	22.81	18.99	21.31
355683	-0.04	-0.05	-0.07	-0.02	-0.01	0.00	0.01	0.00	0.08	0.03	-0.02	-0.03	-0.05	-0.06	-0.06	-0.07	-0.06	-0.12	-0.22	-0.19	-0.17	-0.07	-0.02	-0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	18.90	16.25	13.78	15.08	12.99	20.46	18.85	24.77	29.33	28.24	21.42	20.45	18.84	18.10	18.20	18.12	18.12	19.60	24.81	26.77	29.37	23.46	19.50	21.85
323833	0.46	0.42	0.38	0.38	0.34	0.47	0.45	0.49	0.32	0.16	0.12	0.07	0.01	0.01	0.04	0.06	0.19	0.38	0.60	0.71	0.79	0.59	0.49	0.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	18.89	16.24	13.78	15.08	12.99	20.45	18.84	24.76	29.32	28.24	21.42	20.45	18.84	18.10	18.20	18.12	18.12	19.59	24.80	26.77	29.35	23.46	19.49	21.84
323834	0.45	0.41	0.38	0.37	0.34	0.46	0.44	0.48	0.32	0.16	0.12	0.07	0.01	0.01	0.04	0.06	0.19	0.38	0.59	0.70	0.78	0.58	0.49	0.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.52	15.92	13.53	14.77	12.75	20.01	18.44	24.24	28.89	27.97	21.25	20.31	18.76	18.03	18.13	18.07	17.95	19.30	24.37	26.22	28.72	22.94	19.10	21.40
23571	0.07	0.09	0.13	0.07	0.10	0.02	0.03	-0.05	-0.12	-0.11	-0.05	-0.07	-0.07	-0.06	-0.04	0.00	0.03	0.08	0.16	0.15	0.15	0.07	0.08	0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	18.52 0.07 0.00	15.92 0.09 0.00	13.53 0.13 0.00	14.77 0.07 0.00	12.75 0.10 0.00	20.01 0.02 0.00	18.44 0.03 0.00	24.24 -0.05 0.00	28.89 -0.12 0.00	27.97 -0.11 0.00	21.25 -0.05 0.00	20.31 -0.07 0.00	18.76 -0.07 0.00	18.03 -0.06 0.00	18.13 -0.04 0.00	18.07 0.00 0.00	17.95 0.03 0.00	19.30 0.08 0.00	24.37 0.16 0.00	26.22 0.15 0.00	28.72 0.15 0.00	22.94 0.07 0.00	19.10 0.08 0.00	21.40 0.08 0.00
ALBANY___3 23573	18.52 0.07 0.00	15.92 0.09 0.00	13.53 0.13 0.00	14.77 0.07 0.00	12.75 0.10 0.00	20.01 0.02 0.00	18.44 0.03 0.00	24.24 -0.05 0.00	28.89 -0.12 0.00	27.97 -0.11 0.00	21.25 -0.05 0.00	20.31 -0.07 0.00	18.76 -0.07 0.00	18.03 -0.06 0.00	18.13 -0.04 0.00	18.07 0.00 0.00	17.95 0.03 0.00	19.30 0.08 0.00	24.37 0.16 0.00	26.22 0.15 0.00	28.72 0.15 0.00	22.94 0.07 0.00	19.10 0.08 0.00	21.40 0.08 0.00
ALBANY___4 23574	18.52 0.07 0.00	15.92 0.09 0.00	13.53 0.13 0.00	14.77 0.07 0.00	12.75 0.10 0.00	20.01 0.02 0.00	18.44 0.03 0.00	24.24 -0.05 0.00	28.89 -0.12 0.00	27.97 -0.11 0.00	21.25 -0.05 0.00	20.31 -0.07 0.00	18.76 -0.07 0.00	18.03 -0.06 0.00	18.13 -0.04 0.00	18.07 0.00 0.00	17.95 0.03 0.00	19.30 0.08 0.00	24.37 0.16 0.00	26.22 0.15 0.00	28.72 0.15 0.00	22.94 0.07 0.00	19.10 0.08 0.00	21.40 0.08 0.00
ALBANY___LFGE 323615	18.65 0.21 0.00	16.03 0.20 0.00	13.63 0.23 0.00	14.88 0.18 0.00	12.84 0.20 0.00	20.16 0.17 0.00	18.59 0.18 0.00	24.48 0.19 0.00	29.16 0.16 0.00	28.24 0.16 0.00	21.44 0.14 0.00	20.50 0.13 0.00	18.94 0.12 0.00	18.20 0.11 0.00	18.30 0.13 0.00	18.24 0.18 0.00	18.14 0.22 0.00	19.50 0.29 0.00	24.61 0.41 0.00	26.48 0.42 0.00	29.01 0.44 0.00	23.16 0.29 0.00	19.27 0.25 0.00	21.58 0.26 0.00
ALCOA_PA_115KV_PL-6C 55860	18.43 -0.02 0.00	15.80 -0.04 0.00	13.34 -0.06 0.00	14.70 -0.01 0.00	12.64 -0.01 0.00	20.01 0.02 0.00	18.44 0.04 0.00	24.31 0.02 0.00	29.08 0.07 0.00	28.11 0.03 0.00	21.29 -0.01 0.00	20.37 -0.01 0.00	18.78 -0.05 0.00	18.01 -0.08 0.00	18.06 -0.11 0.00	17.96 -0.11 0.00	17.83 -0.09 0.00	19.07 -0.15 0.00	23.96 -0.25 0.00	25.86 -0.21 0.00	28.40 -0.18 0.00	22.83 -0.05 0.00	19.03 0.02 0.00	21.34 0.01 0.00
ALCOA_RYNLDS___DRP 24188	18.43 -0.02 0.00	15.80 -0.04 0.00	13.34 -0.06 0.00	14.70 -0.01 0.00	12.64 -0.01 0.00	20.01 0.02 0.00	18.44 0.04 0.00	24.31 0.02 0.00	29.08 0.07 0.00	28.11 0.03 0.00	21.29 -0.01 0.00	20.37 -0.01 0.00	18.78 -0.05 0.00	18.01 -0.08 0.00	18.06 -0.11 0.00	17.96 -0.11 0.00	17.83 -0.09 0.00	19.07 -0.15 0.00	23.96 -0.25 0.00	25.86 -0.21 0.00	28.40 -0.18 0.00	22.83 -0.05 0.00	19.03 0.02 0.00	21.34 0.01 0.00
ALCOA___DSASP 323711	18.43 -0.02 0.00	15.80 -0.04 0.00	13.34 -0.06 0.00	14.70 -0.01 0.00	12.64 -0.01 0.00	20.01 0.02 0.00	18.44 0.04 0.00	24.31 0.03 0.00	29.08 0.07 0.00	28.11 0.03 0.00	21.29 -0.01 0.00	20.37 -0.01 0.00	18.78 -0.05 0.00	18.01 -0.08 0.00	18.06 -0.11 0.00	17.96 -0.11 0.00	17.83 -0.09 0.00	19.07 -0.15 0.00	23.96 -0.25 0.00	25.86 -0.21 0.00	28.40 -0.18 0.00	22.83 -0.05 0.00	19.03 0.02 0.00	21.34 0.01 0.00
ALLEGHENY___COGEN 23514	18.82 0.38 0.00	16.14 0.31 0.00	13.61 0.21 0.00	15.02 0.31 0.00	12.83 0.18 0.00	20.44 0.45 0.00	18.76 0.35 0.00	24.72 0.44 0.00	29.07 0.07 0.00	28.10 0.02 0.00	21.42 0.12 0.00	20.63 0.25 0.00	19.22 0.38 0.00	18.50 0.41 0.00	18.53 0.36 0.00	18.35 0.28 0.00	18.13 0.21 0.00	19.51 0.29 0.00	24.53 0.33 0.00	26.83 0.76 0.00	29.65 1.07 0.00	23.61 0.73 0.00	19.52 0.51 0.00	21.85 0.52 0.00
ALTAMONT_115KV_TB 2 55880	18.75 0.31 0.00	16.11 0.28 0.00	13.66 0.27 0.00	14.95 0.25 0.00	12.88 0.23 0.00	20.29 0.30 0.00	18.69 0.29 0.00	24.66 0.38 0.00	29.41 0.40 0.00	28.48 0.40 0.00	21.61 0.32 0.00	20.66 0.28 0.00	19.07 0.24 0.00	18.32 0.23 0.00	18.41 0.24 0.00	18.33 0.27 0.00	18.21 0.29 0.00	19.59 0.37 0.00	24.75 0.54 0.00	26.64 0.57 0.00	29.19 0.61 0.00	23.32 0.45 0.00	19.36 0.35 0.00	21.69 0.36 0.00
ALTONA_WT_PWR 323606	19.24 0.81 0.00	16.56 0.73 0.00	13.99 0.59 0.00	15.40 0.70 0.00	13.34 0.69 0.00	21.02 1.02 0.00	19.49 1.08 0.00	25.84 1.56 0.00	30.76 1.76 0.00	29.70 1.62 0.00	22.33 1.03 0.00	21.19 0.82 0.00	19.47 0.64 0.00	18.61 0.52 0.00	18.63 0.46 0.00	18.50 0.43 0.00	18.29 0.37 0.00	19.52 0.30 0.00	24.49 0.28 0.00	26.63 0.56 0.00	29.15 0.57 0.00	23.23 0.35 0.00	19.39 0.38 0.00	21.71 0.38 0.00
AMERICAN_REF_FUEL 24010	17.83 -0.61 0.00	15.37 -0.46 0.00	13.00 -0.40 0.00	14.37 -0.33 0.00	12.23 -0.41 0.00	19.53 -0.46 0.00	17.82 -0.59 0.00	23.26 -1.02 0.00	27.72 -1.29 0.00	27.00 -1.08 0.00	20.59 -0.71 0.00	19.87 -0.50 0.00	18.54 -0.29 0.00	17.86 -0.24 0.00	17.84 -0.33 0.00	17.63 -0.44 0.00	17.38 -0.54 0.00	18.52 -0.70 0.00	23.02 -1.18 0.00	24.86 -1.21 0.00	27.33 -1.24 0.00	21.90 -0.97 0.00	18.29 -0.72 0.00	20.59 -0.74 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.47 0.03 0.00	15.98 0.14 0.00	13.46 0.06 0.00	14.79 0.09 0.00	12.55 -0.10 0.00	20.08 0.09 0.00	18.32 -0.08 0.00	24.25 -0.04 0.00	29.19 0.19 0.00	28.85 0.77 0.00	22.07 0.78 0.00	21.26 0.88 0.00	19.84 1.01 0.00	19.06 0.97 0.00	18.85 0.68 0.00	18.63 0.56 0.00	18.45 0.53 0.00	19.73 0.52 0.00	24.51 0.30 0.00	26.20 0.14 0.00	28.47 -0.10 0.00	22.84 -0.04 0.00	19.01 0.00 0.00	21.66 0.33 0.00
ARTHUR KILL_GT_1 23520	19.54 1.10 0.00	16.78 0.94 0.00	14.18 0.79 0.00	15.48 0.78 0.00	13.33 0.68 0.00	21.05 1.06 0.00	19.39 0.99 0.00	25.76 1.48 0.00	30.77 1.77 0.00	30.04 1.96 0.00	22.90 1.60 0.00	21.85 1.47 0.00	20.21 1.38 0.00	19.40 1.31 0.00	19.46 1.29 0.00	19.39 1.32 0.00	19.25 1.33 0.00	20.73 1.51 0.00	26.12 1.92 0.00	27.97 1.90 0.00	30.59 2.02 0.00	24.42 1.55 0.00	20.21 1.21 0.00	22.61 1.28 0.00
ARTHUR_KILL_2 23512	19.49 1.05 0.00	16.73 0.90 0.00	14.15 0.75 0.00	15.44 0.74 0.00	13.29 0.65 0.00	21.00 1.01 0.00	19.34 0.93 0.00	25.69 1.41 0.00	30.69 1.69 0.00	29.96 1.88 0.00	22.84 1.54 0.00	21.80 1.42 0.00	20.16 1.33 0.00	19.35 1.26 0.00	19.42 1.25 0.00	19.35 1.29 0.00	19.21 1.29 0.00	20.68 1.47 0.00	26.06 1.85 0.00	27.89 1.83 0.00	30.51 1.93 0.00	24.36 1.48 0.00	20.16 1.15 0.00	22.55 1.22 0.00
ARTHUR_KILL_3 23513	19.42 0.98 0.00	16.65 0.82 0.00	14.08 0.68 0.00	15.38 0.67 0.00	13.24 0.59 0.00	20.89 0.90 0.00	19.23 0.82 0.00	25.58 1.29 0.00	30.60 1.60 0.00	29.91 1.83 0.00	22.77 1.48 0.00	21.77 1.39 0.00	20.12 1.29 0.00	19.30 1.21 0.00	19.40 1.24 0.00	19.33 1.27 0.00	19.19 1.27 0.00	20.64 1.42 0.00	25.99 1.78 0.00	27.79 1.72 0.00	30.39 1.82 0.00	24.26 1.38 0.00	20.07 1.06 0.00	22.45 1.12 0.00

ARTHUR_KILL_COGEN 323718	19.54 1.10 0.00	16.78 0.94 0.00	14.18 0.79 0.00	15.48 0.78 0.00	13.33 0.68 0.00	21.05 1.06 0.00	19.39 0.99 0.00	25.76 1.48 0.00	30.77 1.77 0.00	30.04 1.96 0.00	22.90 1.60 0.00	21.85 1.47 0.00	20.21 1.38 0.00	19.40 1.31 0.00	19.46 1.29 0.00	19.39 1.32 0.00	19.25 1.33 0.00	20.73 1.51 0.00	26.12 1.92 0.00	27.97 1.90 0.00	30.59 2.02 0.00	24.42 1.55 0.00	20.21 1.21 0.00	22.61 1.28 0.00
ASHOKAN____ 23654	19.22 0.77 0.00	16.50 0.66 0.00	13.99 0.59 0.00	15.30 0.59 0.00	13.18 0.54 0.00	20.79 0.80 0.00	19.20 0.80 0.00	25.33 1.05 0.00	29.99 0.98 0.00	28.93 0.85 0.00	21.91 0.61 0.00	20.81 0.43 0.00	19.22 0.39 0.00	18.44 0.35 0.00	18.49 0.33 0.00	18.47 0.41 0.00	18.52 0.60 0.00	20.07 0.86 0.00	25.49 1.28 0.00	27.55 1.49 0.00	30.25 1.67 0.00	24.15 1.27 0.00	19.99 0.98 0.00	22.31 0.99 0.00
ASTORIA_EAST_ENERGY_CC1 323581	19.43 0.99 0.00	16.68 0.85 0.00	14.12 0.73 0.00	15.42 0.72 0.00	13.25 0.61 0.00	20.89 0.89 0.00	19.26 0.85 0.00	25.68 1.39 0.00	30.69 1.68 0.00	29.94 1.87 0.00	22.78 1.49 0.00	21.77 1.39 0.00	20.12 1.30 0.00	19.30 1.21 0.00	19.39 1.22 0.00	19.31 1.25 0.00	19.18 1.26 0.00	20.61 1.40 0.00	25.94 1.73 0.00	27.78 1.71 0.00	30.39 1.81 0.00	24.27 1.40 0.00	20.10 1.09 0.00	22.48 1.16 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.43 0.99 0.00	16.68 0.85 0.00	14.12 0.73 0.00	15.42 0.72 0.00	13.25 0.61 0.00	20.89 0.89 0.00	19.26 0.85 0.00	25.68 1.39 0.00	30.69 1.68 0.00	29.94 1.87 0.00	22.78 1.49 0.00	21.77 1.39 0.00	20.12 1.30 0.00	19.30 1.21 0.00	19.39 1.22 0.00	19.31 1.25 0.00	19.18 1.26 0.00	20.61 1.40 0.00	25.94 1.73 0.00	27.78 1.71 0.00	30.39 1.81 0.00	24.27 1.40 0.00	20.10 1.09 0.00	22.48 1.16 0.00
ASTORIA_GT2_1 24094	19.44 1.00 0.00	16.69 0.85 0.00	14.13 0.73 0.00	15.43 0.72 0.00	13.26 0.61 0.00	20.89 0.90 0.00	19.27 0.86 0.00	25.69 1.41 0.00	30.70 1.70 0.00	29.97 1.89 0.00	22.79 1.49 0.00	21.78 1.41 0.00	20.13 1.31 0.00	19.31 1.22 0.00	19.40 1.23 0.00	19.33 1.27 0.00	19.19 1.27 0.00	20.63 1.41 0.00	25.96 1.75 0.00	27.79 1.72 0.00	30.41 1.83 0.00	24.29 1.42 0.00	20.11 1.10 0.00	22.50 1.17 0.00
ASTORIA_GT2_2 24095	19.44 1.00 0.00	16.69 0.85 0.00	14.13 0.73 0.00	15.43 0.72 0.00	13.26 0.61 0.00	20.89 0.90 0.00	19.27 0.86 0.00	25.69 1.41 0.00	30.70 1.70 0.00	29.97 1.89 0.00	22.79 1.49 0.00	21.78 1.41 0.00	20.13 1.31 0.00	19.31 1.22 0.00	19.40 1.23 0.00	19.33 1.27 0.00	19.19 1.27 0.00	20.63 1.41 0.00	25.96 1.75 0.00	27.79 1.72 0.00	30.41 1.83 0.00	24.29 1.42 0.00	20.11 1.10 0.00	22.50 1.17 0.00
ASTORIA_GT2_3 24096	19.44 1.00 0.00	16.69 0.85 0.00	14.13 0.73 0.00	15.43 0.72 0.00	13.26 0.61 0.00	20.89 0.90 0.00	19.27 0.86 0.00	25.69 1.41 0.00	30.70 1.70 0.00	29.97 1.89 0.00	22.79 1.49 0.00	21.78 1.41 0.00	20.13 1.31 0.00	19.31 1.22 0.00	19.40 1.23 0.00	19.33 1.27 0.00	19.19 1.27 0.00	20.63 1.41 0.00	25.96 1.75 0.00	27.79 1.72 0.00	30.41 1.83 0.00	24.29 1.42 0.00	20.11 1.10 0.00	22.50 1.17 0.00
ASTORIA_GT2_4 24097	19.44 1.00 0.00	16.69 0.85 0.00	14.13 0.73 0.00	15.43 0.72 0.00	13.26 0.61 0.00	20.89 0.90 0.00	19.27 0.86 0.00	25.69 1.41 0.00	30.70 1.70 0.00	29.97 1.89 0.00	22.79 1.49 0.00	21.78 1.41 0.00	20.13 1.31 0.00	19.31 1.22 0.00	19.40 1.23 0.00	19.33 1.27 0.00	19.19 1.27 0.00	20.63 1.41 0.00	25.96 1.75 0.00	27.79 1.72 0.00	30.41 1.83 0.00	24.29 1.42 0.00	20.11 1.10 0.00	22.50 1.17 0.00
ASTORIA_GT3_1 24098	19.44 1.00 0.00	16.69 0.85 0.00	14.13 0.73 0.00	15.43 0.72 0.00	13.26 0.61 0.00	20.89 0.90 0.00	19.27 0.86 0.00	25.69 1.41 0.00	30.70 1.70 0.00	29.97 1.89 0.00	22.79 1.49 0.00	21.78 1.41 0.00	20.13 1.31 0.00	19.31 1.22 0.00	19.40 1.23 0.00	19.33 1.27 0.00	19.19 1.27 0.00	20.63 1.41 0.00	25.96 1.75 0.00	27.79 1.72 0.00	30.41 1.83 0.00	24.29 1.42 0.00	20.11 1.10 0.00	22.50 1.17 0.00
ASTORIA_GT3_2 24099	19.44 1.00 0.00	16.69 0.85 0.00	14.13 0.73 0.00	15.43 0.72 0.00	13.26 0.61 0.00	20.89 0.90 0.00	19.27 0.86 0.00	25.69 1.41 0.00	30.70 1.70 0.00	29.97 1.89 0.00	22.79 1.49 0.00	21.78 1.41 0.00	20.13 1.31 0.00	19.31 1.22 0.00	19.40 1.23 0.00	19.33 1.27 0.00	19.19 1.27 0.00	20.63 1.41 0.00	25.96 1.75 0.00	27.79 1.72 0.00	30.41 1.83 0.00	24.29 1.42 0.00	20.11 1.10 0.00	22.50 1.17 0.00
ASTORIA_GT3_3 24100	19.44 1.00 0.00	16.69 0.85 0.00	14.13 0.73 0.00	15.43 0.72 0.00	13.26 0.61 0.00	20.89 0.90 0.00	19.27 0.86 0.00	25.69 1.41 0.00	30.70 1.70 0.00	29.97 1.89 0.00	22.79 1.49 0.00	21.78 1.41 0.00	20.13 1.31 0.00	19.31 1.22 0.00	19.40 1.23 0.00	19.33 1.27 0.00	19.19 1.27 0.00	20.63 1.41 0.00	25.96 1.75 0.00	27.79 1.72 0.00	30.41 1.83 0.00	24.29 1.42 0.00	20.11 1.10 0.00	22.50 1.17 0.00
ASTORIA_GT3_4 24101	19.44 1.00 0.00	16.69 0.85 0.00	14.13 0.73 0.00	15.43 0.72 0.00	13.26 0.61 0.00	20.89 0.90 0.00	19.27 0.86 0.00	25.69 1.41 0.00	30.70 1.70 0.00	29.97 1.89 0.00	22.79 1.49 0.00	21.78 1.41 0.00	20.13 1.31 0.00	19.31 1.22 0.00	19.40 1.23 0.00	19.33 1.27 0.00	19.19 1.27 0.00	20.63 1.41 0.00	25.96 1.75 0.00	27.79 1.72 0.00	30.41 1.83 0.00	24.29 1.42 0.00	20.11 1.10 0.00	22.50 1.17 0.00
ASTORIA_GT4_1 24102	19.44 1.00 0.00	16.69 0.85 0.00	14.13 0.73 0.00	15.43 0.72 0.00	13.26 0.61 0.00	20.89 0.90 0.00	19.27 0.86 0.00	25.69 1.41 0.00	30.70 1.70 0.00	29.97 1.89 0.00	22.79 1.49 0.00	21.78 1.41 0.00	20.13 1.31 0.00	19.31 1.22 0.00	19.40 1.23 0.00	19.33 1.27 0.00	19.19 1.27 0.00	20.63 1.41 0.00	25.96 1.75 0.00	27.79 1.72 0.00	30.41 1.83 0.00	24.29 1.42 0.00	20.11 1.10 0.00	22.50 1.17 0.00
ASTORIA_GT4_2 24103	19.44 1.00 0.00	16.69 0.85 0.00	14.13 0.73 0.00	15.43 0.72 0.00	13.26 0.61 0.00	20.89 0.90 0.00	19.27 0.86 0.00	25.69 1.41 0.00	30.70 1.70 0.00	29.97 1.89 0.00	22.79 1.49 0.00	21.78 1.41 0.00	20.13 1.31 0.00	19.31 1.22 0.00	19.40 1.23 0.00	19.33 1.27 0.00	19.19 1.27 0.00	20.63 1.41 0.00	25.96 1.75 0.00	27.79 1.72 0.00	30.41 1.83 0.00	24.29 1.42 0.00	20.11 1.10 0.00	22.50 1.17 0.00
ASTORIA_GT4_3 24104	19.44 1.00 0.00	16.69 0.85 0.00	14.13 0.73 0.00	15.43 0.72 0.00	13.26 0.61 0.00	20.89 0.90 0.00	19.27 0.86 0.00	25.69 1.41 0.00	30.70 1.70 0.00	29.97 1.89 0.00	22.79 1.49 0.00	21.78 1.41 0.00	20.13 1.31 0.00	19.31 1.22 0.00	19.40 1.23 0.00	19.33 1.27 0.00	19.19 1.27 0.00	20.63 1.41 0.00	25.96 1.75 0.00	27.79 1.72 0.00	30.41 1.83 0.00	24.29 1.42 0.00	20.11 1.10 0.00	22.50 1.17 0.00

ASTORIA_GT4_4 24105	19.44 1.00 0.00	16.69 0.85 0.00	14.13 0.73 0.00	15.43 0.72 0.00	13.26 0.61 0.00	20.89 0.90 0.00	19.27 0.86 0.00	25.69 1.41 0.00	30.70 1.70 0.00	29.97 1.89 0.00	22.79 1.49 0.00	21.78 1.41 0.00	20.13 1.31 0.00	19.31 1.22 0.00	19.40 1.23 0.00	19.33 1.27 0.00	19.19 1.27 0.00	20.63 1.41 0.00	25.96 1.75 0.00	27.79 1.72 0.00	30.41 1.83 0.00	24.29 1.42 0.00	20.11 1.10 0.00	22.50 1.17 0.00
ASTORIA_GT_1 23523	19.47 1.03 0.00	16.72 0.88 0.00	14.14 0.75 0.00	15.45 0.75 0.00	13.27 0.63 0.00	20.93 0.94 0.00	19.30 0.89 0.00	25.74 1.46 0.00	30.76 1.76 0.00	30.02 1.95 0.00	22.84 1.54 0.00	21.82 1.45 0.00	20.18 1.35 0.00	19.34 1.25 0.00	19.44 1.27 0.00	19.37 1.31 0.00	19.23 1.31 0.00	20.67 1.45 0.00	26.00 1.80 0.00	27.84 1.77 0.00	30.46 1.89 0.00	24.34 1.46 0.00	20.15 1.14 0.00	22.53 1.21 0.00
ASTORIA_GT_10 24110	19.46 1.02 0.00	16.69 0.86 0.00	14.11 0.72 0.00	15.42 0.71 0.00	13.26 0.62 0.00	20.93 0.94 0.00	19.27 0.87 0.00	25.66 1.38 0.00	30.70 1.69 0.00	29.98 1.90 0.00	22.82 1.52 0.00	21.81 1.44 0.00	20.15 1.32 0.00	19.34 1.25 0.00	19.43 1.26 0.00	19.36 1.30 0.00	19.22 1.30 0.00	20.66 1.45 0.00	26.02 1.82 0.00	27.84 1.77 0.00	30.45 1.88 0.00	24.30 1.43 0.00	20.12 1.11 0.00	22.51 1.18 0.00
ASTORIA_GT_11 24225	19.46 1.02 0.00	16.69 0.86 0.00	14.11 0.72 0.00	15.42 0.71 0.00	13.26 0.62 0.00	20.93 0.94 0.00	19.27 0.87 0.00	25.66 1.38 0.00	30.70 1.69 0.00	29.98 1.90 0.00	22.82 1.52 0.00	21.81 1.44 0.00	20.15 1.32 0.00	19.34 1.25 0.00	19.43 1.26 0.00	19.36 1.30 0.00	19.22 1.30 0.00	20.66 1.45 0.00	26.02 1.82 0.00	27.84 1.77 0.00	30.45 1.88 0.00	24.30 1.43 0.00	20.12 1.11 0.00	22.51 1.18 0.00
ASTORIA_GT_12 24226	19.46 1.02 0.00	16.69 0.86 0.00	14.11 0.72 0.00	15.42 0.71 0.00	13.26 0.62 0.00	20.93 0.94 0.00	19.27 0.87 0.00	25.66 1.38 0.00	30.70 1.69 0.00	29.98 1.90 0.00	22.82 1.52 0.00	21.81 1.44 0.00	20.15 1.32 0.00	19.34 1.25 0.00	19.43 1.26 0.00	19.36 1.30 0.00	19.22 1.30 0.00	20.66 1.45 0.00	26.02 1.82 0.00	27.84 1.77 0.00	30.45 1.88 0.00	24.30 1.43 0.00	20.12 1.11 0.00	22.51 1.18 0.00
ASTORIA_GT_13 24227	19.46 1.02 0.00	16.69 0.86 0.00	14.11 0.72 0.00	15.42 0.71 0.00	13.26 0.62 0.00	20.93 0.94 0.00	19.27 0.87 0.00	25.66 1.38 0.00	30.70 1.69 0.00	29.98 1.90 0.00	22.82 1.52 0.00	21.81 1.44 0.00	20.15 1.32 0.00	19.34 1.25 0.00	19.43 1.26 0.00	19.36 1.30 0.00	19.22 1.30 0.00	20.66 1.45 0.00	26.02 1.82 0.00	27.84 1.77 0.00	30.45 1.88 0.00	24.30 1.43 0.00	20.12 1.11 0.00	22.51 1.18 0.00
ASTORIA_GT_5 24106	19.47 1.03 0.00	16.72 0.88 0.00	14.14 0.75 0.00	15.45 0.75 0.00	13.27 0.63 0.00	20.93 0.94 0.00	19.30 0.89 0.00	25.74 1.46 0.00	30.76 1.76 0.00	30.02 1.95 0.00	22.84 1.54 0.00	21.83 1.45 0.00	20.18 1.35 0.00	19.35 1.25 0.00	19.44 1.27 0.00	19.37 1.30 0.00	19.23 1.31 0.00	20.67 1.45 0.00	26.00 1.80 0.00	27.84 1.77 0.00	30.46 1.89 0.00	24.34 1.46 0.00	20.15 1.14 0.00	22.53 1.21 0.00
ASTORIA_GT_7 24107	19.47 1.03 0.00	16.72 0.88 0.00	14.14 0.75 0.00	15.45 0.75 0.00	13.27 0.63 0.00	20.93 0.94 0.00	19.30 0.89 0.00	25.74 1.46 0.00	30.76 1.76 0.00	30.02 1.95 0.00	22.84 1.54 0.00	21.83 1.45 0.00	20.18 1.35 0.00	19.35 1.25 0.00	19.44 1.27 0.00	19.37 1.30 0.00	19.23 1.31 0.00	20.67 1.45 0.00	26.00 1.80 0.00	27.84 1.77 0.00	30.46 1.89 0.00	24.34 1.46 0.00	20.15 1.14 0.00	22.53 1.21 0.00
ASTORIA_GT_8 24108	19.47 1.03 0.00	16.72 0.88 0.00	14.14 0.75 0.00	15.45 0.75 0.00	13.27 0.63 0.00	20.93 0.94 0.00	19.30 0.89 0.00	25.74 1.46 0.00	30.76 1.76 0.00	30.02 1.95 0.00	22.84 1.54 0.00	21.83 1.45 0.00	20.18 1.35 0.00	19.35 1.25 0.00	19.44 1.27 0.00	19.37 1.30 0.00	19.23 1.31 0.00	20.67 1.45 0.00	26.00 1.80 0.00	27.84 1.77 0.00	30.46 1.89 0.00	24.34 1.46 0.00	20.15 1.14 0.00	22.53 1.21 0.00
ASTORIA___2 24149	19.44 1.00 0.00	16.69 0.85 0.00	14.13 0.73 0.00	15.43 0.72 0.00	13.26 0.61 0.00	20.89 0.90 0.00	19.27 0.86 0.00	25.69 1.41 0.00	30.70 1.69 0.00	29.97 1.89 0.00	22.80 1.50 0.00	21.78 1.40 0.00	20.13 1.31 0.00	19.31 1.22 0.00	19.40 1.23 0.00	19.33 1.27 0.00	19.19 1.27 0.00	20.63 1.41 0.00	25.96 1.75 0.00	27.79 1.72 0.00	30.41 1.83 0.00	24.29 1.42 0.00	20.11 1.10 0.00	22.50 1.17 0.00
ASTORIA___3 23516	19.46 1.02 0.00	16.69 0.85 0.00	14.11 0.72 0.00	15.42 0.71 0.00	13.26 0.62 0.00	20.93 0.94 0.00	19.27 0.86 0.00	25.66 1.38 0.00	30.70 1.69 0.00	29.98 1.90 0.00	22.82 1.52 0.00	21.80 1.43 0.00	20.15 1.32 0.00	19.34 1.25 0.00	19.43 1.26 0.00	19.36 1.30 0.00	19.22 1.30 0.00	20.66 1.45 0.00	26.02 1.81 0.00	27.84 1.77 0.00	30.45 1.87 0.00	24.30 1.43 0.00	20.12 1.11 0.00	22.51 1.18 0.00
ASTORIA___4 23517	19.46 1.02 0.00	16.69 0.86 0.00	14.11 0.72 0.00	15.42 0.71 0.00	13.26 0.62 0.00	20.93 0.94 0.00	19.27 0.86 0.00	25.66 1.38 0.00	30.70 1.69 0.00	29.98 1.90 0.00	22.82 1.52 0.00	21.81 1.43 0.00	20.15 1.32 0.00	19.34 1.25 0.00	19.43 1.26 0.00	19.36 1.30 0.00	19.22 1.30 0.00	20.66 1.45 0.00	26.02 1.82 0.00	27.84 1.77 0.00	30.45 1.88 0.00	24.30 1.43 0.00	20.12 1.11 0.00	22.51 1.18 0.00
ASTORIA___5 23518	19.46 1.02 0.00	16.69 0.85 0.00	14.11 0.72 0.00	15.42 0.71 0.00	13.26 0.62 0.00	20.93 0.94 0.00	19.27 0.87 0.00	25.66 1.38 0.00	30.70 1.69 0.00	29.98 1.90 0.00	22.82 1.52 0.00	21.80 1.43 0.00	20.15 1.32 0.00	19.34 1.25 0.00	19.43 1.26 0.00	19.36 1.30 0.00	19.22 1.30 0.00	20.66 1.45 0.00	26.02 1.81 0.00	27.84 1.77 0.00	30.45 1.87 0.00	24.30 1.43 0.00	20.12 1.11 0.00	22.51 1.18 0.00
AST_ENERGY_2_CC3 323677	19.45 1.01 0.00	16.68 0.84 0.00	14.11 0.72 0.00	15.43 0.72 0.00	13.28 0.63 0.00	20.92 0.93 0.00	19.25 0.85 0.00	25.63 1.34 0.00	30.66 1.65 0.00	29.96 1.88 0.00	22.81 1.52 0.00	21.80 1.42 0.00	20.14 1.32 0.00	19.33 1.24 0.00	19.43 1.26 0.00	19.36 1.30 0.00	19.22 1.30 0.00	20.66 1.44 0.00	26.02 1.81 0.00	27.82 1.75 0.00	30.43 1.85 0.00	24.28 1.41 0.00	20.11 1.10 0.00	22.48 1.16 0.00
AST_ENERGY_2_CC4 323678	19.45 1.01 0.00	16.68 0.84 0.00	14.11 0.72 0.00	15.43 0.72 0.00	13.28 0.63 0.00	20.92 0.93 0.00	19.25 0.85 0.00	25.63 1.34 0.00	30.66 1.65 0.00	29.96 1.88 0.00	22.81 1.52 0.00	21.80 1.42 0.00	20.14 1.32 0.00	19.33 1.24 0.00	19.43 1.26 0.00	19.36 1.30 0.00	19.22 1.30 0.00	20.66 1.44 0.00	26.02 1.81 0.00	27.82 1.75 0.00	30.43 1.85 0.00	24.28 1.41 0.00	20.11 1.10 0.00	22.48 1.16 0.00

ATHENS_STG_1 23668	18.94 0.50 0.00	16.27 0.44 0.00	13.79 0.39 0.00	15.08 0.38 0.00	12.99 0.34 0.00	20.46 0.47 0.00	18.85 0.44 0.00	24.95 0.67 0.00	29.78 0.77 0.00	28.91 0.83 0.00	21.97 0.67 0.00	20.99 0.61 0.00	19.37 0.55 0.00	18.61 0.51 0.00	18.70 0.53 0.00	18.62 0.56 0.00	18.48 0.56 0.00	19.88 0.67 0.00	25.12 0.91 0.00	26.99 0.92 0.00	29.57 0.99 0.00	23.62 0.74 0.00	19.57 0.56 0.00	21.90 0.57 0.00
ATHENS_STG_2 23670	18.94 0.50 0.00	16.27 0.44 0.00	13.79 0.39 0.00	15.08 0.38 0.00	12.99 0.34 0.00	20.46 0.47 0.00	18.85 0.44 0.00	24.95 0.67 0.00	29.78 0.77 0.00	28.91 0.83 0.00	21.97 0.67 0.00	20.99 0.61 0.00	19.37 0.55 0.00	18.61 0.51 0.00	18.70 0.53 0.00	18.62 0.56 0.00	18.48 0.56 0.00	19.88 0.67 0.00	25.12 0.91 0.00	26.99 0.92 0.00	29.57 0.99 0.00	23.62 0.74 0.00	19.57 0.56 0.00	21.90 0.57 0.00
ATHENS_STG_3 23677	18.94 0.50 0.00	16.27 0.44 0.00	13.79 0.39 0.00	15.08 0.38 0.00	12.99 0.34 0.00	20.46 0.47 0.00	18.85 0.44 0.00	24.95 0.67 0.00	29.78 0.77 0.00	28.91 0.83 0.00	21.97 0.67 0.00	20.99 0.61 0.00	19.37 0.55 0.00	18.61 0.51 0.00	18.70 0.53 0.00	18.62 0.56 0.00	18.48 0.56 0.00	19.88 0.67 0.00	25.12 0.91 0.00	26.99 0.92 0.00	29.57 0.99 0.00	23.62 0.74 0.00	19.57 0.56 0.00	21.90 0.57 0.00
AUBURN___LFGE 323710	18.51 0.07 0.00	15.89 0.06 0.00	13.43 0.04 0.00	14.75 0.05 0.00	12.67 0.03 0.00	20.12 0.12 0.00	18.50 0.10 0.00	24.43 0.15 0.00	29.28 0.27 0.00	28.34 0.26 0.00	21.39 0.09 0.00	20.49 0.11 0.00	18.98 0.15 0.00	18.25 0.15 0.00	18.32 0.15 0.00	18.25 0.19 0.00	18.08 0.16 0.00	19.36 0.15 0.00	24.48 0.28 0.00	26.30 0.23 0.00	28.81 0.23 0.00	23.09 0.21 0.00	19.19 0.18 0.00	21.54 0.21 0.00
BABYLON_RES_REC 323704	20.21 1.24 -0.53	17.38 1.01 -0.54	14.34 0.84 -0.11	15.66 0.84 -0.13	14.12 0.72 -0.76	22.26 1.15 -1.12	20.69 1.10 -1.18	26.04 1.68 -0.08	31.63 2.00 -0.63	30.58 2.31 -0.20	24.76 1.88 -1.58	23.08 1.77 -0.93	20.71 1.54 -0.34	19.41 1.31 0.00	19.46 1.28 0.00	19.45 1.38 0.00	19.22 1.30 0.00	20.63 1.42 0.00	26.12 1.91 0.00	27.87 1.80 0.00	30.62 2.05 0.00	24.48 1.61 0.00	20.38 1.37 -0.01	22.76 1.43 0.00
BABYLON__69_KV_BK2 356345	21.73 1.44 -1.86	18.90 1.17 -1.90	14.77 0.98 -0.39	16.13 1.00 -0.43	16.17 0.85 -2.67	25.27 1.35 -3.93	23.85 1.27 -4.17	26.46 1.90 -0.28	33.48 2.26 -2.21	31.16 2.58 -0.49	25.92 2.10 -2.52	23.37 1.99 -1.01	20.90 1.73 -0.34	19.59 1.50 0.00	19.64 1.47 0.00	19.65 1.58 0.00	19.41 1.49 0.00	20.84 1.62 0.00	26.39 2.18 0.00	28.16 2.09 0.00	30.93 2.35 0.00	24.72 1.84 -0.01	20.58 1.56 -0.01	22.98 1.65 0.00
BALL_HILL_WT_PWR 323825	18.42 -0.02 0.00	15.88 0.05 0.00	13.40 0.01 0.00	14.77 0.06 0.00	12.57 -0.08 0.00	20.08 0.09 0.00	18.34 -0.07 0.00	24.21 -0.07 0.00	28.98 -0.03 0.00	28.35 0.27 0.00	21.65 0.35 0.00	20.87 0.49 0.00	19.46 0.63 0.00	18.73 0.64 0.00	18.66 0.50 0.00	18.42 0.35 0.00	18.22 0.30 0.00	19.45 0.23 0.00	24.20 -0.01 0.00	26.00 -0.06 0.00	28.44 -0.13 0.00	22.75 -0.13 0.00	18.96 -0.05 0.00	21.40 0.08 0.00
BARON_WINDS___WT_PWR 323822	18.35 -0.09 0.00	15.75 -0.08 0.00	13.28 -0.12 0.00	14.63 -0.07 0.00	12.47 -0.18 0.00	19.75 -0.24 0.00	18.01 -0.40 0.00	23.98 -0.30 0.00	28.79 -0.21 0.00	28.12 0.04 0.00	21.54 0.24 0.00	20.77 0.40 0.00	19.34 0.52 0.00	18.60 0.51 0.00	18.63 0.46 0.00	18.41 0.35 0.00	18.16 0.23 0.00	19.43 0.22 0.00	24.32 0.11 0.00	26.18 0.11 0.00	28.62 0.04 0.00	22.76 -0.11 0.00	18.86 -0.15 0.00	21.15 -0.17 0.00
BARRETT_IC_1 23704	19.52 1.08 0.00	16.71 0.88 0.00	14.13 0.73 0.00	15.42 0.72 0.00	13.27 0.63 0.00	20.99 1.00 0.00	19.32 0.91 0.00	25.65 1.37 0.00	30.65 1.64 0.00	30.97 1.94 -0.95	37.92 1.56 -15.06	33.17 1.48 -11.32	24.43 1.34 -4.26	19.28 1.19 0.00	19.36 1.19 0.00	19.33 1.26 0.00	19.12 1.20 0.00	20.49 1.28 0.00	25.89 1.68 0.00	27.62 1.56 0.00	30.30 1.73 0.00	24.22 1.34 0.00	20.14 1.13 0.00	22.51 1.18 0.00
BARRETT_IC_10 23701	19.52 1.08 0.00	16.71 0.88 0.00	14.13 0.73 0.00	15.42 0.72 0.00	13.27 0.63 0.00	20.99 1.00 0.00	19.32 0.91 0.00	25.65 1.37 0.00	30.65 1.64 0.00	30.97 1.94 -0.95	37.92 1.56 -15.06	33.17 1.48 -11.32	24.43 1.34 -4.26	19.28 1.19 0.00	19.36 1.19 0.00	19.33 1.26 0.00	19.12 1.20 0.00	20.49 1.28 0.00	25.89 1.68 0.00	27.62 1.56 0.00	30.30 1.73 0.00	24.22 1.34 0.00	20.14 1.13 0.00	22.51 1.18 0.00
BARRETT_IC_11 23702	19.52 1.08 0.00	16.71 0.88 0.00	14.13 0.73 0.00	15.42 0.72 0.00	13.27 0.63 0.00	20.99 1.00 0.00	19.32 0.91 0.00	25.65 1.37 0.00	30.65 1.64 0.00	30.97 1.94 -0.95	37.92 1.56 -15.06	33.17 1.48 -11.32	24.43 1.34 -4.26	19.28 1.19 0.00	19.36 1.19 0.00	19.33 1.26 0.00	19.12 1.20 0.00	20.49 1.28 0.00	25.89 1.68 0.00	27.62 1.56 0.00	30.30 1.73 0.00	24.22 1.34 0.00	20.14 1.13 0.00	22.51 1.18 0.00
BARRETT_IC_12 23703	19.52 1.08 0.00	16.71 0.88 0.00	14.13 0.73 0.00	15.42 0.72 0.00	13.27 0.63 0.00	20.99 1.00 0.00	19.32 0.91 0.00	25.65 1.37 0.00	30.65 1.64 0.00	30.97 1.94 -0.95	37.92 1.56 -15.06	33.17 1.48 -11.32	24.43 1.34 -4.26	19.28 1.19 0.00	19.36 1.19 0.00	19.33 1.26 0.00	19.12 1.20 0.00	20.49 1.28 0.00	25.89 1.68 0.00	27.62 1.56 0.00	30.30 1.73 0.00	24.22 1.34 0.00	20.14 1.13 0.00	22.51 1.18 0.00
BARRETT_IC_2 23705	19.52 1.08 0.00	16.71 0.88 0.00	14.13 0.73 0.00	15.42 0.72 0.00	13.27 0.63 0.00	20.99 1.00 0.00	19.32 0.91 0.00	25.65 1.37 0.00	30.65 1.64 0.00	30.97 1.94 -0.95	37.92 1.56 -15.06	33.17 1.48 -11.32	24.43 1.34 -4.26	19.28 1.19 0.00	19.36 1.19 0.00	19.33 1.26 0.00	19.12 1.20 0.00	20.49 1.28 0.00	25.89 1.68 0.00	27.62 1.56 0.00	30.30 1.73 0.00	24.22 1.34 0.00	20.14 1.13 0.00	22.51 1.18 0.00
BARRETT_IC_3 23706	19.52 1.08 0.00	16.71 0.88 0.00	14.13 0.73 0.00	15.42 0.72 0.00	13.27 0.63 0.00	20.99 1.00 0.00	19.32 0.91 0.00	25.65 1.37 0.00	30.65 1.64 0.00	30.97 1.94 -0.95	37.92 1.56 -15.06	33.17 1.48 -11.32	24.43 1.34 -4.26	19.28 1.19 0.00	19.36 1.19 0.00	19.33 1.26 0.00	19.12 1.20 0.00	20.49 1.28 0.00	25.89 1.68 0.00	27.62 1.56 0.00	30.30 1.73 0.00	24.22 1.34 0.00	20.14 1.13 0.00	22.51 1.18 0.00
BARRETT_IC_4 23707	19.52 1.08 0.00	16.71 0.88 0.00	14.13 0.73 0.00	15.42 0.72 0.00	13.27 0.63 0.00	20.99 1.00 0.00	19.32 0.91 0.00	25.65 1.37 0.00	30.65 1.64 0.00	30.97 1.94 -0.95	37.92 1.56 -15.06	33.17 1.48 -11.32	24.43 1.34 -4.26	19.28 1.19 0.00	19.36 1.19 0.00	19.33 1.26 0.00	19.12 1.20 0.00	20.49 1.28 0.00	25.89 1.68 0.00	27.62 1.56 0.00	30.30 1.73 0.00	24.22 1.34 0.00	20.14 1.13 0.00	22.51 1.18 0.00

BARRETT_IC_5 23708	19.52 1.08 0.00	16.71 0.88 0.00	14.13 0.73 0.00	15.42 0.72 0.00	13.27 0.63 0.00	20.99 1.00 0.00	19.32 0.91 0.00	25.65 1.37 0.00	30.65 1.64 0.00	30.97 1.94 -0.95	37.92 1.56 -15.06	33.17 1.48 -11.32	24.43 1.34 -4.26	19.28 1.19 0.00	19.36 1.19 0.00	19.33 1.26 0.00	19.12 1.20 0.00	20.49 1.28 0.00	25.89 1.68 0.00	27.62 1.56 0.00	30.30 1.73 0.00	24.22 1.34 0.00	20.14 1.13 0.00	22.51 1.18 0.00
BARRETT_IC_6 23709	19.52 1.08 0.00	16.71 0.88 0.00	14.13 0.73 0.00	15.42 0.72 0.00	13.27 0.63 0.00	20.99 1.00 0.00	19.32 0.91 0.00	25.65 1.37 0.00	30.65 1.64 0.00	30.97 1.94 -0.95	37.92 1.56 -15.06	33.17 1.48 -11.32	24.43 1.34 -4.26	19.28 1.19 0.00	19.36 1.19 0.00	19.33 1.26 0.00	19.12 1.20 0.00	20.49 1.28 0.00	25.89 1.68 0.00	27.62 1.56 0.00	30.30 1.73 0.00	24.22 1.34 0.00	20.14 1.13 0.00	22.51 1.18 0.00
BARRETT_IC_7 23710	19.52 1.08 0.00	16.72 0.88 0.00	14.13 0.73 0.00	15.42 0.72 0.00	13.27 0.63 0.00	20.99 1.00 0.00	19.32 0.91 0.00	25.65 1.37 0.00	30.65 1.64 0.00	30.97 1.94 -0.95	37.94 1.59 -15.06	33.19 1.49 -11.32	24.43 1.34 -4.26	19.28 1.19 0.00	19.36 1.19 0.00	19.33 1.26 0.00	19.12 1.20 0.00	20.49 1.28 0.00	25.89 1.68 0.00	27.62 1.56 0.00	30.31 1.73 0.00	24.22 1.34 0.00	20.14 1.13 0.00	22.51 1.18 0.00
BARRETT_IC_8 23711	19.52 1.08 0.00	16.71 0.88 0.00	14.13 0.73 0.00	15.42 0.72 0.00	13.27 0.63 0.00	20.99 1.00 0.00	19.32 0.91 0.00	25.65 1.37 0.00	30.65 1.64 0.00	30.97 1.94 -0.95	37.92 1.56 -15.06	33.17 1.48 -11.32	24.43 1.34 -4.26	19.28 1.19 0.00	19.36 1.19 0.00	19.33 1.26 0.00	19.12 1.20 0.00	20.49 1.28 0.00	25.89 1.68 0.00	27.62 1.56 0.00	30.30 1.73 0.00	24.22 1.34 0.00	20.14 1.13 0.00	22.51 1.18 0.00
BARRETT_IC_9 23700	19.52 1.08 0.00	16.71 0.88 0.00	14.13 0.73 0.00	15.42 0.72 0.00	13.27 0.63 0.00	20.99 1.00 0.00	19.32 0.91 0.00	25.65 1.37 0.00	30.65 1.64 0.00	30.97 1.94 -0.95	37.92 1.56 -15.06	33.17 1.48 -11.32	24.43 1.34 -4.26	19.28 1.19 0.00	19.36 1.19 0.00	19.33 1.26 0.00	19.12 1.20 0.00	20.49 1.28 0.00	25.89 1.68 0.00	27.62 1.56 0.00	30.30 1.73 0.00	24.22 1.34 0.00	20.14 1.13 0.00	22.51 1.18 0.00
BARRETT___1 23545	19.52 1.08 0.00	16.71 0.88 0.00	14.13 0.73 0.00	15.42 0.72 0.00	13.27 0.63 0.00	20.99 1.00 0.00	19.32 0.91 0.00	25.65 1.37 0.00	30.65 1.64 0.00	30.97 1.94 -0.95	37.92 1.56 -15.06	33.17 1.48 -11.32	24.43 1.34 -4.26	19.28 1.19 0.00	19.36 1.19 0.00	19.33 1.26 0.00	19.12 1.20 0.00	20.49 1.28 0.00	25.89 1.68 0.00	27.62 1.56 0.00	30.30 1.73 0.00	24.22 1.34 0.00	20.14 1.13 0.00	22.51 1.18 0.00
BARRETT___2 23546	19.52 1.08 0.00	16.71 0.88 0.00	14.13 0.73 0.00	15.42 0.72 0.00	13.27 0.63 0.00	20.99 1.00 0.00	19.32 0.91 0.00	25.65 1.37 0.00	30.65 1.64 0.00	30.97 1.94 -0.95	37.92 1.56 -15.06	33.17 1.48 -11.32	24.43 1.34 -4.26	19.28 1.19 0.00	19.36 1.19 0.00	19.33 1.26 0.00	19.12 1.20 0.00	20.49 1.28 0.00	25.89 1.68 0.00	27.62 1.56 0.00	30.30 1.73 0.00	24.22 1.34 0.00	20.14 1.13 0.00	22.51 1.18 0.00
BATAVIA___115KV_TB1 55881	18.49 0.06 0.00	15.92 0.08 0.00	13.44 0.04 0.00	14.84 0.14 0.00	12.67 0.02 0.00	20.25 0.26 0.00	18.55 0.14 0.00	24.33 0.05 0.00	28.92 -0.09 0.00	28.00 -0.07 0.00	21.29 0.00 0.00	20.50 0.13 0.00	19.08 0.25 0.00	18.45 0.36 0.00	18.38 0.21 0.00	18.18 0.12 0.00	18.02 0.10 0.00	19.28 0.06 0.00	24.17 -0.04 0.00	26.12 0.06 0.00	28.74 0.16 0.00	22.94 0.06 0.00	19.09 0.08 0.00	21.42 0.10 0.00
BAYONEEC___CTG1 323682	19.48 1.03 0.00	16.70 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.63 0.00	20.95 0.96 0.00	19.29 0.88 0.00	25.67 1.38 0.00	30.70 1.70 0.00	30.01 1.92 0.00	22.84 1.55 0.00	21.83 1.45 0.00	20.17 1.34 0.00	19.35 1.26 0.00	19.45 1.28 0.00	19.39 1.32 0.00	19.24 1.32 0.00	20.69 1.47 0.00	26.05 1.85 0.00	27.86 1.80 0.00	30.48 1.91 0.00	24.33 1.45 0.00	20.13 1.12 0.00	22.51 1.19 0.00
BAYONEEC___CTG10 323750	19.48 1.03 0.00	16.70 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.63 0.00	20.95 0.96 0.00	19.29 0.88 0.00	25.67 1.38 0.00	30.70 1.70 0.00	30.01 1.92 0.00	22.84 1.55 0.00	21.83 1.45 0.00	20.17 1.34 0.00	19.35 1.26 0.00	19.45 1.28 0.00	19.39 1.32 0.00	19.24 1.32 0.00	20.69 1.47 0.00	26.05 1.85 0.00	27.86 1.80 0.00	30.48 1.91 0.00	24.33 1.45 0.00	20.13 1.12 0.00	22.51 1.19 0.00
BAYONEEC___CTG2 323683	19.48 1.03 0.00	16.70 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.63 0.00	20.95 0.96 0.00	19.29 0.88 0.00	25.67 1.38 0.00	30.70 1.70 0.00	30.01 1.92 0.00	22.84 1.55 0.00	21.83 1.45 0.00	20.17 1.34 0.00	19.35 1.26 0.00	19.45 1.28 0.00	19.39 1.32 0.00	19.24 1.32 0.00	20.69 1.47 0.00	26.05 1.85 0.00	27.86 1.80 0.00	30.48 1.91 0.00	24.33 1.45 0.00	20.13 1.12 0.00	22.51 1.19 0.00
BAYONEEC___CTG3 323684	19.48 1.03 0.00	16.70 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.63 0.00	20.95 0.96 0.00	19.29 0.88 0.00	25.67 1.38 0.00	30.70 1.70 0.00	30.01 1.92 0.00	22.84 1.55 0.00	21.83 1.45 0.00	20.17 1.34 0.00	19.35 1.26 0.00	19.45 1.28 0.00	19.39 1.32 0.00	19.24 1.32 0.00	20.69 1.47 0.00	26.05 1.85 0.00	27.86 1.80 0.00	30.48 1.91 0.00	24.33 1.45 0.00	20.13 1.12 0.00	22.51 1.19 0.00
BAYONEEC___CTG4 323685	19.48 1.03 0.00	16.70 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.63 0.00	20.95 0.96 0.00	19.29 0.88 0.00	25.67 1.38 0.00	30.70 1.70 0.00	30.01 1.92 0.00	22.84 1.55 0.00	21.83 1.45 0.00	20.17 1.34 0.00	19.35 1.26 0.00	19.45 1.28 0.00	19.39 1.32 0.00	19.24 1.32 0.00	20.69 1.47 0.00	26.05 1.85 0.00	27.86 1.80 0.00	30.48 1.91 0.00	24.33 1.45 0.00	20.13 1.12 0.00	22.51 1.19 0.00
BAYONEEC___CTG5 323686	19.48 1.03 0.00	16.70 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.63 0.00	20.95 0.96 0.00	19.29 0.88 0.00	25.67 1.38 0.00	30.70 1.70 0.00	30.01 1.92 0.00	22.84 1.55 0.00	21.83 1.45 0.00	20.17 1.34 0.00	19.35 1.26 0.00	19.45 1.28 0.00	19.39 1.32 0.00	19.24 1.32 0.00	20.69 1.47 0.00	26.05 1.85 0.00	27.86 1.80 0.00	30.48 1.91 0.00	24.33 1.45 0.00	20.13 1.12 0.00	22.51 1.19 0.00
BAYONEEC___CTG6 323687	19.48 1.03 0.00	16.70 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.63 0.00	20.95 0.96 0.00	19.29 0.88 0.00	25.67 1.38 0.00	30.70 1.70 0.00	30.01 1.92 0.00	22.84 1.55 0.00	21.83 1.45 0.00	20.17 1.34 0.00	19.35 1.26 0.00	19.45 1.28 0.00	19.39 1.32 0.00	19.24 1.32 0.00	20.69 1.47 0.00	26.05 1.85 0.00	27.86 1.80 0.00	30.48 1.91 0.00	24.33 1.45 0.00	20.13 1.12 0.00	22.51 1.19 0.00

BAYONEEC___CTG7 323688	19.48 1.03 0.00	16.70 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.63 0.00	20.95 0.96 0.00	19.29 0.88 0.00	25.67 1.38 0.00	30.70 1.70 0.00	30.01 1.92 0.00	22.84 1.55 0.00	21.83 1.45 0.00	20.17 1.34 0.00	19.35 1.26 0.00	19.45 1.28 0.00	19.39 1.32 0.00	19.24 1.32 0.00	20.69 1.47 0.00	26.05 1.85 0.00	27.86 1.80 0.00	30.48 1.91 0.00	24.33 1.45 0.00	20.13 1.12 0.00	22.51 1.19 0.00
BAYONEEC___CTG8 323689	19.48 1.03 0.00	16.70 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.63 0.00	20.95 0.96 0.00	19.29 0.88 0.00	25.67 1.38 0.00	30.70 1.70 0.00	30.01 1.92 0.00	22.84 1.55 0.00	21.83 1.45 0.00	20.17 1.34 0.00	19.35 1.26 0.00	19.45 1.28 0.00	19.39 1.32 0.00	19.24 1.32 0.00	20.69 1.47 0.00	26.05 1.85 0.00	27.86 1.80 0.00	30.48 1.91 0.00	24.33 1.45 0.00	20.13 1.12 0.00	22.51 1.19 0.00
BAYONEEC___CTG9 323749	19.48 1.03 0.00	16.70 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.63 0.00	20.95 0.96 0.00	19.29 0.88 0.00	25.67 1.38 0.00	30.70 1.70 0.00	30.01 1.92 0.00	22.84 1.55 0.00	21.83 1.45 0.00	20.17 1.34 0.00	19.35 1.26 0.00	19.45 1.28 0.00	19.39 1.32 0.00	19.24 1.32 0.00	20.69 1.47 0.00	26.05 1.85 0.00	27.86 1.80 0.00	30.48 1.91 0.00	24.33 1.45 0.00	20.13 1.12 0.00	22.51 1.19 0.00
BEACON___LESR 323632	18.77 0.33 0.00	16.12 0.28 0.00	13.68 0.29 0.00	14.96 0.26 0.00	12.91 0.26 0.00	20.30 0.31 0.00	18.75 0.34 0.00	24.72 0.43 0.00	29.39 0.38 0.00	28.40 0.33 0.00	21.54 0.25 0.00	20.58 0.20 0.00	19.00 0.17 0.00	18.28 0.19 0.00	18.38 0.22 0.00	18.32 0.25 0.00	18.25 0.33 0.00	19.65 0.44 0.00	24.84 0.63 0.00	26.72 0.66 0.00	29.25 0.67 0.00	23.33 0.46 0.00	19.40 0.40 0.00	21.73 0.40 0.00
BEAVER RIVER___HYD 24048	18.80 0.36 0.00	16.10 0.27 0.00	13.60 0.21 0.00	14.95 0.25 0.00	12.86 0.21 0.00	20.41 0.42 0.00	18.80 0.40 0.00	24.68 0.40 0.00	29.06 0.05 0.00	27.88 -0.20 0.00	21.21 -0.09 0.00	20.28 -0.09 0.00	18.72 -0.11 0.00	17.95 -0.14 0.00	17.92 -0.25 0.00	17.78 -0.29 0.00	17.69 -0.23 0.00	19.04 -0.18 0.00	24.36 0.15 0.00	26.41 0.35 0.00	29.22 0.64 0.00	23.42 0.54 0.00	19.33 0.32 0.00	21.56 0.24 0.00
BEEBEE_GT_13 23619	18.27 -0.17 0.00	15.69 -0.14 0.00	13.26 -0.14 0.00	14.61 -0.09 0.00	12.50 -0.14 0.00	19.92 -0.06 0.00	18.28 -0.13 0.00	24.05 -0.23 0.00	28.65 -0.36 0.00	27.79 -0.29 0.00	21.13 -0.17 0.00	20.32 -0.05 0.00	18.89 0.06 0.00	18.20 0.11 0.00	18.23 0.06 0.00	18.07 0.00 0.00	17.87 -0.05 0.00	19.10 -0.12 0.00	23.96 -0.24 0.00	25.83 -0.23 0.00	28.36 -0.21 0.00	22.65 -0.22 0.00	18.85 -0.16 0.00	21.16 -0.16 0.00
BENSHRST_27_KV_BENSHRST_1 355998	19.62 1.18 0.00	16.83 0.99 0.00	14.22 0.83 0.00	15.53 0.82 0.00	13.36 0.72 0.00	21.10 1.11 0.00	19.45 1.04 0.00	25.89 1.61 0.00	30.97 1.96 0.00	30.26 2.18 0.00	23.04 1.75 0.00	22.02 1.65 0.00	20.35 1.52 0.00	19.53 1.44 0.00	19.62 1.45 0.00	19.56 1.49 0.00	19.42 1.50 0.00	20.88 1.66 0.00	26.30 2.09 0.00	28.15 2.08 0.00	30.79 2.22 0.00	24.56 1.69 0.00	20.32 1.31 0.00	22.72 1.39 0.00
BETHLEHEM___GRP 23843	18.52 0.07 0.00	15.92 0.09 0.00	13.53 0.13 0.00	14.77 0.07 0.00	12.75 0.10 0.00	20.01 0.02 0.00	18.44 0.03 0.00	24.24 -0.05 0.00	28.89 -0.12 0.00	27.97 -0.11 0.00	21.25 -0.05 0.00	20.31 -0.07 0.00	18.76 -0.07 0.00	18.03 -0.06 0.00	18.13 -0.04 0.00	18.07 0.00 0.00	17.95 0.03 0.00	19.30 0.08 0.00	24.37 0.16 0.00	26.22 0.15 0.00	28.72 0.15 0.00	22.94 0.07 0.00	19.10 0.08 0.00	21.40 0.08 0.00
BETHLEHEM___GS1 323560	18.52 0.07 0.00	15.92 0.09 0.00	13.53 0.13 0.00	14.77 0.07 0.00	12.75 0.10 0.00	20.01 0.02 0.00	18.44 0.04 0.00	24.24 -0.05 0.00	28.89 -0.12 0.00	27.97 -0.11 0.00	21.25 -0.05 0.00	20.30 -0.07 0.00	18.76 -0.07 0.00	18.03 -0.06 0.00	18.13 -0.04 0.00	18.07 0.00 0.00	17.95 0.03 0.00	19.30 0.08 0.00	24.37 0.16 0.00	26.22 0.16 0.00	28.72 0.15 0.00	22.94 0.07 0.00	19.10 0.08 0.00	21.40 0.08 0.00
BETHLEHEM___GS2 323561	18.52 0.07 0.00	15.92 0.09 0.00	13.53 0.13 0.00	14.77 0.07 0.00	12.75 0.10 0.00	20.01 0.02 0.00	18.44 0.04 0.00	24.24 -0.05 0.00	28.89 -0.12 0.00	27.97 -0.11 0.00	21.25 -0.05 0.00	20.30 -0.07 0.00	18.76 -0.07 0.00	18.03 -0.06 0.00	18.13 -0.04 0.00	18.07 0.00 0.00	17.95 0.03 0.00	19.30 0.08 0.00	24.37 0.16 0.00	26.22 0.16 0.00	28.72 0.15 0.00	22.94 0.07 0.00	19.10 0.08 0.00	21.40 0.08 0.00
BETHLEHEM___GS3 323562	18.52 0.07 0.00	15.92 0.09 0.00	13.53 0.13 0.00	14.77 0.07 0.00	12.75 0.10 0.00	20.01 0.02 0.00	18.44 0.04 0.00	24.24 -0.05 0.00	28.89 -0.12 0.00	27.97 -0.11 0.00	21.25 -0.05 0.00	20.30 -0.07 0.00	18.76 -0.07 0.00	18.03 -0.06 0.00	18.13 -0.04 0.00	18.07 0.00 0.00	17.95 0.03 0.00	19.30 0.08 0.00	24.37 0.16 0.00	26.22 0.16 0.00	28.72 0.15 0.00	22.94 0.07 0.00	19.10 0.08 0.00	21.40 0.08 0.00
BETHLEHEM___STEEL 23779	18.39 -0.05 0.00	15.83 0.00 0.00	13.37 -0.03 0.00	14.77 0.07 0.00	12.58 -0.07 0.00	20.07 0.08 0.00	18.33 -0.08 0.00	24.15 -0.13 0.00	28.85 -0.15 0.00	28.13 0.05 0.00	21.47 0.17 0.00	20.68 0.30 0.00	19.31 0.48 0.00	18.60 0.51 0.00	18.60 0.43 0.00	18.35 0.29 0.00	18.11 0.19 0.00	19.31 0.10 0.00	24.04 -0.16 0.00	25.92 -0.14 0.00	28.43 -0.15 0.00	22.73 -0.14 0.00	18.94 -0.07 0.00	21.32 0.00 0.00
BETHLHEM_115KV_TB1 79974	18.56 0.12 0.00	15.96 0.12 0.00	13.56 0.16 0.00	14.81 0.11 0.00	12.78 0.13 0.00	20.07 0.07 0.00	18.50 0.09 0.00	24.31 0.03 0.00	29.00 -0.01 0.00	28.08 0.00 0.00	21.33 0.03 0.00	20.39 0.01 0.00	18.83 0.00 0.00	18.10 0.01 0.00	18.20 0.03 0.00	18.13 0.06 0.00	18.01 0.09 0.00	19.36 0.15 0.00	24.46 0.25 0.00	26.31 0.24 0.00	28.83 0.25 0.00	23.02 0.15 0.00	19.16 0.15 0.00	21.47 0.14 0.00
BETHPAGE_CC_5 323564	19.65 1.21 0.00	16.82 0.99 0.00	14.21 0.81 0.00	15.52 0.82 0.00	13.35 0.70 0.00	21.11 1.12 0.00	19.45 1.05 0.00	25.87 1.59 0.00	30.91 1.90 0.00	30.39 2.22 -0.10	24.71 1.81 -1.61	23.27 1.69 -1.20	20.77 1.49 -0.45	19.40 1.31 0.00	19.48 1.32 0.00	19.45 1.39 0.00	19.25 1.33 0.00	20.67 1.46 0.00	26.09 1.88 0.00	27.79 1.73 0.00	30.47 1.90 0.00	24.37 1.49 0.00	20.31 1.30 0.00	22.69 1.36 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.48 0.04 0.00	15.91 0.07 0.00	13.43 0.04 0.00	14.83 0.13 0.00	12.63 -0.01 0.00	20.16 0.17 0.00	18.42 0.01 0.00	24.28 -0.01 0.00	29.02 0.02 0.00	28.28 0.21 0.00	21.59 0.29 0.00	20.79 0.42 0.00	19.41 0.58 0.00	18.71 0.61 0.00	18.70 0.53 0.00	18.46 0.40 0.00	18.22 0.30 0.00	19.42 0.20 0.00	24.18 -0.02 0.00	26.07 0.00 0.00	28.59 0.01 0.00	22.86 -0.01 0.00	19.04 0.03 0.00	21.43 0.10 0.00

BINGHAMTON___COGEN 23790	18.65 0.21 0.00	16.01 0.18 0.00	13.54 0.14 0.00	14.87 0.16 0.00	12.75 0.11 0.00	20.22 0.23 0.00	18.57 0.16 0.00	24.60 0.31 0.00	29.36 0.35 0.00	28.49 0.41 0.00	21.66 0.37 0.00	20.75 0.38 0.00	19.23 0.41 0.00	18.49 0.40 0.00	18.57 0.41 0.00	18.43 0.37 0.00	18.27 0.34 0.00	19.62 0.40 0.00	24.65 0.44 0.00	26.48 0.42 0.00	28.99 0.41 0.00	23.13 0.25 0.00	19.21 0.20 0.00	21.55 0.22 0.00
BIXINCNT_115KV_LOAD 355685	18.68 0.24 0.00	16.06 0.23 0.00	13.57 0.17 0.00	14.93 0.22 0.00	12.66 0.02 0.00	20.21 0.21 0.00	18.53 0.12 0.00	24.60 0.32 0.00	29.55 0.54 0.00	28.84 0.76 0.00	22.05 0.76 0.00	21.23 0.86 0.00	19.78 0.95 0.00	19.04 0.95 0.00	19.05 0.88 0.00	18.82 0.76 0.00	18.54 0.61 0.00	19.60 0.39 0.00	24.51 0.30 0.00	26.47 0.40 0.00	28.99 0.42 0.00	23.20 0.32 0.00	19.27 0.26 0.00	21.77 0.45 0.00
BLACK RIVER___HYD 24047	18.81 0.37 0.00	16.11 0.27 0.00	13.61 0.21 0.00	14.95 0.24 0.00	12.86 0.21 0.00	20.42 0.42 0.00	18.80 0.40 0.00	24.64 0.36 0.00	28.85 -0.15 0.00	27.63 -0.45 0.00	21.03 -0.27 0.00	20.09 -0.28 0.00	18.54 -0.29 0.00	17.85 -0.24 0.00	17.80 -0.37 0.00	17.65 -0.42 0.00	17.53 -0.39 0.00	18.89 -0.32 0.00	24.34 0.13 0.00	26.44 0.38 0.00	29.36 0.78 0.00	23.51 0.63 0.00	19.35 0.34 0.00	21.62 0.30 0.00
BLACKRVR_115KV_TB2 79977	18.81 0.37 0.00	16.11 0.27 0.00	13.61 0.21 0.00	14.95 0.25 0.00	12.86 0.21 0.00	20.42 0.42 0.00	18.80 0.40 0.00	24.64 0.36 0.00	28.85 -0.15 0.00	27.63 -0.45 0.00	21.03 -0.27 0.00	20.09 -0.28 0.00	18.54 -0.29 0.00	17.85 -0.24 0.00	17.80 -0.37 0.00	17.65 -0.42 0.00	17.53 -0.39 0.00	18.89 -0.32 0.00	24.34 0.13 0.00	26.44 0.38 0.00	29.36 0.78 0.00	23.51 0.63 0.00	19.35 0.34 0.00	21.62 0.30 0.00
BLISS_WT_PWR 323608	18.63 0.19 0.00	16.02 0.19 0.00	13.54 0.14 0.00	14.88 0.17 0.00	12.59 -0.05 0.00	20.11 0.12 0.00	18.46 0.06 0.00	24.53 0.25 0.00	29.51 0.50 0.00	28.83 0.75 0.00	22.06 0.77 0.00	21.27 0.90 0.00	19.80 0.97 0.00	19.06 0.97 0.00	19.07 0.90 0.00	18.84 0.77 0.00	18.54 0.62 0.00	19.56 0.35 0.00	24.47 0.26 0.00	26.45 0.38 0.00	28.97 0.40 0.00	23.20 0.32 0.00	19.24 0.24 0.00	21.76 0.44 0.00
BLUESTONE___WT_PWR 323821	19.17 0.73 0.00	16.54 0.71 0.00	13.92 0.53 0.00	15.30 0.60 0.00	13.15 0.51 0.00	20.84 0.85 0.00	19.15 0.74 0.00	24.77 0.49 0.00	29.41 0.40 0.00	28.80 0.72 0.00	22.04 0.74 0.00	21.12 0.74 0.00	19.60 0.77 0.00	18.81 0.72 0.00	18.83 0.66 0.00	18.73 0.67 0.00	18.64 0.72 0.00	20.05 0.83 0.00	25.06 0.85 0.00	26.79 0.72 0.00	29.39 0.81 0.00	23.51 0.63 0.00	19.47 0.46 0.00	21.56 0.23 0.00
BLUE_CIRC_CHEM_DRP 24182	18.77 0.33 0.00	16.14 0.31 0.00	13.69 0.30 0.00	14.98 0.28 0.00	12.91 0.27 0.00	20.32 0.32 0.00	18.72 0.31 0.00	24.62 0.34 0.00	29.25 0.24 0.00	28.23 0.16 0.00	21.43 0.13 0.00	20.47 0.10 0.00	18.88 0.06 0.00	18.14 0.05 0.00	18.24 0.07 0.00	18.16 0.09 0.00	18.09 0.17 0.00	19.52 0.30 0.00	24.68 0.47 0.00	26.59 0.52 0.00	29.15 0.57 0.00	23.29 0.42 0.00	19.36 0.35 0.00	21.70 0.38 0.00
BOC_GAS_DRP 24189	18.70 0.26 0.00	16.07 0.24 0.00	13.63 0.23 0.00	14.91 0.21 0.00	12.85 0.20 0.00	20.23 0.24 0.00	18.63 0.22 0.00	24.58 0.29 0.00	29.32 0.31 0.00	28.40 0.33 0.00	21.58 0.28 0.00	20.62 0.24 0.00	19.04 0.21 0.00	18.30 0.21 0.00	18.39 0.22 0.00	18.31 0.24 0.00	18.18 0.26 0.00	19.55 0.33 0.00	24.68 0.47 0.00	26.55 0.48 0.00	29.09 0.51 0.00	23.24 0.37 0.00	19.30 0.29 0.00	21.63 0.30 0.00
BOONVILLE_115KV_TB1 79983	18.89 0.45 0.00	16.20 0.36 0.00	13.69 0.30 0.00	15.02 0.32 0.00	12.93 0.28 0.00	20.49 0.50 0.00	18.89 0.48 0.00	24.85 0.57 0.00	29.44 0.44 0.00	28.34 0.26 0.00	21.53 0.23 0.00	20.57 0.19 0.00	19.02 0.19 0.00	18.26 0.16 0.00	18.31 0.14 0.00	18.19 0.13 0.00	18.09 0.17 0.00	19.45 0.24 0.00	24.74 0.54 0.00	26.74 0.67 0.00	29.41 0.83 0.00	23.51 0.64 0.00	19.45 0.44 0.00	21.72 0.39 0.00
BORALEX_4TH_BRANCH 23824	19.16 0.72 0.00	16.58 0.75 0.00	14.10 0.71 0.00	15.45 0.75 0.00	13.32 0.67 0.00	20.80 0.81 0.00	19.14 0.73 0.00	25.30 1.02 0.00	30.08 1.07 0.00	28.99 0.92 0.00	21.90 0.60 0.00	20.86 0.48 0.00	19.16 0.33 0.00	18.38 0.29 0.00	18.48 0.31 0.00	18.39 0.33 0.00	18.26 0.34 0.00	19.72 0.51 0.00	25.10 0.89 0.00	27.13 1.07 0.00	29.75 1.17 0.00	23.86 0.98 0.00	19.79 0.78 0.00	22.07 0.75 0.00
BOWLINE___1 23526	19.28 0.84 0.00	16.55 0.72 0.00	14.00 0.61 0.00	15.30 0.59 0.00	13.17 0.52 0.00	20.80 0.81 0.00	19.16 0.75 0.00	25.46 1.17 0.00	30.42 1.41 0.00	29.63 1.55 0.00	22.56 1.26 0.00	21.54 1.17 0.00	19.91 1.08 0.00	19.11 1.02 0.00	19.22 1.05 0.00	19.14 1.08 0.00	19.00 1.08 0.00	20.45 1.24 0.00	25.83 1.62 0.00	27.67 1.61 0.00	30.29 1.71 0.00	24.16 1.29 0.00	19.97 0.96 0.00	22.33 1.00 0.00
BOWLINE___2 23595	19.28 0.84 0.00	16.55 0.72 0.00	14.00 0.61 0.00	15.30 0.59 0.00	13.17 0.52 0.00	20.80 0.81 0.00	19.16 0.75 0.00	25.46 1.17 0.00	30.42 1.41 0.00	29.63 1.55 0.00	22.56 1.26 0.00	21.54 1.17 0.00	19.91 1.08 0.00	19.11 1.02 0.00	19.22 1.05 0.00	19.14 1.08 0.00	19.00 1.08 0.00	20.45 1.24 0.00	25.83 1.62 0.00	27.67 1.61 0.00	30.29 1.71 0.00	24.16 1.29 0.00	19.97 0.96 0.00	22.33 1.00 0.00
BRADY___115KV_TB2 356060	18.52 0.08 0.00	15.87 0.03 0.00	13.39 0.00 0.00	14.76 0.06 0.00	12.69 0.05 0.00	20.12 0.13 0.00	18.56 0.16 0.00	24.44 0.15 0.00	29.07 0.06 0.00	28.06 -0.02 0.00	21.28 -0.02 0.00	20.36 -0.02 0.00	18.74 -0.08 0.00	17.94 -0.15 0.00	17.96 -0.21 0.00	17.87 -0.20 0.00	17.76 -0.16 0.00	19.03 -0.19 0.00	23.91 -0.30 0.00	25.92 -0.15 0.00	28.56 -0.02 0.00	22.98 0.11 0.00	19.18 0.17 0.00	21.48 0.15 0.00
BRANSCOMB___SOLAR 323811	18.97 0.53 0.00	16.34 0.50 0.00	13.87 0.48 0.00	15.20 0.50 0.00	13.09 0.45 0.00	20.59 0.60 0.00	19.03 0.62 0.00	25.14 0.86 0.00	29.83 0.83 0.00	28.67 0.59 0.00	21.78 0.48 0.00	20.75 0.37 0.00	19.05 0.22 0.00	18.31 0.22 0.00	18.42 0.25 0.00	18.36 0.30 0.00	18.28 0.36 0.00	19.80 0.59 0.00	25.14 0.94 0.00	27.15 1.08 0.00	29.77 1.20 0.00	23.77 0.89 0.00	19.67 0.66 0.00	21.94 0.62 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	21.50 1.37 -1.69	18.67 1.11 -1.73	14.69 0.94 -0.36	16.05 0.95 -0.39	15.89 0.80 -2.44	24.85 1.27 -3.59	23.40 1.19 -3.80	26.33 1.79 -0.26	33.14 2.12 -2.02	30.94 2.44 -0.42	25.20 2.01 -1.89	22.90 1.91 -0.61	20.68 1.66 -0.19	19.55 1.46 0.00	19.60 1.43 0.00	19.62 1.55 0.00	19.36 1.44 0.00	20.75 1.53 0.00	26.26 2.06 0.00	28.01 1.95 0.00	30.73 2.16 0.00	24.58 1.70 -0.01	20.49 1.47 -0.01	22.89 1.57 0.00

BRISTLHL_115KV_TB1 79998	18.21 -0.23 0.00	15.63 -0.20 0.00	13.22 -0.17 0.00	14.51 -0.19 0.00	12.47 -0.18 0.00	19.76 -0.23 0.00	18.30 -0.10 0.00	24.31 0.02 0.00	28.95 -0.06 0.00	27.98 -0.10 0.00	21.23 -0.07 0.00	20.33 -0.05 0.00	18.81 -0.02 0.00	18.09 0.00 0.00	18.15 -0.02 0.00	18.04 -0.03 0.00	17.87 -0.05 0.00	19.19 -0.03 0.00	24.21 0.00 0.00	26.10 0.03 0.00	28.64 0.06 0.00	22.86 -0.02 0.00	18.99 -0.02 0.00	21.31 -0.02 0.00
BROOKHAVEN___DRP 24191	30.05 1.50 -10.11	27.39 1.23 -10.32	16.57 1.04 -2.13	18.11 1.06 -2.34	28.11 0.90 -14.57	42.83 1.42 -21.41	42.45 1.33 -22.71	27.79 1.97 -1.54	43.38 2.34 -12.04	33.04 2.65 -2.31	31.18 2.16 -7.72	23.42 2.03 -1.02	20.71 1.72 -0.16	19.60 1.51 0.00	19.67 1.50 0.00	19.68 1.62 0.00	19.44 1.52 0.00	20.85 1.63 0.00	26.40 2.19 0.00	28.19 2.12 0.00	30.94 2.36 0.00	24.78 1.86 -0.05	20.68 1.60 -0.07	23.02 1.70 0.00
BROOKLYN_NAVY_YARD 23515	19.45 1.01 0.00	16.68 0.84 0.00	14.11 0.72 0.00	15.42 0.72 0.00	13.27 0.62 0.00	20.92 0.93 0.00	19.26 0.86 0.00	25.65 1.37 0.00	30.69 1.69 0.00	29.99 1.91 0.00	22.83 1.53 0.00	21.81 1.43 0.00	20.15 1.32 0.00	19.33 1.24 0.00	19.44 1.27 0.00	19.36 1.30 0.00	19.22 1.30 0.00	20.64 1.44 0.01	26.00 1.80 0.00	27.82 1.75 0.00	30.43 1.85 0.00	24.28 1.41 0.00	20.11 1.11 0.00	22.50 1.17 0.00
BROOKLYN___ARMY_DRP 323595	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.03 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.64 0.00	21.92 1.55 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
BROOKVLE_69_KV_TB1 55790	19.63 1.18 0.00	16.81 0.98 0.00	14.20 0.81 0.00	15.51 0.81 0.00	13.35 0.70 0.00	21.10 1.11 0.00	19.44 1.03 0.00	25.86 1.58 0.00	30.91 1.90 0.00	30.41 2.16 -0.17	25.72 1.76 -2.67	24.02 1.65 -2.00	21.05 1.47 -0.75	19.43 1.33 0.00	19.52 1.35 0.00	19.47 1.41 0.00	19.30 1.38 0.00	20.74 1.53 0.00	26.19 1.98 0.00	27.96 1.90 0.00	30.65 2.07 0.00	24.47 1.60 0.00	20.30 1.29 0.00	22.66 1.34 0.00
BROOME_2_LFGE 323671	18.65 0.20 0.00	16.01 0.18 0.00	13.54 0.14 0.00	14.87 0.16 0.00	12.75 0.11 0.00	20.22 0.23 0.00	18.57 0.16 0.00	24.60 0.31 0.00	29.36 0.35 0.00	28.49 0.41 0.00	21.66 0.36 0.00	20.76 0.38 0.00	19.24 0.41 0.00	18.49 0.40 0.00	18.57 0.40 0.00	18.43 0.37 0.00	18.27 0.34 0.00	19.62 0.40 0.00	24.65 0.44 0.00	26.48 0.42 0.00	28.99 0.41 0.00	23.13 0.25 0.00	19.21 0.20 0.00	21.55 0.22 0.00
BROOME___LFGE 323600	18.65 0.20 0.00	16.01 0.18 0.00	13.54 0.14 0.00	14.87 0.16 0.00	12.75 0.11 0.00	20.22 0.23 0.00	18.57 0.16 0.00	24.60 0.31 0.00	29.36 0.35 0.00	28.49 0.41 0.00	21.66 0.36 0.00	20.76 0.38 0.00	19.24 0.41 0.00	18.49 0.40 0.00	18.57 0.40 0.00	18.43 0.37 0.00	18.27 0.34 0.00	19.62 0.40 0.00	24.65 0.44 0.00	26.48 0.42 0.00	28.99 0.41 0.00	23.13 0.25 0.00	19.21 0.20 0.00	21.55 0.22 0.00
BROWNFLS_115KV_TB_3_5 80003	18.49 0.05 0.00	15.84 0.01 0.00	13.37 -0.02 0.00	14.72 0.01 0.00	12.65 0.00 0.00	20.07 0.08 0.00	18.50 0.09 0.00	24.33 0.04 0.00	28.80 -0.21 0.00	27.73 -0.35 0.00	21.13 -0.17 0.00	20.20 -0.17 0.00	18.59 -0.24 0.00	17.76 -0.34 0.00	17.70 -0.47 0.00	17.59 -0.48 0.00	17.48 -0.44 0.00	18.78 -0.44 0.00	23.87 -0.34 0.00	25.87 -0.20 0.00	28.56 -0.02 0.00	22.98 0.10 0.00	19.09 0.08 0.00	21.34 0.02 0.00
BROWNSV1_27_KV_LOAD 356125	19.64 1.20 0.00	16.84 1.00 0.00	14.23 0.84 0.00	15.55 0.85 0.00	13.38 0.73 0.00	21.12 1.13 0.00	19.46 1.05 0.00	25.91 1.63 0.00	31.00 2.00 0.00	30.29 2.22 0.00	23.06 1.76 0.00	22.05 1.67 0.00	20.36 1.53 0.00	19.53 1.44 0.00	19.63 1.46 0.00	19.56 1.50 0.00	19.42 1.50 0.00	20.88 1.66 0.00	26.29 2.08 0.00	28.12 2.06 0.00	30.78 2.20 0.00	24.56 1.69 0.00	20.32 1.31 0.00	22.71 1.38 0.00
BURROWS___LYONSDAL 23803	18.88 0.44 0.00	16.18 0.35 0.00	13.68 0.28 0.00	15.01 0.31 0.00	12.92 0.27 0.00	20.48 0.49 0.00	18.87 0.46 0.00	24.82 0.54 0.00	29.35 0.35 0.00	28.23 0.15 0.00	21.45 0.15 0.00	20.50 0.13 0.00	18.95 0.12 0.00	18.19 0.10 0.00	18.23 0.05 0.00	18.10 0.04 0.00	18.00 0.08 0.00	19.36 0.15 0.00	24.66 0.46 0.00	26.68 0.61 0.00	29.37 0.79 0.00	23.50 0.63 0.00	19.41 0.40 0.00	21.66 0.33 0.00
CAITHNESS_CC_1 323624	30.00 1.45 -10.12	27.36 1.19 -10.34	16.53 1.00 -2.14	18.07 1.02 -2.35	28.09 0.86 -14.59	42.80 1.36 -21.44	42.41 1.26 -22.74	27.71 1.88 -1.55	43.30 2.23 -12.06	32.94 2.55 -2.31	31.12 2.09 -7.73	23.34 1.96 -1.02	20.67 1.68 -0.16	19.56 1.47 0.00	19.63 1.46 0.00	19.64 1.58 0.00	19.39 1.47 0.00	20.79 1.57 0.00	26.32 2.11 0.00	28.09 2.03 0.00	30.83 2.26 0.00	24.70 1.78 -0.05	20.62 1.54 -0.07	22.96 1.63 0.00
CALPINE BETH_PAGE_GT4 24209	19.65 1.21 0.00	16.82 0.99 0.00	14.21 0.81 0.00	15.52 0.82 0.00	13.35 0.70 0.00	21.11 1.12 0.00	19.45 1.05 0.00	25.87 1.59 0.00	30.91 1.90 0.00	30.42 2.22 -0.13	25.14 1.80 -2.05	23.60 1.69 -1.54	20.89 1.49 -0.58	19.41 1.32 0.00	19.48 1.31 0.00	19.45 1.38 0.00	19.25 1.33 0.00	20.68 1.46 0.00	26.11 1.90 0.00	27.84 1.77 0.00	30.53 1.95 0.00	24.40 1.52 0.00	20.31 1.30 0.00	22.69 1.36 0.00
CALPINE_BETH_PAGE_GT_4 323586	19.65 1.21 0.00	16.82 0.99 0.00	14.21 0.81 0.00	15.52 0.82 0.00	13.35 0.70 0.00	21.11 1.12 0.00	19.45 1.05 0.00	25.87 1.59 0.00	30.91 1.90 0.00	30.42 2.22 -0.13	25.15 1.80 -2.05	23.59 1.68 -1.54	20.89 1.49 -0.58	19.41 1.31 0.00	19.48 1.32 0.00	19.45 1.38 0.00	19.25 1.33 0.00	20.68 1.46 0.00	26.11 1.90 0.00	27.83 1.77 0.00	30.53 1.95 0.00	24.40 1.52 0.00	20.31 1.30 0.00	22.69 1.36 0.00
CALPINE_BP_GT1 23823	19.65 1.21 0.00	16.82 0.99 0.00	14.21 0.81 0.00	15.52 0.82 0.00	13.35 0.70 0.00	21.11 1.12 0.00	19.45 1.05 0.00	25.87 1.59 0.00	30.91 1.90 0.00	30.42 2.22 -0.13	25.15 1.80 -2.05	23.59 1.68 -1.54	20.89 1.49 -0.58	19.41 1.31 0.00	19.48 1.32 0.00	19.45 1.38 0.00	19.25 1.33 0.00	20.68 1.46 0.00	26.11 1.90 0.00	27.83 1.77 0.00	30.53 1.95 0.00	24.40 1.52 0.00	20.31 1.30 0.00	22.69 1.36 0.00
CALSPAN___DRP 24200	18.39 -0.05 0.00	15.83 0.00 0.00	13.37 -0.03 0.00	14.77 0.07 0.00	12.58 -0.07 0.00	20.07 0.08 0.00	18.33 -0.08 0.00	24.15 -0.13 0.00	28.85 -0.15 0.00	28.13 0.05 0.00	21.47 0.17 0.00	20.68 0.30 0.00	19.31 0.48 0.00	18.60 0.51 0.00	18.60 0.43 0.00	18.35 0.29 0.00	18.11 0.19 0.00	19.31 0.10 0.00	24.04 -0.16 0.00	25.92 -0.14 0.00	28.43 -0.15 0.00	22.73 -0.14 0.00	18.94 -0.07 0.00	21.32 0.00 0.00

CALVERTON___SOLAR 323806	30.09 1.57 -10.08	27.42 1.29 -10.30	16.61 1.08 -2.13	18.15 1.11 -2.34	28.12 0.94 -14.53	42.85 1.50 -21.36	42.47 1.40 -22.66	27.89 2.07 -1.54	43.48 2.46 -12.01	33.16 2.78 -2.30	31.26 2.25 -7.71	23.48 2.09 -1.02	20.76 1.77 -0.16	19.64 1.54 0.00	19.71 1.54 0.00	19.72 1.66 0.00	19.49 1.57 0.00	20.91 1.70 0.00	26.49 2.28 0.00	28.30 2.23 0.00	31.07 2.49 0.00	24.87 1.95 -0.05	20.76 1.68 -0.07	23.11 1.78 0.00
CANDIGU_WT_PWR 323617	18.35 -0.09 0.00	15.75 -0.08 0.00	13.28 -0.12 0.00	14.63 -0.07 0.00	12.47 -0.18 0.00	19.75 -0.24 0.00	18.01 -0.40 0.00	23.98 -0.30 0.00	28.79 -0.21 0.00	28.12 0.04 0.00	21.54 0.24 0.00	20.77 0.40 0.00	19.34 0.52 0.00	18.60 0.51 0.00	18.63 0.46 0.00	18.41 0.35 0.00	18.16 0.23 0.00	19.43 0.22 0.00	24.32 0.11 0.00	26.18 0.11 0.00	28.62 0.04 0.00	22.76 -0.11 0.00	18.86 -0.15 0.00	21.15 -0.17 0.00
CARR STREET_E_SYR 24060	18.33 -0.11 0.00	15.74 -0.10 0.00	13.31 -0.09 0.00	14.61 -0.09 0.00	12.56 -0.09 0.00	19.89 -0.10 0.00	18.31 -0.09 0.00	24.18 -0.11 0.00	28.82 -0.19 0.00	27.90 -0.18 0.00	21.19 -0.10 0.00	20.30 -0.08 0.00	18.79 -0.04 0.00	18.08 -0.02 0.00	18.14 -0.03 0.00	18.02 -0.05 0.00	17.85 -0.07 0.00	19.15 -0.07 0.00	24.12 -0.09 0.00	25.96 -0.10 0.00	28.48 -0.10 0.00	22.75 -0.12 0.00	18.91 -0.10 0.00	21.24 -0.09 0.00
CARTHAGE___PAPER 23857	18.90 0.46 0.00	16.19 0.35 0.00	13.67 0.27 0.00	15.02 0.32 0.00	12.93 0.28 0.00	20.52 0.53 0.00	18.91 0.50 0.00	24.79 0.50 0.00	29.10 0.10 0.00	27.87 -0.21 0.00	21.19 -0.11 0.00	20.25 -0.13 0.00	18.68 -0.15 0.00	17.94 -0.15 0.00	17.91 -0.26 0.00	17.76 -0.30 0.00	17.66 -0.26 0.00	19.04 -0.18 0.00	24.46 0.25 0.00	26.57 0.50 0.00	29.44 0.87 0.00	23.58 0.71 0.00	19.44 0.43 0.00	21.70 0.38 0.00
CASSADAGA_WT_PWR 323784	18.65 0.21 0.00	16.10 0.26 0.00	13.55 0.15 0.00	14.89 0.18 0.00	12.64 -0.01 0.00	20.23 0.24 0.00	18.47 0.06 0.00	24.51 0.23 0.00	29.53 0.53 0.00	29.22 1.14 0.00	22.35 1.05 0.00	21.52 1.14 0.00	20.07 1.24 0.00	19.29 1.19 0.00	19.04 0.87 0.00	18.79 0.72 0.00	18.64 0.72 0.00	19.93 0.72 0.00	24.69 0.48 0.00	26.44 0.38 0.00	28.72 0.14 0.00	23.05 0.17 0.00	19.21 0.20 0.00	21.84 0.51 0.00
CE_DUNWOOD___DRP 24194	19.39 0.95 0.00	16.64 0.80 0.00	14.08 0.69 0.00	15.39 0.68 0.00	13.24 0.60 0.00	20.89 0.90 0.00	19.24 0.84 0.00	25.58 1.30 0.00	30.58 1.58 0.00	29.82 1.74 0.00	22.69 1.39 0.00	21.68 1.30 0.00	20.01 1.18 0.00	19.21 1.11 0.00	19.31 1.14 0.00	19.24 1.17 0.00	19.09 1.17 0.00	20.54 1.32 0.00	25.92 1.72 0.00	27.77 1.70 0.00	30.39 1.82 0.00	24.25 1.38 0.00	20.07 1.06 0.00	22.43 1.11 0.00
CE_MILLWOOD___DRP 24193	19.36 0.92 0.00	16.62 0.78 0.00	14.06 0.66 0.00	15.37 0.66 0.00	13.22 0.58 0.00	20.86 0.87 0.00	19.22 0.81 0.00	25.54 1.26 0.00	30.53 1.52 0.00	29.76 1.68 0.00	22.65 1.35 0.00	21.63 1.26 0.00	19.97 1.14 0.00	19.16 1.07 0.00	19.27 1.10 0.00	19.20 1.13 0.00	19.05 1.13 0.00	20.50 1.29 0.00	25.88 1.67 0.00	27.73 1.66 0.00	30.36 1.78 0.00	24.22 1.35 0.00	20.04 1.03 0.00	22.40 1.07 0.00
CE_NYC2_DRP 24202	19.48 1.03 0.00	16.70 0.87 0.00	14.13 0.73 0.00	15.43 0.73 0.00	13.28 0.63 0.00	20.95 0.96 0.00	19.30 0.89 0.00	25.69 1.41 0.00	30.74 1.73 0.00	30.02 1.94 0.00	22.85 1.55 0.00	21.84 1.46 0.00	20.18 1.35 0.00	19.37 1.27 0.00	19.46 1.29 0.00	19.39 1.33 0.00	19.25 1.33 0.00	20.69 1.48 0.00	26.06 1.86 0.00	27.88 1.81 0.00	30.50 1.92 0.00	24.34 1.46 0.00	20.14 1.13 0.00	22.53 1.21 0.00
CE_NYC_DRP 24195	19.50 1.06 0.00	16.72 0.89 0.00	14.14 0.74 0.00	15.45 0.75 0.00	13.30 0.65 0.00	20.98 0.99 0.00	19.31 0.90 0.00	25.70 1.41 0.00	30.75 1.74 0.00	30.05 1.97 0.00	22.87 1.58 0.00	21.88 1.50 0.00	20.20 1.37 0.00	19.38 1.29 0.00	19.48 1.31 0.00	19.42 1.35 0.00	19.27 1.35 0.00	20.72 1.50 0.00	26.09 1.89 0.00	27.90 1.83 0.00	30.52 1.95 0.00	24.35 1.48 0.00	20.15 1.14 0.00	22.54 1.21 0.00
CHAFFEE___LFGE 323603	18.52 0.08 0.00	15.95 0.11 0.00	13.46 0.06 0.00	14.86 0.16 0.00	12.66 0.02 0.00	20.22 0.23 0.00	18.48 0.08 0.00	24.38 0.10 0.00	29.15 0.15 0.00	28.39 0.31 0.00	21.65 0.35 0.00	20.88 0.51 0.00	19.47 0.64 0.00	18.76 0.67 0.00	18.77 0.59 0.00	18.52 0.46 0.00	18.29 0.37 0.00	19.51 0.30 0.00	24.30 0.10 0.00	26.20 0.14 0.00	28.73 0.16 0.00	22.96 0.08 0.00	19.11 0.10 0.00	21.47 0.14 0.00
CHATEAUG_35_KV_LOAD 355732	18.85 0.41 0.00	16.16 0.33 0.00	13.65 0.25 0.00	15.06 0.36 0.00	13.00 0.35 0.00	20.52 0.53 0.00	18.98 0.57 0.00	25.11 0.82 0.00	30.02 1.01 0.00	28.98 0.90 0.00	21.83 0.53 0.00	20.78 0.41 0.00	19.12 0.29 0.00	18.30 0.21 0.00	18.35 0.19 0.00	18.19 0.13 0.00	18.01 0.09 0.00	19.22 0.01 0.00	24.16 -0.05 0.00	26.20 0.14 0.00	28.72 0.15 0.00	22.99 0.12 0.00	19.20 0.18 0.00	21.53 0.21 0.00
CHATEAUG_WT_PWR 323614	18.88 0.45 0.00	16.21 0.38 0.00	13.68 0.29 0.00	15.09 0.39 0.00	13.04 0.39 0.00	20.58 0.58 0.00	19.03 0.62 0.00	25.18 0.90 0.00	30.07 1.06 0.00	29.05 0.97 0.00	21.89 0.60 0.00	20.83 0.45 0.00	19.16 0.34 0.00	18.34 0.24 0.00	18.37 0.21 0.00	18.24 0.17 0.00	18.05 0.13 0.00	19.24 0.03 0.00	24.16 -0.05 0.00	26.20 0.14 0.00	28.72 0.14 0.00	22.96 0.09 0.00	19.17 0.16 0.00	21.52 0.19 0.00
CHAT_HIGH_FALL_HYD 323578	18.85 0.41 0.00	16.16 0.33 0.00	13.65 0.25 0.00	15.06 0.36 0.00	13.00 0.35 0.00	20.52 0.53 0.00	18.98 0.57 0.00	25.11 0.82 0.00	30.02 1.01 0.00	28.98 0.90 0.00	21.83 0.53 0.00	20.78 0.41 0.00	19.12 0.29 0.00	18.30 0.21 0.00	18.35 0.19 0.00	18.19 0.13 0.00	18.01 0.09 0.00	19.22 0.01 0.00	24.16 -0.05 0.00	26.20 0.14 0.00	28.72 0.15 0.00	22.99 0.12 0.00	19.20 0.18 0.00	21.53 0.21 0.00
CHAUTAUQUA___LFGE 323629	18.54 0.10 0.00	16.00 0.16 0.00	13.49 0.10 0.00	14.85 0.14 0.00	12.61 -0.03 0.00	20.18 0.19 0.00	18.42 0.01 0.00	24.37 0.09 0.00	29.23 0.22 0.00	28.72 0.64 0.00	21.96 0.66 0.00	21.14 0.77 0.00	19.73 0.90 0.00	18.97 0.88 0.00	18.86 0.69 0.00	18.61 0.54 0.00	18.42 0.50 0.00	19.69 0.48 0.00	24.49 0.28 0.00	26.25 0.18 0.00	28.61 0.04 0.00	22.91 0.03 0.00	19.07 0.06 0.00	21.61 0.28 0.00
CHERRYST_13_KV_LD 356241	19.55 1.11 0.00	16.76 0.93 0.00	14.18 0.78 0.00	15.49 0.78 0.00	13.33 0.68 0.00	21.03 1.04 0.00	19.36 0.96 0.00	25.78 1.49 0.00	30.85 1.84 0.00	30.15 2.07 0.00	22.96 1.66 0.00	21.95 1.58 0.00	20.27 1.44 0.00	19.45 1.35 0.00	19.55 1.38 0.00	19.48 1.41 0.00	19.34 1.42 0.00	20.79 1.57 0.00	26.17 1.96 0.00	27.97 1.91 0.00	30.60 2.03 0.00	24.42 1.54 0.00	20.20 1.20 0.00	22.58 1.26 0.00

CHESTROR_138KV_BK263 355645	19.21 0.77 0.00	16.49 0.65 0.00	13.95 0.55 0.00	15.25 0.55 0.00	13.12 0.47 0.00	20.73 0.74 0.00	19.10 0.69 0.00	25.35 1.07 0.00	30.26 1.25 0.00	29.43 1.36 0.00	22.40 1.11 0.00	21.40 1.03 0.00	19.77 0.94 0.00	18.98 0.89 0.00	19.08 0.92 0.00	19.01 0.94 0.00	18.87 0.95 0.00	20.32 1.11 0.00	25.68 1.47 0.00	27.54 1.48 0.00	30.15 1.58 0.00	24.06 1.18 0.00	19.89 0.88 0.00	22.24 0.92 0.00
CH_MIDHUDSON___DRP 24192	19.55 1.11 0.00	16.77 0.94 0.00	14.19 0.79 0.00	15.51 0.80 0.00	13.35 0.70 0.00	21.08 1.09 0.00	19.45 1.05 0.00	25.83 1.55 0.00	30.81 1.80 0.00	29.97 1.89 0.00	22.78 1.48 0.00	21.73 1.36 0.00	20.07 1.24 0.00	19.26 1.17 0.00	19.37 1.20 0.00	19.31 1.25 0.00	19.21 1.29 0.00	20.71 1.50 0.00	26.18 1.97 0.00	28.12 2.05 0.00	30.80 2.22 0.00	24.56 1.68 0.00	20.29 1.27 0.00	22.65 1.32 0.00
CH_MISC_IPPS 23765	19.53 1.09 0.00	16.76 0.92 0.00	14.18 0.78 0.00	15.49 0.78 0.00	13.34 0.69 0.00	21.06 1.07 0.00	19.43 1.02 0.00	25.80 1.51 0.00	30.78 1.77 0.00	29.94 1.86 0.00	22.77 1.47 0.00	21.73 1.35 0.00	20.06 1.24 0.00	19.26 1.17 0.00	19.37 1.20 0.00	19.31 1.24 0.00	19.20 1.27 0.00	20.70 1.48 0.00	26.15 1.95 0.00	28.08 2.01 0.00	30.75 2.17 0.00	24.52 1.64 0.00	20.26 1.25 0.00	22.62 1.30 0.00
CH_RES_BVR_FALLS 23983	18.42 -0.03 0.00	15.80 -0.03 0.00	13.36 -0.04 0.00	14.68 -0.02 0.00	12.63 -0.01 0.00	19.98 -0.01 0.00	18.40 -0.01 0.00	24.27 -0.02 0.00	28.98 -0.02 0.00	27.99 -0.09 0.00	21.25 -0.05 0.00	20.34 -0.04 0.00	18.78 -0.05 0.00	18.05 -0.05 0.00	18.12 -0.05 0.00	18.02 -0.04 0.00	17.88 -0.04 0.00	19.15 -0.07 0.00	24.09 -0.12 0.00	25.96 -0.10 0.00	28.40 -0.18 0.00	22.73 -0.14 0.00	18.87 -0.14 0.00	21.15 -0.18 0.00
CH_RES_NIAGARA 23895	17.78 -0.67 0.00	15.30 -0.53 0.00	12.93 -0.47 0.00	14.30 -0.40 0.00	12.18 -0.47 0.00	19.44 -0.55 0.00	17.74 -0.67 0.00	23.23 -1.06 0.00	27.56 -1.45 0.00	26.84 -1.24 0.00	20.53 -0.77 0.00	19.85 -0.52 0.00	18.55 -0.28 0.00	17.86 -0.23 0.00	17.86 -0.31 0.00	17.63 -0.43 0.00	17.38 -0.54 0.00	18.51 -0.71 0.00	23.00 -1.21 0.00	24.83 -1.24 0.00	27.23 -1.35 0.00	21.75 -1.12 0.00	18.18 -0.83 0.00	20.55 -0.78 0.00
CH_RES_SYRACUSE 23985	18.42 -0.02 0.00	15.81 -0.02 0.00	13.37 -0.03 0.00	14.68 -0.03 0.00	12.62 -0.03 0.00	20.00 0.01 0.00	18.41 0.00 0.00	24.30 0.02 0.00	28.99 -0.02 0.00	28.06 -0.02 0.00	21.28 -0.01 0.00	20.38 0.00 0.00	18.86 0.04 0.00	18.14 0.05 0.00	18.21 0.04 0.00	18.10 0.04 0.00	17.94 0.02 0.00	19.24 0.03 0.00	24.26 0.05 0.00	26.11 0.04 0.00	28.63 0.05 0.00	22.88 0.00 0.00	19.01 0.00 0.00	21.35 0.03 0.00
CLINTON_WT_PWR 323605	18.88 0.45 0.00	16.21 0.38 0.00	13.68 0.29 0.00	15.09 0.39 0.00	13.04 0.39 0.00	20.58 0.58 0.00	19.03 0.62 0.00	25.18 0.90 0.00	30.07 1.06 0.00	29.05 0.97 0.00	21.89 0.60 0.00	20.83 0.45 0.00	19.16 0.34 0.00	18.34 0.24 0.00	18.37 0.21 0.00	18.24 0.17 0.00	18.05 0.13 0.00	19.24 0.03 0.00	24.16 -0.05 0.00	26.20 0.14 0.00	28.72 0.14 0.00	22.96 0.09 0.00	19.17 0.16 0.00	21.52 0.19 0.00
CLINTON___LFGE 323618	19.25 0.82 0.00	16.56 0.73 0.00	13.98 0.59 0.00	15.40 0.70 0.00	13.33 0.68 0.00	21.02 1.02 0.00	19.50 1.09 0.00	25.86 1.58 0.00	30.81 1.80 0.00	29.74 1.66 0.00	22.36 1.06 0.00	21.23 0.85 0.00	19.49 0.66 0.00	18.64 0.55 0.00	18.66 0.49 0.00	18.54 0.47 0.00	18.33 0.41 0.00	19.56 0.34 0.00	24.55 0.34 0.00	26.71 0.64 0.00	29.28 0.71 0.00	23.36 0.49 0.00	19.47 0.46 0.00	21.80 0.48 0.00
COBBLENY_34_KV_TB1 80064	18.53 0.09 0.00	15.95 0.11 0.00	13.46 0.06 0.00	14.86 0.16 0.00	12.66 0.02 0.00	20.22 0.23 0.00	18.48 0.07 0.00	24.38 0.10 0.00	29.15 0.15 0.00	28.40 0.32 0.00	21.65 0.35 0.00	20.86 0.48 0.00	19.46 0.63 0.00	18.76 0.67 0.00	18.76 0.60 0.00	18.52 0.46 0.00	18.29 0.37 0.00	19.51 0.30 0.00	24.30 0.10 0.00	26.20 0.13 0.00	28.73 0.16 0.00	22.96 0.08 0.00	19.11 0.10 0.00	21.47 0.14 0.00
COFFEEN___115KV_TB3 355620	18.88 0.44 0.00	16.17 0.33 0.00	13.65 0.26 0.00	15.00 0.30 0.00	12.91 0.26 0.00	20.51 0.51 0.00	18.91 0.50 0.00	24.74 0.45 0.00	28.90 -0.10 0.00	27.65 -0.43 0.00	21.04 -0.25 0.00	20.09 -0.29 0.00	18.53 -0.30 0.00	17.86 -0.24 0.00	17.81 -0.37 0.00	17.63 -0.43 0.00	17.52 -0.40 0.00	18.89 -0.32 0.00	24.41 0.20 0.00	26.56 0.50 0.00	29.55 0.97 0.00	23.65 0.78 0.00	19.46 0.45 0.00	21.74 0.42 0.00
COLDSPRG_115KV_BK1 355956	19.09 0.65 0.00	16.44 0.60 0.00	13.85 0.45 0.00	15.26 0.56 0.00	13.00 0.35 0.00	20.79 0.80 0.00	19.01 0.60 0.00	25.26 0.98 0.00	30.34 1.33 0.00	29.70 1.62 0.00	22.63 1.34 0.00	21.77 1.39 0.00	20.28 1.45 0.00	19.50 1.41 0.00	19.40 1.24 0.00	19.16 1.09 0.00	18.95 1.03 0.00	20.25 1.03 0.00	25.17 0.97 0.00	27.01 0.95 0.00	29.47 0.89 0.00	23.54 0.66 0.00	19.64 0.63 0.00	22.18 0.86 0.00
COLONIE_LFGE___ 323577	18.89 0.45 0.00	16.28 0.44 0.00	13.81 0.42 0.00	15.13 0.43 0.00	13.04 0.39 0.00	20.47 0.48 0.00	18.87 0.46 0.00	24.91 0.63 0.00	29.64 0.63 0.00	28.62 0.54 0.00	21.69 0.40 0.00	20.72 0.35 0.00	19.09 0.26 0.00	18.34 0.25 0.00	18.43 0.26 0.00	18.35 0.29 0.00	18.24 0.32 0.00	19.67 0.45 0.00	24.92 0.71 0.00	26.85 0.79 0.00	29.43 0.85 0.00	23.53 0.66 0.00	19.52 0.51 0.00	21.82 0.50 0.00
COOPERNY_115KV_TB1 80082	19.10 0.66 0.00	16.39 0.56 0.00	13.87 0.48 0.00	15.16 0.46 0.00	13.05 0.40 0.00	20.62 0.63 0.00	19.00 0.59 0.00	25.19 0.91 0.00	30.08 1.07 0.00	29.26 1.18 0.00	22.26 0.97 0.00	21.27 0.89 0.00	19.65 0.82 0.00	18.86 0.76 0.00	18.96 0.79 0.00	18.88 0.81 0.00	18.73 0.81 0.00	20.17 0.95 0.00	25.46 1.26 0.00	27.31 1.25 0.00	29.90 1.33 0.00	23.87 0.99 0.00	19.75 0.74 0.00	22.09 0.77 0.00
COPENHAGEN_WT_PWR 323753	18.74 0.30 0.00	16.06 0.23 0.00	13.56 0.17 0.00	14.90 0.20 0.00	12.81 0.17 0.00	20.34 0.35 0.00	18.71 0.30 0.00	24.54 0.26 0.00	28.77 -0.24 0.00	27.55 -0.52 0.00	20.99 -0.31 0.00	20.07 -0.31 0.00	18.53 -0.29 0.00	17.83 -0.26 0.00	17.80 -0.37 0.00	17.63 -0.43 0.00	17.51 -0.41 0.00	18.87 -0.35 0.00	24.27 0.06 0.00	26.34 0.27 0.00	29.21 0.64 0.00	23.40 0.52 0.00	19.24 0.23 0.00	21.53 0.20 0.00
CORNELL_____ 23752	18.78 0.34 0.00	16.12 0.29 0.00	13.62 0.23 0.00	14.96 0.25 0.00	12.85 0.20 0.00	20.38 0.39 0.00	18.74 0.33 0.00	24.78 0.49 0.00	29.51 0.50 0.00	28.50 0.42 0.00	21.58 0.28 0.00	20.64 0.27 0.00	19.15 0.32 0.00	18.41 0.31 0.00	18.50 0.33 0.00	18.41 0.34 0.00	18.27 0.35 0.00	19.63 0.42 0.00	24.77 0.56 0.00	26.72 0.66 0.00	29.29 0.71 0.00	23.39 0.51 0.00	19.40 0.39 0.00	21.72 0.39 0.00

CORONA__69_KV_TB1 355595	19.63 1.19 0.00	16.81 0.98 0.00	14.20 0.80 0.00	15.51 0.81 0.00	13.35 0.70 0.00	21.11 1.12 0.00	19.43 1.02 0.00	25.83 1.54 0.00	30.86 1.85 0.00	30.87 2.13 -0.65	33.37 1.75 -10.32	29.77 1.63 -7.76	23.21 1.46 -2.92	19.39 1.30 0.00	19.48 1.31 0.00	19.45 1.38 0.00	19.26 1.33 0.00	20.67 1.46 0.00	26.14 1.93 0.00	27.89 1.83 0.00	30.60 2.02 0.00	24.43 1.56 0.00	20.29 1.28 0.00	22.66 1.34 0.00
CORTLAND__115KV_TB3 80093	18.89 0.45 0.00	16.19 0.36 0.00	13.68 0.29 0.00	15.01 0.31 0.00	12.91 0.27 0.00	20.48 0.49 0.00	18.87 0.46 0.00	24.86 0.58 0.00	29.50 0.49 0.00	28.43 0.35 0.00	21.58 0.29 0.00	20.63 0.26 0.00	19.13 0.31 0.00	18.37 0.28 0.00	18.47 0.31 0.00	18.38 0.31 0.00	18.26 0.34 0.00	19.55 0.34 0.00	24.84 0.63 0.00	26.81 0.75 0.00	29.47 0.90 0.00	23.53 0.65 0.00	19.50 0.49 0.00	21.81 0.48 0.00
COXSACKIE__GT 23611	19.18 0.74 0.00	16.49 0.66 0.00	14.00 0.60 0.00	15.31 0.60 0.00	13.21 0.56 0.00	20.79 0.79 0.00	19.20 0.80 0.00	25.21 0.93 0.00	29.82 0.81 0.00	28.53 0.45 0.00	21.58 0.28 0.00	20.56 0.18 0.00	18.94 0.11 0.00	18.21 0.12 0.00	18.31 0.14 0.00	18.24 0.17 0.00	18.30 0.38 0.00	19.89 0.68 0.00	25.30 1.09 0.00	27.39 1.32 0.00	30.05 1.48 0.00	24.00 1.13 0.00	19.92 0.91 0.00	22.26 0.93 0.00
CPV__VALLEY__CC1 323721	19.09 0.65 0.00	16.39 0.55 0.00	13.86 0.47 0.00	15.15 0.45 0.00	13.05 0.40 0.00	20.60 0.61 0.00	18.98 0.57 0.00	25.18 0.90 0.00	30.06 1.06 0.00	29.25 1.17 0.00	22.28 0.98 0.00	21.28 0.90 0.00	19.65 0.83 0.00	18.87 0.78 0.00	18.97 0.81 0.00	18.90 0.83 0.00	18.75 0.83 0.00	20.19 0.97 0.00	25.49 1.29 0.00	27.33 1.27 0.00	29.92 1.34 0.00	23.89 1.01 0.00	19.75 0.75 0.00	22.10 0.77 0.00
CPV__VALLEY__CC2 323722	19.09 0.65 0.00	16.39 0.55 0.00	13.86 0.47 0.00	15.15 0.45 0.00	13.05 0.40 0.00	20.60 0.61 0.00	18.98 0.57 0.00	25.18 0.90 0.00	30.06 1.06 0.00	29.25 1.17 0.00	22.28 0.98 0.00	21.28 0.90 0.00	19.65 0.83 0.00	18.87 0.78 0.00	18.97 0.81 0.00	18.90 0.83 0.00	18.75 0.83 0.00	20.19 0.97 0.00	25.49 1.29 0.00	27.33 1.27 0.00	29.92 1.34 0.00	23.89 1.01 0.00	19.75 0.75 0.00	22.10 0.77 0.00
CRESCENT__HYD 24018	18.89 0.45 0.00	16.28 0.44 0.00	13.81 0.42 0.00	15.13 0.43 0.00	13.04 0.39 0.00	20.47 0.48 0.00	18.87 0.46 0.00	24.91 0.63 0.00	29.64 0.63 0.00	28.62 0.54 0.00	21.69 0.40 0.00	20.72 0.35 0.00	19.09 0.26 0.00	18.34 0.25 0.00	18.43 0.26 0.00	18.35 0.29 0.00	18.24 0.32 0.00	19.67 0.45 0.00	24.92 0.71 0.00	26.85 0.79 0.00	29.43 0.85 0.00	23.53 0.66 0.00	19.52 0.51 0.00	21.82 0.50 0.00
CRICKET__VALLEY_CC1 323756	19.12 0.68 0.00	16.44 0.61 0.00	13.95 0.55 0.00	15.25 0.55 0.00	13.12 0.47 0.00	20.63 0.64 0.00	19.02 0.61 0.00	25.27 0.98 0.00	30.15 1.14 0.00	29.28 1.20 0.00	22.24 0.95 0.00	21.21 0.84 0.00	19.56 0.73 0.00	18.77 0.67 0.00	18.88 0.72 0.00	18.80 0.74 0.00	18.63 0.71 0.00	20.09 0.88 0.00	25.48 1.27 0.00	27.41 1.34 0.00	30.04 1.46 0.00	23.97 1.10 0.00	19.83 0.82 0.00	22.15 0.82 0.00
CRICKET__VALLEY_CC2 323757	19.12 0.68 0.00	16.44 0.61 0.00	13.95 0.55 0.00	15.25 0.55 0.00	13.12 0.47 0.00	20.63 0.64 0.00	19.02 0.61 0.00	25.27 0.98 0.00	30.15 1.14 0.00	29.28 1.20 0.00	22.24 0.95 0.00	21.21 0.84 0.00	19.56 0.73 0.00	18.77 0.67 0.00	18.88 0.72 0.00	18.80 0.74 0.00	18.63 0.71 0.00	20.09 0.88 0.00	25.48 1.27 0.00	27.41 1.34 0.00	30.04 1.46 0.00	23.97 1.10 0.00	19.83 0.82 0.00	22.15 0.82 0.00
CRICKET__VALLEY_CC3 323758	19.12 0.68 0.00	16.44 0.61 0.00	13.95 0.55 0.00	15.25 0.55 0.00	13.12 0.47 0.00	20.63 0.64 0.00	19.02 0.61 0.00	25.27 0.98 0.00	30.15 1.14 0.00	29.28 1.20 0.00	22.24 0.95 0.00	21.21 0.84 0.00	19.56 0.73 0.00	18.77 0.67 0.00	18.88 0.72 0.00	18.80 0.74 0.00	18.63 0.71 0.00	20.09 0.88 0.00	25.48 1.27 0.00	27.41 1.34 0.00	30.04 1.46 0.00	23.97 1.10 0.00	19.83 0.82 0.00	22.15 0.82 0.00
CRUCIBLE__METL_DRP 24180	18.42 -0.02 0.00	15.81 -0.02 0.00	13.37 -0.03 0.00	14.68 -0.03 0.00	12.62 -0.03 0.00	20.00 0.01 0.00	18.41 0.00 0.00	24.30 0.02 0.00	28.99 -0.02 0.00	28.06 -0.02 0.00	21.28 -0.01 0.00	20.38 0.00 0.00	18.86 0.04 0.00	18.14 0.05 0.00	18.21 0.04 0.00	18.10 0.04 0.00	17.94 0.02 0.00	19.24 0.03 0.00	24.26 0.05 0.00	26.11 0.04 0.00	28.63 0.05 0.00	22.88 0.00 0.00	19.01 0.00 0.00	21.35 0.03 0.00
DAHOWA__HYDRO 323763	18.97 0.53 0.00	16.33 0.50 0.00	13.88 0.48 0.00	15.20 0.50 0.00	13.10 0.45 0.00	20.59 0.60 0.00	19.05 0.64 0.00	25.20 0.91 0.00	29.89 0.88 0.00	28.69 0.61 0.00	21.80 0.50 0.00	20.76 0.39 0.00	19.04 0.22 0.00	18.31 0.21 0.00	18.42 0.25 0.00	18.36 0.30 0.00	18.29 0.37 0.00	19.83 0.62 0.00	25.20 1.00 0.00	27.21 1.14 0.00	29.85 1.28 0.00	23.82 0.94 0.00	19.69 0.68 0.00	21.94 0.62 0.00
DANC__LFGE 323619	18.53 0.09 0.00	15.89 0.05 0.00	13.42 0.03 0.00	14.74 0.04 0.00	12.67 0.03 0.00	20.09 0.10 0.00	18.48 0.07 0.00	24.29 0.00 0.00	28.64 -0.37 0.00	27.53 -0.55 0.00	20.96 -0.34 0.00	20.06 -0.31 0.00	18.54 -0.29 0.00	17.84 -0.26 0.00	17.82 -0.35 0.00	17.67 -0.40 0.00	17.52 -0.40 0.00	18.85 -0.36 0.00	24.08 -0.12 0.00	26.07 0.00 0.00	28.82 0.25 0.00	23.08 0.21 0.00	19.05 0.04 0.00	21.35 0.03 0.00
DANSKAMMER__1 23586	19.53 1.09 0.00	16.76 0.92 0.00	14.18 0.78 0.00	15.49 0.78 0.00	13.34 0.69 0.00	21.06 1.07 0.00	19.43 1.02 0.00	25.80 1.51 0.00	30.78 1.77 0.00	29.94 1.86 0.00	22.77 1.47 0.00	21.73 1.35 0.00	20.06 1.24 0.00	19.26 1.17 0.00	19.37 1.20 0.00	19.31 1.24 0.00	19.20 1.27 0.00	20.70 1.48 0.00	26.15 1.95 0.00	28.08 2.01 0.00	30.75 2.17 0.00	24.52 1.64 0.00	20.26 1.25 0.00	22.62 1.30 0.00
DANSKAMMER__2 23589	19.53 1.09 0.00	16.76 0.92 0.00	14.18 0.78 0.00	15.49 0.78 0.00	13.34 0.69 0.00	21.06 1.07 0.00	19.43 1.02 0.00	25.80 1.51 0.00	30.78 1.77 0.00	29.94 1.86 0.00	22.77 1.47 0.00	21.73 1.35 0.00	20.06 1.24 0.00	19.26 1.17 0.00	19.37 1.20 0.00	19.31 1.24 0.00	19.20 1.27 0.00	20.70 1.48 0.00	26.15 1.95 0.00	28.08 2.01 0.00	30.75 2.17 0.00	24.52 1.64 0.00	20.26 1.25 0.00	22.62 1.30 0.00
DANSKAMMER__3 23590	19.53 1.09 0.00	16.76 0.92 0.00	14.18 0.78 0.00	15.49 0.78 0.00	13.34 0.69 0.00	21.06 1.07 0.00	19.43 1.02 0.00	25.80 1.51 0.00	30.78 1.77 0.00	29.94 1.86 0.00	22.77 1.47 0.00	21.73 1.35 0.00	20.06 1.24 0.00	19.26 1.17 0.00	19.37 1.20 0.00	19.31 1.24 0.00	19.20 1.27 0.00	20.70 1.48 0.00	26.15 1.95 0.00	28.08 2.01 0.00	30.75 2.17 0.00	24.52 1.64 0.00	20.26 1.25 0.00	22.62 1.30 0.00

DANSKAMMER___4 23591	19.53 1.09 0.00	16.76 0.92 0.00	14.18 0.78 0.00	15.49 0.78 0.00	13.34 0.69 0.00	21.06 1.07 0.00	19.43 1.02 0.00	25.80 1.51 0.00	30.78 1.77 0.00	29.94 1.86 0.00	22.77 1.47 0.00	21.73 1.35 0.00	20.06 1.24 0.00	19.26 1.17 0.00	19.37 1.20 0.00	19.31 1.24 0.00	19.20 1.27 0.00	20.70 1.48 0.00	26.15 1.95 0.00	28.08 2.01 0.00	30.75 2.17 0.00	24.52 1.64 0.00	20.26 1.25 0.00	22.62 1.30 0.00
DANSKAMMER___DIESEL 23592	19.53 1.09 0.00	16.76 0.92 0.00	14.18 0.78 0.00	15.49 0.78 0.00	13.34 0.69 0.00	21.06 1.07 0.00	19.43 1.02 0.00	25.80 1.51 0.00	30.78 1.77 0.00	29.94 1.86 0.00	22.76 1.46 0.00	21.73 1.36 0.00	20.06 1.24 0.00	19.26 1.17 0.00	19.37 1.20 0.00	19.31 1.24 0.00	19.20 1.27 0.00	20.70 1.48 0.00	26.16 1.95 0.00	28.08 2.01 0.00	30.75 2.17 0.00	24.52 1.64 0.00	20.26 1.25 0.00	22.62 1.30 0.00
DARBY___SOLAR 323810	18.98 0.54 0.00	16.34 0.50 0.00	13.88 0.48 0.00	15.20 0.50 0.00	13.10 0.45 0.00	20.59 0.60 0.00	19.04 0.63 0.00	25.17 0.88 0.00	29.86 0.85 0.00	28.70 0.62 0.00	21.80 0.50 0.00	20.76 0.38 0.00	19.05 0.23 0.00	18.32 0.22 0.00	18.42 0.25 0.00	18.37 0.30 0.00	18.30 0.38 0.00	19.82 0.61 0.00	25.17 0.96 0.00	27.17 1.11 0.00	29.80 1.22 0.00	23.78 0.91 0.00	19.68 0.67 0.00	21.95 0.62 0.00
DASHVILLE___HYD 23610	19.40 0.96 0.00	16.64 0.81 0.00	14.07 0.67 0.00	15.38 0.68 0.00	13.23 0.59 0.00	20.91 0.92 0.00	19.28 0.87 0.00	25.63 1.35 0.00	30.60 1.60 0.00	29.83 1.75 0.00	22.68 1.38 0.00	21.63 1.25 0.00	19.98 1.15 0.00	19.16 1.07 0.00	19.26 1.09 0.00	19.20 1.13 0.00	19.06 1.14 0.00	20.53 1.32 0.00	25.95 1.74 0.00	27.84 1.78 0.00	30.49 1.92 0.00	24.32 1.45 0.00	20.09 1.08 0.00	22.44 1.12 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	30.47 1.93 -10.10	27.76 1.60 -10.32	16.87 1.34 -2.13	18.44 1.39 -2.34	28.39 1.18 -14.56	43.30 1.91 -21.40	42.92 1.81 -22.70	28.44 2.61 -1.54	44.19 3.15 -12.03	33.82 3.44 -2.31	31.76 2.73 -7.72	23.93 2.53 -1.02	21.10 2.11 -0.16	19.95 1.86 0.00	20.03 1.87 0.00	20.05 1.99 0.00	19.84 1.92 0.00	21.32 2.11 0.00	27.01 2.80 0.00	28.86 2.79 0.00	31.71 3.14 0.00	25.38 2.45 -0.05	21.15 2.07 -0.07	23.53 2.20 0.00
DELAWARE___LFGE 323621	18.99 0.55 0.00	16.30 0.47 0.00	13.79 0.39 0.00	15.11 0.40 0.00	12.99 0.34 0.00	20.56 0.57 0.00	18.94 0.53 0.00	25.04 0.75 0.00	29.86 0.86 0.00	28.98 0.91 0.00	22.02 0.73 0.00	21.06 0.69 0.00	19.49 0.66 0.00	18.72 0.63 0.00	18.81 0.64 0.00	18.71 0.65 0.00	18.57 0.65 0.00	19.96 0.75 0.00	25.17 0.96 0.00	27.03 0.96 0.00	29.61 1.03 0.00	23.64 0.76 0.00	19.59 0.58 0.00	21.94 0.61 0.00
DERFIELD_115KV_TB7 355931	18.49 0.06 0.00	15.88 0.05 0.00	13.45 0.05 0.00	14.74 0.04 0.00	12.68 0.04 0.00	20.03 0.04 0.00	18.44 0.04 0.00	24.35 0.07 0.00	29.06 0.05 0.00	28.12 0.04 0.00	21.34 0.04 0.00	20.41 0.04 0.00	18.86 0.04 0.00	18.12 0.03 0.00	18.21 0.04 0.00	18.10 0.04 0.00	17.97 0.05 0.00	19.29 0.07 0.00	24.34 0.13 0.00	26.20 0.14 0.00	28.71 0.13 0.00	22.96 0.08 0.00	19.06 0.05 0.00	21.37 0.04 0.00
DOGLEVILLE___HYD 23807	18.43 0.00 0.00	15.84 0.01 0.00	13.39 0.00 0.00	14.63 -0.08 0.00	12.59 -0.05 0.00	19.88 -0.11 0.00	18.34 -0.06 0.00	24.21 -0.08 0.00	28.75 -0.26 0.00	27.46 -0.62 0.00	20.77 -0.53 0.00	19.78 -0.60 0.00	18.21 -0.62 0.00	17.48 -0.61 0.00	17.56 -0.61 0.00	17.64 -0.43 0.00	17.67 -0.25 0.00	19.08 -0.13 0.00	24.20 0.00 0.00	26.17 0.10 0.00	28.67 0.09 0.00	22.88 0.01 0.00	18.95 -0.06 0.00	21.13 -0.19 0.00
DUNKIRK___115KV_TB_200 55889	18.53 0.09 0.00	15.98 0.15 0.00	13.49 0.09 0.00	14.83 0.13 0.00	12.61 -0.04 0.00	20.17 0.18 0.00	18.42 0.01 0.00	24.36 0.08 0.00	29.20 0.19 0.00	28.66 0.58 0.00	21.91 0.62 0.00	21.08 0.70 0.00	19.69 0.86 0.00	18.94 0.85 0.00	18.84 0.67 0.00	18.59 0.52 0.00	18.40 0.47 0.00	19.67 0.45 0.00	24.45 0.25 0.00	26.23 0.16 0.00	28.61 0.04 0.00	22.90 0.02 0.00	19.07 0.06 0.00	21.57 0.25 0.00
DUNKIRK___1 23563	18.53 0.09 0.00	15.98 0.15 0.00	13.49 0.09 0.00	14.83 0.13 0.00	12.61 -0.04 0.00	20.17 0.18 0.00	18.42 0.01 0.00	24.36 0.08 0.00	29.20 0.19 0.00	28.66 0.58 0.00	21.91 0.62 0.00	21.08 0.70 0.00	19.69 0.86 0.00	18.94 0.85 0.00	18.84 0.67 0.00	18.59 0.52 0.00	18.40 0.47 0.00	19.67 0.45 0.00	24.45 0.25 0.00	26.23 0.16 0.00	28.61 0.04 0.00	22.90 0.02 0.00	19.07 0.06 0.00	21.57 0.25 0.00
DUNKIRK___2 23564	18.53 0.09 0.00	15.98 0.15 0.00	13.49 0.09 0.00	14.83 0.13 0.00	12.61 -0.04 0.00	20.17 0.18 0.00	18.42 0.01 0.00	24.36 0.08 0.00	29.20 0.19 0.00	28.66 0.58 0.00	21.91 0.62 0.00	21.08 0.70 0.00	19.69 0.86 0.00	18.94 0.85 0.00	18.84 0.67 0.00	18.59 0.52 0.00	18.40 0.47 0.00	19.67 0.45 0.00	24.45 0.25 0.00	26.23 0.16 0.00	28.61 0.04 0.00	22.90 0.02 0.00	19.07 0.06 0.00	21.57 0.25 0.00
DUNKIRK___3 23565	18.48 0.04 0.00	15.93 0.09 0.00	13.45 0.05 0.00	14.81 0.11 0.00	12.60 -0.04 0.00	20.14 0.14 0.00	18.39 -0.02 0.00	24.31 0.02 0.00	29.09 0.09 0.00	28.47 0.39 0.00	21.75 0.45 0.00	20.93 0.56 0.00	19.54 0.71 0.00	18.81 0.71 0.00	18.75 0.58 0.00	18.49 0.43 0.00	18.29 0.37 0.00	19.54 0.32 0.00	24.31 0.11 0.00	26.11 0.04 0.00	28.53 -0.04 0.00	22.82 -0.05 0.00	19.01 0.00 0.00	21.47 0.15 0.00
DUNKIRK___4 23566	18.48 0.04 0.00	15.93 0.09 0.00	13.45 0.05 0.00	14.81 0.11 0.00	12.60 -0.04 0.00	20.14 0.14 0.00	18.39 -0.02 0.00	24.31 0.02 0.00	29.09 0.09 0.00	28.47 0.39 0.00	21.75 0.45 0.00	20.93 0.56 0.00	19.54 0.71 0.00	18.81 0.71 0.00	18.75 0.58 0.00	18.49 0.43 0.00	18.29 0.37 0.00	19.54 0.32 0.00	24.31 0.11 0.00	26.11 0.04 0.00	28.53 -0.04 0.00	22.82 -0.05 0.00	19.01 0.00 0.00	21.47 0.15 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.42 0.98 0.00	16.66 0.83 0.00	14.10 0.70 0.00	15.41 0.71 0.00	13.26 0.62 0.00	20.92 0.93 0.00	19.27 0.86 0.00	25.62 1.34 0.00	30.63 1.62 0.00	29.88 1.80 0.00	22.73 1.44 0.00	21.72 1.34 0.00	20.05 1.22 0.00	19.24 1.15 0.00	19.35 1.18 0.00	19.28 1.21 0.00	19.13 1.21 0.00	20.58 1.36 0.00	25.97 1.76 0.00	27.80 1.74 0.00	30.43 1.86 0.00	24.29 1.41 0.00	20.10 1.09 0.00	22.46 1.13 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.35 0.91 0.00	16.61 0.77 0.00	14.05 0.65 0.00	15.35 0.65 0.00	13.21 0.57 0.00	20.87 0.88 0.00	19.24 0.84 0.00	25.55 1.27 0.00	30.49 1.48 0.00	29.67 1.59 0.00	22.57 1.27 0.00	21.55 1.17 0.00	19.90 1.07 0.00	19.10 1.01 0.00	19.21 1.04 0.00	19.14 1.08 0.00	19.01 1.09 0.00	20.49 1.28 0.00	25.89 1.69 0.00	27.78 1.72 0.00	30.42 1.85 0.00	24.27 1.39 0.00	20.05 1.04 0.00	22.42 1.09 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	19.45 1.01 0.00	16.69 0.86 0.00	14.12 0.72 0.00	15.42 0.71 0.00	13.25 0.61 0.00	20.91 0.92 0.00	19.29 0.88 0.00	25.69 1.41 0.00	30.71 1.70 0.00	29.96 1.89 0.00	22.80 1.50 0.00	21.79 1.42 0.00	20.14 1.31 0.00	19.31 1.22 0.00	19.40 1.24 0.00	19.34 1.27 0.00	19.20 1.28 0.00	20.64 1.42 0.00	25.98 1.78 0.00	27.83 1.76 0.00	30.45 1.87 0.00	24.31 1.44 0.00	20.12 1.11 0.00	22.52 1.19 0.00
E179THST_13_KV_LOAD 356214	19.52 1.08 0.00	16.75 0.92 0.00	14.16 0.77 0.00	15.47 0.77 0.00	13.30 0.65 0.00	20.98 0.99 0.00	19.36 0.95 0.00	25.79 1.51 0.00	30.83 1.83 0.00	30.09 2.01 0.00	22.89 1.60 0.00	21.88 1.51 0.00	20.22 1.39 0.00	19.39 1.30 0.00	19.48 1.32 0.00	19.42 1.36 0.00	19.28 1.36 0.00	20.73 1.52 0.00	26.10 1.89 0.00	27.94 1.88 0.00	30.58 2.01 0.00	24.42 1.54 0.00	20.21 1.20 0.00	22.61 1.29 0.00
EAST HAMPTON___GT 23717	30.58 2.04 -10.10	27.85 1.70 -10.32	16.95 1.42 -2.13	18.53 1.48 -2.34	28.48 1.27 -14.57	43.44 2.04 -21.41	43.06 1.95 -22.71	28.62 2.79 -1.54	44.39 3.35 -12.04	34.03 3.64 -2.31	31.90 2.88 -7.73	24.04 2.65 -1.02	21.19 2.20 -0.16	20.04 1.95 0.00	20.13 1.96 0.00	20.15 2.08 0.00	19.94 2.02 0.00	21.44 2.23 0.00	27.16 2.95 0.00	29.03 2.97 0.00	31.91 3.34 0.00	25.53 2.61 -0.05	21.28 2.19 -0.07	23.65 2.32 0.00
EAST RIVER___6 23660	19.54 1.11 0.00	16.75 0.92 0.00	14.16 0.77 0.00	15.48 0.77 0.00	13.32 0.67 0.00	21.03 1.03 0.00	19.35 0.94 0.00	25.74 1.46 0.00	30.82 1.81 0.00	30.12 2.05 0.00	22.94 1.64 0.00	21.94 1.57 0.00	20.26 1.44 0.00	19.43 1.34 0.00	19.53 1.36 0.00	19.46 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	27.97 1.91 0.00	30.60 2.02 0.00	24.39 1.52 0.00	20.18 1.17 0.00	22.56 1.23 0.00
EAST RIVER___7 23524	19.54 1.11 0.00	16.75 0.92 0.00	14.16 0.77 0.00	15.48 0.77 0.00	13.32 0.67 0.00	21.03 1.03 0.00	19.35 0.94 0.00	25.74 1.46 0.00	30.82 1.81 0.00	30.12 2.05 0.00	22.94 1.64 0.00	21.94 1.57 0.00	20.26 1.44 0.00	19.43 1.34 0.00	19.53 1.36 0.00	19.46 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	27.97 1.91 0.00	30.60 2.02 0.00	24.39 1.52 0.00	20.18 1.17 0.00	22.56 1.23 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.39 0.95 0.00	16.64 0.80 0.00	14.08 0.69 0.00	15.39 0.68 0.00	13.24 0.60 0.00	20.89 0.90 0.00	19.24 0.84 0.00	25.58 1.30 0.00	30.58 1.58 0.00	29.82 1.74 0.00	22.69 1.39 0.00	21.68 1.30 0.00	20.01 1.18 0.00	19.21 1.11 0.00	19.31 1.14 0.00	19.24 1.17 0.00	19.09 1.17 0.00	20.54 1.32 0.00	25.92 1.72 0.00	27.77 1.70 0.00	30.39 1.82 0.00	24.25 1.38 0.00	20.07 1.06 0.00	22.43 1.11 0.00
EAST_HAMPTON___DIESEL 23722	30.58 2.04 -10.10	27.86 1.70 -10.32	16.95 1.42 -2.13	18.53 1.48 -2.34	28.48 1.27 -14.57	43.44 2.04 -21.41	43.06 1.95 -22.71	28.62 2.80 -1.54	44.40 3.36 -12.04	34.03 3.64 -2.31	31.90 2.88 -7.73	24.05 2.65 -1.02	21.20 2.21 -0.16	20.04 1.95 0.00	20.13 1.96 0.00	20.15 2.08 0.00	19.94 2.02 0.00	21.45 2.23 0.00	27.17 2.96 0.00	29.04 2.97 0.00	31.91 3.34 0.00	25.53 2.61 -0.05	21.28 2.20 -0.07	23.65 2.32 0.00
EAST_POINT___SOLAR 323840	19.68 1.24 0.00	16.83 0.99 0.00	14.21 0.81 0.00	15.59 0.89 0.00	13.39 0.74 0.00	21.36 1.36 0.00	19.67 1.26 0.00	25.93 1.65 0.00	30.70 1.70 0.00	29.42 1.34 0.00	22.25 0.96 0.00	21.24 0.87 0.00	19.74 0.91 0.00	18.91 0.81 0.00	18.97 0.80 0.00	19.11 1.04 0.00	18.86 0.94 0.00	20.32 1.11 0.00	25.61 1.40 0.00	27.81 1.74 0.00	30.47 1.89 0.00	24.33 1.45 0.00	20.20 1.19 0.00	22.74 1.41 0.00
EAST_PULASKI___ESR 323781	18.34 -0.10 0.00	15.73 -0.10 0.00	13.30 -0.09 0.00	14.61 -0.10 0.00	12.56 -0.09 0.00	19.89 -0.10 0.00	18.30 -0.11 0.00	24.10 -0.19 0.00	28.57 -0.44 0.00	27.57 -0.51 0.00	20.97 -0.33 0.00	20.07 -0.30 0.00	18.56 -0.27 0.00	17.85 -0.24 0.00	17.86 -0.31 0.00	17.73 -0.33 0.00	17.56 -0.36 0.00	18.86 -0.35 0.00	23.94 -0.27 0.00	25.85 -0.21 0.00	28.48 -0.10 0.00	22.79 -0.08 0.00	18.89 -0.11 0.00	21.20 -0.12 0.00
EAST_RIVER___1 323558	19.50 1.06 0.00	16.72 0.89 0.00	14.14 0.74 0.00	15.45 0.75 0.00	13.30 0.65 0.00	20.98 0.99 0.00	19.31 0.90 0.00	25.70 1.41 0.00	30.75 1.74 0.00	30.05 1.97 0.00	22.88 1.58 0.00	21.87 1.49 0.00	20.20 1.37 0.00	19.38 1.29 0.00	19.48 1.31 0.00	19.42 1.35 0.00	19.27 1.35 0.00	20.72 1.50 0.00	26.09 1.89 0.00	27.90 1.83 0.00	30.52 1.94 0.00	24.35 1.48 0.00	20.15 1.14 0.00	22.54 1.21 0.00
EAST_RIVER___2 323559	19.54 1.11 0.00	16.75 0.92 0.00	14.16 0.77 0.00	15.48 0.77 0.00	13.32 0.67 0.00	21.03 1.03 0.00	19.35 0.94 0.00	25.74 1.46 0.00	30.82 1.81 0.00	30.12 2.05 0.00	22.94 1.64 0.00	21.94 1.57 0.00	20.26 1.44 0.00	19.43 1.34 0.00	19.53 1.36 0.00	19.46 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	27.97 1.91 0.00	30.60 2.02 0.00	24.39 1.52 0.00	20.18 1.17 0.00	22.56 1.23 0.00
EAST___DELAWARE_HYD 23607	19.87 1.43 0.00	17.06 1.22 0.00	14.43 1.04 0.00	15.80 1.09 0.00	13.60 0.95 0.00	21.54 1.55 0.00	19.85 1.44 0.00	26.32 2.04 0.00	31.32 2.32 0.00	30.40 2.32 0.00	22.63 1.33 0.00	21.45 1.07 0.00	19.77 0.94 0.00	18.83 0.74 0.00	18.81 0.64 0.00	18.74 0.68 0.00	18.61 0.69 0.00	20.12 0.91 0.00	25.53 1.32 0.00	27.44 1.37 0.00	30.06 1.49 0.00	23.97 1.09 0.00	19.78 0.78 0.00	22.10 0.77 0.00
EIGHT_POINT___WT_PWR 323820	18.35 -0.08 0.00	15.75 -0.08 0.00	13.21 -0.19 0.00	14.63 -0.08 0.00	12.46 -0.19 0.00	19.68 -0.31 0.00	17.94 -0.47 0.00	23.98 -0.31 0.00	28.86 -0.14 0.00	28.29 0.21 0.00	21.68 0.38 0.00	20.90 0.53 0.00	19.49 0.66 0.00	18.75 0.65 0.00	18.73 0.56 0.00	18.49 0.42 0.00	18.18 0.26 0.00	19.39 0.18 0.00	24.27 0.06 0.00	26.24 0.17 0.00	28.79 0.21 0.00	22.86 -0.02 0.00	18.91 -0.10 0.00	21.21 -0.12 0.00
ELBRIDGE_115KV_TB2 80188	18.32 -0.11 0.00	15.73 -0.10 0.00	13.30 -0.09 0.00	14.61 -0.10 0.00	12.55 -0.10 0.00	19.89 -0.10 0.00	18.30 -0.10 0.00	24.17 -0.12 0.00	28.87 -0.14 0.00	27.96 -0.12 0.00	21.19 -0.11 0.00	20.29 -0.09 0.00	18.79 -0.04 0.00	18.06 -0.03 0.00	18.13 -0.04 0.00	18.03 -0.04 0.00	17.87 -0.05 0.00	19.14 -0.07 0.00	24.14 -0.07 0.00	25.96 -0.10 0.00	28.45 -0.13 0.00	22.76 -0.11 0.00	18.92 -0.09 0.00	21.25 -0.07 0.00
ELEC_TRO_TEK 24086	19.51 1.07 0.00	16.72 0.88 0.00	14.13 0.73 0.00	15.42 0.72 0.00	13.27 0.63 0.00	20.98 0.99 0.00	19.32 0.91 0.00	25.70 1.41 0.00	30.70 1.70 0.00	30.28 1.97 -0.23	26.55 1.62 -3.63	24.62 1.52 -2.72	21.20 1.35 -1.03	19.29 1.20 0.00	19.38 1.21 0.00	19.34 1.28 0.00	19.15 1.23 0.00	20.56 1.35 0.00	26.00 1.79 0.00	27.73 1.66 0.00	30.40 1.82 0.00	24.28 1.41 0.00	20.16 1.15 0.00	22.53 1.20 0.00

ELLENBURG_WT_PWR 323604	18.88 0.45 0.00	16.21 0.38 0.00	13.68 0.29 0.00	15.09 0.39 0.00	13.04 0.39 0.00	20.58 0.58 0.00	19.03 0.62 0.00	25.18 0.90 0.00	30.07 1.06 0.00	29.05 0.97 0.00	21.89 0.60 0.00	20.83 0.45 0.00	19.16 0.34 0.00	18.34 0.24 0.00	18.37 0.21 0.00	18.24 0.17 0.00	18.05 0.13 0.00	19.24 0.03 0.00	24.16 -0.05 0.00	26.20 0.14 0.00	28.72 0.14 0.00	22.96 0.09 0.00	19.17 0.16 0.00	21.52 0.19 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.27 -0.18 0.00	15.73 -0.11 0.00	13.28 -0.12 0.00	14.67 -0.03 0.00	12.49 -0.15 0.00	19.94 -0.05 0.00	18.21 -0.20 0.00	23.95 -0.33 0.00	28.61 -0.40 0.00	27.90 -0.18 0.00	21.29 -0.01 0.00	20.52 0.14 0.00	19.16 0.33 0.00	18.46 0.37 0.00	18.44 0.28 0.00	18.20 0.14 0.00	17.97 0.05 0.00	19.15 -0.06 0.00	23.84 -0.37 0.00	25.70 -0.36 0.00	28.20 -0.38 0.00	22.54 -0.33 0.00	18.79 -0.22 0.00	21.16 -0.16 0.00
EMPIRE_CC_1 323656	18.71 0.26 0.00	16.10 0.26 0.00	13.66 0.27 0.00	14.95 0.25 0.00	12.89 0.24 0.00	20.25 0.26 0.00	18.63 0.22 0.00	24.48 0.19 0.00	29.17 0.16 0.00	28.23 0.15 0.00	21.46 0.16 0.00	20.50 0.12 0.00	18.91 0.08 0.00	18.19 0.10 0.00	18.28 0.11 0.00	18.19 0.13 0.00	18.06 0.13 0.00	19.40 0.19 0.00	24.53 0.33 0.00	26.42 0.35 0.00	28.93 0.36 0.00	23.14 0.26 0.00	19.24 0.23 0.00	21.59 0.27 0.00
EMPIRE_CC_2 323658	18.71 0.26 0.00	16.10 0.26 0.00	13.66 0.27 0.00	14.95 0.25 0.00	12.89 0.24 0.00	20.25 0.26 0.00	18.63 0.22 0.00	24.48 0.19 0.00	29.17 0.16 0.00	28.23 0.15 0.00	21.46 0.16 0.00	20.50 0.12 0.00	18.91 0.08 0.00	18.19 0.10 0.00	18.28 0.11 0.00	18.19 0.13 0.00	18.06 0.13 0.00	19.40 0.19 0.00	24.53 0.33 0.00	26.42 0.35 0.00	28.93 0.36 0.00	23.14 0.26 0.00	19.24 0.23 0.00	21.59 0.27 0.00
ENORWICH_115KV_TB1 80156	19.63 1.19 0.00	16.87 1.03 0.00	14.22 0.82 0.00	15.62 0.92 0.00	13.42 0.77 0.00	21.29 1.30 0.00	19.60 1.19 0.00	25.65 1.37 0.00	30.35 1.35 0.00	29.24 1.16 0.00	22.17 0.87 0.00	21.19 0.82 0.00	19.67 0.84 0.00	18.91 0.81 0.00	19.01 0.84 0.00	18.97 0.90 0.00	18.98 1.06 0.00	20.49 1.27 0.00	25.66 1.45 0.00	27.76 1.70 0.00	30.55 1.97 0.00	24.37 1.50 0.00	20.05 1.05 0.00	22.25 0.92 0.00
ERIE_ST__34_KV_TB1-2 80199	18.67 0.23 0.00	16.07 0.23 0.00	13.56 0.16 0.00	14.98 0.28 0.00	12.77 0.12 0.00	20.37 0.38 0.00	18.62 0.22 0.00	24.58 0.30 0.00	29.38 0.37 0.00	28.58 0.50 0.00	21.77 0.47 0.00	20.97 0.60 0.00	19.56 0.73 0.00	18.85 0.76 0.00	18.85 0.68 0.00	18.63 0.57 0.00	18.38 0.47 0.00	19.63 0.41 0.00	24.45 0.24 0.00	26.34 0.28 0.00	28.90 0.32 0.00	23.09 0.22 0.00	19.24 0.24 0.00	21.65 0.32 0.00
ERIE_WT_PWR 323693	18.39 -0.05 0.00	15.84 0.01 0.00	13.37 -0.02 0.00	14.78 0.08 0.00	12.59 -0.06 0.00	20.09 0.10 0.00	18.34 -0.07 0.00	24.18 -0.10 0.00	28.88 -0.13 0.00	28.17 0.09 0.00	21.48 0.19 0.00	20.71 0.34 0.00	19.32 0.49 0.00	18.62 0.52 0.00	18.61 0.44 0.00	18.35 0.29 0.00	18.13 0.21 0.00	19.33 0.12 0.00	24.07 -0.14 0.00	25.95 -0.12 0.00	28.45 -0.13 0.00	22.75 -0.12 0.00	18.95 -0.06 0.00	21.33 0.00 0.00
ESPRGFLD_115KV_TB1 80157	19.51 1.07 0.00	16.69 0.85 0.00	14.08 0.68 0.00	15.45 0.75 0.00	13.27 0.63 0.00	21.16 1.17 0.00	19.49 1.09 0.00	25.73 1.45 0.00	30.61 1.60 0.00	29.55 1.47 0.00	22.43 1.13 0.00	21.46 1.09 0.00	19.94 1.11 0.00	19.14 1.05 0.00	19.21 1.04 0.00	19.19 1.12 0.00	18.95 1.03 0.00	20.37 1.16 0.00	25.63 1.43 0.00	27.65 1.59 0.00	30.27 1.69 0.00	24.15 1.28 0.00	20.03 1.02 0.00	22.51 1.18 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.74 0.30 0.00	16.08 0.25 0.00	13.59 0.20 0.00	14.92 0.22 0.00	12.82 0.17 0.00	20.33 0.34 0.00	18.69 0.29 0.00	24.70 0.42 0.00	29.44 0.43 0.00	28.42 0.35 0.00	21.53 0.23 0.00	20.59 0.22 0.00	19.09 0.26 0.00	18.36 0.26 0.00	18.45 0.28 0.00	18.37 0.31 0.00	18.24 0.32 0.00	19.60 0.39 0.00	24.72 0.51 0.00	26.67 0.60 0.00	29.23 0.66 0.00	23.34 0.47 0.00	19.36 0.35 0.00	21.68 0.36 0.00
ETNA____115KV_TB2 80207	18.74 0.30 0.00	16.08 0.25 0.00	13.59 0.20 0.00	14.92 0.22 0.00	12.82 0.17 0.00	20.33 0.34 0.00	18.69 0.29 0.00	24.70 0.42 0.00	29.44 0.43 0.00	28.42 0.35 0.00	21.53 0.23 0.00	20.59 0.22 0.00	19.09 0.26 0.00	18.36 0.26 0.00	18.45 0.28 0.00	18.37 0.31 0.00	18.24 0.32 0.00	19.60 0.39 0.00	24.72 0.51 0.00	26.67 0.60 0.00	29.23 0.66 0.00	23.34 0.47 0.00	19.36 0.35 0.00	21.68 0.36 0.00
EUCLID__115KV_TB2 356179	18.24 -0.20 0.00	15.66 -0.17 0.00	13.24 -0.15 0.00	14.54 -0.16 0.00	12.50 -0.15 0.00	19.80 -0.19 0.00	18.22 -0.18 0.00	24.05 -0.23 0.00	28.67 -0.34 0.00	27.76 -0.32 0.00	21.08 -0.22 0.00	20.19 -0.18 0.00	18.69 -0.14 0.00	17.97 -0.12 0.00	18.03 -0.14 0.00	17.91 -0.15 0.00	17.75 -0.17 0.00	19.03 -0.19 0.00	23.97 -0.23 0.00	25.81 -0.26 0.00	28.30 -0.27 0.00	22.63 -0.25 0.00	18.81 -0.20 0.00	21.13 -0.19 0.00
E_CANADA_CAP_HY 24051	19.66 1.22 0.00	16.80 0.97 0.00	14.19 0.79 0.00	15.57 0.86 0.00	13.36 0.72 0.00	21.32 1.33 0.00	19.64 1.24 0.00	25.90 1.61 0.00	30.69 1.69 0.00	29.45 1.37 0.00	22.30 1.00 0.00	21.30 0.93 0.00	19.79 0.97 0.00	18.97 0.88 0.00	19.03 0.86 0.00	19.12 1.06 0.00	18.86 0.94 0.00	20.31 1.10 0.00	25.58 1.37 0.00	27.75 1.68 0.00	30.40 1.82 0.00	24.27 1.39 0.00	20.15 1.14 0.00	22.70 1.38 0.00
E_CANADA_MHWK_HY 24050	18.43 0.00 0.00	15.84 0.01 0.00	13.39 0.00 0.00	14.63 -0.08 0.00	12.59 -0.05 0.00	19.88 -0.11 0.00	18.34 -0.06 0.00	24.21 -0.08 0.00	28.75 -0.26 0.00	27.46 -0.62 0.00	20.77 -0.53 0.00	19.78 -0.60 0.00	18.21 -0.62 0.00	17.48 -0.61 0.00	17.56 -0.61 0.00	17.64 -0.43 0.00	17.67 -0.25 0.00	19.08 -0.13 0.00	24.20 0.00 0.00	26.17 0.10 0.00	28.67 0.09 0.00	22.88 0.01 0.00	18.95 -0.06 0.00	21.13 -0.19 0.00
E_FISHKILL__LBMP 23776	19.24 0.80 0.00	16.52 0.69 0.00	13.99 0.59 0.00	15.29 0.59 0.00	13.16 0.51 0.00	20.75 0.76 0.00	19.11 0.71 0.00	25.39 1.10 0.00	30.32 1.32 0.00	29.52 1.44 0.00	22.45 1.15 0.00	21.44 1.06 0.00	19.79 0.96 0.00	18.99 0.89 0.00	19.10 0.93 0.00	19.02 0.95 0.00	18.87 0.95 0.00	20.32 1.10 0.00	25.67 1.46 0.00	27.54 1.47 0.00	30.15 1.58 0.00	24.06 1.19 0.00	19.91 0.90 0.00	22.26 0.94 0.00
FALCON__SEABRD_CC1 323796	19.26 0.82 0.00	16.58 0.75 0.00	14.01 0.61 0.00	15.42 0.71 0.00	13.34 0.70 0.00	21.03 1.04 0.00	19.50 1.10 0.00	25.87 1.59 0.00	30.79 1.79 0.00	29.72 1.64 0.00	22.35 1.05 0.00	21.22 0.84 0.00	19.50 0.67 0.00	18.65 0.56 0.00	18.67 0.50 0.00	18.55 0.49 0.00	18.36 0.44 0.00	19.59 0.38 0.00	24.59 0.38 0.00	26.72 0.65 0.00	29.27 0.70 0.00	23.33 0.46 0.00	19.45 0.44 0.00	21.79 0.47 0.00

FALCON___SEABRD_CC2 323797	19.26 0.82 0.00	16.58 0.75 0.00	14.01 0.61 0.00	15.42 0.71 0.00	13.34 0.70 0.00	21.03 1.04 0.00	19.50 1.10 0.00	25.87 1.59 0.00	30.79 1.79 0.00	29.72 1.64 0.00	22.35 1.05 0.00	21.22 0.84 0.00	19.50 0.67 0.00	18.65 0.56 0.00	18.67 0.50 0.00	18.55 0.49 0.00	18.36 0.44 0.00	19.59 0.38 0.00	24.59 0.38 0.00	26.72 0.65 0.00	29.27 0.70 0.00	23.33 0.46 0.00	19.45 0.44 0.00	21.79 0.47 0.00
FAR ROCKAWAY___4 23548	19.76 1.32 0.00	16.91 1.07 0.00	14.28 0.88 0.00	15.59 0.88 0.00	13.41 0.77 0.00	21.23 1.24 0.00	19.55 1.14 0.00	26.00 1.72 0.00	31.07 2.06 0.00	31.12 2.35 -0.69	34.18 1.90 -10.98	30.41 1.78 -8.25	23.53 1.60 -3.11	19.52 1.43 0.00	19.60 1.43 0.00	19.58 1.51 0.00	19.39 1.47 0.00	20.83 1.61 0.00	26.33 2.12 0.00	28.11 2.04 0.00	30.82 2.25 0.00	24.60 1.73 0.00	20.42 1.41 0.00	22.81 1.48 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.50 1.06 0.00	16.72 0.88 0.00	14.14 0.74 0.00	15.45 0.75 0.00	13.30 0.65 0.00	20.98 0.98 0.00	19.31 0.90 0.00	25.71 1.43 0.00	30.76 1.75 0.00	30.05 1.97 0.00	22.88 1.58 0.00	21.88 1.50 0.00	20.20 1.37 0.00	19.38 1.29 0.00	19.48 1.31 0.00	19.42 1.35 0.00	19.27 1.35 0.00	20.71 1.50 0.00	26.09 1.89 0.00	27.90 1.84 0.00	30.52 1.95 0.00	24.35 1.48 0.00	20.16 1.15 0.00	22.54 1.22 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.51 1.07 0.00	16.73 0.89 0.00	14.15 0.75 0.00	15.46 0.75 0.00	13.30 0.66 0.00	20.99 1.00 0.00	19.33 0.92 0.00	25.72 1.44 0.00	30.78 1.77 0.00	30.07 1.99 0.00	22.89 1.59 0.00	21.88 1.51 0.00	20.21 1.38 0.00	19.39 1.30 0.00	19.49 1.32 0.00	19.42 1.36 0.00	19.28 1.36 0.00	20.72 1.51 0.00	26.11 1.90 0.00	27.92 1.86 0.00	30.55 1.97 0.00	24.37 1.50 0.00	20.17 1.17 0.00	22.56 1.23 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.50 1.05 0.00	16.72 0.88 0.00	14.14 0.74 0.00	15.45 0.75 0.00	13.29 0.65 0.00	20.97 0.98 0.00	19.31 0.90 0.00	25.70 1.41 0.00	30.75 1.74 0.00	30.04 1.96 0.00	22.87 1.58 0.00	21.86 1.49 0.00	20.20 1.37 0.00	19.38 1.28 0.00	19.48 1.31 0.00	19.41 1.34 0.00	19.27 1.34 0.00	20.71 1.49 0.00	26.09 1.88 0.00	27.89 1.83 0.00	30.52 1.94 0.00	24.35 1.48 0.00	20.15 1.14 0.00	22.54 1.21 0.00
FARRAGUT___LBMP 323566	19.48 1.04 0.00	16.71 0.87 0.00	14.13 0.73 0.00	15.44 0.74 0.00	13.29 0.64 0.00	20.96 0.97 0.00	19.30 0.89 0.00	25.68 1.39 0.00	30.72 1.71 0.00	30.01 1.94 0.00	22.85 1.55 0.00	21.84 1.47 0.00	20.18 1.35 0.00	19.36 1.26 0.00	19.46 1.29 0.00	19.39 1.33 0.00	19.25 1.33 0.00	20.69 1.48 0.00	26.07 1.86 0.00	27.87 1.80 0.00	30.49 1.92 0.00	24.33 1.45 0.00	20.14 1.13 0.00	22.52 1.19 0.00
FENNER___WINDPWR 24204	18.90 0.46 0.00	16.21 0.37 0.00	13.70 0.30 0.00	15.03 0.33 0.00	12.93 0.28 0.00	20.48 0.49 0.00	18.84 0.43 0.00	24.79 0.51 0.00	29.44 0.43 0.00	28.41 0.33 0.00	21.59 0.30 0.00	20.65 0.27 0.00	19.12 0.29 0.00	18.36 0.27 0.00	18.45 0.28 0.00	18.35 0.28 0.00	18.24 0.31 0.00	19.57 0.36 0.00	24.86 0.66 0.00	26.82 0.75 0.00	29.45 0.87 0.00	23.52 0.65 0.00	19.48 0.47 0.00	21.76 0.43 0.00
FIBERTEK___ENERGY 23856	18.42 -0.02 0.00	15.81 -0.02 0.00	13.37 -0.03 0.00	14.68 -0.03 0.00	12.62 -0.03 0.00	20.00 0.01 0.00	18.41 0.00 0.00	24.30 0.02 0.00	28.99 -0.02 0.00	28.06 -0.02 0.00	21.28 -0.01 0.00	20.38 0.00 0.00	18.86 0.04 0.00	18.14 0.05 0.00	18.21 0.04 0.00	18.10 0.04 0.00	17.94 0.02 0.00	19.24 0.03 0.00	24.26 0.05 0.00	26.11 0.04 0.00	28.63 0.05 0.00	22.88 0.00 0.00	19.01 0.00 0.00	21.35 0.03 0.00
FITZPATRICK____ 23598	18.00 -0.44 0.00	15.46 -0.38 0.00	13.07 -0.32 0.00	14.35 -0.35 0.00	12.33 -0.31 0.00	19.53 -0.46 0.00	17.97 -0.44 0.00	23.71 -0.57 0.00	28.28 -0.72 0.00	27.40 -0.68 0.00	20.79 -0.50 0.00	19.91 -0.47 0.00	18.42 -0.41 0.00	17.70 -0.39 0.00	17.77 -0.40 0.00	17.64 -0.42 0.00	17.48 -0.44 0.00	18.73 -0.48 0.00	23.58 -0.63 0.00	25.39 -0.68 0.00	27.84 -0.74 0.00	22.27 -0.60 0.00	18.53 -0.48 0.00	20.84 -0.48 0.00
FLOWRFLD_69_KV_BK1 356044	33.15 1.43 -13.28	30.58 1.17 -13.57	17.18 0.98 -2.81	18.78 1.00 -3.08	32.64 0.84 -19.15	49.47 1.33 -28.15	49.50 1.23 -29.86	28.14 1.83 -2.03	47.00 2.17 -15.83	33.60 2.49 -3.02	33.35 2.05 -10.01	23.53 1.92 -1.23	20.66 1.66 -0.17	19.56 1.47 0.00	19.63 1.46 0.00	19.66 1.60 0.00	19.39 1.47 0.00	20.75 1.54 0.00	26.23 2.02 0.00	27.99 1.93 0.00	30.72 2.15 0.00	24.61 1.68 -0.06	20.59 1.49 -0.09	22.90 1.57 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.56 1.12 0.00	16.78 0.95 0.00	14.19 0.80 0.00	15.52 0.81 0.00	13.35 0.71 0.00	21.10 1.10 0.00	19.46 1.05 0.00	25.84 1.56 0.00	30.84 1.83 0.00	29.99 1.91 0.00	22.80 1.50 0.00	21.77 1.39 0.00	20.10 1.27 0.00	19.29 1.20 0.00	19.40 1.23 0.00	19.34 1.28 0.00	19.23 1.31 0.00	20.73 1.52 0.00	26.20 2.00 0.00	28.13 2.06 0.00	30.80 2.22 0.00	24.56 1.69 0.00	20.29 1.28 0.00	22.66 1.33 0.00
FORT ORANGE____ 23900	18.69 0.25 0.00	16.07 0.23 0.00	13.65 0.25 0.00	14.91 0.21 0.00	12.87 0.22 0.00	20.21 0.22 0.00	18.63 0.22 0.00	24.51 0.23 0.00	29.16 0.15 0.00	28.18 0.10 0.00	21.39 0.09 0.00	20.43 0.06 0.00	18.87 0.04 0.00	18.15 0.05 0.00	18.24 0.07 0.00	18.17 0.10 0.00	18.08 0.16 0.00	19.47 0.25 0.00	24.61 0.40 0.00	26.51 0.44 0.00	29.06 0.49 0.00	23.21 0.34 0.00	19.30 0.29 0.00	21.63 0.30 0.00
FORT_DRUM_COGEN 23780	18.81 0.37 0.00	16.11 0.27 0.00	13.61 0.21 0.00	14.95 0.25 0.00	12.86 0.21 0.00	20.42 0.42 0.00	18.80 0.40 0.00	24.64 0.36 0.00	28.87 -0.13 0.00	27.65 -0.43 0.00	21.04 -0.25 0.00	20.11 -0.27 0.00	18.56 -0.27 0.00	17.86 -0.24 0.00	17.82 -0.35 0.00	17.65 -0.41 0.00	17.54 -0.38 0.00	18.91 -0.31 0.00	24.34 0.13 0.00	26.44 0.38 0.00	29.35 0.77 0.00	23.50 0.63 0.00	19.34 0.33 0.00	21.62 0.30 0.00
FOX_HILLS___ESR 323835	19.53 1.09 0.00	16.76 0.92 0.00	14.17 0.77 0.00	15.47 0.76 0.00	13.31 0.67 0.00	21.03 1.03 0.00	19.36 0.96 0.00	25.75 1.46 0.00	30.78 1.77 0.00	30.05 1.98 0.00	22.90 1.60 0.00	21.87 1.50 0.00	20.22 1.39 0.00	19.41 1.32 0.00	19.48 1.31 0.00	19.42 1.35 0.00	19.28 1.36 0.00	20.74 1.53 0.00	26.13 1.93 0.00	27.97 1.91 0.00	30.60 2.02 0.00	24.42 1.54 0.00	20.21 1.20 0.00	22.61 1.28 0.00
FPL FAR_ROCK_GT1 24212	19.76 1.32 0.00	16.91 1.07 0.00	14.28 0.88 0.00	15.59 0.88 0.00	13.42 0.77 0.00	21.23 1.24 0.00	19.55 1.14 0.00	26.00 1.72 0.00	31.07 2.06 0.00	31.12 2.35 -0.69	34.17 1.90 -10.98	30.39 1.76 -8.25	23.53 1.59 -3.11	19.52 1.43 0.00	19.60 1.43 0.00	19.58 1.51 0.00	19.39 1.47 0.00	20.83 1.61 0.00	26.33 2.12 0.00	28.11 2.04 0.00	30.83 2.25 0.00	24.60 1.73 0.00	20.42 1.41 0.00	22.80 1.48 0.00

FPL FAR_ROCK_GT2 23815	19.76 1.32 0.00	16.91 1.07 0.00	14.28 0.88 0.00	15.59 0.88 0.00	13.42 0.77 0.00	21.23 1.24 0.00	19.55 1.14 0.00	26.00 1.72 0.00	31.07 2.06 0.00	31.12 2.35 -0.69	34.17 1.90 -10.98	30.39 1.76 -8.25	23.53 1.59 -3.11	19.52 1.43 0.00	19.60 1.43 0.00	19.58 1.51 0.00	19.39 1.47 0.00	20.83 1.61 0.00	26.33 2.12 0.00	28.11 2.04 0.00	30.83 2.25 0.00	24.60 1.73 0.00	20.42 1.41 0.00	22.80 1.48 0.00
FRANKLIN_FALL_HYD 24054	18.80 0.36 0.00	16.12 0.28 0.00	13.60 0.20 0.00	15.01 0.31 0.00	12.94 0.30 0.00	20.46 0.47 0.00	18.93 0.52 0.00	25.04 0.75 0.00	29.92 0.91 0.00	28.89 0.82 0.00	21.82 0.52 0.00	20.78 0.41 0.00	19.10 0.28 0.00	18.26 0.17 0.00	18.27 0.10 0.00	18.13 0.06 0.00	17.96 0.04 0.00	19.18 -0.04 0.00	24.13 -0.07 0.00	26.17 0.11 0.00	28.74 0.17 0.00	23.07 0.19 0.00	19.26 0.25 0.00	21.59 0.26 0.00
FREEPORT_EQUS_GT1 23764	19.64 1.20 0.00	16.81 0.98 0.00	14.20 0.81 0.00	15.51 0.80 0.00	13.35 0.70 0.00	21.11 1.12 0.00	19.44 1.03 0.00	25.86 1.57 0.00	30.88 1.87 0.00	30.49 2.17 -0.24	26.83 1.77 -3.76	24.85 1.65 -2.82	21.36 1.47 -1.06	19.38 1.29 0.00	19.47 1.30 0.00	19.43 1.36 0.00	19.24 1.32 0.00	20.68 1.46 0.00	26.13 1.93 0.00	27.87 1.81 0.00	30.58 2.01 0.00	24.43 1.55 0.00	20.31 1.30 0.00	22.67 1.35 0.00
FREEPORT___CT2 23818	19.64 1.20 0.00	16.81 0.98 0.00	14.20 0.81 0.00	15.51 0.80 0.00	13.35 0.70 0.00	21.11 1.12 0.00	19.44 1.03 0.00	25.86 1.57 0.00	30.88 1.87 0.00	30.49 2.17 -0.24	26.83 1.77 -3.76	24.85 1.65 -2.82	21.36 1.47 -1.06	19.38 1.29 0.00	19.47 1.30 0.00	19.43 1.36 0.00	19.24 1.32 0.00	20.68 1.46 0.00	26.13 1.93 0.00	27.87 1.81 0.00	30.58 2.01 0.00	24.43 1.55 0.00	20.31 1.30 0.00	22.67 1.35 0.00
FRESHKLS_33_KV_LOAD 356253	19.54 1.10 0.00	16.78 0.94 0.00	14.18 0.79 0.00	15.48 0.78 0.00	13.33 0.68 0.00	21.05 1.06 0.00	19.39 0.99 0.00	25.76 1.48 0.00	30.78 1.77 0.00	30.04 1.96 0.00	22.90 1.60 0.00	21.85 1.48 0.00	20.21 1.38 0.00	19.40 1.31 0.00	19.46 1.29 0.00	19.39 1.32 0.00	19.26 1.33 0.00	20.73 1.51 0.00	26.12 1.92 0.00	27.97 1.91 0.00	30.60 2.02 0.00	24.42 1.55 0.00	20.21 1.20 0.00	22.61 1.28 0.00
FULTON COGEN____ 23766	18.21 -0.23 0.00	15.63 -0.20 0.00	13.22 -0.17 0.00	14.51 -0.19 0.00	12.47 -0.18 0.00	19.76 -0.23 0.00	18.30 -0.10 0.00	24.31 0.02 0.00	28.95 -0.06 0.00	27.98 -0.10 0.00	21.23 -0.07 0.00	20.33 -0.05 0.00	18.81 -0.02 0.00	18.09 0.00 0.00	18.15 -0.02 0.00	18.04 -0.03 0.00	17.87 -0.05 0.00	19.19 -0.03 0.00	24.21 0.00 0.00	26.10 0.03 0.00	28.64 0.06 0.00	22.86 -0.02 0.00	18.99 -0.02 0.00	21.31 -0.02 0.00
FULTON___LFGE 323630	20.71 2.27 0.00	17.66 1.83 0.00	14.88 1.48 0.00	16.32 1.61 0.00	14.05 1.41 0.00	22.49 2.50 0.00	20.83 2.42 0.00	27.30 3.01 0.00	31.88 2.87 0.00	29.74 1.67 0.00	22.25 0.96 0.00	20.68 0.31 0.00	19.24 0.41 0.00	18.19 0.10 0.00	18.23 0.06 0.00	18.39 0.33 0.00	18.99 1.07 0.00	20.58 1.37 0.00	26.32 2.12 0.00	29.45 3.38 0.00	32.45 3.87 0.00	25.80 2.92 0.00	21.35 2.34 0.00	23.94 2.61 0.00
G.F.CEMENT___DRP 24184	18.99 0.55 0.00	16.35 0.51 0.00	13.90 0.51 0.00	15.23 0.53 0.00	13.12 0.47 0.00	20.62 0.63 0.00	19.14 0.73 0.00	25.34 1.06 0.00	30.05 1.04 0.00	28.81 0.73 0.00	21.91 0.61 0.00	20.86 0.48 0.00	19.08 0.25 0.00	18.35 0.26 0.00	18.47 0.30 0.00	18.41 0.34 0.00	18.34 0.42 0.00	19.93 0.71 0.00	25.38 1.17 0.00	27.40 1.33 0.00	30.06 1.48 0.00	23.95 1.08 0.00	19.77 0.76 0.00	21.97 0.64 0.00
GARDENVILLE___LBMP 24039	18.34 -0.10 0.00	15.79 -0.04 0.00	13.33 -0.06 0.00	14.72 0.02 0.00	12.54 -0.10 0.00	20.02 0.02 0.00	18.28 -0.13 0.00	24.07 -0.21 0.00	28.76 -0.24 0.00	28.05 -0.03 0.00	21.41 0.11 0.00	20.63 0.25 0.00	19.25 0.42 0.00	18.55 0.46 0.00	18.53 0.36 0.00	18.29 0.23 0.00	18.06 0.14 0.00	19.25 0.04 0.00	23.97 -0.24 0.00	25.84 -0.23 0.00	28.33 -0.24 0.00	22.65 -0.23 0.00	18.87 -0.14 0.00	21.26 -0.06 0.00
GARDNVLA_35_KV_LD 355827	18.41 -0.03 0.00	15.85 0.01 0.00	13.38 -0.02 0.00	14.78 0.08 0.00	12.59 -0.06 0.00	20.09 0.09 0.00	18.35 -0.06 0.00	24.18 -0.10 0.00	28.90 -0.11 0.00	28.17 0.09 0.00	21.50 0.20 0.00	20.71 0.34 0.00	19.34 0.51 0.00	18.64 0.55 0.00	18.64 0.47 0.00	18.39 0.33 0.00	18.15 0.23 0.00	19.35 0.13 0.00	24.09 -0.12 0.00	25.97 -0.10 0.00	28.48 -0.10 0.00	22.78 -0.10 0.00	18.97 -0.04 0.00	21.35 0.02 0.00
GELCKHM___115KV_LOAD 80723	18.31 -0.13 0.00	15.72 -0.12 0.00	13.29 -0.11 0.00	14.59 -0.11 0.00	12.54 -0.11 0.00	19.87 -0.12 0.00	18.29 -0.12 0.00	24.14 -0.14 0.00	28.78 -0.22 0.00	27.87 -0.21 0.00	21.15 -0.14 0.00	20.26 -0.12 0.00	18.75 -0.08 0.00	18.03 -0.06 0.00	18.10 -0.07 0.00	17.98 -0.09 0.00	17.81 -0.11 0.00	19.11 -0.11 0.00	24.08 -0.13 0.00	25.91 -0.15 0.00	28.42 -0.16 0.00	22.71 -0.16 0.00	18.88 -0.13 0.00	21.21 -0.12 0.00
GENERAL___MILLS 23808	18.39 -0.05 0.00	15.83 0.00 0.00	13.37 -0.03 0.00	14.77 0.07 0.00	12.58 -0.07 0.00	20.07 0.08 0.00	18.33 -0.08 0.00	24.15 -0.13 0.00	28.85 -0.15 0.00	28.13 0.05 0.00	21.47 0.17 0.00	20.68 0.30 0.00	19.31 0.48 0.00	18.60 0.51 0.00	18.60 0.43 0.00	18.35 0.29 0.00	18.11 0.19 0.00	19.31 0.10 0.00	24.04 -0.16 0.00	25.92 -0.14 0.00	28.43 -0.15 0.00	22.73 -0.14 0.00	18.94 -0.07 0.00	21.32 0.00 0.00
GE_PLASTICS___DRP 24183	18.69 0.24 0.00	16.06 0.23 0.00	13.63 0.23 0.00	14.91 0.20 0.00	12.85 0.20 0.00	20.21 0.22 0.00	18.62 0.21 0.00	24.53 0.25 0.00	29.24 0.23 0.00	28.31 0.23 0.00	21.50 0.20 0.00	20.54 0.17 0.00	18.98 0.14 0.00	18.24 0.14 0.00	18.33 0.16 0.00	18.25 0.18 0.00	18.13 0.21 0.00	19.51 0.29 0.00	24.63 0.43 0.00	26.51 0.44 0.00	29.05 0.47 0.00	23.21 0.34 0.00	19.29 0.28 0.00	21.61 0.28 0.00
GILBOA___1 23756	18.84 0.41 0.00	16.19 0.36 0.00	13.72 0.32 0.00	15.01 0.31 0.00	12.93 0.28 0.00	20.38 0.39 0.00	18.77 0.36 0.00	24.82 0.54 0.00	29.62 0.62 0.00	28.74 0.66 0.00	21.83 0.54 0.00	20.87 0.49 0.00	19.27 0.45 0.00	18.52 0.42 0.00	18.60 0.43 0.00	18.52 0.45 0.00	18.38 0.45 0.00	19.76 0.55 0.00	24.95 0.74 0.00	26.82 0.75 0.00	29.38 0.80 0.00	23.47 0.60 0.00	19.46 0.45 0.00	21.79 0.46 0.00
GILBOA___2 23757	18.84 0.41 0.00	16.19 0.36 0.00	13.72 0.32 0.00	15.01 0.31 0.00	12.93 0.28 0.00	20.38 0.39 0.00	18.77 0.36 0.00	24.82 0.54 0.00	29.62 0.62 0.00	28.74 0.66 0.00	21.83 0.54 0.00	20.87 0.49 0.00	19.27 0.45 0.00	18.52 0.42 0.00	18.60 0.43 0.00	18.52 0.45 0.00	18.38 0.45 0.00	19.76 0.55 0.00	24.95 0.74 0.00	26.82 0.75 0.00	29.38 0.80 0.00	23.47 0.60 0.00	19.46 0.45 0.00	21.79 0.46 0.00

GILBOA___3 23758	18.84 0.41 0.00	16.19 0.36 0.00	13.72 0.32 0.00	15.01 0.31 0.00	12.93 0.28 0.00	20.38 0.39 0.00	18.77 0.36 0.00	24.82 0.54 0.00	29.62 0.62 0.00	28.74 0.66 0.00	21.83 0.54 0.00	20.87 0.49 0.00	19.27 0.45 0.00	18.52 0.42 0.00	18.60 0.43 0.00	18.52 0.45 0.00	18.38 0.45 0.00	19.76 0.55 0.00	24.95 0.74 0.00	26.82 0.75 0.00	29.38 0.80 0.00	23.47 0.60 0.00	19.46 0.45 0.00	21.79 0.46 0.00
GILBOA___4 23759	18.84 0.41 0.00	16.19 0.36 0.00	13.72 0.32 0.00	15.01 0.31 0.00	12.93 0.28 0.00	20.38 0.39 0.00	18.77 0.36 0.00	24.82 0.54 0.00	29.62 0.62 0.00	28.74 0.66 0.00	21.83 0.54 0.00	20.87 0.49 0.00	19.27 0.45 0.00	18.52 0.42 0.00	18.60 0.43 0.00	18.52 0.45 0.00	18.38 0.45 0.00	19.76 0.55 0.00	24.95 0.74 0.00	26.82 0.75 0.00	29.38 0.80 0.00	23.47 0.60 0.00	19.46 0.45 0.00	21.79 0.46 0.00
GILBOA___ 23599	18.84 0.41 0.00	16.19 0.36 0.00	13.72 0.32 0.00	15.01 0.31 0.00	12.93 0.28 0.00	20.38 0.39 0.00	18.77 0.36 0.00	24.82 0.54 0.00	29.62 0.62 0.00	28.74 0.66 0.00	21.83 0.54 0.00	20.87 0.49 0.00	19.27 0.45 0.00	18.51 0.42 0.00	18.60 0.43 0.00	18.52 0.45 0.00	18.38 0.46 0.00	19.76 0.55 0.00	24.95 0.74 0.00	26.82 0.75 0.00	29.38 0.80 0.00	23.47 0.60 0.00	19.46 0.45 0.00	21.79 0.46 0.00
GINNA___ 23603	17.43 -1.01 0.00	14.96 -0.87 0.00	12.64 -0.75 0.00	13.92 -0.78 0.00	11.94 -0.71 0.00	19.01 -0.98 0.00	17.47 -0.94 0.00	22.98 -1.30 0.00	27.34 -1.66 0.00	26.52 -1.56 0.00	20.14 -1.15 0.00	19.36 -1.02 0.00	17.98 -0.85 0.00	17.31 -0.78 0.00	17.35 -0.82 0.00	17.22 -0.84 0.00	17.04 -0.89 0.00	18.25 -0.96 0.00	22.93 -1.28 0.00	24.71 -1.35 0.00	27.13 -1.45 0.00	21.66 -1.22 0.00	18.00 -1.01 0.00	20.21 -1.11 0.00
GLEN PARK___ 23778	18.84 0.40 0.00	16.14 0.30 0.00	13.63 0.23 0.00	14.97 0.27 0.00	12.88 0.24 0.00	20.46 0.47 0.00	18.86 0.45 0.00	24.69 0.41 0.00	28.86 -0.15 0.00	27.62 -0.46 0.00	21.02 -0.28 0.00	20.07 -0.30 0.00	18.51 -0.31 0.00	17.84 -0.25 0.00	17.79 -0.38 0.00	17.62 -0.44 0.00	17.51 -0.41 0.00	18.88 -0.34 0.00	24.36 0.15 0.00	26.51 0.44 0.00	29.47 0.90 0.00	23.60 0.72 0.00	19.42 0.41 0.00	21.69 0.36 0.00
GLENDALE_27_KV_LOAD 356172	19.55 1.11 0.00	16.76 0.92 0.00	14.17 0.77 0.00	15.48 0.78 0.00	13.32 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.80 1.52 0.00	30.88 1.87 0.00	30.15 2.07 0.00	22.95 1.65 0.00	21.94 1.56 0.00	20.26 1.44 0.00	19.45 1.36 0.00	19.55 1.38 0.00	19.47 1.41 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.00 1.93 0.00	30.63 2.05 0.00	24.44 1.56 0.00	20.23 1.22 0.00	22.62 1.29 0.00
GLENWOOD_IC_1_G5 23712	19.56 1.12 0.00	16.76 0.92 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.32 0.67 0.00	21.04 1.04 0.00	19.38 0.97 0.00	25.77 1.49 0.00	30.80 1.80 0.00	30.27 2.04 -0.16	25.50 1.66 -2.53	23.83 1.56 -1.90	20.94 1.39 -0.72	19.36 1.27 0.00	19.46 1.29 0.00	19.41 1.35 0.00	19.24 1.32 0.00	20.68 1.46 0.00	26.10 1.90 0.00	27.89 1.82 0.00	30.55 1.98 0.00	24.40 1.52 0.00	20.22 1.21 0.00	22.59 1.26 0.00
GLENWOOD_IC_2_G1 23688	19.48 1.04 0.00	16.70 0.86 0.00	14.12 0.73 0.00	15.43 0.72 0.00	13.28 0.63 0.00	20.97 0.97 0.00	19.31 0.90 0.00	25.67 1.39 0.00	30.68 1.67 0.00	30.05 1.89 -0.08	24.05 1.55 -1.21	22.71 1.43 -0.90	20.46 1.30 -0.34	19.28 1.18 0.00	19.38 1.21 0.00	19.32 1.26 0.00	19.15 1.23 0.00	20.59 1.38 0.00	26.00 1.79 0.00	27.80 1.73 0.00	30.45 1.87 0.00	24.31 1.44 0.00	20.14 1.14 0.00	22.51 1.18 0.00
GLENWOOD_IC_3_G1 23689	19.48 1.04 0.00	16.70 0.86 0.00	14.12 0.73 0.00	15.43 0.72 0.00	13.28 0.63 0.00	20.97 0.97 0.00	19.31 0.90 0.00	25.67 1.39 0.00	30.68 1.67 0.00	30.05 1.89 -0.08	24.05 1.55 -1.21	22.71 1.43 -0.90	20.46 1.30 -0.34	19.28 1.18 0.00	19.38 1.21 0.00	19.32 1.26 0.00	19.15 1.23 0.00	20.59 1.38 0.00	26.00 1.79 0.00	27.80 1.73 0.00	30.45 1.87 0.00	24.31 1.44 0.00	20.14 1.14 0.00	22.51 1.18 0.00
GLENWOOD___4 23550	19.56 1.12 0.00	16.76 0.92 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.32 0.67 0.00	21.04 1.04 0.00	19.38 0.97 0.00	25.77 1.49 0.00	30.80 1.80 0.00	30.27 2.04 -0.16	25.50 1.66 -2.53	23.83 1.56 -1.90	20.94 1.39 -0.72	19.36 1.27 0.00	19.46 1.29 0.00	19.41 1.35 0.00	19.24 1.32 0.00	20.68 1.46 0.00	26.10 1.90 0.00	27.89 1.82 0.00	30.55 1.98 0.00	24.40 1.52 0.00	20.22 1.21 0.00	22.59 1.26 0.00
GLENWOOD___5 23614	19.56 1.12 0.00	16.76 0.92 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.32 0.67 0.00	21.04 1.04 0.00	19.38 0.97 0.00	25.77 1.49 0.00	30.80 1.80 0.00	30.27 2.04 -0.16	25.50 1.66 -2.53	23.83 1.56 -1.90	20.94 1.39 -0.72	19.36 1.27 0.00	19.46 1.29 0.00	19.41 1.35 0.00	19.24 1.32 0.00	20.68 1.46 0.00	26.10 1.90 0.00	27.89 1.82 0.00	30.55 1.98 0.00	24.40 1.52 0.00	20.22 1.21 0.00	22.59 1.26 0.00
GLOBAL GREEN_PORT_GT1 23814	30.54 1.99 -10.11	27.81 1.65 -10.32	16.91 1.38 -2.13	18.49 1.44 -2.34	28.44 1.23 -14.57	43.38 1.98 -21.41	43.00 1.88 -22.71	28.54 2.71 -1.54	44.30 3.26 -12.04	33.94 3.56 -2.31	31.85 2.82 -7.73	23.99 2.59 -1.02	21.15 2.16 -0.16	20.00 1.91 0.00	20.09 1.92 0.00	20.11 2.04 0.00	19.90 1.98 0.00	21.40 2.18 0.00	27.10 2.90 0.00	28.98 2.91 0.00	31.84 3.26 0.00	25.48 2.55 -0.05	21.23 2.15 -0.07	23.60 2.27 0.00
GLOBE___DSASP 323697	17.74 -0.70 0.00	15.27 -0.56 0.00	12.90 -0.49 0.00	14.27 -0.43 0.00	12.15 -0.49 0.00	19.40 -0.59 0.00	17.70 -0.71 0.00	23.17 -1.11 0.00	27.49 -1.51 0.00	26.77 -1.31 0.00	20.48 -0.82 0.00	19.81 -0.57 0.00	18.51 -0.32 0.00	17.82 -0.27 0.00	17.81 -0.36 0.00	17.60 -0.47 0.00	17.34 -0.59 0.00	18.47 -0.75 0.00	22.95 -1.26 0.00	24.77 -1.29 0.00	27.16 -1.42 0.00	21.70 -1.17 0.00	18.14 -0.87 0.00	20.50 -0.82 0.00
GOETHSLN___LBMP 323567	19.42 0.98 0.00	16.65 0.82 0.00	14.08 0.68 0.00	15.37 0.67 0.00	13.24 0.59 0.00	20.89 0.90 0.00	19.23 0.82 0.00	25.58 1.29 0.00	30.60 1.60 0.00	29.91 1.83 0.00	22.77 1.47 0.00	21.77 1.40 0.00	20.11 1.29 0.00	19.30 1.21 0.00	19.40 1.23 0.00	19.33 1.27 0.00	19.19 1.27 0.00	20.63 1.42 0.00	25.98 1.78 0.00	27.79 1.72 0.00	30.39 1.82 0.00	24.26 1.38 0.00	20.07 1.06 0.00	22.45 1.12 0.00
GOLAH___69_KV_TB 1_2 80279	18.38 -0.06 0.00	15.80 -0.04 0.00	13.34 -0.06 0.00	14.71 0.01 0.00	12.59 -0.06 0.00	20.07 0.08 0.00	18.41 0.00 0.00	24.21 -0.07 0.00	28.79 -0.22 0.00	27.91 -0.17 0.00	21.21 -0.09 0.00	20.41 0.03 0.00	18.98 0.15 0.00	18.29 0.20 0.00	18.32 0.15 0.00	18.14 0.08 0.00	17.95 0.03 0.00	19.19 -0.02 0.00	24.09 -0.12 0.00	26.00 -0.07 0.00	28.55 -0.02 0.00	22.80 -0.08 0.00	18.97 -0.04 0.00	21.30 -0.03 0.00

GOODYEAR_LAKE_HYD 323669	19.20 0.76 0.00	16.46 0.63 0.00	13.91 0.51 0.00	15.25 0.55 0.00	13.11 0.47 0.00	20.81 0.82 0.00	19.18 0.77 0.00	25.34 1.06 0.00	30.20 1.20 0.00	29.28 1.21 0.00	22.25 0.95 0.00	21.29 0.91 0.00	19.72 0.89 0.00	18.94 0.85 0.00	19.03 0.86 0.00	18.95 0.89 0.00	18.79 0.87 0.00	20.20 0.98 0.00	25.44 1.24 0.00	27.35 1.28 0.00	29.93 1.36 0.00	23.90 1.02 0.00	19.79 0.79 0.00	22.17 0.85 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.68 0.24 0.00	16.04 0.21 0.00	13.56 0.17 0.00	14.90 0.20 0.00	12.78 0.13 0.00	20.27 0.28 0.00	18.60 0.19 0.00	24.64 0.36 0.00	29.41 0.40 0.00	28.54 0.46 0.00	21.70 0.41 0.00	20.79 0.42 0.00	19.27 0.45 0.00	18.53 0.44 0.00	18.61 0.44 0.00	18.47 0.40 0.00	18.30 0.38 0.00	19.65 0.44 0.00	24.69 0.48 0.00	26.53 0.46 0.00	29.03 0.46 0.00	23.17 0.29 0.00	19.25 0.23 0.00	21.58 0.25 0.00
GOUDEY___7 23579	18.70 0.26 0.00	16.06 0.22 0.00	13.58 0.18 0.00	14.91 0.20 0.00	12.79 0.14 0.00	20.28 0.29 0.00	18.61 0.20 0.00	24.66 0.38 0.00	29.44 0.43 0.00	28.57 0.49 0.00	21.72 0.43 0.00	20.81 0.44 0.00	19.29 0.46 0.00	18.55 0.45 0.00	18.63 0.46 0.00	18.48 0.42 0.00	18.32 0.40 0.00	19.67 0.46 0.00	24.71 0.50 0.00	26.55 0.49 0.00	29.06 0.48 0.00	23.19 0.31 0.00	19.26 0.25 0.00	21.60 0.27 0.00
GOUDEY___8 23580	18.68 0.24 0.00	16.04 0.21 0.00	13.56 0.17 0.00	14.90 0.20 0.00	12.78 0.13 0.00	20.27 0.28 0.00	18.60 0.19 0.00	24.64 0.36 0.00	29.41 0.40 0.00	28.54 0.46 0.00	21.70 0.41 0.00	20.79 0.42 0.00	19.27 0.45 0.00	18.53 0.44 0.00	18.61 0.44 0.00	18.47 0.40 0.00	18.30 0.38 0.00	19.65 0.44 0.00	24.69 0.48 0.00	26.53 0.46 0.00	29.03 0.46 0.00	23.17 0.29 0.00	19.25 0.23 0.00	21.58 0.25 0.00
GOWANUS_GT1_1 24077	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.03 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.64 0.00	21.92 1.55 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT1_2 24078	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.03 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.64 0.00	21.92 1.55 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT1_3 24079	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.03 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.64 0.00	21.92 1.55 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT1_4 24080	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.03 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.64 0.00	21.92 1.55 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT1_5 24084	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.03 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.64 0.00	21.92 1.55 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT1_6 24111	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.03 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.64 0.00	21.92 1.55 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT1_7 24112	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.03 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.64 0.00	21.92 1.55 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT1_8 24113	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.03 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.64 0.00	21.92 1.55 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT2_1 24114	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT2_2 24115	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT2_3 24116	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00

GOWANUS_GT2_4 24117	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT2_5 24118	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT2_6 24119	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT2_7 24120	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT2_8 24121	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT3_1 24122	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT3_2 24123	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT3_3 24124	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT3_4 24125	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT3_5 24126	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT3_6 24127	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT3_7 24128	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT3_8 24129	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT4_1 24130	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.03 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.64 0.00	21.92 1.55 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT4_2 24131	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.03 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.64 0.00	21.92 1.55 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00

GOWANUS_GT4_3 24132	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.03 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.64 0.00	21.92 1.55 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT4_4 24133	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.03 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.64 0.00	21.92 1.55 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT4_5 24134	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.03 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.64 0.00	21.92 1.55 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT4_6 24135	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.03 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.64 0.00	21.92 1.55 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT4_7 24136	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.03 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.64 0.00	21.92 1.55 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GOWANUS_GT4_8 24137	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.03 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.64 0.00	21.92 1.55 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GREENBSH_115KV_TB3 55895	18.60 0.16 0.00	15.99 0.16 0.00	13.59 0.19 0.00	14.84 0.14 0.00	12.81 0.16 0.00	20.11 0.12 0.00	18.53 0.12 0.00	24.38 0.10 0.00	29.05 0.04 0.00	28.12 0.04 0.00	21.35 0.05 0.00	20.41 0.04 0.00	18.85 0.02 0.00	18.12 0.03 0.00	18.21 0.04 0.00	18.15 0.08 0.00	18.03 0.11 0.00	19.39 0.18 0.00	24.50 0.29 0.00	26.36 0.29 0.00	28.89 0.31 0.00	23.07 0.20 0.00	19.19 0.18 0.00	21.51 0.18 0.00
GREENDGE_115KV_TB5 80291	18.55 0.11 0.00	15.91 0.07 0.00	13.43 0.04 0.00	14.78 0.08 0.00	12.66 0.02 0.00	20.13 0.14 0.00	18.48 0.08 0.00	24.51 0.23 0.00	29.12 0.11 0.00	28.23 0.14 0.00	21.45 0.15 0.00	20.57 0.19 0.00	19.11 0.28 0.00	18.38 0.29 0.00	18.45 0.28 0.00	18.28 0.21 0.00	18.08 0.16 0.00	19.45 0.24 0.00	24.46 0.25 0.00	26.43 0.36 0.00	28.85 0.28 0.00	23.06 0.18 0.00	19.12 0.11 0.00	21.43 0.10 0.00
GREENIDGE___3 23582	18.55 0.11 0.00	15.91 0.07 0.00	13.43 0.04 0.00	14.78 0.08 0.00	12.66 0.02 0.00	20.13 0.14 0.00	18.48 0.08 0.00	24.51 0.23 0.00	29.12 0.11 0.00	28.23 0.14 0.00	21.45 0.15 0.00	20.57 0.19 0.00	19.11 0.28 0.00	18.38 0.29 0.00	18.45 0.28 0.00	18.28 0.21 0.00	18.08 0.16 0.00	19.45 0.24 0.00	24.46 0.25 0.00	26.43 0.36 0.00	28.85 0.28 0.00	23.06 0.18 0.00	19.12 0.11 0.00	21.43 0.10 0.00
GREENIDGE___4 23583	18.55 0.11 0.00	15.91 0.07 0.00	13.43 0.04 0.00	14.78 0.08 0.00	12.66 0.02 0.00	20.13 0.14 0.00	18.48 0.08 0.00	24.51 0.23 0.00	29.12 0.11 0.00	28.23 0.15 0.00	21.45 0.15 0.00	20.58 0.20 0.00	19.11 0.28 0.00	18.38 0.29 0.00	18.45 0.28 0.00	18.28 0.21 0.00	18.08 0.16 0.00	19.45 0.24 0.00	24.46 0.25 0.00	26.43 0.36 0.00	28.85 0.28 0.00	23.06 0.18 0.00	19.12 0.11 0.00	21.43 0.10 0.00
GREENLWN_69_KV_BK 3 55738	16.78 1.19 2.85	13.89 0.97 2.91	13.57 0.78 0.60	14.81 0.77 0.66	9.23 0.69 4.11	15.04 1.09 6.04	13.01 1.00 6.41	25.36 1.51 0.43	27.42 1.81 3.40	29.61 2.13 0.59	21.77 1.78 1.31	22.33 1.59 -0.36	20.42 1.39 -0.20	19.33 1.24 0.00	19.41 1.24 0.00	19.40 1.34 0.00	19.17 1.25 0.00	20.55 1.33 0.00	25.97 1.76 0.00	27.68 1.62 0.00	30.36 1.78 0.00	24.26 1.40 0.01	20.21 1.23 0.02	22.59 1.27 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.03 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.64 0.00	21.92 1.55 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
GRISSOM___SOLAR 323813	20.71 2.27 0.00	17.66 1.83 0.00	14.88 1.48 0.00	16.32 1.61 0.00	14.05 1.41 0.00	22.49 2.50 0.00	20.83 2.42 0.00	27.30 3.01 0.00	31.88 2.87 0.00	29.74 1.67 0.00	22.25 0.96 0.00	20.68 0.31 0.00	19.24 0.41 0.00	18.19 0.10 0.00	18.23 0.06 0.00	18.39 0.33 0.00	18.99 1.07 0.00	20.58 1.37 0.00	26.32 2.12 0.00	29.45 3.38 0.00	32.45 3.87 0.00	25.80 2.92 0.00	21.35 2.34 0.00	23.94 2.61 0.00
GROVEVILLE___HYD 323602	19.56 1.12 0.00	16.78 0.95 0.00	14.19 0.80 0.00	15.52 0.81 0.00	13.35 0.71 0.00	21.10 1.10 0.00	19.46 1.05 0.00	25.84 1.56 0.00	30.84 1.83 0.00	29.99 1.91 0.00	22.80 1.50 0.00	21.77 1.39 0.00	20.10 1.27 0.00	19.29 1.20 0.00	19.40 1.23 0.00	19.34 1.28 0.00	19.23 1.31 0.00	20.73 1.52 0.00	26.20 2.00 0.00	28.13 2.06 0.00	30.80 2.22 0.00	24.56 1.69 0.00	20.29 1.28 0.00	22.66 1.33 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.42 -0.02 0.00	15.81 -0.02 0.00	13.37 -0.03 0.00	14.68 -0.03 0.00	12.62 -0.03 0.00	20.00 0.01 0.00	18.41 0.00 0.00	24.30 0.02 0.00	28.99 -0.02 0.00	28.06 -0.02 0.00	21.28 -0.01 0.00	20.38 0.00 0.00	18.86 0.04 0.00	18.14 0.05 0.00	18.21 0.04 0.00	18.10 0.04 0.00	17.94 0.02 0.00	19.24 0.03 0.00	24.26 0.05 0.00	26.11 0.04 0.00	28.63 0.05 0.00	22.88 0.00 0.00	19.01 0.00 0.00	21.35 0.03 0.00

HAMLTNNY_34_KV_TB 80303	18.42 -0.02 0.00	15.82 -0.02 0.00	13.38 -0.02 0.00	14.69 -0.02 0.00	12.62 -0.03 0.00	20.01 0.02 0.00	18.42 0.01 0.00	24.32 0.03 0.00	29.04 0.04 0.00	28.11 0.03 0.00	21.29 0.00 0.00	20.40 0.03 0.00	18.89 0.07 0.00	18.19 0.09 0.00	18.25 0.08 0.00	18.15 0.09 0.00	17.98 0.06 0.00	19.28 0.06 0.00	24.31 0.10 0.00	26.15 0.09 0.00	28.65 0.07 0.00	22.91 0.04 0.00	19.04 0.03 0.00	21.37 0.04 0.00
HAMPSHIRE___PAPER_HYD 323593	18.49 0.05 0.00	15.84 0.01 0.00	13.37 -0.02 0.00	14.72 0.01 0.00	12.65 0.00 0.00	20.07 0.08 0.00	18.50 0.09 0.00	24.33 0.04 0.00	28.80 -0.21 0.00	27.73 -0.35 0.00	21.13 -0.17 0.00	20.20 -0.17 0.00	18.59 -0.24 0.00	17.76 -0.34 0.00	17.70 -0.47 0.00	17.59 -0.48 0.00	17.48 -0.44 0.00	18.78 -0.44 0.00	23.87 -0.34 0.00	25.87 -0.20 0.00	28.56 -0.02 0.00	22.97 0.10 0.00	19.09 0.08 0.00	21.34 0.02 0.00
HARDSCRABBLE_WT_PWR 323673	18.47 0.03 0.00	15.85 0.02 0.00	13.39 0.00 0.00	14.61 -0.09 0.00	12.58 -0.06 0.00	19.88 -0.11 0.00	18.33 -0.08 0.00	24.18 -0.10 0.00	28.79 -0.22 0.00	27.55 -0.53 0.00	20.86 -0.44 0.00	19.90 -0.48 0.00	18.35 -0.47 0.00	17.64 -0.45 0.00	17.71 -0.45 0.00	17.74 -0.32 0.00	17.72 -0.20 0.00	19.10 -0.11 0.00	24.18 -0.03 0.00	26.06 -0.01 0.00	28.49 -0.08 0.00	22.73 -0.14 0.00	18.84 -0.17 0.00	21.08 -0.25 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.35 0.91 0.00	16.60 0.77 0.00	14.04 0.65 0.00	15.34 0.64 0.00	13.20 0.56 0.00	20.86 0.87 0.00	19.23 0.82 0.00	25.54 1.25 0.00	30.50 1.49 0.00	29.69 1.61 0.00	22.61 1.31 0.00	21.61 1.23 0.00	19.96 1.13 0.00	19.16 1.07 0.00	19.28 1.11 0.00	19.20 1.14 0.00	19.07 1.15 0.00	20.55 1.33 0.00	25.95 1.74 0.00	27.83 1.76 0.00	30.45 1.88 0.00	24.28 1.41 0.00	20.05 1.05 0.00	22.43 1.10 0.00
HARSNRAD_115KV_TB1 81005	18.07 -0.37 0.00	15.56 -0.27 0.00	13.15 -0.25 0.00	14.54 -0.17 0.00	12.38 -0.26 0.00	19.77 -0.22 0.00	18.05 -0.36 0.00	23.62 -0.66 0.00	28.17 -0.84 0.00	27.42 -0.66 0.00	20.91 -0.38 0.00	20.15 -0.22 0.00	18.82 -0.01 0.00	18.15 0.05 0.00	18.12 -0.05 0.00	17.90 -0.16 0.00	17.66 -0.26 0.00	18.82 -0.39 0.00	23.44 -0.77 0.00	25.31 -0.76 0.00	27.81 -0.77 0.00	22.25 -0.63 0.00	18.56 -0.45 0.00	20.89 -0.43 0.00
HARZA MOOSE___RIVER 24016	18.88 0.44 0.00	16.18 0.35 0.00	13.68 0.28 0.00	15.01 0.31 0.00	12.92 0.27 0.00	20.48 0.49 0.00	18.87 0.46 0.00	24.82 0.54 0.00	29.35 0.35 0.00	28.23 0.15 0.00	21.45 0.15 0.00	20.50 0.13 0.00	18.95 0.12 0.00	18.19 0.10 0.00	18.23 0.05 0.00	18.10 0.04 0.00	18.00 0.08 0.00	19.36 0.15 0.00	24.66 0.46 0.00	26.68 0.61 0.00	29.37 0.79 0.00	23.50 0.63 0.00	19.41 0.40 0.00	21.66 0.33 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	18.32 -0.11 0.00	15.73 -0.11 0.00	13.30 -0.09 0.00	14.60 -0.10 0.00	12.55 -0.10 0.00	19.88 -0.11 0.00	18.30 -0.11 0.00	24.16 -0.12 0.00	28.81 -0.20 0.00	27.89 -0.19 0.00	21.18 -0.11 0.00	20.29 -0.08 0.00	18.79 -0.04 0.00	18.07 -0.03 0.00	18.14 -0.04 0.00	18.01 -0.05 0.00	17.85 -0.07 0.00	19.14 -0.07 0.00	24.11 -0.10 0.00	25.95 -0.11 0.00	28.46 -0.12 0.00	22.74 -0.13 0.00	18.90 -0.11 0.00	21.23 -0.10 0.00
HELLGATE_13_KV_LD 55870	19.47 1.02 0.00	16.69 0.86 0.00	14.12 0.72 0.00	15.42 0.72 0.00	13.27 0.62 0.00	20.94 0.94 0.00	19.28 0.87 0.00	25.68 1.39 0.00	30.71 1.71 0.00	29.99 1.91 0.00	22.83 1.53 0.00	21.82 1.44 0.00	20.16 1.33 0.00	19.34 1.25 0.00	19.44 1.27 0.00	19.37 1.30 0.00	19.23 1.31 0.00	20.67 1.46 0.00	26.03 1.82 0.00	27.85 1.78 0.00	30.47 1.89 0.00	24.31 1.44 0.00	20.13 1.12 0.00	22.52 1.19 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.47 1.02 0.00	16.69 0.86 0.00	14.12 0.72 0.00	15.42 0.72 0.00	13.27 0.62 0.00	20.94 0.94 0.00	19.28 0.87 0.00	25.68 1.39 0.00	30.71 1.71 0.00	29.99 1.91 0.00	22.83 1.53 0.00	21.82 1.44 0.00	20.16 1.33 0.00	19.34 1.25 0.00	19.44 1.27 0.00	19.37 1.30 0.00	19.23 1.31 0.00	20.67 1.46 0.00	26.03 1.82 0.00	27.85 1.78 0.00	30.47 1.89 0.00	24.31 1.44 0.00	20.13 1.12 0.00	22.52 1.19 0.00
HEMPSTEAD___ 23647	19.51 1.07 0.00	16.71 0.87 0.00	14.12 0.72 0.00	15.42 0.72 0.00	13.27 0.63 0.00	20.97 0.98 0.00	19.32 0.91 0.00	25.70 1.42 0.00	30.71 1.70 0.00	30.24 1.98 -0.18	25.80 1.63 -2.88	24.05 1.51 -2.16	20.99 1.35 -0.81	19.29 1.20 0.00	19.38 1.21 0.00	19.34 1.28 0.00	19.15 1.23 0.00	20.57 1.36 0.00	26.00 1.79 0.00	27.73 1.67 0.00	30.41 1.84 0.00	24.29 1.41 0.00	20.17 1.16 0.00	22.53 1.20 0.00
HEWLETT_69_KV_BK3 55828	19.68 1.24 0.00	16.85 1.01 0.00	14.23 0.84 0.00	15.54 0.84 0.00	13.37 0.72 0.00	21.15 1.16 0.00	19.47 1.07 0.00	25.89 1.61 0.00	30.94 1.93 0.00	30.99 2.22 -0.69	34.09 1.81 -10.98	30.32 1.69 -8.25	23.45 1.52 -3.11	19.45 1.36 0.00	19.53 1.36 0.00	19.51 1.44 0.00	19.31 1.39 0.00	20.74 1.52 0.00	26.21 2.01 0.00	27.97 1.91 0.00	30.68 2.11 0.00	24.49 1.62 0.00	20.34 1.33 0.00	22.71 1.39 0.00
HICKLING___1 23621	18.91 0.47 0.00	16.22 0.39 0.00	13.72 0.32 0.00	15.07 0.37 0.00	12.91 0.26 0.00	20.53 0.53 0.00	18.78 0.38 0.00	25.04 0.75 0.00	29.86 0.85 0.00	28.99 0.91 0.00	21.95 0.65 0.00	20.95 0.57 0.00	19.48 0.65 0.00	18.74 0.64 0.00	18.81 0.64 0.00	18.60 0.54 0.00	18.40 0.48 0.00	19.74 0.53 0.00	24.79 0.58 0.00	26.65 0.58 0.00	29.13 0.56 0.00	23.18 0.30 0.00	19.24 0.23 0.00	21.57 0.24 0.00
HICKLING___2 23622	18.91 0.47 0.00	16.22 0.39 0.00	13.72 0.32 0.00	15.07 0.37 0.00	12.91 0.26 0.00	20.53 0.53 0.00	18.78 0.38 0.00	25.04 0.75 0.00	29.86 0.85 0.00	28.99 0.91 0.00	21.95 0.65 0.00	20.95 0.57 0.00	19.48 0.65 0.00	18.74 0.64 0.00	18.81 0.64 0.00	18.60 0.54 0.00	18.40 0.48 0.00	19.74 0.53 0.00	24.79 0.58 0.00	26.65 0.58 0.00	29.13 0.56 0.00	23.18 0.30 0.00	19.24 0.23 0.00	21.57 0.24 0.00
HIGH FALLS___HY 23754	19.70 1.26 0.00	16.89 1.05 0.00	14.27 0.88 0.00	15.61 0.90 0.00	13.43 0.79 0.00	21.27 1.28 0.00	19.61 1.21 0.00	26.08 1.80 0.00	31.09 2.09 0.00	30.28 2.21 0.00	22.88 1.58 0.00	21.73 1.36 0.00	20.04 1.21 0.00	19.18 1.09 0.00	19.21 1.04 0.00	19.15 1.09 0.00	19.01 1.09 0.00	20.56 1.34 0.00	26.06 1.85 0.00	27.99 1.93 0.00	30.68 2.10 0.00	24.45 1.57 0.00	20.17 1.16 0.00	22.52 1.19 0.00
HILLBURN___GT 23639	19.32 0.88 0.00	16.59 0.76 0.00	14.03 0.63 0.00	15.33 0.62 0.00	13.19 0.54 0.00	20.85 0.86 0.00	19.21 0.80 0.00	25.52 1.24 0.00	30.50 1.50 0.00	29.72 1.64 0.00	22.64 1.35 0.00	21.62 1.25 0.00	19.98 1.15 0.00	19.18 1.09 0.00	19.29 1.12 0.00	19.22 1.15 0.00	19.08 1.16 0.00	20.54 1.33 0.00	25.93 1.72 0.00	27.78 1.72 0.00	30.40 1.82 0.00	24.25 1.37 0.00	20.02 1.01 0.00	22.39 1.06 0.00

HILLSIDE_115KV_TB1 80332	18.54 0.09 0.00	15.91 0.08 0.00	13.46 0.07 0.00	14.79 0.09 0.00	12.66 0.01 0.00	20.11 0.11 0.00	18.38 -0.03 0.00	24.49 0.21 0.00	29.25 0.24 0.00	28.43 0.35 0.00	21.64 0.35 0.00	20.76 0.39 0.00	19.29 0.46 0.00	18.55 0.46 0.00	18.63 0.46 0.00	18.42 0.36 0.00	18.22 0.30 0.00	19.56 0.34 0.00	24.48 0.28 0.00	26.26 0.19 0.00	28.69 0.12 0.00	22.87 0.00 0.00	19.02 0.01 0.00	21.33 0.00 0.00
HISHELDN_WT_PWR 323625	18.22 -0.22 0.00	15.66 -0.18 0.00	13.20 -0.19 0.00	14.60 -0.10 0.00	12.43 -0.21 0.00	19.81 -0.18 0.00	18.07 -0.33 0.00	23.87 -0.41 0.00	28.60 -0.41 0.00	27.93 -0.14 0.00	21.35 0.05 0.00	20.59 0.22 0.00	19.20 0.37 0.00	18.49 0.39 0.00	18.49 0.32 0.00	18.25 0.18 0.00	17.98 0.06 0.00	19.17 -0.05 0.00	23.90 -0.30 0.00	25.79 -0.27 0.00	28.29 -0.29 0.00	22.57 -0.31 0.00	18.74 -0.27 0.00	21.13 -0.19 0.00
HOLTSVILLE_IC_1 23690	29.93 1.36 -10.14	27.31 1.11 -10.36	16.48 0.94 -2.14	18.01 0.95 -2.35	28.07 0.80 -14.62	42.74 1.26 -21.48	42.37 1.17 -22.79	27.59 1.76 -1.55	43.15 2.07 -12.08	32.79 2.39 -2.31	31.02 1.98 -7.74	23.24 1.86 -1.02	20.60 1.61 -0.16	19.51 1.42 0.00	19.58 1.41 0.00	19.59 1.52 0.00	19.33 1.41 0.00	20.71 1.49 0.00	26.20 1.99 0.00	27.96 1.89 0.00	30.66 2.09 0.00	24.57 1.64 -0.05	20.51 1.43 -0.07	22.85 1.52 0.00
HOLTSVILLE_IC_10 23699	30.48 1.45 -10.59	27.84 1.18 -10.82	16.63 1.00 -2.24	18.17 1.01 -2.46	28.77 0.86 -15.27	43.79 1.35 -22.44	43.47 1.25 -23.81	27.77 1.87 -1.62	43.85 2.22 -12.62	33.05 2.55 -2.42	31.50 2.10 -8.11	23.41 1.96 -1.08	20.69 1.69 -0.17	19.57 1.48 0.00	19.64 1.47 0.00	19.66 1.60 0.00	19.40 1.48 0.00	20.79 1.57 0.00	26.30 2.10 0.00	28.08 2.02 0.00	30.81 2.23 0.00	24.68 1.76 -0.05	20.61 1.53 -0.08	22.94 1.62 0.00
HOLTSVILLE_IC_2 23691	29.93 1.36 -10.14	27.31 1.11 -10.36	16.48 0.94 -2.14	18.01 0.95 -2.35	28.07 0.80 -14.62	42.74 1.26 -21.48	42.37 1.17 -22.79	27.59 1.76 -1.55	43.15 2.07 -12.08	32.79 2.39 -2.31	31.02 1.98 -7.74	23.24 1.86 -1.02	20.60 1.61 -0.16	19.51 1.42 0.00	19.58 1.41 0.00	19.59 1.52 0.00	19.33 1.41 0.00	20.71 1.49 0.00	26.20 1.99 0.00	27.96 1.89 0.00	30.66 2.09 0.00	24.57 1.64 -0.05	20.51 1.43 -0.07	22.85 1.52 0.00
HOLTSVILLE_IC_3 23692	29.93 1.36 -10.14	27.31 1.11 -10.36	16.48 0.94 -2.14	18.01 0.95 -2.35	28.07 0.80 -14.62	42.74 1.26 -21.48	42.37 1.17 -22.79	27.59 1.76 -1.55	43.15 2.07 -12.08	32.79 2.39 -2.31	31.02 1.98 -7.74	23.24 1.86 -1.02	20.60 1.61 -0.16	19.51 1.42 0.00	19.58 1.41 0.00	19.59 1.52 0.00	19.33 1.41 0.00	20.71 1.49 0.00	26.20 1.99 0.00	27.96 1.89 0.00	30.66 2.09 0.00	24.57 1.64 -0.05	20.51 1.43 -0.07	22.85 1.52 0.00
HOLTSVILLE_IC_4 23693	29.93 1.36 -10.14	27.31 1.11 -10.36	16.48 0.94 -2.14	18.01 0.95 -2.35	28.07 0.80 -14.62	42.74 1.26 -21.48	42.37 1.17 -22.79	27.59 1.76 -1.55	43.15 2.07 -12.08	32.79 2.39 -2.31	31.02 1.98 -7.74	23.24 1.86 -1.02	20.60 1.61 -0.16	19.51 1.42 0.00	19.58 1.41 0.00	19.59 1.52 0.00	19.33 1.41 0.00	20.71 1.49 0.00	26.20 1.99 0.00	27.96 1.89 0.00	30.66 2.09 0.00	24.57 1.64 -0.05	20.51 1.43 -0.07	22.85 1.52 0.00
HOLTSVILLE_IC_5 23694	29.93 1.36 -10.14	27.31 1.11 -10.36	16.48 0.94 -2.14	18.01 0.95 -2.35	28.07 0.80 -14.62	42.74 1.26 -21.48	42.37 1.17 -22.79	27.59 1.76 -1.55	43.15 2.07 -12.08	32.79 2.39 -2.31	31.02 1.98 -7.74	23.24 1.86 -1.02	20.60 1.61 -0.16	19.51 1.42 0.00	19.58 1.41 0.00	19.59 1.52 0.00	19.33 1.41 0.00	20.71 1.49 0.00	26.20 1.99 0.00	27.96 1.89 0.00	30.66 2.09 0.00	24.57 1.64 -0.05	20.51 1.43 -0.07	22.85 1.52 0.00
HOLTSVILLE_IC_6 23695	30.48 1.45 -10.59	27.84 1.18 -10.82	16.63 1.00 -2.24	18.17 1.01 -2.46	28.77 0.86 -15.27	43.79 1.35 -22.44	43.47 1.25 -23.81	27.77 1.87 -1.62	43.85 2.22 -12.62	33.05 2.55 -2.42	31.50 2.10 -8.11	23.41 1.96 -1.08	20.69 1.69 -0.17	19.57 1.48 0.00	19.64 1.47 0.00	19.66 1.60 0.00	19.40 1.48 0.00	20.79 1.57 0.00	26.30 2.10 0.00	28.08 2.02 0.00	30.81 2.23 0.00	24.68 1.76 -0.05	20.61 1.53 -0.08	22.94 1.62 0.00
HOLTSVILLE_IC_7 23696	30.48 1.45 -10.59	27.84 1.18 -10.82	16.63 1.00 -2.24	18.17 1.01 -2.46	28.77 0.86 -15.27	43.79 1.35 -22.44	43.47 1.25 -23.81	27.77 1.87 -1.62	43.85 2.22 -12.62	33.05 2.55 -2.42	31.50 2.10 -8.11	23.41 1.96 -1.08	20.69 1.69 -0.17	19.57 1.48 0.00	19.64 1.47 0.00	19.66 1.60 0.00	19.40 1.48 0.00	20.79 1.57 0.00	26.30 2.10 0.00	28.08 2.02 0.00	30.81 2.23 0.00	24.68 1.76 -0.05	20.61 1.53 -0.08	22.94 1.62 0.00
HOLTSVILLE_IC_8 23697	30.48 1.45 -10.59	27.84 1.18 -10.82	16.63 1.00 -2.24	18.17 1.01 -2.46	28.77 0.86 -15.27	43.79 1.35 -22.44	43.47 1.25 -23.81	27.77 1.87 -1.62	43.85 2.22 -12.62	33.05 2.55 -2.42	31.50 2.10 -8.11	23.41 1.96 -1.08	20.69 1.69 -0.17	19.57 1.48 0.00	19.64 1.47 0.00	19.66 1.60 0.00	19.40 1.48 0.00	20.79 1.57 0.00	26.30 2.10 0.00	28.08 2.02 0.00	30.81 2.23 0.00	24.68 1.76 -0.05	20.61 1.53 -0.08	22.94 1.62 0.00
HOLTSVILLE_IC_9 23698	30.48 1.45 -10.59	27.84 1.18 -10.82	16.63 1.00 -2.24	18.17 1.01 -2.46	28.77 0.86 -15.27	43.79 1.35 -22.44	43.47 1.25 -23.81	27.77 1.87 -1.62	43.85 2.22 -12.62	33.05 2.55 -2.42	31.50 2.10 -8.11	23.41 1.96 -1.08	20.69 1.69 -0.17	19.57 1.48 0.00	19.64 1.47 0.00	19.66 1.60 0.00	19.40 1.48 0.00	20.79 1.57 0.00	26.30 2.10 0.00	28.08 2.02 0.00	30.81 2.23 0.00	24.68 1.76 -0.05	20.61 1.53 -0.08	22.94 1.62 0.00
HOMER_HL_115KV_TB2 355744	19.04 0.60 0.00	16.39 0.56 0.00	13.82 0.42 0.00	15.28 0.58 0.00	13.05 0.40 0.00	20.80 0.81 0.00	18.99 0.58 0.00	25.24 0.95 0.00	30.23 1.23 0.00	29.39 1.31 0.00	22.31 1.01 0.00	21.45 1.07 0.00	19.92 1.09 0.00	19.16 1.06 0.00	19.17 1.00 0.00	18.95 0.88 0.00	18.71 0.79 0.00	19.98 0.77 0.00	24.92 0.71 0.00	26.78 0.72 0.00	29.29 0.72 0.00	23.33 0.46 0.00	19.53 0.52 0.00	22.03 0.70 0.00
HOWARD_WT_PWR 323690	18.38 -0.06 0.00	15.78 -0.06 0.00	13.23 -0.17 0.00	14.65 -0.05 0.00	12.48 -0.17 0.00	19.72 -0.27 0.00	17.99 -0.42 0.00	24.04 -0.24 0.00	28.92 -0.09 0.00	28.33 0.25 0.00	21.70 0.40 0.00	20.92 0.54 0.00	19.51 0.68 0.00	18.76 0.67 0.00	18.74 0.57 0.00	18.50 0.44 0.00	18.20 0.28 0.00	19.41 0.20 0.00	24.30 0.09 0.00	26.27 0.21 0.00	28.82 0.24 0.00	22.88 0.01 0.00	18.93 -0.08 0.00	21.23 -0.09 0.00
HQ_GEN_CEDARS 23644	18.40 -0.05 0.00	15.77 -0.07 0.00	13.31 -0.09 0.00	14.67 -0.03 0.00	12.61 -0.03 0.00	19.98 -0.02 0.00	18.42 0.01 0.00	24.27 -0.02 0.00	29.02 0.01 0.00	28.05 -0.03 0.00	21.27 -0.03 0.00	20.34 -0.03 0.00	18.74 -0.08 0.00	17.96 -0.13 0.00	18.00 -0.17 0.00	17.90 -0.17 0.00	17.76 -0.16 0.00	19.00 -0.22 0.00	23.88 -0.33 0.00	25.78 -0.29 0.00	28.33 -0.25 0.00	22.79 -0.09 0.00	19.01 0.00 0.00	21.31 -0.01 0.00

HQ_GEN_CEDARS_PROXY 323590	18.40 -0.05 0.00	15.77 -0.07 0.00	13.31 -0.08 0.00	14.67 -0.03 0.00	12.61 -0.03 0.00	19.98 -0.02 0.00	18.42 0.01 0.00	24.27 -0.02 0.00	29.02 0.01 0.00	28.05 -0.03 0.00	21.27 -0.03 0.00	20.34 -0.03 0.00	18.74 -0.08 0.00	17.96 -0.13 0.00	18.00 -0.17 0.00	17.90 -0.17 0.00	17.76 -0.16 0.00	19.00 -0.22 0.00	23.88 -0.33 0.00	25.78 -0.29 0.00	28.33 -0.25 0.00	22.79 -0.09 0.00	19.01 0.00 0.00	21.66 -0.01 -0.34
HQ_GEN_IMPORT 323601	18.41 -0.03 0.00	15.80 -0.04 0.00	13.35 -0.05 0.00	14.68 -0.02 0.00	12.63 -0.02 0.00	19.98 -0.01 0.00	18.40 -0.01 0.00	24.25 -0.04 0.00	29.03 0.02 0.00	28.08 0.00 0.00	21.18 -0.03 0.08	20.35 -0.03 0.00	18.79 -0.04 0.00	18.05 -0.05 0.00	18.13 -0.04 0.00	17.87 -0.05 0.15	17.88 -0.04 0.00	19.12 -0.09 0.00	24.05 -0.16 0.00	25.92 -0.14 0.00	28.43 -0.14 0.00	22.81 -0.07 0.00	18.98 -0.03 0.00	21.29 -0.04 0.00
HQ_GEN_WHEEL 23651	18.41 -0.03 0.00	15.80 -0.04 0.00	13.35 -0.05 0.00	14.68 -0.02 0.00	12.63 -0.02 0.00	19.98 -0.01 0.00	18.40 -0.01 0.00	24.25 -0.04 0.00	29.03 0.02 0.00	28.08 0.00 0.00	21.18 -0.03 0.08	20.35 -0.03 0.00	18.79 -0.04 0.00	18.05 -0.05 0.00	18.13 -0.04 0.00	17.87 -0.05 0.15	17.88 -0.04 0.00	19.12 -0.09 0.00	24.05 -0.16 0.00	25.92 -0.14 0.00	28.43 -0.14 0.00	22.81 -0.07 0.00	18.98 -0.03 0.00	21.29 -0.04 0.00
HUDSON_AVE_GT_3 23810	19.51 1.07 0.00	16.73 0.90 0.00	14.15 0.75 0.00	15.46 0.76 0.00	13.31 0.66 0.00	20.99 1.00 0.00	19.33 0.92 0.00	25.72 1.44 0.00	30.78 1.77 0.00	30.07 2.00 0.00	22.90 1.60 0.00	21.89 1.52 0.00	20.22 1.39 0.00	19.40 1.31 0.00	19.50 1.33 0.00	19.43 1.37 0.00	19.29 1.37 0.00	20.73 1.51 0.00	26.11 1.91 0.00	27.92 1.86 0.00	30.55 1.98 0.00	24.37 1.50 0.00	20.18 1.17 0.00	22.56 1.23 0.00
HUDSON_AVE_GT_4 23540	19.51 1.07 0.00	16.73 0.90 0.00	14.15 0.75 0.00	15.46 0.76 0.00	13.31 0.66 0.00	20.99 1.00 0.00	19.33 0.92 0.00	25.72 1.44 0.00	30.78 1.77 0.00	30.07 2.00 0.00	22.90 1.60 0.00	21.89 1.52 0.00	20.22 1.39 0.00	19.40 1.31 0.00	19.50 1.33 0.00	19.43 1.37 0.00	19.29 1.37 0.00	20.73 1.51 0.00	26.11 1.91 0.00	27.92 1.86 0.00	30.55 1.98 0.00	24.37 1.50 0.00	20.18 1.17 0.00	22.56 1.23 0.00
HUDSON_AVE_GT_5 23657	19.51 1.07 0.00	16.73 0.90 0.00	14.15 0.75 0.00	15.46 0.76 0.00	13.31 0.66 0.00	20.99 1.00 0.00	19.33 0.92 0.00	25.72 1.44 0.00	30.78 1.77 0.00	30.07 2.00 0.00	22.90 1.60 0.00	21.89 1.52 0.00	20.22 1.39 0.00	19.40 1.31 0.00	19.50 1.33 0.00	19.43 1.37 0.00	19.29 1.37 0.00	20.73 1.51 0.00	26.11 1.91 0.00	27.92 1.86 0.00	30.55 1.98 0.00	24.37 1.50 0.00	20.18 1.17 0.00	22.56 1.23 0.00
HUDSON_AVE_10 24168	19.45 1.01 0.00	16.68 0.84 0.00	14.11 0.72 0.00	15.42 0.72 0.00	13.27 0.62 0.00	20.92 0.93 0.00	19.26 0.86 0.00	25.65 1.37 0.00	30.69 1.69 0.00	29.99 1.91 0.00	22.82 1.52 0.00	21.82 1.44 0.00	20.15 1.32 0.00	19.33 1.24 0.00	19.43 1.26 0.00	19.36 1.30 0.00	19.22 1.30 0.00	20.64 1.44 0.01	26.00 1.80 0.00	27.82 1.75 0.00	30.43 1.86 0.00	24.28 1.41 0.00	20.11 1.11 0.00	22.50 1.17 0.00
HUDSON___115KV_TB 4 355613	18.91 0.46 0.00	16.26 0.42 0.00	13.80 0.40 0.00	15.08 0.38 0.00	13.01 0.37 0.00	20.46 0.47 0.00	18.88 0.47 0.00	24.83 0.54 0.00	29.44 0.43 0.00	28.33 0.25 0.00	21.46 0.16 0.00	20.48 0.10 0.00	18.90 0.07 0.00	18.20 0.11 0.00	18.27 0.10 0.00	18.19 0.12 0.00	18.17 0.25 0.00	19.66 0.44 0.00	24.90 0.69 0.00	26.89 0.83 0.00	29.50 0.92 0.00	23.56 0.69 0.00	19.58 0.57 0.00	21.91 0.58 0.00
HUNTER MOUNT___DRP 323613	18.94 0.50 0.00	16.29 0.46 0.00	13.83 0.44 0.00	15.13 0.43 0.00	13.05 0.41 0.00	20.53 0.54 0.00	18.95 0.54 0.00	24.88 0.59 0.00	29.45 0.45 0.00	28.27 0.20 0.00	21.41 0.11 0.00	20.41 0.03 0.00	18.82 0.00 0.00	18.11 0.02 0.00	18.20 0.03 0.00	18.12 0.06 0.00	18.14 0.22 0.00	19.65 0.44 0.00	24.93 0.72 0.00	26.96 0.89 0.00	29.59 1.02 0.00	23.64 0.77 0.00	19.64 0.64 0.00	21.97 0.65 0.00
HUNTINGTON_RES_REC 323705	11.37 1.36 8.43	8.33 1.11 8.62	12.53 0.92 1.78	13.67 0.93 1.96	1.26 0.77 12.16	3.34 1.22 17.87	0.58 1.14 18.96	24.73 1.74 1.29	21.03 2.07 10.05	28.61 2.38 1.85	17.97 1.98 5.31	22.19 1.82 0.00	20.58 1.57 -0.18	19.47 1.38 0.00	19.55 1.38 0.00	19.57 1.51 0.00	19.32 1.40 0.00	20.70 1.48 0.00	26.18 1.98 0.00	27.94 1.87 0.00	30.66 2.08 0.00	24.46 1.63 0.04	20.37 1.42 0.06	22.82 1.50 0.00
HUNTLEY___63 23557	18.21 -0.23 0.00	15.68 -0.15 0.00	13.25 -0.15 0.00	14.64 -0.07 0.00	12.47 -0.17 0.00	19.91 -0.08 0.00	18.19 -0.22 0.00	23.85 -0.43 0.00	28.41 -0.60 0.00	27.68 -0.40 0.00	21.15 -0.14 0.00	20.41 0.03 0.00	19.06 0.23 0.00	18.36 0.27 0.00	18.36 0.19 0.00	18.12 0.06 0.00	17.87 -0.05 0.00	19.05 -0.17 0.00	23.70 -0.51 0.00	25.57 -0.49 0.00	28.06 -0.52 0.00	22.43 -0.44 0.00	18.71 -0.30 0.00	21.07 -0.25 0.00
HUNTLEY___64 23558	18.21 -0.23 0.00	15.68 -0.15 0.00	13.25 -0.15 0.00	14.64 -0.07 0.00	12.47 -0.17 0.00	19.91 -0.08 0.00	18.19 -0.22 0.00	23.85 -0.43 0.00	28.41 -0.60 0.00	27.68 -0.40 0.00	21.15 -0.14 0.00	20.41 0.03 0.00	19.06 0.23 0.00	18.36 0.27 0.00	18.36 0.19 0.00	18.12 0.06 0.00	17.87 -0.05 0.00	19.05 -0.17 0.00	23.70 -0.51 0.00	25.57 -0.49 0.00	28.06 -0.52 0.00	22.43 -0.44 0.00	18.71 -0.30 0.00	21.07 -0.25 0.00
HUNTLEY___65 23559	18.21 -0.23 0.00	15.68 -0.15 0.00	13.25 -0.15 0.00	14.64 -0.07 0.00	12.47 -0.17 0.00	19.91 -0.08 0.00	18.19 -0.22 0.00	23.85 -0.43 0.00	28.41 -0.60 0.00	27.68 -0.40 0.00	21.15 -0.14 0.00	20.41 0.03 0.00	19.06 0.23 0.00	18.36 0.27 0.00	18.36 0.19 0.00	18.12 0.06 0.00	17.87 -0.05 0.00	19.05 -0.17 0.00	23.70 -0.51 0.00	25.57 -0.49 0.00	28.06 -0.52 0.00	22.43 -0.44 0.00	18.71 -0.30 0.00	21.07 -0.25 0.00
HUNTLEY___66 23560	18.21 -0.23 0.00	15.68 -0.15 0.00	13.25 -0.15 0.00	14.64 -0.07 0.00	12.47 -0.17 0.00	19.91 -0.08 0.00	18.19 -0.22 0.00	23.85 -0.43 0.00	28.41 -0.60 0.00	27.68 -0.40 0.00	21.15 -0.14 0.00	20.41 0.03 0.00	19.06 0.23 0.00	18.36 0.27 0.00	18.36 0.19 0.00	18.12 0.06 0.00	17.87 -0.05 0.00	19.05 -0.17 0.00	23.70 -0.51 0.00	25.57 -0.49 0.00	28.06 -0.52 0.00	22.43 -0.44 0.00	18.71 -0.30 0.00	21.07 -0.25 0.00
HUNTLEY___67 23561	18.12 -0.32 0.00	15.60 -0.23 0.00	13.17 -0.22 0.00	14.56 -0.14 0.00	12.40 -0.25 0.00	19.80 -0.19 0.00	18.07 -0.34 0.00	23.75 -0.54 0.00	28.34 -0.66 0.00	27.61 -0.47 0.00	21.06 -0.23 0.00	20.31 -0.06 0.00	18.96 0.13 0.00	18.27 0.18 0.00	18.26 0.09 0.00	18.03 -0.04 0.00	17.79 -0.13 0.00	18.95 -0.26 0.00	23.59 -0.62 0.00	25.45 -0.62 0.00	27.93 -0.65 0.00	22.33 -0.54 0.00	18.64 -0.37 0.00	20.99 -0.33 0.00

HUNTLEY___68 23562	18.12 -0.32 0.00	15.60 -0.23 0.00	13.17 -0.22 0.00	14.56 -0.14 0.00	12.40 -0.25 0.00	19.80 -0.19 0.00	18.07 -0.34 0.00	23.75 -0.54 0.00	28.34 -0.66 0.00	27.61 -0.47 0.00	21.06 -0.23 0.00	20.31 -0.06 0.00	18.96 0.13 0.00	18.27 0.18 0.00	18.26 0.09 0.00	18.03 -0.04 0.00	17.79 -0.13 0.00	18.95 -0.26 0.00	23.59 -0.62 0.00	25.45 -0.62 0.00	27.93 -0.65 0.00	22.33 -0.54 0.00	18.64 -0.37 0.00	20.99 -0.33 0.00
HYLAND___LFGE 323620	18.88 0.44 0.00	16.19 0.35 0.00	13.64 0.24 0.00	15.06 0.35 0.00	12.86 0.22 0.00	20.50 0.51 0.00	18.82 0.41 0.00	24.79 0.50 0.00	29.05 0.05 0.00	28.06 -0.01 0.00	21.39 0.09 0.00	20.59 0.21 0.00	19.19 0.36 0.00	18.47 0.37 0.00	18.49 0.33 0.00	18.32 0.25 0.00	18.10 0.17 0.00	19.47 0.26 0.00	24.51 0.30 0.00	26.88 0.82 0.00	29.76 1.19 0.00	23.70 0.82 0.00	19.59 0.58 0.00	21.92 0.60 0.00
INDECK___CORINTH 23802	18.89 0.45 0.00	16.25 0.42 0.00	13.81 0.42 0.00	15.13 0.43 0.00	13.03 0.39 0.00	20.50 0.51 0.00	19.02 0.61 0.00	25.18 0.90 0.00	29.89 0.88 0.00	28.69 0.61 0.00	21.86 0.56 0.00	20.82 0.44 0.00	19.01 0.18 0.00	18.28 0.19 0.00	18.40 0.23 0.00	18.34 0.28 0.00	18.28 0.36 0.00	19.83 0.62 0.00	25.22 1.02 0.00	27.22 1.15 0.00	29.86 1.28 0.00	23.79 0.92 0.00	19.65 0.63 0.00	21.85 0.52 0.00
INDECK___ILION 23567	18.50 0.06 0.00	15.89 0.06 0.00	13.44 0.05 0.00	14.72 0.02 0.00	12.67 0.02 0.00	20.01 0.02 0.00	18.44 0.04 0.00	24.35 0.06 0.00	28.98 -0.02 0.00	27.92 -0.16 0.00	21.16 -0.14 0.00	20.20 -0.17 0.00	18.64 -0.19 0.00	17.91 -0.19 0.00	17.98 -0.18 0.00	17.96 -0.11 0.00	17.89 -0.03 0.00	19.25 0.04 0.00	24.33 0.12 0.00	26.24 0.17 0.00	28.75 0.17 0.00	22.97 0.10 0.00	19.05 0.04 0.00	21.31 -0.01 0.00
INDECK___OLEAN 23982	19.04 0.60 0.00	16.39 0.56 0.00	13.82 0.42 0.00	15.28 0.58 0.00	13.05 0.40 0.00	20.80 0.81 0.00	18.99 0.58 0.00	25.23 0.95 0.00	30.23 1.23 0.00	29.39 1.31 0.00	22.30 1.00 0.00	21.46 1.09 0.00	19.92 1.09 0.00	19.16 1.06 0.00	19.16 1.00 0.00	18.95 0.88 0.00	18.71 0.79 0.00	19.98 0.77 0.00	24.92 0.71 0.00	26.78 0.72 0.00	29.29 0.72 0.00	23.33 0.46 0.00	19.53 0.52 0.00	22.03 0.70 0.00
INDECK___OSWEGO 23783	18.12 -0.32 0.00	15.56 -0.28 0.00	13.17 -0.23 0.00	14.45 -0.26 0.00	12.42 -0.23 0.00	19.66 -0.33 0.00	18.09 -0.31 0.00	23.86 -0.42 0.00	28.42 -0.59 0.00	27.50 -0.57 0.00	20.88 -0.42 0.00	19.99 -0.38 0.00	18.50 -0.33 0.00	17.79 -0.31 0.00	17.84 -0.33 0.00	17.71 -0.35 0.00	17.55 -0.37 0.00	18.82 -0.40 0.00	23.73 -0.47 0.00	25.57 -0.49 0.00	28.07 -0.51 0.00	22.44 -0.43 0.00	18.66 -0.35 0.00	20.98 -0.35 0.00
INDECK___YERKES 23781	18.23 -0.21 0.00	15.70 -0.13 0.00	13.26 -0.13 0.00	14.65 -0.05 0.00	12.48 -0.16 0.00	19.94 -0.06 0.00	18.21 -0.20 0.00	23.88 -0.41 0.00	28.44 -0.57 0.00	27.71 -0.36 0.00	21.17 -0.12 0.00	20.46 0.08 0.00	19.08 0.26 0.00	18.38 0.29 0.00	18.38 0.22 0.00	18.15 0.08 0.00	17.89 -0.03 0.00	19.07 -0.15 0.00	23.73 -0.47 0.00	25.60 -0.47 0.00	28.09 -0.48 0.00	22.46 -0.41 0.00	18.73 -0.28 0.00	21.10 -0.23 0.00
INDIAN POINT_GT_1 24139	19.37 0.93 0.00	16.62 0.79 0.00	14.07 0.67 0.00	15.37 0.67 0.00	13.23 0.58 0.00	20.87 0.88 0.00	19.22 0.82 0.00	25.56 1.27 0.00	30.55 1.54 0.00	29.78 1.70 0.00	22.66 1.37 0.00	21.65 1.27 0.00	19.99 1.16 0.00	19.18 1.09 0.00	19.28 1.12 0.00	19.21 1.14 0.00	19.07 1.15 0.00	20.52 1.30 0.00	25.90 1.69 0.00	27.75 1.68 0.00	30.37 1.80 0.00	24.23 1.36 0.00	20.05 1.04 0.00	22.41 1.09 0.00
INDIAN POINT_GT_2 23659	19.37 0.93 0.00	16.62 0.79 0.00	14.07 0.67 0.00	15.37 0.67 0.00	13.23 0.58 0.00	20.87 0.88 0.00	19.22 0.82 0.00	25.56 1.27 0.00	30.55 1.54 0.00	29.78 1.70 0.00	22.66 1.37 0.00	21.65 1.27 0.00	19.99 1.16 0.00	19.18 1.09 0.00	19.28 1.12 0.00	19.21 1.14 0.00	19.07 1.15 0.00	20.52 1.30 0.00	25.90 1.69 0.00	27.75 1.68 0.00	30.37 1.80 0.00	24.23 1.36 0.00	20.05 1.04 0.00	22.41 1.09 0.00
INDIAN POINT_GT_3 24019	19.37 0.93 0.00	16.62 0.79 0.00	14.07 0.67 0.00	15.37 0.67 0.00	13.23 0.58 0.00	20.87 0.88 0.00	19.22 0.82 0.00	25.56 1.27 0.00	30.55 1.54 0.00	29.78 1.70 0.00	22.66 1.37 0.00	21.65 1.27 0.00	19.99 1.16 0.00	19.18 1.09 0.00	19.28 1.12 0.00	19.21 1.14 0.00	19.07 1.15 0.00	20.52 1.30 0.00	25.90 1.69 0.00	27.75 1.68 0.00	30.37 1.80 0.00	24.23 1.36 0.00	20.05 1.04 0.00	22.41 1.09 0.00
INDIAN POINT___2 23530	19.39 0.95 0.00	16.64 0.80 0.00	14.08 0.69 0.00	15.39 0.68 0.00	13.24 0.60 0.00	20.89 0.90 0.00	19.24 0.84 0.00	25.58 1.30 0.00	30.58 1.57 0.00	29.82 1.74 0.00	22.69 1.40 0.00	21.67 1.30 0.00	20.01 1.19 0.00	19.21 1.12 0.00	19.31 1.14 0.00	19.24 1.17 0.00	19.09 1.17 0.00	20.54 1.33 0.00	25.92 1.72 0.00	27.77 1.70 0.00	30.39 1.82 0.00	24.25 1.38 0.00	20.07 1.06 0.00	22.43 1.11 0.00
INDIAN POINT___3 23531	19.31 0.87 0.00	16.58 0.74 0.00	14.03 0.63 0.00	15.33 0.62 0.00	13.19 0.55 0.00	20.82 0.83 0.00	19.19 0.78 0.00	25.49 1.21 0.00	30.46 1.45 0.00	29.68 1.60 0.00	22.59 1.29 0.00	21.58 1.20 0.00	19.93 1.10 0.00	19.13 1.03 0.00	19.23 1.07 0.00	19.16 1.09 0.00	19.01 1.09 0.00	20.46 1.25 0.00	25.84 1.63 0.00	27.69 1.62 0.00	30.31 1.73 0.00	24.18 1.30 0.00	19.99 0.98 0.00	22.36 1.03 0.00
INGHAM_C_115KV_TB7 356103	18.43 -0.01 0.00	15.84 0.01 0.00	13.39 0.00 0.00	14.63 -0.08 0.00	12.59 -0.05 0.00	19.88 -0.11 0.00	18.34 -0.06 0.00	24.21 -0.08 0.00	28.74 -0.26 0.00	27.46 -0.62 0.00	20.77 -0.53 0.00	19.78 -0.60 0.00	18.21 -0.62 0.00	17.48 -0.61 0.00	17.56 -0.61 0.00	17.64 -0.43 0.00	17.67 -0.25 0.00	19.08 -0.13 0.00	24.20 0.00 0.00	26.16 0.10 0.00	28.67 0.09 0.00	22.88 0.01 0.00	18.95 -0.07 0.00	21.13 -0.19 0.00
IP CORINTH___1 23988	18.89 0.44 0.00	16.25 0.42 0.00	13.81 0.42 0.00	15.13 0.43 0.00	13.03 0.39 0.00	20.50 0.51 0.00	19.02 0.61 0.00	25.18 0.90 0.00	29.89 0.88 0.00	28.69 0.61 0.00	21.85 0.56 0.00	20.82 0.44 0.00	19.01 0.18 0.00	18.28 0.19 0.00	18.40 0.23 0.00	18.34 0.28 0.00	18.28 0.36 0.00	19.83 0.62 0.00	25.22 1.02 0.00	27.22 1.15 0.00	29.86 1.28 0.00	23.79 0.92 0.00	19.65 0.63 0.00	21.85 0.52 0.00
IP___TICONDEROGA 23804	19.47 1.02 0.00	16.82 0.98 0.00	14.39 0.99 0.00	15.78 1.08 0.00	13.58 0.93 0.00	21.21 1.22 0.00	19.90 1.50 0.00	26.48 2.20 0.00	31.15 2.14 0.00	29.67 1.59 0.00	22.38 1.08 0.00	21.23 0.86 0.00	19.37 0.54 0.00	18.70 0.61 0.00	18.86 0.69 0.00	18.80 0.73 0.00	18.70 0.78 0.00	20.49 1.28 0.00	26.36 2.15 0.00	28.49 2.43 0.00	31.38 2.80 0.00	24.92 2.04 0.00	20.38 1.37 0.00	22.37 1.04 0.00

ISLIP_RES_REC 323679	29.55 1.51 -9.59	26.87 1.23 -9.80	16.46 1.04 -2.03	17.98 1.06 -2.23	27.38 0.90 -13.83	41.74 1.42 -20.33	41.30 1.33 -21.57	27.71 1.96 -1.47	42.80 2.35 -11.43	32.97 2.69 -2.20	30.94 2.21 -7.43	23.47 2.06 -1.04	20.78 1.77 -0.18	19.64 1.54 0.00	19.70 1.53 0.00	19.71 1.65 0.00	19.46 1.53 0.00	20.85 1.64 0.00	26.40 2.19 0.00	28.18 2.12 0.00	30.93 2.35 0.00	24.77 1.85 -0.05	20.68 1.60 -0.07	23.02 1.69 0.00
JAMAICA__27_KV_LOAD 355505	19.56 1.12 0.00	16.77 0.93 0.00	14.19 0.80 0.00	15.50 0.80 0.00	13.34 0.70 0.00	21.01 1.02 0.00	19.34 0.94 0.00	25.81 1.53 0.00	30.90 1.90 0.00	30.16 2.08 0.00	22.93 1.63 0.00	21.92 1.55 0.00	20.24 1.41 0.00	19.42 1.33 0.00	19.51 1.35 0.00	19.44 1.37 0.00	19.29 1.37 0.00	20.70 1.49 0.01	26.08 1.87 0.00	27.92 1.85 0.00	30.52 1.95 0.00	24.36 1.49 0.00	20.22 1.22 0.00	22.63 1.30 0.00
JANIS____SOLAR 323808	19.18 0.73 0.00	16.46 0.63 0.00	13.89 0.50 0.00	15.26 0.56 0.00	13.11 0.46 0.00	20.82 0.82 0.00	19.16 0.75 0.00	25.15 0.87 0.00	29.78 0.78 0.00	28.60 0.52 0.00	21.62 0.32 0.00	20.67 0.30 0.00	19.18 0.35 0.00	18.46 0.36 0.00	18.53 0.36 0.00	18.52 0.46 0.00	18.49 0.57 0.00	19.93 0.71 0.00	25.09 0.88 0.00	27.19 1.12 0.00	29.90 1.33 0.00	23.87 1.00 0.00	19.73 0.72 0.00	21.99 0.66 0.00
JARVIS____ 23743	18.49 0.06 0.00	15.88 0.05 0.00	13.45 0.05 0.00	14.74 0.04 0.00	12.68 0.04 0.00	20.03 0.04 0.00	18.44 0.04 0.00	24.35 0.07 0.00	29.06 0.05 0.00	28.11 0.04 0.00	21.34 0.04 0.00	20.41 0.04 0.00	18.86 0.04 0.00	18.12 0.03 0.00	18.21 0.04 0.00	18.10 0.04 0.00	17.97 0.05 0.00	19.29 0.07 0.00	24.34 0.13 0.00	26.20 0.14 0.00	28.71 0.14 0.00	22.96 0.08 0.00	19.06 0.05 0.00	21.37 0.04 0.00
JENNISON___1 23625	19.21 0.77 0.00	16.53 0.69 0.00	13.94 0.54 0.00	15.31 0.60 0.00	13.15 0.51 0.00	20.86 0.87 0.00	19.18 0.77 0.00	25.05 0.77 0.00	29.76 0.75 0.00	28.95 0.87 0.00	22.06 0.76 0.00	21.11 0.74 0.00	19.58 0.75 0.00	18.81 0.72 0.00	18.87 0.70 0.00	18.78 0.71 0.00	18.69 0.77 0.00	20.12 0.91 0.00	25.22 1.01 0.00	27.07 1.00 0.00	29.70 1.12 0.00	23.73 0.85 0.00	19.63 0.62 0.00	21.82 0.50 0.00
JENNISON___2 23626	19.21 0.77 0.00	16.53 0.69 0.00	13.94 0.54 0.00	15.31 0.60 0.00	13.15 0.51 0.00	20.86 0.87 0.00	19.18 0.77 0.00	25.05 0.77 0.00	29.76 0.75 0.00	28.95 0.87 0.00	22.06 0.76 0.00	21.11 0.74 0.00	19.58 0.75 0.00	18.81 0.72 0.00	18.87 0.70 0.00	18.78 0.71 0.00	18.69 0.77 0.00	20.12 0.91 0.00	25.22 1.01 0.00	27.07 1.00 0.00	29.70 1.12 0.00	23.73 0.85 0.00	19.63 0.62 0.00	21.82 0.50 0.00
JERICHO_RISE_WT_PWR 323719	18.79 0.35 0.00	16.12 0.28 0.00	13.60 0.20 0.00	15.01 0.31 0.00	12.95 0.31 0.00	20.45 0.46 0.00	18.90 0.49 0.00	25.01 0.72 0.00	29.91 0.90 0.00	28.89 0.81 0.00	21.78 0.48 0.00	20.74 0.37 0.00	19.09 0.26 0.00	18.27 0.17 0.00	18.32 0.15 0.00	18.18 0.12 0.00	18.00 0.08 0.00	19.19 -0.03 0.00	24.08 -0.13 0.00	26.11 0.05 0.00	28.62 0.04 0.00	22.91 0.04 0.00	19.13 0.12 0.00	21.47 0.14 0.00
KATONAH___115KV_46KV_TB4 355592	19.41 0.97 0.00	16.66 0.83 0.00	14.10 0.70 0.00	15.41 0.70 0.00	13.26 0.62 0.00	20.92 0.93 0.00	19.30 0.89 0.00	25.64 1.35 0.00	30.64 1.64 0.00	29.86 1.78 0.00	22.71 1.41 0.00	21.69 1.32 0.00	20.02 1.20 0.00	19.22 1.13 0.00	19.32 1.15 0.00	19.25 1.19 0.00	19.11 1.19 0.00	20.57 1.35 0.00	25.97 1.76 0.00	27.85 1.78 0.00	30.48 1.91 0.00	24.31 1.44 0.00	20.11 1.10 0.00	22.47 1.14 0.00
KCE_NY_1 323755	19.03 0.59 0.00	16.38 0.54 0.00	13.90 0.50 0.00	15.23 0.52 0.00	13.11 0.47 0.00	20.66 0.67 0.00	19.08 0.67 0.00	25.24 0.95 0.00	29.97 0.96 0.00	28.86 0.79 0.00	21.90 0.60 0.00	20.89 0.51 0.00	19.21 0.38 0.00	18.47 0.37 0.00	18.57 0.40 0.00	18.49 0.43 0.00	18.43 0.52 0.00	19.93 0.72 0.00	25.26 1.06 0.00	27.24 1.17 0.00	29.83 1.25 0.00	23.82 0.95 0.00	19.72 0.71 0.00	22.02 0.70 0.00
KCE_NY_6_ESR 323823	18.39 -0.05 0.00	15.84 0.01 0.00	13.37 -0.02 0.00	14.78 0.08 0.00	12.59 -0.06 0.00	20.09 0.10 0.00	18.34 -0.07 0.00	24.18 -0.10 0.00	28.88 -0.13 0.00	28.17 0.09 0.00	21.48 0.19 0.00	20.71 0.34 0.00	19.32 0.49 0.00	18.62 0.52 0.00	18.61 0.44 0.00	18.35 0.29 0.00	18.13 0.21 0.00	19.33 0.12 0.00	24.07 -0.14 0.00	25.95 -0.12 0.00	28.45 -0.13 0.00	22.75 -0.12 0.00	18.95 -0.06 0.00	21.33 0.00 0.00
KEDC_PORT_JEFF_GT2 24210	31.52 1.40 -11.68	28.92 1.15 -11.93	16.83 0.97 -2.47	18.39 0.98 -2.71	30.31 0.83 -16.84	46.04 1.30 -24.75	45.85 1.19 -26.25	27.83 1.77 -1.79	45.01 2.08 -13.92	33.15 2.41 -2.66	32.15 1.99 -8.86	23.36 1.86 -1.13	20.63 1.63 -0.17	19.54 1.45 0.00	19.61 1.44 0.00	19.63 1.56 0.00	19.35 1.43 0.00	20.69 1.48 0.00	26.11 1.90 0.00	27.88 1.81 0.00	30.58 2.01 0.00	24.51 1.58 -0.06	20.52 1.43 -0.08	22.85 1.52 0.00
KEDC_PORT_JEFF_GT3 24211	31.52 1.40 -11.68	28.92 1.15 -11.93	16.83 0.97 -2.47	18.39 0.98 -2.71	30.31 0.83 -16.84	46.04 1.30 -24.75	45.85 1.19 -26.25	27.83 1.77 -1.79	45.01 2.08 -13.92	33.15 2.41 -2.66	32.15 1.99 -8.86	23.36 1.86 -1.13	20.63 1.63 -0.17	19.54 1.45 0.00	19.61 1.44 0.00	19.63 1.56 0.00	19.35 1.43 0.00	20.69 1.48 0.00	26.11 1.90 0.00	27.88 1.81 0.00	30.58 2.01 0.00	24.51 1.58 -0.06	20.52 1.43 -0.08	22.85 1.52 0.00
KEDC_GLWD_GT4 24219	19.56 1.12 0.00	16.76 0.92 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.32 0.67 0.00	21.03 1.04 0.00	19.38 0.97 0.00	25.77 1.49 0.00	30.80 1.80 0.00	30.28 2.04 -0.16	25.50 1.67 -2.53	23.82 1.55 -1.90	20.94 1.39 -0.72	19.36 1.27 0.00	19.46 1.29 0.00	19.41 1.35 0.00	19.24 1.32 0.00	20.68 1.46 0.00	26.10 1.90 0.00	27.89 1.82 0.00	30.55 1.98 0.00	24.40 1.52 0.00	20.22 1.21 0.00	22.59 1.26 0.00
KEDC_GLWD_GT5 24220	19.56 1.12 0.00	16.76 0.92 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.32 0.67 0.00	21.03 1.04 0.00	19.38 0.97 0.00	25.77 1.49 0.00	30.80 1.80 0.00	30.28 2.04 -0.16	25.50 1.67 -2.53	23.82 1.55 -1.90	20.94 1.39 -0.72	19.36 1.27 0.00	19.46 1.29 0.00	19.41 1.35 0.00	19.24 1.32 0.00	20.68 1.46 0.00	26.10 1.90 0.00	27.89 1.82 0.00	30.55 1.98 0.00	24.40 1.52 0.00	20.22 1.21 0.00	22.59 1.26 0.00
KENSICO____ 23655	19.39 0.95 0.00	16.64 0.80 0.00	14.08 0.69 0.00	15.39 0.68 0.00	13.24 0.60 0.00	20.89 0.90 0.00	19.24 0.84 0.00	25.58 1.30 0.00	30.58 1.58 0.00	29.82 1.74 0.00	22.69 1.39 0.00	21.68 1.30 0.00	20.01 1.18 0.00	19.21 1.11 0.00	19.31 1.14 0.00	19.24 1.17 0.00	19.09 1.17 0.00	20.54 1.32 0.00	25.92 1.72 0.00	27.77 1.70 0.00	30.39 1.82 0.00	24.25 1.38 0.00	20.07 1.06 0.00	22.43 1.11 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.75 1.31 0.00	16.93 1.10 0.00	14.32 0.92 0.00	15.66 0.96 0.00	13.47 0.83 0.00	21.34 1.35 0.00	19.68 1.27 0.00	26.13 1.85 0.00	31.13 2.12 0.00	30.28 2.20 0.00	22.81 1.51 0.00	21.65 1.28 0.00	19.96 1.13 0.00	19.08 0.98 0.00	19.10 0.94 0.00	19.05 0.98 0.00	18.91 0.99 0.00	20.46 1.25 0.00	25.97 1.77 0.00	27.92 1.85 0.00	30.61 2.03 0.00	24.40 1.52 0.00	20.13 1.12 0.00	22.48 1.15 0.00
KIAC_JFK_GT1 23816	19.44 0.99 0.00	16.66 0.83 0.00	14.12 0.73 0.00	15.43 0.72 0.00	13.28 0.63 0.00	20.89 0.89 0.00	19.23 0.83 0.00	25.65 1.37 0.00	30.71 1.70 0.00	30.00 1.92 0.00	22.81 1.51 0.00	21.80 1.42 0.00	20.13 1.30 0.00	19.32 1.23 0.00	19.41 1.25 0.00	19.34 1.28 0.00	19.16 1.24 0.00	20.51 1.30 0.01	25.83 1.63 0.00	27.65 1.58 0.00	30.23 1.66 0.00	24.13 1.25 0.00	20.10 1.09 0.00	22.51 1.19 0.00
KIAC_JFK_GT2 23817	19.44 0.99 0.00	16.66 0.83 0.00	14.12 0.73 0.00	15.43 0.72 0.00	13.28 0.63 0.00	20.89 0.89 0.00	19.23 0.83 0.00	25.65 1.37 0.00	30.71 1.70 0.00	30.00 1.92 0.00	22.81 1.51 0.00	21.80 1.42 0.00	20.13 1.30 0.00	19.32 1.23 0.00	19.41 1.25 0.00	19.34 1.28 0.00	19.16 1.24 0.00	20.51 1.30 0.01	25.83 1.63 0.00	27.65 1.58 0.00	30.23 1.66 0.00	24.13 1.25 0.00	20.10 1.09 0.00	22.51 1.19 0.00
KIAC_JFK____ 323774	19.44 1.00 0.00	16.66 0.83 0.00	14.12 0.73 0.00	15.43 0.72 0.00	13.28 0.63 0.00	20.89 0.90 0.00	19.23 0.83 0.00	25.65 1.37 0.00	30.71 1.70 0.00	30.00 1.92 0.00	22.81 1.51 0.00	21.79 1.42 0.00	20.13 1.30 0.00	19.32 1.23 0.00	19.41 1.25 0.00	19.34 1.27 0.00	19.16 1.24 0.00	20.51 1.30 0.01	25.83 1.63 0.00	27.65 1.58 0.00	30.23 1.65 0.00	24.13 1.25 0.00	20.10 1.09 0.00	22.51 1.18 0.00
KINTIGH____ 23543	17.99 -0.45 0.00	15.48 -0.36 0.00	13.07 -0.32 0.00	14.44 -0.27 0.00	12.33 -0.32 0.00	19.65 -0.34 0.00	17.97 -0.43 0.00	23.61 -0.67 0.00	28.15 -0.85 0.00	27.37 -0.70 0.00	20.85 -0.45 0.00	20.07 -0.30 0.00	18.71 -0.12 0.00	18.02 -0.07 0.00	18.03 -0.14 0.00	17.83 -0.23 0.00	17.60 -0.32 0.00	18.78 -0.44 0.00	23.44 -0.77 0.00	25.29 -0.78 0.00	27.76 -0.82 0.00	22.18 -0.69 0.00	18.50 -0.51 0.00	20.83 -0.50 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	19.25 0.82 0.00	16.56 0.73 0.00	13.98 0.59 0.00	15.40 0.70 0.00	13.33 0.68 0.00	21.02 1.02 0.00	19.50 1.09 0.00	25.86 1.57 0.00	30.80 1.80 0.00	29.74 1.66 0.00	22.36 1.06 0.00	21.23 0.85 0.00	19.49 0.66 0.00	18.64 0.55 0.00	18.66 0.49 0.00	18.54 0.47 0.00	18.33 0.41 0.00	19.56 0.34 0.00	24.55 0.34 0.00	26.71 0.64 0.00	29.28 0.70 0.00	23.36 0.49 0.00	19.47 0.46 0.00	21.80 0.48 0.00
LACHUTE____HYDRO 323717	19.47 1.02 0.00	16.82 0.98 0.00	14.39 0.99 0.00	15.78 1.08 0.00	13.58 0.93 0.00	21.21 1.22 0.00	19.90 1.50 0.00	26.48 2.20 0.00	31.15 2.14 0.00	29.67 1.59 0.00	22.37 1.08 0.00	21.23 0.86 0.00	19.37 0.54 0.00	18.70 0.61 0.00	18.86 0.69 0.00	18.80 0.73 0.00	18.70 0.78 0.00	20.49 1.28 0.00	26.36 2.15 0.00	28.49 2.43 0.00	31.38 2.80 0.00	24.92 2.04 0.00	20.38 1.37 0.00	22.37 1.04 0.00
LAWRNCALV_115KV_TB1 80681	18.25 -0.19 0.00	15.63 -0.20 0.00	13.19 -0.20 0.00	14.54 -0.16 0.00	12.50 -0.15 0.00	19.81 -0.19 0.00	18.27 -0.14 0.00	24.07 -0.21 0.00	28.72 -0.29 0.00	27.77 -0.31 0.00	21.17 -0.13 0.00	20.23 -0.14 0.00	18.58 -0.25 0.00	17.69 -0.40 0.00	17.64 -0.53 0.00	17.54 -0.53 0.00	17.42 -0.50 0.00	18.65 -0.57 0.00	23.48 -0.72 0.00	25.41 -0.66 0.00	27.97 -0.60 0.00	22.60 -0.28 0.00	18.93 -0.08 0.00	21.21 -0.12 0.00
LEDERLE____ 23769	19.37 0.94 0.00	16.64 0.80 0.00	14.07 0.67 0.00	15.37 0.66 0.00	13.22 0.58 0.00	20.90 0.91 0.00	19.26 0.85 0.00	25.60 1.31 0.00	30.59 1.59 0.00	29.80 1.72 0.00	22.71 1.41 0.00	21.69 1.31 0.00	20.03 1.21 0.00	19.23 1.14 0.00	19.34 1.17 0.00	19.27 1.21 0.00	19.13 1.21 0.00	20.60 1.39 0.00	26.00 1.79 0.00	27.86 1.80 0.00	30.49 1.91 0.00	24.31 1.44 0.00	20.08 1.07 0.00	22.45 1.13 0.00
LIGHTHSE_115KV_TB6 355974	18.39 -0.05 0.00	15.78 -0.06 0.00	13.34 -0.06 0.00	14.64 -0.06 0.00	12.59 -0.06 0.00	19.93 -0.06 0.00	18.33 -0.08 0.00	24.13 -0.15 0.00	28.59 -0.42 0.00	27.57 -0.51 0.00	20.97 -0.32 0.00	20.08 -0.29 0.00	18.57 -0.25 0.00	17.87 -0.23 0.00	17.87 -0.30 0.00	17.73 -0.34 0.00	17.56 -0.36 0.00	18.87 -0.35 0.00	23.97 -0.23 0.00	25.90 -0.17 0.00	28.56 -0.02 0.00	22.87 -0.01 0.00	18.94 -0.07 0.00	21.25 -0.08 0.00
LINDEN COGEN____ 23786	19.41 0.97 0.00	16.65 0.81 0.00	14.07 0.68 0.00	15.37 0.67 0.00	13.23 0.59 0.00	20.88 0.89 0.00	19.22 0.82 0.00	25.57 1.29 0.00	30.58 1.58 0.00	29.89 1.81 0.00	22.77 1.47 0.00	21.75 1.38 0.00	20.11 1.28 0.00	19.30 1.20 0.00	19.39 1.22 0.00	19.33 1.27 0.00	19.19 1.26 0.00	20.62 1.41 0.00	25.97 1.77 0.00	27.78 1.71 0.00	30.37 1.80 0.00	24.24 1.37 0.00	20.06 1.05 0.00	22.44 1.11 0.00
LINDHRST_69_KV_BK1 356055	20.53 1.34 -0.75	17.68 1.09 -0.76	14.47 0.91 -0.16	15.79 0.92 -0.17	14.50 0.78 -1.08	22.82 1.25 -1.59	21.26 1.17 -1.68	26.17 1.77 -0.11	32.01 2.12 -0.89	30.76 2.42 -0.26	25.21 1.97 -1.94	23.34 1.87 -1.10	20.86 1.63 -0.40	19.51 1.42 0.00	19.57 1.40 0.00	19.56 1.49 0.00	19.34 1.41 0.00	20.77 1.56 0.00	26.28 2.07 0.00	28.03 1.97 0.00	30.78 2.21 0.00	24.60 1.72 0.00	20.48 1.46 -0.01	22.85 1.53 0.00
LIPA_MISC_IPP 23656	30.05 1.50 -10.11	27.39 1.23 -10.32	16.57 1.04 -2.13	18.11 1.06 -2.34	28.11 0.90 -14.57	42.83 1.42 -21.41	42.45 1.33 -22.71	27.79 1.97 -1.54	43.38 2.34 -12.04	33.04 2.65 -2.31	31.18 2.16 -7.72	23.42 2.03 -1.02	20.71 1.72 -0.16	19.60 1.51 0.00	19.67 1.50 0.00	19.68 1.62 0.00	19.44 1.52 0.00	20.85 1.63 0.00	26.40 2.19 0.00	28.19 2.12 0.00	30.94 2.36 0.00	24.78 1.86 -0.05	20.68 1.60 -0.07	23.02 1.70 0.00
LISF____SOLAR 323691	30.19 1.54 -10.20	27.53 1.27 -10.43	16.62 1.06 -2.16	18.16 1.09 -2.37	28.28 0.92 -14.71	43.08 1.47 -21.62	42.72 1.37 -22.94	27.86 2.02 -1.56	43.57 2.41 -12.16	33.13 2.72 -2.33	31.32 2.22 -7.80	23.47 2.06 -1.03	20.74 1.75 -0.17	19.62 1.52 0.00	19.68 1.51 0.00	19.70 1.64 0.00	19.46 1.54 0.00	20.88 1.66 0.00	26.45 2.24 0.00	28.25 2.18 0.00	31.01 2.43 0.00	24.84 1.92 -0.05	20.73 1.65 -0.07	23.07 1.74 0.00
LITTLE FALLS____HYD 24013	18.43 -0.01 0.00	15.84 0.01 0.00	13.39 0.00 0.00	14.63 -0.08 0.00	12.59 -0.05 0.00	19.88 -0.11 0.00	18.34 -0.06 0.00	24.21 -0.08 0.00	28.74 -0.26 0.00	27.46 -0.62 0.00	20.77 -0.53 0.00	19.78 -0.60 0.00	18.21 -0.62 0.00	17.48 -0.61 0.00	17.56 -0.61 0.00	17.64 -0.43 0.00	17.67 -0.25 0.00	19.08 -0.13 0.00	24.20 0.00 0.00	26.16 0.10 0.00	28.67 0.09 0.00	22.88 0.01 0.00	18.95 -0.07 0.00	21.13 -0.19 0.00

LITTLRIV_115KV_TB1 356100	18.43 -0.01 0.00	15.78 -0.05 0.00	13.32 -0.08 0.00	14.69 -0.01 0.00	12.62 -0.02 0.00	20.02 0.03 0.00	18.48 0.07 0.00	24.32 0.04 0.00	28.90 -0.11 0.00	27.90 -0.19 0.00	21.23 -0.07 0.00	20.29 -0.08 0.00	18.64 -0.19 0.00	17.75 -0.34 0.00	17.70 -0.47 0.00	17.62 -0.44 0.00	17.53 -0.39 0.00	18.80 -0.41 0.00	23.65 -0.56 0.00	25.69 -0.38 0.00	28.33 -0.25 0.00	22.88 0.00 0.00	19.14 0.13 0.00	21.43 0.10 0.00
LI_NEWBRDGE___DRP 323616	19.48 1.04 0.00	16.68 0.85 0.00	14.10 0.70 0.00	15.39 0.69 0.00	13.25 0.60 0.00	20.94 0.94 0.00	19.28 0.88 0.00	25.63 1.35 0.00	30.62 1.62 0.00	30.00 1.91 -0.01	23.03 1.60 -0.13	21.96 1.49 -0.10	20.18 1.31 -0.04	19.24 1.15 0.00	19.32 1.15 0.00	19.30 1.24 0.00	19.09 1.17 0.00	20.49 1.27 0.00	25.92 1.71 0.00	27.62 1.56 0.00	30.30 1.72 0.00	24.21 1.34 0.00	20.12 1.11 0.00	22.49 1.16 0.00
LOCKPORT_115KV_TB60_63_64 80432	18.08 -0.36 0.00	15.58 -0.26 0.00	13.16 -0.24 0.00	14.54 -0.16 0.00	12.39 -0.25 0.00	19.79 -0.20 0.00	18.07 -0.34 0.00	23.64 -0.65 0.00	28.16 -0.84 0.00	27.41 -0.67 0.00	20.90 -0.39 0.00	20.15 -0.23 0.00	18.81 -0.02 0.00	18.13 0.03 0.00	18.11 -0.06 0.00	17.89 -0.18 0.00	17.65 -0.27 0.00	18.82 -0.39 0.00	23.45 -0.76 0.00	25.31 -0.76 0.00	27.82 -0.76 0.00	22.26 -0.62 0.00	18.57 -0.44 0.00	20.90 -0.43 0.00
LOCKPORT___CC1 323769	18.07 -0.38 0.00	15.56 -0.27 0.00	13.15 -0.25 0.00	14.54 -0.17 0.00	12.38 -0.26 0.00	19.77 -0.22 0.00	18.05 -0.36 0.00	23.63 -0.66 0.00	28.16 -0.84 0.00	27.42 -0.66 0.00	20.91 -0.39 0.00	20.18 -0.19 0.00	18.82 -0.01 0.00	18.15 0.05 0.00	18.12 -0.05 0.00	17.90 -0.16 0.00	17.66 -0.27 0.00	18.82 -0.39 0.00	23.44 -0.77 0.00	25.30 -0.76 0.00	27.81 -0.77 0.00	22.25 -0.63 0.00	18.56 -0.45 0.00	20.89 -0.43 0.00
LOCKPORT___CC2 323770	18.07 -0.38 0.00	15.56 -0.27 0.00	13.15 -0.25 0.00	14.54 -0.17 0.00	12.38 -0.26 0.00	19.77 -0.22 0.00	18.05 -0.36 0.00	23.63 -0.66 0.00	28.16 -0.84 0.00	27.42 -0.66 0.00	20.91 -0.39 0.00	20.18 -0.19 0.00	18.82 -0.01 0.00	18.15 0.05 0.00	18.12 -0.05 0.00	17.90 -0.16 0.00	17.66 -0.27 0.00	18.82 -0.39 0.00	23.44 -0.77 0.00	25.30 -0.76 0.00	27.81 -0.77 0.00	22.25 -0.63 0.00	18.56 -0.45 0.00	20.89 -0.43 0.00
LOCKPORT___CC3 323771	18.07 -0.38 0.00	15.56 -0.27 0.00	13.15 -0.25 0.00	14.54 -0.17 0.00	12.38 -0.26 0.00	19.77 -0.22 0.00	18.05 -0.36 0.00	23.63 -0.66 0.00	28.16 -0.84 0.00	27.42 -0.66 0.00	20.91 -0.39 0.00	20.18 -0.19 0.00	18.82 -0.01 0.00	18.15 0.05 0.00	18.12 -0.05 0.00	17.90 -0.16 0.00	17.66 -0.27 0.00	18.82 -0.39 0.00	23.44 -0.77 0.00	25.30 -0.76 0.00	27.81 -0.77 0.00	22.25 -0.63 0.00	18.56 -0.45 0.00	20.89 -0.43 0.00
LONG_LAKE_PHOENIX 24014	18.21 -0.23 0.00	15.63 -0.20 0.00	13.22 -0.17 0.00	14.51 -0.19 0.00	12.47 -0.18 0.00	19.76 -0.23 0.00	18.30 -0.10 0.00	24.31 0.02 0.00	28.95 -0.06 0.00	27.98 -0.10 0.00	21.23 -0.07 0.00	20.33 -0.05 0.00	18.81 -0.02 0.00	18.09 0.00 0.00	18.15 -0.02 0.00	18.04 -0.03 0.00	17.87 -0.05 0.00	19.19 -0.03 0.00	24.21 0.00 0.00	26.10 0.03 0.00	28.64 0.06 0.00	22.86 -0.02 0.00	18.99 -0.02 0.00	21.31 -0.02 0.00
LOVETT___3 23632	19.29 0.85 0.00	16.56 0.72 0.00	14.00 0.61 0.00	15.30 0.60 0.00	13.17 0.52 0.00	20.81 0.82 0.00	19.17 0.76 0.00	25.47 1.18 0.00	30.44 1.43 0.00	29.66 1.58 0.00	22.58 1.29 0.00	21.57 1.20 0.00	19.93 1.10 0.00	19.13 1.04 0.00	19.23 1.07 0.00	19.16 1.10 0.00	19.02 1.10 0.00	20.47 1.26 0.00	25.85 1.64 0.00	27.69 1.63 0.00	30.31 1.73 0.00	24.18 1.30 0.00	19.97 0.97 0.00	22.34 1.02 0.00
LOVETT___4 23642	19.29 0.85 0.00	16.56 0.72 0.00	14.00 0.61 0.00	15.30 0.60 0.00	13.17 0.52 0.00	20.81 0.82 0.00	19.17 0.76 0.00	25.47 1.18 0.00	30.44 1.43 0.00	29.66 1.58 0.00	22.58 1.29 0.00	21.57 1.20 0.00	19.93 1.10 0.00	19.13 1.04 0.00	19.23 1.07 0.00	19.16 1.10 0.00	19.02 1.10 0.00	20.47 1.26 0.00	25.85 1.64 0.00	27.69 1.63 0.00	30.31 1.73 0.00	24.18 1.30 0.00	19.97 0.97 0.00	22.34 1.02 0.00
LOVETT___5 23593	19.29 0.85 0.00	16.56 0.72 0.00	14.00 0.61 0.00	15.30 0.60 0.00	13.17 0.52 0.00	20.81 0.82 0.00	19.17 0.76 0.00	25.47 1.18 0.00	30.44 1.43 0.00	29.66 1.58 0.00	22.58 1.29 0.00	21.57 1.20 0.00	19.93 1.10 0.00	19.13 1.04 0.00	19.23 1.07 0.00	19.16 1.10 0.00	19.02 1.10 0.00	20.47 1.26 0.00	25.85 1.64 0.00	27.69 1.63 0.00	30.31 1.73 0.00	24.18 1.30 0.00	19.97 0.97 0.00	22.34 1.02 0.00
LOWER_RAQUET___HYD 24057	18.20 -0.24 0.00	15.59 -0.24 0.00	13.16 -0.24 0.00	14.51 -0.19 0.00	12.47 -0.18 0.00	19.75 -0.24 0.00	18.22 -0.19 0.00	24.01 -0.28 0.00	28.62 -0.39 0.00	27.68 -0.40 0.00	21.13 -0.16 0.00	20.19 -0.18 0.00	18.52 -0.31 0.00	17.61 -0.49 0.00	17.52 -0.65 0.00	17.43 -0.64 0.00	17.31 -0.61 0.00	18.53 -0.68 0.00	23.36 -0.85 0.00	25.29 -0.78 0.00	27.86 -0.72 0.00	22.54 -0.33 0.00	18.90 -0.11 0.00	21.17 -0.16 0.00
LOWER___HUDSON 24059	18.89 0.45 0.00	16.28 0.44 0.00	13.81 0.42 0.00	15.13 0.43 0.00	13.04 0.39 0.00	20.47 0.48 0.00	18.87 0.46 0.00	24.91 0.63 0.00	29.64 0.63 0.00	28.62 0.54 0.00	21.69 0.40 0.00	20.72 0.35 0.00	19.09 0.26 0.00	18.34 0.25 0.00	18.43 0.26 0.00	18.35 0.29 0.00	18.24 0.32 0.00	19.67 0.45 0.00	24.92 0.71 0.00	26.85 0.79 0.00	29.43 0.85 0.00	23.53 0.66 0.00	19.52 0.51 0.00	21.82 0.50 0.00
LOWVILLE_115KV_TB2 356335	18.90 0.46 0.00	16.19 0.36 0.00	13.68 0.28 0.00	15.02 0.32 0.00	12.93 0.28 0.00	20.51 0.51 0.00	18.89 0.48 0.00	24.81 0.52 0.00	29.22 0.21 0.00	28.03 -0.05 0.00	21.31 0.01 0.00	20.38 0.01 0.00	18.84 0.01 0.00	18.07 -0.02 0.00	18.07 -0.09 0.00	17.94 -0.13 0.00	17.84 -0.08 0.00	19.20 -0.01 0.00	24.55 0.34 0.00	26.61 0.54 0.00	29.38 0.80 0.00	23.51 0.64 0.00	19.39 0.38 0.00	21.60 0.28 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	19.04 0.60 0.00	16.38 0.55 0.00	13.90 0.50 0.00	15.23 0.53 0.00	13.12 0.47 0.00	20.65 0.66 0.00	19.08 0.67 0.00	25.22 0.93 0.00	29.96 0.95 0.00	28.86 0.78 0.00	21.90 0.60 0.00	20.90 0.52 0.00	19.21 0.38 0.00	18.46 0.37 0.00	18.56 0.40 0.00	18.49 0.43 0.00	18.42 0.50 0.00	19.92 0.70 0.00	25.24 1.04 0.00	27.22 1.16 0.00	29.85 1.27 0.00	23.83 0.95 0.00	19.73 0.71 0.00	22.02 0.70 0.00
LUTHERNY_35_KV_BK2 355980	19.03 0.59 0.00	16.38 0.54 0.00	13.90 0.50 0.00	15.23 0.52 0.00	13.11 0.47 0.00	20.66 0.67 0.00	19.08 0.67 0.00	25.24 0.95 0.00	29.96 0.96 0.00	28.86 0.79 0.00	21.90 0.60 0.00	20.89 0.51 0.00	19.21 0.38 0.00	18.47 0.37 0.00	18.57 0.40 0.00	18.49 0.43 0.00	18.43 0.52 0.00	19.93 0.72 0.00	25.26 1.06 0.00	27.24 1.17 0.00	29.83 1.26 0.00	23.83 0.95 0.00	19.72 0.71 0.00	22.02 0.70 0.00

LWR___OSWEGATCHIE_HYD 23850	18.49 0.05 0.00	15.84 0.01 0.00	13.37 -0.02 0.00	14.72 0.01 0.00	12.65 0.00 0.00	20.07 0.08 0.00	18.50 0.09 0.00	24.33 0.04 0.00	28.80 -0.21 0.00	27.73 -0.35 0.00	21.13 -0.17 0.00	20.20 -0.17 0.00	18.59 -0.24 0.00	17.76 -0.34 0.00	17.70 -0.47 0.00	17.59 -0.48 0.00	17.48 -0.44 0.00	18.78 -0.44 0.00	23.87 -0.34 0.00	25.87 -0.20 0.00	28.56 -0.02 0.00	22.98 0.10 0.00	19.09 0.08 0.00	21.34 0.02 0.00
LYONS_FALL_HYD 23570	18.88 0.44 0.00	16.18 0.35 0.00	13.68 0.28 0.00	15.01 0.31 0.00	12.92 0.27 0.00	20.48 0.49 0.00	18.87 0.46 0.00	24.82 0.54 0.00	29.35 0.35 0.00	28.23 0.15 0.00	21.45 0.15 0.00	20.50 0.13 0.00	18.95 0.12 0.00	18.19 0.10 0.00	18.23 0.05 0.00	18.10 0.04 0.00	18.00 0.08 0.00	19.36 0.15 0.00	24.66 0.46 0.00	26.68 0.61 0.00	29.37 0.79 0.00	23.50 0.62 0.00	19.41 0.40 0.00	21.66 0.33 0.00
MADISON___COUNTY_LFGE 323628	18.94 0.49 0.00	16.24 0.41 0.00	13.73 0.33 0.00	15.06 0.36 0.00	12.95 0.31 0.00	20.54 0.54 0.00	18.92 0.51 0.00	24.90 0.62 0.00	29.54 0.53 0.00	28.50 0.42 0.00	21.63 0.34 0.00	20.68 0.31 0.00	19.15 0.32 0.00	18.39 0.30 0.00	18.47 0.30 0.00	18.37 0.30 0.00	18.25 0.33 0.00	19.61 0.40 0.00	24.92 0.71 0.00	26.87 0.81 0.00	29.52 0.94 0.00	23.59 0.71 0.00	19.53 0.52 0.00	21.83 0.51 0.00
MALONE___115KV_TB1 356076	18.80 0.36 0.00	16.12 0.28 0.00	13.60 0.20 0.00	15.01 0.31 0.00	12.94 0.30 0.00	20.46 0.47 0.00	18.93 0.52 0.00	25.04 0.75 0.00	29.92 0.91 0.00	28.89 0.82 0.00	21.82 0.52 0.00	20.78 0.41 0.00	19.10 0.28 0.00	18.26 0.17 0.00	18.27 0.10 0.00	18.13 0.06 0.00	17.96 0.04 0.00	19.18 -0.04 0.00	24.13 -0.07 0.00	26.17 0.11 0.00	28.74 0.17 0.00	23.07 0.19 0.00	19.26 0.25 0.00	21.59 0.26 0.00
MAPLEWOD_115KV_TB3 80458	18.82 0.39 0.00	16.18 0.35 0.00	13.73 0.34 0.00	15.02 0.32 0.00	12.95 0.30 0.00	20.37 0.38 0.00	18.77 0.36 0.00	24.74 0.46 0.00	29.49 0.48 0.00	28.52 0.44 0.00	21.65 0.35 0.00	20.70 0.33 0.00	19.10 0.27 0.00	18.36 0.26 0.00	18.45 0.28 0.00	18.38 0.32 0.00	18.27 0.35 0.00	19.67 0.46 0.00	24.85 0.65 0.00	26.75 0.68 0.00	29.30 0.72 0.00	23.42 0.55 0.00	19.44 0.43 0.00	21.77 0.44 0.00
MAPLE_RIDGE_WT_1 323574	18.43 -0.01 0.00	15.82 -0.02 0.00	13.37 -0.02 0.00	14.70 -0.01 0.00	12.64 0.00 0.00	19.99 0.00 0.00	18.41 0.00 0.00	24.28 0.00 0.00	28.98 -0.03 0.00	27.98 -0.10 0.00	21.26 -0.04 0.00	20.36 -0.02 0.00	18.80 -0.03 0.00	18.07 -0.03 0.00	18.13 -0.04 0.00	18.03 -0.04 0.00	17.90 -0.03 0.00	19.18 -0.04 0.00	24.14 -0.07 0.00	26.01 -0.06 0.00	28.42 -0.15 0.00	22.73 -0.14 0.00	18.85 -0.16 0.00	21.13 -0.20 0.00
MAPLE_RIDGE_WT_2 323611	18.43 -0.01 0.00	15.82 -0.02 0.00	13.37 -0.02 0.00	14.70 -0.01 0.00	12.64 0.00 0.00	19.99 0.00 0.00	18.41 0.00 0.00	24.28 0.00 0.00	28.98 -0.03 0.00	27.98 -0.10 0.00	21.26 -0.04 0.00	20.36 -0.02 0.00	18.80 -0.03 0.00	18.07 -0.03 0.00	18.13 -0.04 0.00	18.03 -0.04 0.00	17.90 -0.03 0.00	19.18 -0.04 0.00	24.14 -0.07 0.00	26.01 -0.06 0.00	28.42 -0.15 0.00	22.73 -0.14 0.00	18.85 -0.16 0.00	21.13 -0.20 0.00
MARBLE_RIVER_WT_PWR 323696	19.24 0.80 0.00	16.55 0.71 0.00	13.96 0.57 0.00	15.39 0.69 0.00	13.34 0.69 0.00	21.01 1.02 0.00	19.48 1.07 0.00	25.83 1.54 0.00	30.75 1.75 0.00	29.69 1.62 0.00	22.32 1.02 0.00	21.17 0.80 0.00	19.45 0.62 0.00	18.59 0.50 0.00	18.59 0.42 0.00	18.46 0.39 0.00	18.24 0.31 0.00	19.44 0.23 0.00	24.39 0.18 0.00	26.53 0.46 0.00	29.02 0.44 0.00	23.12 0.25 0.00	19.32 0.31 0.00	21.64 0.32 0.00
MARSHVLE_115KV_TB1 80742	19.68 1.24 0.00	16.83 0.99 0.00	14.21 0.81 0.00	15.59 0.89 0.00	13.39 0.74 0.00	21.35 1.36 0.00	19.67 1.26 0.00	25.93 1.65 0.00	30.70 1.70 0.00	29.42 1.34 0.00	22.25 0.95 0.00	21.25 0.87 0.00	19.74 0.91 0.00	18.91 0.81 0.00	18.97 0.80 0.00	19.10 1.04 0.00	18.86 0.94 0.00	20.32 1.11 0.00	25.61 1.40 0.00	27.81 1.75 0.00	30.47 1.89 0.00	24.33 1.45 0.00	20.20 1.19 0.00	22.74 1.41 0.00
MARSH_HILL_WT_PWR 323713	18.35 -0.08 0.00	15.75 -0.08 0.00	13.21 -0.19 0.00	14.63 -0.08 0.00	12.46 -0.19 0.00	19.68 -0.31 0.00	17.94 -0.47 0.00	23.98 -0.31 0.00	28.86 -0.14 0.00	28.29 0.21 0.00	21.68 0.38 0.00	20.90 0.53 0.00	19.49 0.66 0.00	18.75 0.65 0.00	18.73 0.56 0.00	18.49 0.42 0.00	18.18 0.26 0.00	19.39 0.18 0.00	24.27 0.06 0.00	26.24 0.17 0.00	28.79 0.21 0.00	22.86 -0.02 0.00	18.91 -0.10 0.00	21.21 -0.12 0.00
MCINTYRE_115KV_TB2 80467	18.58 0.14 0.00	15.91 0.07 0.00	13.43 0.03 0.00	14.81 0.11 0.00	12.73 0.08 0.00	20.19 0.20 0.00	18.65 0.24 0.00	24.51 0.23 0.00	29.06 0.05 0.00	28.02 -0.06 0.00	21.26 -0.04 0.00	20.33 -0.04 0.00	18.70 -0.13 0.00	17.87 -0.23 0.00	17.86 -0.31 0.00	17.78 -0.28 0.00	17.71 -0.21 0.00	18.99 -0.22 0.00	23.84 -0.37 0.00	25.96 -0.11 0.00	28.65 0.07 0.00	23.08 0.21 0.00	19.27 0.26 0.00	21.58 0.26 0.00
MECO____69_KV_BK1 80468	20.71 2.27 0.00	17.66 1.83 0.00	14.87 1.48 0.00	16.32 1.61 0.00	14.05 1.41 0.00	22.49 2.50 0.00	20.83 2.42 0.00	27.30 3.01 0.00	31.88 2.87 0.00	29.74 1.67 0.00	22.25 0.96 0.00	20.69 0.31 0.00	19.24 0.42 0.00	18.19 0.10 0.00	18.23 0.06 0.00	18.39 0.33 0.00	18.99 1.07 0.00	20.58 1.37 0.00	26.32 2.12 0.00	29.45 3.38 0.00	32.45 3.87 0.00	25.80 2.93 0.00	21.35 2.34 0.00	23.94 2.62 0.00
MENANDS__115KV_TB5 355628	18.77 0.33 0.00	16.14 0.31 0.00	13.70 0.30 0.00	14.99 0.28 0.00	12.92 0.27 0.00	20.32 0.32 0.00	18.71 0.30 0.00	24.64 0.36 0.00	29.37 0.37 0.00	28.43 0.35 0.00	21.59 0.29 0.00	20.64 0.26 0.00	19.04 0.21 0.00	18.31 0.21 0.00	18.40 0.23 0.00	18.33 0.26 0.00	18.21 0.29 0.00	19.59 0.38 0.00	24.75 0.55 0.00	26.64 0.57 0.00	29.18 0.60 0.00	23.33 0.45 0.00	19.37 0.36 0.00	21.70 0.38 0.00
MG INDUSTRY___DRP 24185	18.77 0.33 0.00	16.14 0.31 0.00	13.69 0.30 0.00	14.98 0.28 0.00	12.91 0.27 0.00	20.32 0.32 0.00	18.72 0.31 0.00	24.62 0.34 0.00	29.25 0.24 0.00	28.23 0.16 0.00	21.43 0.13 0.00	20.47 0.10 0.00	18.88 0.06 0.00	18.14 0.05 0.00	18.24 0.07 0.00	18.16 0.09 0.00	18.09 0.17 0.00	19.52 0.30 0.00	24.68 0.47 0.00	26.59 0.52 0.00	29.15 0.57 0.00	23.29 0.42 0.00	19.36 0.35 0.00	21.70 0.38 0.00
MID___OSWEGATCHIE_HYD 23849	18.49 0.05 0.00	15.84 0.01 0.00	13.37 -0.02 0.00	14.72 0.01 0.00	12.65 0.00 0.00	20.07 0.08 0.00	18.50 0.09 0.00	24.33 0.04 0.00	28.80 -0.21 0.00	27.73 -0.35 0.00	21.13 -0.17 0.00	20.20 -0.17 0.00	18.59 -0.24 0.00	17.76 -0.34 0.00	17.70 -0.47 0.00	17.59 -0.48 0.00	17.48 -0.44 0.00	18.78 -0.44 0.00	23.87 -0.34 0.00	25.87 -0.20 0.00	28.56 -0.02 0.00	22.98 0.10 0.00	19.09 0.08 0.00	21.34 0.02 0.00

MID___RAQUETTE_HYD 23851	18.20 -0.24 0.00	15.59 -0.24 0.00	13.16 -0.24 0.00	14.51 -0.19 0.00	12.46 -0.18 0.00	19.75 -0.24 0.00	18.22 -0.19 0.00	24.01 -0.28 0.00	28.62 -0.39 0.00	27.68 -0.40 0.00	21.13 -0.16 0.00	20.19 -0.18 0.00	18.52 -0.31 0.00	17.61 -0.49 0.00	17.52 -0.65 0.00	17.43 -0.64 0.00	17.31 -0.61 0.00	18.53 -0.68 0.00	23.36 -0.85 0.00	25.29 -0.78 0.00	27.86 -0.72 0.00	22.54 -0.33 0.00	18.90 -0.11 0.00	21.17 -0.16 0.00
MILLIKEN___1 23584	18.73 0.29 0.00	16.08 0.24 0.00	13.59 0.19 0.00	14.92 0.21 0.00	12.82 0.17 0.00	20.33 0.34 0.00	18.70 0.29 0.00	24.71 0.42 0.00	29.47 0.46 0.00	28.46 0.38 0.00	21.53 0.24 0.00	20.60 0.23 0.00	19.10 0.27 0.00	18.37 0.27 0.00	18.45 0.29 0.00	18.39 0.32 0.00	18.24 0.32 0.00	19.58 0.37 0.00	24.72 0.51 0.00	26.66 0.59 0.00	29.21 0.64 0.00	23.35 0.48 0.00	19.38 0.37 0.00	21.70 0.38 0.00
MILLIKEN___2 23585	18.73 0.29 0.00	16.08 0.24 0.00	13.59 0.19 0.00	14.92 0.21 0.00	12.82 0.17 0.00	20.33 0.34 0.00	18.70 0.29 0.00	24.71 0.42 0.00	29.47 0.46 0.00	28.46 0.38 0.00	21.53 0.24 0.00	20.60 0.23 0.00	19.10 0.27 0.00	18.37 0.27 0.00	18.45 0.29 0.00	18.39 0.32 0.00	18.24 0.32 0.00	19.58 0.37 0.00	24.72 0.51 0.00	26.66 0.59 0.00	29.21 0.64 0.00	23.35 0.48 0.00	19.38 0.37 0.00	21.70 0.38 0.00
MILLIKEN___DIESEL 23629	18.73 0.29 0.00	16.08 0.24 0.00	13.59 0.19 0.00	14.92 0.21 0.00	12.82 0.17 0.00	20.33 0.34 0.00	18.70 0.29 0.00	24.71 0.42 0.00	29.47 0.46 0.00	28.46 0.38 0.00	21.53 0.24 0.00	20.60 0.23 0.00	19.10 0.27 0.00	18.37 0.27 0.00	18.45 0.29 0.00	18.39 0.32 0.00	18.24 0.32 0.00	19.58 0.37 0.00	24.72 0.51 0.00	26.66 0.59 0.00	29.21 0.64 0.00	23.35 0.48 0.00	19.38 0.37 0.00	21.70 0.38 0.00
MILLSEAT___LFGE 323607	18.36 -0.08 0.00	15.80 -0.03 0.00	13.35 -0.05 0.00	14.74 0.04 0.00	12.58 -0.07 0.00	20.10 0.11 0.00	18.40 -0.01 0.00	24.11 -0.18 0.00	28.67 -0.34 0.00	27.81 -0.27 0.00	21.16 -0.14 0.00	20.41 0.03 0.00	18.99 0.16 0.00	18.34 0.25 0.00	18.29 0.12 0.00	18.09 0.02 0.00	17.90 -0.02 0.00	19.13 -0.08 0.00	23.93 -0.28 0.00	25.86 -0.21 0.00	28.44 -0.14 0.00	22.71 -0.16 0.00	18.91 -0.10 0.00	21.25 -0.08 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.36 0.92 0.00	16.62 0.78 0.00	14.06 0.66 0.00	15.37 0.66 0.00	13.22 0.58 0.00	20.86 0.87 0.00	19.22 0.81 0.00	25.54 1.26 0.00	30.53 1.52 0.00	29.76 1.68 0.00	22.65 1.35 0.00	21.63 1.26 0.00	19.97 1.14 0.00	19.16 1.07 0.00	19.27 1.10 0.00	19.20 1.13 0.00	19.05 1.13 0.00	20.50 1.29 0.00	25.88 1.67 0.00	27.73 1.66 0.00	30.36 1.78 0.00	24.22 1.35 0.00	20.04 1.03 0.00	22.40 1.07 0.00
MILLWOOD_13_KV_LOAD 356217	19.40 0.96 0.00	16.65 0.81 0.00	14.09 0.69 0.00	15.40 0.69 0.00	13.25 0.60 0.00	20.91 0.92 0.00	19.26 0.85 0.00	25.60 1.32 0.00	30.60 1.60 0.00	29.82 1.74 0.00	22.69 1.40 0.00	21.68 1.30 0.00	20.01 1.19 0.00	19.21 1.11 0.00	19.31 1.15 0.00	19.24 1.17 0.00	19.09 1.17 0.00	20.55 1.34 0.00	25.95 1.74 0.00	27.80 1.73 0.00	30.43 1.86 0.00	24.28 1.41 0.00	20.09 1.08 0.00	22.44 1.12 0.00
MODEL_CITY_ENERGY 24167	17.90 -0.54 0.00	15.43 -0.41 0.00	13.04 -0.36 0.00	14.41 -0.29 0.00	12.28 -0.36 0.00	19.60 -0.39 0.00	17.89 -0.52 0.00	23.36 -0.92 0.00	27.84 -1.17 0.00	27.11 -0.97 0.00	20.67 -0.63 0.00	19.95 -0.43 0.00	18.61 -0.21 0.00	17.92 -0.17 0.00	17.91 -0.26 0.00	17.70 -0.37 0.00	17.45 -0.47 0.00	18.60 -0.61 0.00	23.14 -1.07 0.00	24.98 -1.09 0.00	27.46 -1.12 0.00	22.00 -0.88 0.00	18.37 -0.64 0.00	20.67 -0.65 0.00
MODERN_LFGE___ 323580	17.90 -0.54 0.00	15.43 -0.41 0.00	13.04 -0.36 0.00	14.41 -0.29 0.00	12.28 -0.36 0.00	19.60 -0.39 0.00	17.89 -0.52 0.00	23.36 -0.92 0.00	27.84 -1.17 0.00	27.11 -0.97 0.00	20.67 -0.63 0.00	19.95 -0.43 0.00	18.61 -0.21 0.00	17.92 -0.17 0.00	17.91 -0.26 0.00	17.70 -0.37 0.00	17.45 -0.47 0.00	18.60 -0.61 0.00	23.14 -1.07 0.00	24.98 -1.09 0.00	27.46 -1.12 0.00	22.00 -0.88 0.00	18.37 -0.64 0.00	20.67 -0.65 0.00
MOHAWK_PAPER___DRP 24187	18.82 0.39 0.00	16.18 0.35 0.00	13.73 0.34 0.00	15.02 0.32 0.00	12.95 0.30 0.00	20.37 0.38 0.00	18.77 0.36 0.00	24.74 0.46 0.00	29.49 0.48 0.00	28.52 0.44 0.00	21.65 0.35 0.00	20.70 0.33 0.00	19.10 0.27 0.00	18.36 0.26 0.00	18.45 0.28 0.00	18.38 0.32 0.00	18.27 0.35 0.00	19.67 0.46 0.00	24.85 0.65 0.00	26.75 0.68 0.00	29.30 0.72 0.00	23.42 0.55 0.00	19.44 0.43 0.00	21.77 0.44 0.00
MOHICAN___35_KV_115KV_LD 80490	18.99 0.55 0.00	16.35 0.51 0.00	13.90 0.51 0.00	15.23 0.53 0.00	13.12 0.47 0.00	20.62 0.63 0.00	19.14 0.73 0.00	25.34 1.06 0.00	30.05 1.04 0.00	28.81 0.73 0.00	21.91 0.61 0.00	20.86 0.48 0.00	19.08 0.25 0.00	18.35 0.26 0.00	18.47 0.30 0.00	18.41 0.34 0.00	18.34 0.42 0.00	19.93 0.71 0.00	25.38 1.17 0.00	27.40 1.33 0.00	30.06 1.48 0.00	23.95 1.08 0.00	19.77 0.76 0.00	21.97 0.64 0.00
MONGAUP___HYD 23641	19.36 0.91 0.00	16.61 0.77 0.00	14.04 0.65 0.00	15.40 0.69 0.00	13.25 0.61 0.00	20.88 0.89 0.00	19.28 0.87 0.00	25.47 1.19 0.00	30.37 1.36 0.00	29.36 1.29 0.00	22.29 0.99 0.00	21.31 0.94 0.00	19.65 0.83 0.00	18.87 0.77 0.00	18.97 0.80 0.00	18.89 0.83 0.00	18.74 0.82 0.00	20.14 0.93 0.00	25.64 1.43 0.00	27.60 1.53 0.00	30.26 1.68 0.00	24.15 1.28 0.00	20.12 1.11 0.00	22.45 1.12 0.00
MONTAUK___DIESEL 23721	30.58 2.04 -10.10	27.85 1.70 -10.32	16.95 1.42 -2.13	18.53 1.48 -2.34	28.48 1.27 -14.57	43.44 2.04 -21.41	43.06 1.95 -22.71	28.62 2.79 -1.54	44.39 3.35 -12.04	34.03 3.65 -2.31	31.89 2.87 -7.73	24.05 2.66 -1.02	21.19 2.20 -0.16	20.04 1.95 0.00	20.12 1.96 0.00	20.15 2.08 0.00	19.94 2.02 0.00	21.44 2.23 0.00	27.16 2.95 0.00	29.03 2.97 0.00	31.91 3.34 0.00	25.53 2.61 -0.05	21.28 2.20 -0.07	23.65 2.32 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.66 0.22 0.00	16.10 0.26 0.00	13.55 0.15 0.00	14.89 0.18 0.00	12.64 -0.01 0.00	20.23 0.24 0.00	18.47 0.06 0.00	24.51 0.23 0.00	29.53 0.53 0.00	29.22 1.14 0.00	22.35 1.05 0.00	21.50 1.13 0.00	20.06 1.24 0.00	19.28 1.19 0.00	19.04 0.87 0.00	18.79 0.72 0.00	18.64 0.72 0.00	19.93 0.71 0.00	24.69 0.48 0.00	26.44 0.37 0.00	28.72 0.15 0.00	23.05 0.17 0.00	19.21 0.20 0.00	21.84 0.52 0.00
MORTIMER_115KV_TB3 55949	18.25 -0.18 0.00	15.68 -0.16 0.00	13.24 -0.15 0.00	14.60 -0.10 0.00	12.50 -0.15 0.00	19.91 -0.08 0.00	18.26 -0.15 0.00	24.03 -0.25 0.00	28.62 -0.38 0.00	27.76 -0.31 0.00	21.11 -0.19 0.00	20.30 -0.08 0.00	18.87 0.05 0.00	18.18 0.09 0.00	18.21 0.05 0.00	18.05 -0.02 0.00	17.85 -0.08 0.00	19.08 -0.13 0.00	23.94 -0.27 0.00	25.81 -0.26 0.00	28.34 -0.24 0.00	22.63 -0.24 0.00	18.83 -0.18 0.00	21.15 -0.18 0.00

MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.46 1.02 0.00	16.69 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.63 0.00	20.95 0.96 0.00	19.29 0.88 0.00	25.67 1.38 0.00	30.70 1.69 0.00	29.97 1.89 0.00	22.81 1.51 0.00	21.80 1.42 0.00	20.13 1.31 0.00	19.32 1.23 0.00	19.42 1.25 0.00	19.35 1.29 0.00	19.20 1.28 0.00	20.65 1.44 0.00	26.03 1.82 0.00	27.86 1.79 0.00	30.48 1.90 0.00	24.32 1.44 0.00	20.13 1.12 0.00	22.50 1.17 0.00
MUNSVILLE_WIND_PWR 323609	19.73 1.29 0.00	16.95 1.12 0.00	14.29 0.90 0.00	15.70 1.00 0.00	13.49 0.84 0.00	21.39 1.40 0.00	19.69 1.29 0.00	25.79 1.51 0.00	30.52 1.51 0.00	29.40 1.32 0.00	22.28 0.99 0.00	21.31 0.94 0.00	19.78 0.95 0.00	19.00 0.91 0.00	19.11 0.94 0.00	19.07 1.01 0.00	19.09 1.17 0.00	20.61 1.40 0.00	25.81 1.60 0.00	27.92 1.86 0.00	30.72 2.15 0.00	24.51 1.63 0.00	20.13 1.12 0.00	22.30 0.98 0.00
N SALMON___HYD 24042	18.80 0.37 0.00	16.12 0.28 0.00	13.60 0.20 0.00	15.01 0.31 0.00	12.94 0.30 0.00	20.47 0.47 0.00	18.93 0.52 0.00	25.03 0.75 0.00	29.92 0.91 0.00	28.89 0.82 0.00	21.81 0.52 0.00	20.78 0.41 0.00	19.10 0.28 0.00	18.26 0.17 0.00	18.27 0.10 0.00	18.13 0.06 0.00	17.96 0.04 0.00	19.18 -0.04 0.00	24.13 -0.07 0.00	26.17 0.11 0.00	28.74 0.17 0.00	23.07 0.19 0.00	19.26 0.25 0.00	21.59 0.26 0.00
N.AKRON___115KV_KNAPP 355671	18.31 -0.13 0.00	15.77 -0.06 0.00	13.32 -0.08 0.00	14.71 0.01 0.00	12.55 -0.10 0.00	20.04 0.05 0.00	18.33 -0.08 0.00	24.02 -0.27 0.00	28.59 -0.42 0.00	27.76 -0.32 0.00	21.14 -0.15 0.00	20.38 0.00 0.00	18.98 0.16 0.00	18.37 0.28 0.00	18.28 0.11 0.00	18.07 0.00 0.00	17.87 -0.05 0.00	19.08 -0.13 0.00	23.83 -0.37 0.00	25.74 -0.33 0.00	28.31 -0.27 0.00	22.61 -0.26 0.00	18.85 -0.16 0.00	21.18 -0.14 0.00
N.BELMOR_69_KV_BK1 55787	19.61 1.17 0.00	16.79 0.95 0.00	14.18 0.79 0.00	15.48 0.78 0.00	13.33 0.68 0.00	21.07 1.08 0.00	19.41 1.00 0.00	25.82 1.54 0.00	30.84 1.84 0.00	30.42 2.13 -0.21	26.27 1.74 -3.24	24.44 1.63 -2.43	21.18 1.44 -0.92	19.36 1.27 0.00	19.45 1.28 0.00	19.40 1.34 0.00	19.21 1.29 0.00	20.65 1.44 0.00	26.10 1.89 0.00	27.84 1.77 0.00	30.54 1.97 0.00	24.40 1.52 0.00	20.28 1.27 0.00	22.64 1.32 0.00
N.E_GEN_SANDY PD 24062	19.11 0.67 0.00	16.46 0.63 0.00	14.31 0.58 -0.33	15.46 0.59 -0.17	13.66 0.51 -0.50	20.65 0.67 0.02	19.29 0.63 -0.25	25.40 0.95 -0.17	30.27 1.07 -0.19	29.17 1.09 0.00	22.04 0.83 0.08	21.10 0.72 0.00	19.44 0.61 0.00	18.66 0.56 0.00	18.77 0.60 0.00	18.53 0.62 0.15	18.52 0.60 0.00	19.97 0.76 0.01	25.54 1.15 -0.18	27.31 1.25 0.00	32.03 1.36 -2.10	31.15 1.03 -7.24	19.92 0.78 -0.13	21.71 0.78 0.39
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.32 0.88 0.00	16.59 0.76 0.00	14.03 0.63 0.00	15.33 0.62 0.00	13.19 0.54 0.00	20.84 0.85 0.00	19.20 0.80 0.00	25.51 1.23 0.00	30.49 1.48 0.00	29.71 1.63 0.00	22.62 1.33 0.00	21.61 1.24 0.00	19.97 1.13 0.00	19.17 1.08 0.00	19.28 1.11 0.00	19.20 1.14 0.00	19.07 1.15 0.00	20.53 1.32 0.00	25.91 1.70 0.00	27.77 1.70 0.00	30.38 1.80 0.00	24.23 1.35 0.00	20.02 1.01 0.00	22.39 1.06 0.00
N.QUEENS_27_KV_LOAD 356247	19.47 1.03 0.00	16.72 0.88 0.00	14.14 0.75 0.00	15.45 0.75 0.00	13.27 0.63 0.00	20.93 0.94 0.00	19.30 0.89 0.00	25.74 1.46 0.00	30.76 1.76 0.00	30.02 1.95 0.00	22.84 1.54 0.00	21.83 1.45 0.00	20.18 1.35 0.00	19.35 1.25 0.00	19.44 1.27 0.00	19.37 1.30 0.00	19.23 1.31 0.00	20.67 1.45 0.00	26.00 1.80 0.00	27.84 1.77 0.00	30.46 1.89 0.00	24.34 1.46 0.00	20.15 1.14 0.00	22.53 1.21 0.00
N.TROY___115KV_TB1 355778	18.89 0.45 0.00	16.28 0.44 0.00	13.81 0.42 0.00	15.13 0.43 0.00	13.04 0.39 0.00	20.47 0.48 0.00	18.87 0.46 0.00	24.91 0.62 0.00	29.64 0.63 0.00	28.62 0.54 0.00	21.69 0.40 0.00	20.72 0.35 0.00	19.09 0.26 0.00	18.34 0.25 0.00	18.43 0.26 0.00	18.35 0.29 0.00	18.24 0.32 0.00	19.67 0.45 0.00	24.92 0.71 0.00	26.85 0.79 0.00	29.43 0.85 0.00	23.53 0.66 0.00	19.52 0.51 0.00	21.82 0.50 0.00
NARROWS_GT1_1 24228	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
NARROWS_GT1_2 24229	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
NARROWS_GT1_3 24230	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
NARROWS_GT1_4 24231	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
NARROWS_GT1_5 24232	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
NARROWS_GT1_6 24233	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00

NARROWS_GT1_7 24234	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
NARROWS_GT1_8 24235	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
NARROWS_GT2_1 24236	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
NARROWS_GT2_2 24237	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
NARROWS_GT2_3 24238	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
NARROWS_GT2_4 24239	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
NARROWS_GT2_5 24240	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
NARROWS_GT2_6 24241	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
NARROWS_GT2_7 24242	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
NARROWS_GT2_8 24243	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.94 0.50 0.00	16.29 0.46 0.00	13.83 0.44 0.00	15.13 0.43 0.00	13.05 0.41 0.00	20.53 0.54 0.00	18.95 0.54 0.00	24.88 0.59 0.00	29.45 0.45 0.00	28.27 0.20 0.00	21.41 0.11 0.00	20.41 0.03 0.00	18.82 0.00 0.00	18.11 0.02 0.00	18.20 0.03 0.00	18.12 0.06 0.00	18.14 0.22 0.00	19.65 0.44 0.00	24.93 0.72 0.00	26.96 0.89 0.00	29.59 1.02 0.00	23.64 0.77 0.00	19.64 0.64 0.00	21.97 0.65 0.00
NCHELSEA_115KV_TR2 355582	19.54 1.10 0.00	16.76 0.93 0.00	14.18 0.78 0.00	15.50 0.79 0.00	13.34 0.69 0.00	21.07 1.08 0.00	19.44 1.03 0.00	25.81 1.53 0.00	30.79 1.79 0.00	29.95 1.88 0.00	22.77 1.48 0.00	21.74 1.37 0.00	20.07 1.25 0.00	19.27 1.18 0.00	19.37 1.21 0.00	19.32 1.25 0.00	19.21 1.29 0.00	20.70 1.49 0.00	26.17 1.96 0.00	28.09 2.03 0.00	30.77 2.19 0.00	24.53 1.66 0.00	20.27 1.25 0.00	22.63 1.30 0.00
NEG CAPITAL___MECHNVIL 23645	19.03 0.59 0.00	16.38 0.54 0.00	13.89 0.50 0.00	15.22 0.52 0.00	13.11 0.46 0.00	20.63 0.64 0.00	19.06 0.65 0.00	25.19 0.90 0.00	29.93 0.93 0.00	28.84 0.77 0.00	21.88 0.58 0.00	20.88 0.50 0.00	19.21 0.38 0.00	18.46 0.36 0.00	18.56 0.39 0.00	18.48 0.42 0.00	18.42 0.50 0.00	19.90 0.69 0.00	25.24 1.03 0.00	27.21 1.15 0.00	29.83 1.26 0.00	23.81 0.94 0.00	19.72 0.71 0.00	22.02 0.69 0.00
NEG CENTRAL_HIGH_ACRES 23767	17.91 -0.53 0.00	15.38 -0.45 0.00	12.99 -0.40 0.00	14.31 -0.40 0.00	12.26 -0.38 0.00	19.53 -0.46 0.00	17.95 -0.46 0.00	23.64 -0.65 0.00	28.12 -0.88 0.00	27.27 -0.81 0.00	20.72 -0.58 0.00	19.91 -0.47 0.00	18.49 -0.35 0.00	17.80 -0.29 0.00	17.85 -0.32 0.00	17.71 -0.36 0.00	17.52 -0.40 0.00	18.76 -0.45 0.00	23.57 -0.64 0.00	25.40 -0.67 0.00	27.88 -0.70 0.00	22.25 -0.62 0.00	18.50 -0.51 0.00	20.78 -0.55 0.00
NEG CENTRAL___DRP 24199	18.46 0.02 0.00	15.83 0.00 0.00	13.38 -0.01 0.00	14.71 0.01 0.00	12.62 -0.02 0.00	20.06 0.07 0.00	18.44 0.03 0.00	24.40 0.11 0.00	29.07 0.06 0.00	28.16 0.08 0.00	21.35 0.05 0.00	20.46 0.08 0.00	18.98 0.15 0.00	18.25 0.16 0.00	18.32 0.15 0.00	18.19 0.13 0.00	18.00 0.08 0.00	19.34 0.13 0.00	24.36 0.15 0.00	26.26 0.20 0.00	28.75 0.17 0.00	22.98 0.11 0.00	19.08 0.07 0.00	21.40 0.07 0.00

NEG CENTRAL___INDECK 23768	18.72 0.28 0.00	16.06 0.23 0.00	13.54 0.14 0.00	14.95 0.25 0.00	12.77 0.12 0.00	20.32 0.33 0.00	18.64 0.23 0.00	24.60 0.32 0.00	29.12 0.12 0.00	28.18 0.10 0.00	21.49 0.19 0.00	20.69 0.32 0.00	19.27 0.45 0.00	18.56 0.46 0.00	18.58 0.42 0.00	18.41 0.34 0.00	18.19 0.27 0.00	19.57 0.35 0.00	24.58 0.37 0.00	26.73 0.66 0.00	29.44 0.86 0.00	23.42 0.55 0.00	19.39 0.38 0.00	21.72 0.39 0.00
NEG CENTRAL___SENECA 23627	18.52 0.08 0.00	15.89 0.06 0.00	13.42 0.03 0.00	14.76 0.06 0.00	12.66 0.01 0.00	20.13 0.14 0.00	18.50 0.09 0.00	24.51 0.22 0.00	29.14 0.13 0.00	28.24 0.16 0.00	21.44 0.14 0.00	20.56 0.18 0.00	19.08 0.26 0.00	18.36 0.27 0.00	18.43 0.26 0.00	18.27 0.21 0.00	18.08 0.16 0.00	19.44 0.22 0.00	24.45 0.24 0.00	26.39 0.32 0.00	28.86 0.29 0.00	23.06 0.19 0.00	19.13 0.12 0.00	21.44 0.11 0.00
NEG CENTRAL___STATE_STREET 24147	18.51 0.07 0.00	15.89 0.06 0.00	13.43 0.04 0.00	14.75 0.05 0.00	12.67 0.03 0.00	20.12 0.12 0.00	18.50 0.10 0.00	24.43 0.15 0.00	29.28 0.27 0.00	28.34 0.26 0.00	21.39 0.09 0.00	20.49 0.11 0.00	18.98 0.15 0.00	18.25 0.15 0.00	18.32 0.15 0.00	18.25 0.19 0.00	18.08 0.16 0.00	19.36 0.15 0.00	24.48 0.28 0.00	26.30 0.23 0.00	28.81 0.23 0.00	23.09 0.21 0.00	19.19 0.18 0.00	21.54 0.21 0.00
NEG MILLWOOD___DRP 24198	19.53 1.09 0.00	16.76 0.92 0.00	14.18 0.78 0.00	15.49 0.79 0.00	13.34 0.69 0.00	21.06 1.07 0.00	19.43 1.02 0.00	25.81 1.53 0.00	30.83 1.82 0.00	30.00 1.92 0.00	22.82 1.52 0.00	21.78 1.41 0.00	20.11 1.29 0.00	19.30 1.21 0.00	19.41 1.24 0.00	19.35 1.28 0.00	19.22 1.30 0.00	20.70 1.49 0.00	26.16 1.95 0.00	28.06 2.00 0.00	30.73 2.16 0.00	24.51 1.64 0.00	20.25 1.25 0.00	22.62 1.30 0.00
NEG NORTH_FLCN_SEA 23793	19.26 0.82 0.00	16.58 0.75 0.00	14.01 0.61 0.00	15.42 0.71 0.00	13.34 0.70 0.00	21.03 1.04 0.00	19.50 1.10 0.00	25.87 1.59 0.00	30.79 1.79 0.00	29.72 1.64 0.00	22.35 1.05 0.00	21.22 0.84 0.00	19.50 0.67 0.00	18.65 0.56 0.00	18.67 0.50 0.00	18.55 0.49 0.00	18.36 0.44 0.00	19.59 0.38 0.00	24.59 0.38 0.00	26.71 0.65 0.00	29.28 0.70 0.00	23.33 0.46 0.00	19.45 0.44 0.00	21.79 0.47 0.00
NEG NORTH_KES_CHATEGAY 23792	18.85 0.41 0.00	16.16 0.33 0.00	13.65 0.25 0.00	15.06 0.36 0.00	13.00 0.35 0.00	20.52 0.53 0.00	18.98 0.57 0.00	25.11 0.82 0.00	30.02 1.01 0.00	28.98 0.90 0.00	21.83 0.53 0.00	20.78 0.41 0.00	19.12 0.29 0.00	18.30 0.21 0.00	18.35 0.19 0.00	18.19 0.13 0.00	18.01 0.09 0.00	19.22 0.01 0.00	24.16 -0.05 0.00	26.20 0.14 0.00	28.72 0.15 0.00	22.99 0.12 0.00	19.20 0.18 0.00	21.53 0.21 0.00
NEG NORTH___ALICE_FALLS 23915	19.25 0.82 0.00	16.56 0.73 0.00	13.98 0.59 0.00	15.40 0.70 0.00	13.33 0.68 0.00	21.02 1.02 0.00	19.50 1.09 0.00	25.86 1.57 0.00	30.80 1.80 0.00	29.74 1.66 0.00	22.36 1.06 0.00	21.23 0.85 0.00	19.49 0.66 0.00	18.64 0.55 0.00	18.66 0.49 0.00	18.54 0.47 0.00	18.33 0.41 0.00	19.56 0.34 0.00	24.55 0.34 0.00	26.71 0.64 0.00	29.28 0.70 0.00	23.36 0.49 0.00	19.47 0.46 0.00	21.80 0.48 0.00
NEG NORTH___LWR_SARANAC 23913	19.25 0.82 0.00	16.56 0.73 0.00	13.98 0.59 0.00	15.40 0.70 0.00	13.33 0.68 0.00	21.02 1.02 0.00	19.50 1.09 0.00	25.86 1.57 0.00	30.80 1.80 0.00	29.74 1.66 0.00	22.36 1.06 0.00	21.23 0.85 0.00	19.49 0.66 0.00	18.64 0.55 0.00	18.66 0.49 0.00	18.54 0.47 0.00	18.33 0.41 0.00	19.56 0.34 0.00	24.55 0.34 0.00	26.71 0.64 0.00	29.28 0.70 0.00	23.36 0.49 0.00	19.47 0.46 0.00	21.80 0.48 0.00
NEG NORTH___PLATTSBURG 23628	19.25 0.82 0.00	16.56 0.73 0.00	13.98 0.59 0.00	15.40 0.70 0.00	13.33 0.68 0.00	21.02 1.02 0.00	19.50 1.09 0.00	25.86 1.58 0.00	30.81 1.80 0.00	29.74 1.66 0.00	22.36 1.06 0.00	21.23 0.85 0.00	19.49 0.66 0.00	18.64 0.55 0.00	18.66 0.49 0.00	18.54 0.47 0.00	18.33 0.41 0.00	19.56 0.34 0.00	24.55 0.34 0.00	26.71 0.64 0.00	29.28 0.71 0.00	23.36 0.49 0.00	19.47 0.46 0.00	21.80 0.48 0.00
NEG WEST_LEA_LOCKPORT 23791	18.07 -0.37 0.00	15.56 -0.27 0.00	13.15 -0.25 0.00	14.54 -0.17 0.00	12.38 -0.26 0.00	19.77 -0.22 0.00	18.05 -0.36 0.00	23.62 -0.66 0.00	28.17 -0.84 0.00	27.42 -0.66 0.00	20.91 -0.38 0.00	20.15 -0.22 0.00	18.82 -0.01 0.00	18.15 0.05 0.00	18.12 -0.05 0.00	17.90 -0.16 0.00	17.66 -0.26 0.00	18.82 -0.39 0.00	23.44 -0.77 0.00	25.31 -0.76 0.00	27.81 -0.77 0.00	22.25 -0.63 0.00	18.56 -0.45 0.00	20.89 -0.43 0.00
NEG WEST___LANCASTR 23811	18.79 0.35 0.00	16.17 0.33 0.00	13.65 0.25 0.00	15.09 0.39 0.00	12.87 0.23 0.00	20.50 0.50 0.00	18.73 0.32 0.00	24.76 0.47 0.00	29.57 0.56 0.00	28.73 0.65 0.00	21.87 0.58 0.00	21.05 0.68 0.00	19.62 0.80 0.00	18.91 0.81 0.00	18.92 0.75 0.00	18.69 0.63 0.00	18.45 0.53 0.00	19.69 0.48 0.00	24.54 0.34 0.00	26.45 0.38 0.00	29.01 0.43 0.00	23.17 0.30 0.00	19.33 0.32 0.00	21.75 0.42 0.00
NEG_PENN_ALLEGHNY 23528	18.65 0.21 0.00	16.02 0.18 0.00	13.54 0.14 0.00	14.87 0.16 0.00	12.76 0.11 0.00	20.24 0.25 0.00	18.57 0.16 0.00	24.61 0.32 0.00	29.37 0.37 0.00	28.50 0.42 0.00	21.68 0.38 0.00	20.77 0.40 0.00	19.25 0.42 0.00	18.51 0.41 0.00	18.59 0.42 0.00	18.45 0.38 0.00	18.29 0.36 0.00	19.63 0.42 0.00	24.67 0.46 0.00	26.51 0.45 0.00	29.02 0.44 0.00	23.15 0.27 0.00	19.23 0.22 0.00	21.55 0.23 0.00
NEG___GEN_MONROE 24207	18.38 -0.06 0.00	15.80 -0.04 0.00	13.34 -0.06 0.00	14.71 0.01 0.00	12.59 -0.06 0.00	20.07 0.08 0.00	18.41 0.00 0.00	24.21 -0.07 0.00	28.79 -0.22 0.00	27.91 -0.17 0.00	21.21 -0.09 0.00	20.41 0.03 0.00	18.98 0.15 0.00	18.29 0.20 0.00	18.32 0.15 0.00	18.14 0.08 0.00	17.95 0.03 0.00	19.19 -0.02 0.00	24.09 -0.12 0.00	26.00 -0.07 0.00	28.55 -0.02 0.00	22.80 -0.08 0.00	18.97 -0.04 0.00	21.30 -0.03 0.00
NEPA___ENERGY 23901	18.56 0.11 0.00	15.99 0.16 0.00	13.51 0.11 0.00	14.87 0.16 0.00	12.65 0.01 0.00	20.23 0.24 0.00	18.44 0.03 0.00	24.47 0.18 0.00	29.27 0.27 0.00	28.60 0.52 0.00	21.85 0.55 0.00	21.02 0.64 0.00	19.61 0.78 0.00	18.88 0.79 0.00	18.86 0.70 0.00	18.60 0.53 0.00	18.39 0.46 0.00	19.67 0.45 0.00	24.49 0.28 0.00	26.24 0.17 0.00	28.64 0.06 0.00	22.88 0.00 0.00	19.06 0.05 0.00	21.51 0.18 0.00
NEVERSINK___HYD 23608	19.90 1.46 0.00	17.08 1.24 0.00	14.45 1.06 0.00	15.82 1.12 0.00	13.62 0.97 0.00	21.57 1.58 0.00	19.87 1.47 0.00	26.35 2.07 0.00	31.36 2.36 0.00	30.46 2.38 0.00	22.77 1.47 0.00	21.58 1.20 0.00	19.89 1.06 0.00	18.93 0.84 0.00	18.91 0.74 0.00	18.84 0.77 0.00	18.71 0.79 0.00	20.22 1.01 0.00	25.65 1.44 0.00	27.55 1.49 0.00	30.20 1.63 0.00	24.07 1.20 0.00	19.87 0.87 0.00	22.20 0.87 0.00

NEWKRMKL_115KV_TB1 55635	18.61 0.17 0.00	16.00 0.16 0.00	13.60 0.20 0.00	14.85 0.14 0.00	12.82 0.17 0.00	20.12 0.13 0.00	18.55 0.14 0.00	24.40 0.12 0.00	29.08 0.07 0.00	28.15 0.07 0.00	21.38 0.09 0.00	20.45 0.07 0.00	18.88 0.06 0.00	18.15 0.05 0.00	18.25 0.08 0.00	18.19 0.12 0.00	18.08 0.16 0.00	19.44 0.23 0.00	24.54 0.34 0.00	26.41 0.34 0.00	28.93 0.35 0.00	23.09 0.22 0.00	19.21 0.21 0.00	21.53 0.21 0.00
NEWTON___FALLS_HYD 23847	18.49 0.05 0.00	15.84 0.01 0.00	13.37 -0.02 0.00	14.72 0.01 0.00	12.65 0.00 0.00	20.07 0.08 0.00	18.50 0.09 0.00	24.33 0.04 0.00	28.80 -0.21 0.00	27.73 -0.35 0.00	21.13 -0.17 0.00	20.20 -0.17 0.00	18.59 -0.24 0.00	17.76 -0.34 0.00	17.70 -0.47 0.00	17.59 -0.48 0.00	17.48 -0.44 0.00	18.78 -0.44 0.00	23.87 -0.34 0.00	25.87 -0.20 0.00	28.56 -0.02 0.00	22.98 0.10 0.00	19.09 0.08 0.00	21.34 0.02 0.00
NGRID_A1_DSASP 323792	17.77 -0.67 0.00	15.30 -0.53 0.00	12.93 -0.47 0.00	14.30 -0.40 0.00	12.18 -0.47 0.00	19.44 -0.55 0.00	17.74 -0.67 0.00	23.22 -1.06 0.00	27.56 -1.45 0.00	26.84 -1.24 0.00	20.52 -0.78 0.00	19.88 -0.50 0.00	18.55 -0.28 0.00	17.86 -0.23 0.00	17.86 -0.31 0.00	17.63 -0.43 0.00	17.38 -0.54 0.00	18.51 -0.71 0.00	23.00 -1.21 0.00	24.83 -1.24 0.00	27.23 -1.35 0.00	21.76 -1.12 0.00	18.18 -0.83 0.00	20.55 -0.78 0.00
NGRID_A2_DSASP 323793	17.77 -0.67 0.00	15.30 -0.53 0.00	12.93 -0.47 0.00	14.30 -0.40 0.00	12.18 -0.47 0.00	19.44 -0.55 0.00	17.74 -0.67 0.00	23.22 -1.06 0.00	27.56 -1.45 0.00	26.84 -1.24 0.00	20.52 -0.78 0.00	19.88 -0.50 0.00	18.55 -0.28 0.00	17.86 -0.23 0.00	17.86 -0.31 0.00	17.63 -0.43 0.00	17.38 -0.54 0.00	18.51 -0.71 0.00	23.00 -1.21 0.00	24.83 -1.24 0.00	27.23 -1.35 0.00	21.76 -1.12 0.00	18.18 -0.83 0.00	20.55 -0.78 0.00
NGRID_A4_DSASP 323807	17.77 -0.67 0.00	15.30 -0.53 0.00	12.93 -0.47 0.00	14.30 -0.40 0.00	12.18 -0.47 0.00	19.44 -0.55 0.00	17.74 -0.67 0.00	23.22 -1.06 0.00	27.56 -1.45 0.00	26.84 -1.24 0.00	20.52 -0.78 0.00	19.88 -0.50 0.00	18.55 -0.28 0.00	17.86 -0.23 0.00	17.86 -0.31 0.00	17.63 -0.43 0.00	17.38 -0.54 0.00	18.51 -0.71 0.00	23.00 -1.21 0.00	24.83 -1.24 0.00	27.23 -1.35 0.00	21.76 -1.12 0.00	18.18 -0.83 0.00	20.55 -0.78 0.00
NIAGARA_115E_LBMP 323715	17.81 -0.63 0.00	15.35 -0.48 0.00	12.98 -0.42 0.00	14.35 -0.35 0.00	12.22 -0.43 0.00	19.50 -0.49 0.00	17.79 -0.61 0.00	23.21 -1.07 0.00	27.66 -1.35 0.00	26.94 -1.14 0.00	20.54 -0.75 0.00	19.83 -0.54 0.00	18.51 -0.32 0.00	17.82 -0.28 0.00	17.80 -0.37 0.00	17.59 -0.47 0.00	17.34 -0.58 0.00	18.48 -0.73 0.00	22.97 -1.24 0.00	24.80 -1.27 0.00	27.26 -1.32 0.00	21.86 -1.02 0.00	18.25 -0.76 0.00	20.55 -0.78 0.00
NIAGARA_115W_LBMP 323714	17.73 -0.71 0.00	15.27 -0.56 0.00	12.90 -0.49 0.00	14.27 -0.43 0.00	12.15 -0.49 0.00	19.40 -0.59 0.00	17.70 -0.71 0.00	23.17 -1.11 0.00	27.49 -1.51 0.00	26.77 -1.31 0.00	20.47 -0.83 0.00	19.83 -0.54 0.00	18.51 -0.32 0.00	17.82 -0.27 0.00	17.81 -0.36 0.00	17.60 -0.47 0.00	17.33 -0.59 0.00	18.47 -0.75 0.00	22.95 -1.26 0.00	24.78 -1.29 0.00	27.16 -1.42 0.00	21.70 -1.17 0.00	18.14 -0.87 0.00	20.50 -0.82 0.00
NIAGARA_230_LBMP 323716	17.88 -0.56 0.00	15.39 -0.44 0.00	13.01 -0.39 0.00	14.38 -0.32 0.00	12.25 -0.40 0.00	19.55 -0.44 0.00	17.85 -0.56 0.00	23.39 -0.89 0.00	27.89 -1.12 0.00	27.14 -0.94 0.00	20.69 -0.61 0.00	19.99 -0.39 0.00	18.64 -0.19 0.00	17.96 -0.14 0.00	17.95 -0.21 0.00	17.74 -0.33 0.00	17.48 -0.44 0.00	18.62 -0.59 0.00	23.18 -1.03 0.00	25.02 -1.05 0.00	27.49 -1.08 0.00	22.00 -0.88 0.00	18.37 -0.64 0.00	20.69 -0.64 0.00
NIAGARA___115KV_198_GIBSON 55903	17.74 -0.70 0.00	15.27 -0.56 0.00	12.90 -0.49 0.00	14.27 -0.43 0.00	12.15 -0.49 0.00	19.40 -0.59 0.00	17.70 -0.71 0.00	23.17 -1.11 0.00	27.49 -1.51 0.00	26.77 -1.31 0.00	20.48 -0.82 0.00	19.81 -0.57 0.00	18.51 -0.32 0.00	17.82 -0.27 0.00	17.81 -0.36 0.00	17.60 -0.47 0.00	17.34 -0.59 0.00	18.47 -0.75 0.00	22.95 -1.26 0.00	24.77 -1.29 0.00	27.16 -1.42 0.00	21.70 -1.17 0.00	18.14 -0.87 0.00	20.50 -0.82 0.00
NIAGARA____ 23760	17.88 -0.56 0.00	15.39 -0.44 0.00	13.01 -0.39 0.00	14.38 -0.32 0.00	12.25 -0.40 0.00	19.55 -0.44 0.00	17.85 -0.56 0.00	23.39 -0.89 0.00	27.89 -1.12 0.00	27.14 -0.94 0.00	20.69 -0.61 0.00	19.99 -0.39 0.00	18.64 -0.19 0.00	17.96 -0.14 0.00	17.95 -0.21 0.00	17.74 -0.33 0.00	17.48 -0.44 0.00	18.62 -0.59 0.00	23.18 -1.03 0.00	25.02 -1.05 0.00	27.49 -1.08 0.00	22.00 -0.88 0.00	18.37 -0.64 0.00	20.69 -0.64 0.00
NINE_MILE_1 23575	18.00 -0.44 0.00	15.45 -0.38 0.00	13.07 -0.32 0.00	14.35 -0.35 0.00	12.33 -0.31 0.00	19.53 -0.46 0.00	17.97 -0.44 0.00	23.71 -0.57 0.00	28.28 -0.72 0.00	27.40 -0.68 0.00	20.79 -0.50 0.00	19.91 -0.47 0.00	18.42 -0.41 0.00	17.71 -0.39 0.00	17.77 -0.40 0.00	17.64 -0.42 0.00	17.48 -0.44 0.00	18.73 -0.48 0.00	23.58 -0.63 0.00	25.39 -0.68 0.00	27.84 -0.74 0.00	22.27 -0.60 0.00	18.53 -0.48 0.00	20.84 -0.49 0.00
NINE_MILE_2 23744	18.00 -0.44 0.00	15.46 -0.37 0.00	13.07 -0.32 0.00	14.35 -0.35 0.00	12.33 -0.31 0.00	19.53 -0.46 0.00	17.97 -0.44 0.00	23.71 -0.57 0.00	28.28 -0.72 0.00	27.40 -0.68 0.00	20.79 -0.50 0.00	19.91 -0.47 0.00	18.42 -0.40 0.00	17.71 -0.39 0.00	17.77 -0.40 0.00	17.64 -0.42 0.00	17.48 -0.44 0.00	18.73 -0.48 0.00	23.58 -0.63 0.00	25.39 -0.68 0.00	27.84 -0.74 0.00	22.27 -0.60 0.00	18.53 -0.48 0.00	20.84 -0.48 0.00
NM_CAPITAL___DRP 24208	18.62 0.18 0.00	16.02 0.18 0.00	13.60 0.21 0.00	14.87 0.16 0.00	12.82 0.18 0.00	20.14 0.15 0.00	18.55 0.15 0.00	24.41 0.13 0.00	29.09 0.08 0.00	28.16 0.08 0.00	21.39 0.10 0.00	20.45 0.08 0.00	18.88 0.06 0.00	18.15 0.06 0.00	18.25 0.08 0.00	18.18 0.12 0.00	18.06 0.14 0.00	19.42 0.21 0.00	24.53 0.32 0.00	26.40 0.33 0.00	28.92 0.34 0.00	23.10 0.23 0.00	19.21 0.20 0.00	21.53 0.21 0.00
NM_CENTRAL___DRP 24181	18.34 -0.09 0.00	15.75 -0.09 0.00	13.31 -0.08 0.00	14.62 -0.09 0.00	12.56 -0.09 0.00	19.91 -0.08 0.00	18.32 -0.08 0.00	24.19 -0.10 0.00	28.83 -0.18 0.00	27.92 -0.16 0.00	21.20 -0.09 0.00	20.31 -0.07 0.00	18.80 -0.03 0.00	18.08 -0.01 0.00	18.15 -0.02 0.00	18.03 -0.04 0.00	17.86 -0.06 0.00	19.16 -0.06 0.00	24.14 -0.07 0.00	25.98 -0.08 0.00	28.49 -0.08 0.00	22.76 -0.11 0.00	18.92 -0.09 0.00	21.25 -0.08 0.00
NM_FRONTIER___DRP 24179	17.74 -0.70 0.00	15.27 -0.56 0.00	12.90 -0.49 0.00	14.27 -0.43 0.00	12.15 -0.49 0.00	19.40 -0.59 0.00	17.70 -0.71 0.00	23.17 -1.11 0.00	27.49 -1.51 0.00	26.77 -1.31 0.00	20.48 -0.82 0.00	19.81 -0.57 0.00	18.51 -0.32 0.00	17.82 -0.27 0.00	17.81 -0.36 0.00	17.60 -0.47 0.00	17.34 -0.59 0.00	18.47 -0.75 0.00	22.95 -1.26 0.00	24.77 -1.29 0.00	27.16 -1.42 0.00	21.70 -1.17 0.00	18.14 -0.87 0.00	20.50 -0.82 0.00

NM_ST_REGIS___HYD 24053	18.38 -0.06 0.00	15.74 -0.09 0.00	13.28 -0.11 0.00	14.65 -0.05 0.00	12.60 -0.05 0.00	19.96 -0.04 0.00	18.42 0.02 0.00	24.30 0.02 0.00	28.99 -0.02 0.00	28.03 -0.05 0.00	21.33 0.04 0.00	20.37 -0.01 0.00	18.70 -0.13 0.00	17.79 -0.31 0.00	17.73 -0.43 0.00	17.62 -0.44 0.00	17.50 -0.42 0.00	18.72 -0.50 0.00	23.58 -0.63 0.00	25.53 -0.53 0.00	28.11 -0.47 0.00	22.69 -0.19 0.00	19.01 0.00 0.00	21.30 -0.03 0.00
NORTHPORT___1 23551	19.55 1.11 0.00	16.73 0.90 0.00	14.17 0.78 0.00	15.47 0.77 0.00	13.29 0.64 0.00	21.00 1.00 0.00	19.33 0.92 0.00	25.70 1.42 0.00	30.67 1.66 0.00	30.12 2.01 -0.03	23.49 1.69 -0.49	22.37 1.63 -0.37	20.40 1.44 -0.14	19.36 1.27 0.00	19.43 1.26 0.00	19.43 1.37 0.00	19.15 1.23 0.00	20.49 1.28 0.00	25.86 1.65 0.00	27.56 1.50 0.00	30.24 1.66 0.00	24.21 1.33 0.00	20.19 1.19 0.00	22.62 1.29 0.00
NORTHPORT___2 23552	19.55 1.11 0.00	16.73 0.90 0.00	14.17 0.78 0.00	15.47 0.77 0.00	13.29 0.64 0.00	21.00 1.00 0.00	19.33 0.92 0.00	25.70 1.42 0.00	30.67 1.66 0.00	30.12 2.01 -0.03	23.49 1.69 -0.49	22.37 1.63 -0.37	20.40 1.44 -0.14	19.36 1.27 0.00	19.43 1.26 0.00	19.43 1.37 0.00	19.15 1.23 0.00	20.49 1.28 0.00	25.86 1.65 0.00	27.56 1.50 0.00	30.24 1.66 0.00	24.21 1.33 0.00	20.19 1.19 0.00	22.62 1.29 0.00
NORTHPORT___3 23553	18.99 1.16 0.61	16.15 0.94 0.62	14.01 0.74 0.13	15.29 0.73 0.14	12.44 0.68 0.87	19.76 1.06 1.29	18.01 0.97 1.37	25.65 1.46 0.09	30.00 1.72 0.73	30.04 2.07 0.11	23.07 1.74 -0.03	22.17 1.48 -0.31	20.28 1.32 -0.13	19.27 1.18 0.00	19.34 1.18 0.00	19.33 1.27 0.00	19.10 1.18 0.00	20.47 1.25 0.00	25.86 1.65 0.00	27.55 1.48 0.00	30.22 1.64 0.00	24.16 1.29 0.00	20.17 1.16 0.01	22.51 1.18 0.00
NORTHPORT___4 23650	18.99 1.16 0.61	16.15 0.94 0.62	14.01 0.74 0.13	15.29 0.73 0.14	12.44 0.68 0.87	19.76 1.06 1.29	18.01 0.97 1.37	25.65 1.46 0.09	30.00 1.72 0.73	30.04 2.07 0.11	23.07 1.74 -0.03	22.17 1.48 -0.31	20.28 1.32 -0.13	19.27 1.18 0.00	19.34 1.18 0.00	19.33 1.27 0.00	19.10 1.18 0.00	20.47 1.25 0.00	25.86 1.65 0.00	27.55 1.48 0.00	30.22 1.64 0.00	24.16 1.29 0.00	20.17 1.16 0.01	22.51 1.18 0.00
NORTHPORT___IC 23718	19.55 1.11 0.00	16.73 0.90 0.00	14.17 0.78 0.00	15.47 0.77 0.00	13.29 0.64 0.00	20.99 1.00 0.00	19.33 0.92 0.00	25.70 1.42 0.00	30.66 1.66 0.00	30.12 2.01 -0.03	23.48 1.69 -0.49	22.38 1.64 -0.37	20.40 1.43 -0.14	19.37 1.27 0.00	19.43 1.26 0.00	19.43 1.37 0.00	19.15 1.23 0.00	20.49 1.28 0.00	25.86 1.65 0.00	27.56 1.50 0.00	30.24 1.66 0.00	24.21 1.33 0.00	20.19 1.19 0.00	22.62 1.29 0.00
NORTH___COUNTRY_ESR 323785	18.79 0.35 0.00	16.12 0.28 0.00	13.60 0.20 0.00	15.01 0.31 0.00	12.95 0.31 0.00	20.45 0.46 0.00	18.90 0.49 0.00	25.01 0.72 0.00	29.91 0.90 0.00	28.89 0.81 0.00	21.78 0.48 0.00	20.74 0.37 0.00	19.09 0.26 0.00	18.27 0.17 0.00	18.32 0.15 0.00	18.18 0.12 0.00	18.00 0.08 0.00	19.19 -0.03 0.00	24.08 -0.13 0.00	26.11 0.05 0.00	28.62 0.04 0.00	22.91 0.04 0.00	19.13 0.12 0.00	21.47 0.14 0.00
NPX_GEN_1385_PROXY 323591	19.55 1.11 0.00	16.73 0.90 0.00	14.23 0.83 0.00	15.53 0.83 0.00	13.33 0.69 0.00	21.00 1.01 0.00	19.40 0.99 0.00	25.78 1.50 0.00	30.59 1.58 0.00	30.18 2.07 -0.03	23.44 1.65 -0.49	22.37 1.63 -0.37	20.32 1.36 -0.14	19.33 1.23 0.00	19.35 1.18 0.00	19.38 1.32 0.00	19.08 1.16 0.00	20.38 1.17 0.00	25.87 1.66 0.00	27.73 1.67 0.00	30.44 1.86 0.00	24.21 1.33 0.00	20.24 1.23 0.00	22.97 1.29 -0.34
NPX_GEN_CSC 323557	30.01 1.57 -10.00	27.34 1.29 -10.22	16.60 1.09 -2.11	18.14 1.11 -2.32	28.00 0.94 -14.42	42.68 1.50 -21.19	42.28 1.40 -22.47	27.88 2.07 -1.53	43.39 2.47 -11.91	33.14 2.78 -2.28	31.21 2.26 -7.65	23.49 2.10 -1.01	20.77 1.78 -0.16	19.65 1.56 0.00	19.72 1.55 0.00	19.73 1.67 0.00	19.50 1.58 0.00	20.92 1.70 0.00	26.50 2.29 0.00	28.30 2.24 0.00	31.07 2.49 0.00	24.88 1.96 -0.05	20.77 1.69 -0.07	23.46 1.79 -0.34
NSINS_S_GLNS_FALLS 23858	18.97 0.54 0.00	16.32 0.49 0.00	13.88 0.49 0.00	15.21 0.51 0.00	13.10 0.46 0.00	20.60 0.61 0.00	19.12 0.71 0.00	25.32 1.03 0.00	30.03 1.02 0.00	28.80 0.72 0.00	21.92 0.62 0.00	20.87 0.49 0.00	19.07 0.25 0.00	18.35 0.25 0.00	18.47 0.30 0.00	18.40 0.34 0.00	18.34 0.42 0.00	19.93 0.72 0.00	25.36 1.15 0.00	27.38 1.31 0.00	30.02 1.44 0.00	23.92 1.05 0.00	19.75 0.74 0.00	21.95 0.62 0.00
NUCOR_STEEL___DRP 24197	18.49 0.05 0.00	15.88 0.04 0.00	13.42 0.02 0.00	14.74 0.03 0.00	12.66 0.01 0.00	20.10 0.10 0.00	18.48 0.08 0.00	24.39 0.11 0.00	29.25 0.24 0.00	28.33 0.25 0.00	21.37 0.07 0.00	20.47 0.09 0.00	18.96 0.13 0.00	18.22 0.13 0.00	18.30 0.13 0.00	18.24 0.18 0.00	18.07 0.15 0.00	19.34 0.12 0.00	24.46 0.26 0.00	26.26 0.19 0.00	28.77 0.19 0.00	23.06 0.19 0.00	19.17 0.16 0.00	21.53 0.21 0.00
NUMBER_THREE_WT_PWR 323818	18.88 0.44 0.00	16.18 0.35 0.00	13.66 0.27 0.00	15.01 0.31 0.00	12.92 0.27 0.00	20.49 0.50 0.00	18.87 0.46 0.00	24.78 0.50 0.00	29.19 0.18 0.00	27.99 -0.08 0.00	21.29 0.00 0.00	20.37 -0.01 0.00	18.82 -0.01 0.00	18.06 -0.04 0.00	18.05 -0.11 0.00	17.92 -0.14 0.00	17.82 -0.10 0.00	19.18 -0.03 0.00	24.52 0.31 0.00	26.57 0.50 0.00	29.34 0.76 0.00	23.49 0.62 0.00	19.36 0.35 0.00	21.57 0.24 0.00
NYISO_LBMP_REFERENCE 24008	18.44 0.00 0.00	15.83 0.00 0.00	13.40 0.00 0.00	14.70 0.00 0.00	12.65 0.00 0.00	19.99 0.00 0.00	18.41 0.00 0.00	24.28 0.00 0.00	29.01 0.00 0.00	28.08 0.00 0.00	21.30 0.00 0.00	20.38 0.00 0.00	18.83 0.00 0.00	18.09 0.00 0.00	18.17 0.00 0.00	18.06 0.00 0.00	17.92 0.00 0.00	19.21 0.00 0.00	24.21 0.00 0.00	26.07 0.00 0.00	28.58 0.00 0.00	22.87 0.00 0.00	19.01 0.00 0.00	21.33 0.00 0.00
NYPA_BRENTWD____GT 24164	21.50 1.37 -1.69	18.67 1.11 -1.73	14.69 0.94 -0.36	16.05 0.95 -0.39	15.89 0.80 -2.44	24.85 1.27 -3.59	23.40 1.19 -3.80	26.33 1.79 -0.26	33.14 2.12 -2.02	30.94 2.44 -0.42	25.21 2.02 -1.89	22.89 1.90 -0.61	20.68 1.66 -0.19	19.55 1.46 0.00	19.60 1.43 0.00	19.62 1.55 0.00	19.36 1.44 0.00	20.75 1.53 0.00	26.26 2.06 0.00	28.01 1.95 0.00	30.73 2.16 0.00	24.58 1.70 -0.01	20.49 1.47 -0.01	22.89 1.57 0.00
NYPA_GOWANUS____GT5 24156	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00

NYPA_GOWANUS____GT6 24157	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.02 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.65 0.00	21.91 1.54 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00
NYPA_HARLEM__RVR__GT1 24160	19.44 1.00 0.00	16.69 0.85 0.00	14.12 0.73 0.00	15.42 0.72 0.00	13.26 0.61 0.00	20.90 0.91 0.00	19.28 0.87 0.00	25.69 1.41 0.00	30.70 1.69 0.00	29.97 1.89 0.00	22.80 1.50 0.00	21.78 1.41 0.00	20.14 1.31 0.00	19.31 1.22 0.00	19.40 1.23 0.00	19.33 1.27 0.00	19.19 1.27 0.00	20.63 1.42 0.00	25.96 1.76 0.00	27.81 1.74 0.00	30.42 1.84 0.00	24.29 1.42 0.00	20.12 1.11 0.00	22.50 1.18 0.00
NYPA_HARLEM__RVR__GT2 24161	19.44 1.00 0.00	16.69 0.85 0.00	14.12 0.73 0.00	15.42 0.72 0.00	13.26 0.61 0.00	20.90 0.91 0.00	19.28 0.87 0.00	25.69 1.41 0.00	30.70 1.69 0.00	29.97 1.89 0.00	22.80 1.50 0.00	21.78 1.41 0.00	20.14 1.31 0.00	19.31 1.22 0.00	19.40 1.23 0.00	19.33 1.27 0.00	19.19 1.27 0.00	20.63 1.42 0.00	25.96 1.76 0.00	27.81 1.74 0.00	30.42 1.84 0.00	24.29 1.42 0.00	20.12 1.11 0.00	22.50 1.18 0.00
NYPA_KENT____GT 24152	19.52 1.09 0.00	16.74 0.91 0.00	14.15 0.76 0.00	15.46 0.75 0.00	13.30 0.65 0.00	20.99 1.00 0.00	19.34 0.94 0.00	25.75 1.47 0.00	30.80 1.80 0.00	30.08 2.01 0.00	22.91 1.61 0.00	21.89 1.51 0.00	20.23 1.40 0.00	19.42 1.33 0.00	19.51 1.34 0.00	19.44 1.37 0.00	19.30 1.38 0.00	20.74 1.53 0.00	26.13 1.93 0.00	27.96 1.90 0.00	30.59 2.01 0.00	24.40 1.53 0.00	20.20 1.19 0.00	22.59 1.27 0.00
NYPA_POUCH1____GT 24155	19.51 1.07 0.00	16.75 0.91 0.00	14.16 0.76 0.00	15.45 0.75 0.00	13.30 0.66 0.00	21.02 1.03 0.00	19.35 0.95 0.00	25.71 1.43 0.00	30.72 1.71 0.00	29.99 1.91 0.00	22.86 1.56 0.00	21.82 1.44 0.00	20.18 1.35 0.00	19.37 1.28 0.00	19.44 1.27 0.00	19.37 1.30 0.00	19.23 1.31 0.00	20.70 1.48 0.00	26.09 1.88 0.00	27.92 1.86 0.00	30.54 1.97 0.00	24.38 1.51 0.00	20.18 1.17 0.00	22.57 1.25 0.00
NYPA_VERNON____GT2 24162	19.49 1.05 0.00	16.72 0.88 0.00	14.14 0.74 0.00	15.44 0.74 0.00	13.29 0.64 0.00	20.97 0.98 0.00	19.32 0.91 0.00	25.72 1.44 0.00	30.77 1.77 0.00	30.05 1.98 0.00	22.88 1.59 0.00	21.86 1.48 0.00	20.20 1.38 0.00	19.39 1.29 0.00	19.48 1.32 0.00	19.41 1.35 0.00	19.27 1.36 0.00	20.72 1.50 0.00	26.09 1.89 0.00	27.91 1.85 0.00	30.53 1.96 0.00	24.37 1.49 0.00	20.16 1.16 0.00	22.57 1.24 0.00
NYPA_VERNON____GT3 24163	19.49 1.05 0.00	16.72 0.88 0.00	14.14 0.74 0.00	15.44 0.74 0.00	13.29 0.64 0.00	20.97 0.98 0.00	19.32 0.91 0.00	25.72 1.44 0.00	30.77 1.77 0.00	30.05 1.98 0.00	22.88 1.59 0.00	21.86 1.48 0.00	20.20 1.38 0.00	19.39 1.29 0.00	19.48 1.32 0.00	19.41 1.35 0.00	19.27 1.36 0.00	20.72 1.50 0.00	26.09 1.89 0.00	27.91 1.85 0.00	30.53 1.96 0.00	24.37 1.49 0.00	20.16 1.16 0.00	22.57 1.24 0.00
NYPA__ASTORIA_CC1 323568	19.46 1.02 0.00	16.69 0.85 0.00	14.11 0.72 0.00	15.42 0.71 0.00	13.26 0.62 0.00	20.93 0.94 0.00	19.27 0.87 0.00	25.66 1.38 0.00	30.70 1.69 0.00	29.98 1.90 0.00	22.82 1.52 0.00	21.80 1.43 0.00	20.15 1.32 0.00	19.34 1.25 0.00	19.43 1.26 0.00	19.36 1.30 0.00	19.22 1.30 0.00	20.66 1.45 0.00	26.02 1.81 0.00	27.84 1.77 0.00	30.45 1.87 0.00	24.30 1.43 0.00	20.12 1.11 0.00	22.51 1.18 0.00
NYPA__ASTORIA_CC2 323569	19.46 1.02 0.00	16.69 0.85 0.00	14.11 0.72 0.00	15.42 0.71 0.00	13.26 0.62 0.00	20.93 0.94 0.00	19.27 0.87 0.00	25.66 1.38 0.00	30.70 1.69 0.00	29.98 1.90 0.00	22.82 1.52 0.00	21.80 1.43 0.00	20.15 1.32 0.00	19.34 1.25 0.00	19.43 1.26 0.00	19.36 1.30 0.00	19.22 1.30 0.00	20.66 1.45 0.00	26.02 1.81 0.00	27.84 1.77 0.00	30.45 1.87 0.00	24.30 1.43 0.00	20.12 1.11 0.00	22.51 1.18 0.00
NYPA__HOLTSVILL 23794	29.93 1.35 -10.14	27.30 1.10 -10.36	16.48 0.93 -2.14	18.00 0.95 -2.35	28.06 0.80 -14.62	42.73 1.26 -21.48	42.36 1.16 -22.79	27.58 1.75 -1.55	43.15 2.06 -12.08	32.78 2.38 -2.31	31.01 1.97 -7.74	23.24 1.85 -1.02	20.59 1.60 -0.16	19.50 1.41 0.00	19.57 1.52 0.00	19.58 1.52 0.00	19.33 1.40 0.00	20.70 1.48 0.00	26.19 1.98 0.00	27.95 1.88 0.00	30.65 2.07 0.00	24.56 1.64 -0.05	20.51 1.43 -0.07	22.84 1.52 0.00
NYPA____HELLGATE_GT1 24158	19.44 1.00 0.00	16.69 0.85 0.00	14.12 0.73 0.00	15.42 0.72 0.00	13.26 0.61 0.00	20.90 0.91 0.00	19.28 0.87 0.00	25.69 1.41 0.00	30.70 1.69 0.00	29.97 1.89 0.00	22.80 1.50 0.00	21.78 1.41 0.00	20.14 1.31 0.00	19.31 1.22 0.00	19.40 1.23 0.00	19.33 1.27 0.00	19.19 1.27 0.00	20.63 1.42 0.00	25.96 1.76 0.00	27.81 1.74 0.00	30.42 1.84 0.00	24.29 1.42 0.00	20.12 1.11 0.00	22.50 1.18 0.00
NYPA____HELLGATE_GT2 24159	19.44 1.00 0.00	16.69 0.85 0.00	14.12 0.73 0.00	15.42 0.72 0.00	13.26 0.61 0.00	20.90 0.91 0.00	19.28 0.87 0.00	25.69 1.41 0.00	30.70 1.69 0.00	29.97 1.89 0.00	22.80 1.50 0.00	21.78 1.41 0.00	20.14 1.31 0.00	19.31 1.22 0.00	19.40 1.23 0.00	19.33 1.27 0.00	19.19 1.27 0.00	20.63 1.42 0.00	25.96 1.76 0.00	27.81 1.74 0.00	30.42 1.84 0.00	24.29 1.42 0.00	20.12 1.11 0.00	22.50 1.18 0.00
NYS_BARGE__HYD 23848	18.08 -0.36 0.00	15.58 -0.26 0.00	13.16 -0.24 0.00	14.55 -0.16 0.00	12.39 -0.25 0.00	19.79 -0.20 0.00	18.07 -0.34 0.00	23.64 -0.65 0.00	28.16 -0.85 0.00	27.41 -0.67 0.00	20.90 -0.40 0.00	20.17 -0.20 0.00	18.81 -0.02 0.00	18.13 0.04 0.00	18.11 -0.06 0.00	17.89 -0.18 0.00	17.65 -0.27 0.00	18.82 -0.39 0.00	23.45 -0.76 0.00	25.30 -0.76 0.00	27.82 -0.76 0.00	22.26 -0.62 0.00	18.57 -0.44 0.00	20.90 -0.43 0.00
OAK ORCHARD__HYD 24046	18.25 -0.19 0.00	15.68 -0.16 0.00	13.25 -0.15 0.00	14.60 -0.10 0.00	12.50 -0.15 0.00	19.91 -0.08 0.00	18.26 -0.15 0.00	24.04 -0.25 0.00	28.63 -0.38 0.00	27.76 -0.31 0.00	21.11 -0.19 0.00	20.31 -0.06 0.00	18.87 0.05 0.00	18.18 0.09 0.00	18.21 0.05 0.00	18.05 -0.02 0.00	17.85 -0.08 0.00	19.08 -0.13 0.00	23.94 -0.27 0.00	25.81 -0.26 0.00	28.34 -0.23 0.00	22.63 -0.24 0.00	18.83 -0.18 0.00	21.15 -0.17 0.00
OAKDALE__35_KV_LOAD 356122	18.64 0.20 0.00	16.01 0.18 0.00	13.54 0.14 0.00	14.86 0.16 0.00	12.75 0.11 0.00	20.22 0.23 0.00	18.56 0.15 0.00	24.58 0.30 0.00	29.35 0.34 0.00	28.48 0.40 0.00	21.66 0.36 0.00	20.75 0.38 0.00	19.23 0.40 0.00	18.49 0.40 0.00	18.57 0.40 0.00	18.43 0.36 0.00	18.26 0.34 0.00	19.61 0.39 0.00	24.63 0.43 0.00	26.46 0.40 0.00	28.97 0.39 0.00	23.12 0.25 0.00	19.21 0.20 0.00	21.54 0.21 0.00

OCC_CHEM___DRP 24175	17.78 -0.67 0.00	15.30 -0.53 0.00	12.93 -0.47 0.00	14.30 -0.40 0.00	12.18 -0.47 0.00	19.44 -0.55 0.00	17.74 -0.67 0.00	23.23 -1.06 0.00	27.56 -1.45 0.00	26.84 -1.24 0.00	20.53 -0.77 0.00	19.85 -0.52 0.00	18.55 -0.28 0.00	17.86 -0.23 0.00	17.86 -0.31 0.00	17.63 -0.43 0.00	17.38 -0.54 0.00	18.51 -0.71 0.00	23.00 -1.21 0.00	24.83 -1.24 0.00	27.23 -1.35 0.00	21.75 -1.12 0.00	18.18 -0.83 0.00	20.55 -0.78 0.00
OH_GEN_PROXY 24063	17.91 -0.53 0.00	15.42 -0.41 0.00	13.03 -0.37 0.00	14.40 -0.30 0.00	12.27 -0.37 0.00	19.59 -0.40 0.00	17.88 -0.53 0.00	23.47 -0.81 0.00	27.99 -1.02 0.00	27.23 -0.85 0.00	20.75 -0.55 0.00	20.03 -0.34 0.00	18.67 -0.15 0.00	17.99 -0.10 0.00	17.99 -0.18 0.00	17.78 -0.29 0.00	17.52 -0.40 0.00	18.69 -0.53 0.00	23.29 -0.92 0.00	25.13 -0.94 0.00	27.58 -0.99 0.00	22.05 -0.82 0.00	18.41 -0.60 0.00	21.08 -0.59 -0.34
OLIN_CORP_DRP 24177	17.84 -0.60 0.00	15.37 -0.46 0.00	13.00 -0.40 0.00	14.37 -0.34 0.00	12.23 -0.41 0.00	19.53 -0.46 0.00	17.82 -0.59 0.00	23.26 -1.02 0.00	27.72 -1.29 0.00	27.00 -1.08 0.00	20.59 -0.71 0.00	19.85 -0.53 0.00	18.54 -0.29 0.00	17.85 -0.24 0.00	17.84 -0.33 0.00	17.63 -0.44 0.00	17.38 -0.54 0.00	18.52 -0.70 0.00	23.02 -1.18 0.00	24.85 -1.21 0.00	27.33 -1.24 0.00	21.90 -0.97 0.00	18.29 -0.72 0.00	20.59 -0.73 0.00
OLIN_CORP_DSASP 323712	17.77 -0.67 0.00	15.30 -0.53 0.00	12.93 -0.47 0.00	14.30 -0.40 0.00	12.18 -0.47 0.00	19.44 -0.55 0.00	17.74 -0.67 0.00	23.22 -1.06 0.00	27.56 -1.45 0.00	26.84 -1.24 0.00	20.52 -0.78 0.00	19.88 -0.50 0.00	18.55 -0.28 0.00	17.86 -0.23 0.00	17.86 -0.31 0.00	17.63 -0.43 0.00	17.38 -0.54 0.00	18.51 -0.71 0.00	23.00 -1.21 0.00	24.83 -1.24 0.00	27.23 -1.35 0.00	21.76 -1.12 0.00	18.18 -0.83 0.00	20.55 -0.78 0.00
ONEIDA_HERK_LFGE 323681	18.87 0.43 0.00	16.18 0.35 0.00	13.68 0.28 0.00	15.01 0.31 0.00	12.92 0.27 0.00	20.47 0.48 0.00	18.87 0.46 0.00	24.83 0.55 0.00	29.43 0.42 0.00	28.34 0.26 0.00	21.53 0.23 0.00	20.57 0.19 0.00	19.01 0.18 0.00	18.26 0.16 0.00	18.31 0.14 0.00	18.19 0.13 0.00	18.09 0.17 0.00	19.45 0.24 0.00	24.72 0.52 0.00	26.71 0.64 0.00	29.37 0.80 0.00	23.49 0.61 0.00	19.43 0.42 0.00	21.70 0.37 0.00
ONEIDA___115KV_TB4 55905	18.94 0.49 0.00	16.24 0.41 0.00	13.73 0.33 0.00	15.06 0.36 0.00	12.95 0.31 0.00	20.54 0.54 0.00	18.92 0.51 0.00	24.90 0.62 0.00	29.54 0.53 0.00	28.50 0.42 0.00	21.63 0.34 0.00	20.68 0.31 0.00	19.15 0.32 0.00	18.39 0.30 0.00	18.47 0.30 0.00	18.37 0.30 0.00	18.25 0.33 0.00	19.61 0.40 0.00	24.92 0.71 0.00	26.87 0.81 0.00	29.52 0.94 0.00	23.59 0.71 0.00	19.53 0.52 0.00	21.83 0.51 0.00
ONONDAGA_REF_OCCRA 23987	18.48 0.04 0.00	15.86 0.02 0.00	13.41 0.01 0.00	14.72 0.02 0.00	12.65 0.01 0.00	20.05 0.06 0.00	18.47 0.06 0.00	24.37 0.09 0.00	29.03 0.02 0.00	28.08 0.00 0.00	21.32 0.02 0.00	20.41 0.03 0.00	18.90 0.07 0.00	18.17 0.08 0.00	18.25 0.08 0.00	18.13 0.07 0.00	17.97 0.05 0.00	19.28 0.07 0.00	24.33 0.12 0.00	26.21 0.14 0.00	28.74 0.17 0.00	22.97 0.09 0.00	19.07 0.06 0.00	21.40 0.07 0.00
ONONDAGA___COGEN 23986	18.42 -0.02 0.00	15.81 -0.02 0.00	13.37 -0.03 0.00	14.68 -0.03 0.00	12.62 -0.03 0.00	20.00 0.01 0.00	18.41 0.00 0.00	24.30 0.02 0.00	28.99 -0.02 0.00	28.06 -0.02 0.00	21.28 -0.01 0.00	20.38 0.00 0.00	18.86 0.04 0.00	18.14 0.05 0.00	18.21 0.04 0.00	18.10 0.04 0.00	17.94 0.02 0.00	19.24 0.03 0.00	24.26 0.05 0.00	26.11 0.04 0.00	28.63 0.05 0.00	22.88 0.00 0.00	19.01 0.00 0.00	21.35 0.03 0.00
ONTARIO___LFGE 23819	18.52 0.08 0.00	15.89 0.06 0.00	13.42 0.03 0.00	14.76 0.06 0.00	12.66 0.01 0.00	20.13 0.14 0.00	18.50 0.09 0.00	24.50 0.22 0.00	29.14 0.13 0.00	28.24 0.16 0.00	21.44 0.14 0.00	20.56 0.19 0.00	19.08 0.26 0.00	18.36 0.27 0.00	18.43 0.26 0.00	18.27 0.21 0.00	18.08 0.16 0.00	19.43 0.22 0.00	24.45 0.24 0.00	26.39 0.32 0.00	28.86 0.29 0.00	23.07 0.19 0.00	19.13 0.12 0.00	21.44 0.11 0.00
ORANGEVILLE_WT_PWR 323706	18.21 -0.23 0.00	15.65 -0.19 0.00	13.19 -0.20 0.00	14.58 -0.12 0.00	12.41 -0.23 0.00	19.76 -0.23 0.00	18.04 -0.37 0.00	23.86 -0.42 0.00	28.62 -0.39 0.00	27.97 -0.11 0.00	21.38 0.08 0.00	20.62 0.25 0.00	19.22 0.39 0.00	18.51 0.41 0.00	18.51 0.34 0.00	18.28 0.21 0.00	18.01 0.08 0.00	19.20 -0.02 0.00	23.96 -0.25 0.00	25.85 -0.22 0.00	28.34 -0.23 0.00	22.59 -0.28 0.00	18.74 -0.26 0.00	21.12 -0.20 0.00
ORANGEVILLE___ESR 323794	18.21 -0.23 0.00	15.65 -0.19 0.00	13.19 -0.20 0.00	14.58 -0.12 0.00	12.41 -0.23 0.00	19.76 -0.23 0.00	18.04 -0.37 0.00	23.86 -0.42 0.00	28.62 -0.39 0.00	27.97 -0.11 0.00	21.38 0.08 0.00	20.62 0.25 0.00	19.22 0.39 0.00	18.51 0.41 0.00	18.51 0.34 0.00	18.28 0.21 0.00	18.01 0.08 0.00	19.20 -0.02 0.00	23.96 -0.25 0.00	25.85 -0.22 0.00	28.34 -0.23 0.00	22.59 -0.28 0.00	18.74 -0.26 0.00	21.12 -0.20 0.00
OSWEGATCHIE___HYD 24044	18.49 0.05 0.00	15.84 0.01 0.00	13.37 -0.02 0.00	14.72 0.01 0.00	12.65 0.00 0.00	20.07 0.08 0.00	18.50 0.09 0.00	24.33 0.04 0.00	28.80 -0.21 0.00	27.73 -0.35 0.00	21.13 -0.17 0.00	20.20 -0.17 0.00	18.59 -0.24 0.00	17.76 -0.34 0.00	17.70 -0.47 0.00	17.59 -0.48 0.00	17.48 -0.44 0.00	18.78 -0.44 0.00	23.87 -0.34 0.00	25.87 -0.20 0.00	28.56 -0.02 0.00	22.97 0.10 0.00	19.09 0.08 0.00	21.34 0.02 0.00
OSWEGO___5 23606	18.12 -0.32 0.00	15.56 -0.28 0.00	13.16 -0.24 0.00	14.45 -0.26 0.00	12.42 -0.23 0.00	19.66 -0.33 0.00	18.09 -0.31 0.00	23.88 -0.41 0.00	28.48 -0.53 0.00	27.58 -0.50 0.00	20.93 -0.37 0.00	20.04 -0.34 0.00	18.55 -0.28 0.00	17.83 -0.26 0.00	17.89 -0.28 0.00	17.77 -0.30 0.00	17.61 -0.31 0.00	18.88 -0.34 0.00	23.77 -0.44 0.00	25.58 -0.48 0.00	28.05 -0.52 0.00	22.44 -0.44 0.00	18.67 -0.34 0.00	20.98 -0.35 0.00
OSWEGO___6 23613	18.12 -0.32 0.00	15.56 -0.28 0.00	13.16 -0.24 0.00	14.45 -0.26 0.00	12.42 -0.23 0.00	19.66 -0.33 0.00	18.09 -0.31 0.00	23.88 -0.41 0.00	28.48 -0.53 0.00	27.58 -0.50 0.00	20.93 -0.37 0.00	20.04 -0.34 0.00	18.55 -0.28 0.00	17.83 -0.26 0.00	17.89 -0.28 0.00	17.77 -0.30 0.00	17.61 -0.31 0.00	18.88 -0.34 0.00	23.77 -0.44 0.00	25.58 -0.48 0.00	28.05 -0.52 0.00	22.44 -0.44 0.00	18.67 -0.34 0.00	20.98 -0.35 0.00
OUTOKUMPU-AB___DRP 24206	18.21 -0.23 0.00	15.68 -0.15 0.00	13.25 -0.15 0.00	14.64 -0.07 0.00	12.47 -0.17 0.00	19.91 -0.08 0.00	18.19 -0.22 0.00	23.85 -0.43 0.00	28.41 -0.60 0.00	27.68 -0.40 0.00	21.15 -0.14 0.00	20.41 0.03 0.00	19.06 0.23 0.00	18.36 0.27 0.00	18.36 0.19 0.00	18.12 0.06 0.00	17.87 -0.05 0.00	19.05 -0.17 0.00	23.70 -0.51 0.00	25.57 -0.49 0.00	28.06 -0.52 0.00	22.43 -0.44 0.00	18.71 -0.30 0.00	21.07 -0.25 0.00

OXBOW___BTM 323836	18.00 -0.44 0.00	15.50 -0.33 0.00	13.09 -0.30 0.00	14.47 -0.23 0.00	12.33 -0.32 0.00	19.68 -0.31 0.00	17.97 -0.44 0.00	23.54 -0.74 0.00	27.99 -1.02 0.00	27.27 -0.81 0.00	20.84 -0.45 0.00	20.16 -0.21 0.00	18.82 -0.01 0.00	18.13 0.03 0.00	18.12 -0.05 0.00	17.89 -0.18 0.00	17.64 -0.29 0.00	18.79 -0.43 0.00	23.37 -0.84 0.00	25.21 -0.85 0.00	27.66 -0.92 0.00	22.11 -0.76 0.00	18.45 -0.56 0.00	20.82 -0.50 0.00
OXBOW____ 24026	18.01 -0.43 0.00	15.50 -0.33 0.00	13.09 -0.30 0.00	14.47 -0.23 0.00	12.33 -0.32 0.00	19.68 -0.31 0.00	17.97 -0.44 0.00	23.55 -0.74 0.00	27.99 -1.02 0.00	27.28 -0.80 0.00	20.84 -0.45 0.00	20.14 -0.24 0.00	18.82 -0.01 0.00	18.13 0.03 0.00	18.12 -0.05 0.00	17.89 -0.18 0.00	17.64 -0.29 0.00	18.79 -0.43 0.00	23.37 -0.84 0.00	25.21 -0.85 0.00	27.65 -0.92 0.00	22.11 -0.76 0.00	18.45 -0.56 0.00	20.82 -0.51 0.00
OXY_CHEM_DSASP 323612	17.78 -0.67 0.00	15.30 -0.53 0.00	12.93 -0.47 0.00	14.30 -0.40 0.00	12.18 -0.47 0.00	19.44 -0.55 0.00	17.74 -0.67 0.00	23.23 -1.06 0.00	27.56 -1.45 0.00	26.84 -1.24 0.00	20.53 -0.77 0.00	19.85 -0.52 0.00	18.55 -0.28 0.00	17.86 -0.23 0.00	17.86 -0.31 0.00	17.63 -0.43 0.00	17.38 -0.54 0.00	18.51 -0.71 0.00	23.00 -1.21 0.00	24.83 -1.24 0.00	27.23 -1.35 0.00	21.75 -1.12 0.00	18.18 -0.83 0.00	20.55 -0.78 0.00
OZONE_PARK_ESR 323760	19.64 1.21 0.00	16.84 1.01 0.00	14.24 0.84 0.00	15.56 0.85 0.00	13.38 0.74 0.00	21.12 1.13 0.00	19.46 1.06 0.00	25.92 1.63 0.00	31.00 2.00 0.00	30.29 2.22 0.00	23.05 1.76 0.00	22.05 1.67 0.00	20.35 1.53 0.00	19.52 1.43 0.00	19.63 1.46 0.00	19.55 1.49 0.00	19.42 1.50 0.00	20.88 1.66 0.00	26.30 2.09 0.00	28.13 2.06 0.00	30.78 2.21 0.00	24.57 1.69 0.00	20.33 1.32 0.00	22.71 1.39 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.78 -0.67 0.00	15.30 -0.53 0.00	12.93 -0.47 0.00	14.30 -0.40 0.00	12.18 -0.47 0.00	19.44 -0.55 0.00	17.74 -0.67 0.00	23.23 -1.06 0.00	27.56 -1.45 0.00	26.84 -1.24 0.00	20.53 -0.77 0.00	19.85 -0.52 0.00	18.55 -0.28 0.00	17.86 -0.23 0.00	17.86 -0.31 0.00	17.63 -0.43 0.00	17.38 -0.54 0.00	18.51 -0.71 0.00	23.00 -1.21 0.00	24.83 -1.24 0.00	27.23 -1.35 0.00	21.75 -1.12 0.00	18.18 -0.83 0.00	20.55 -0.78 0.00
PACKARD__115KV_DUPONT_184 80571	17.78 -0.67 0.00	15.30 -0.53 0.00	12.93 -0.47 0.00	14.30 -0.40 0.00	12.18 -0.47 0.00	19.44 -0.55 0.00	17.74 -0.67 0.00	23.23 -1.06 0.00	27.56 -1.45 0.00	26.84 -1.24 0.00	20.53 -0.77 0.00	19.85 -0.52 0.00	18.55 -0.28 0.00	17.86 -0.23 0.00	17.86 -0.31 0.00	17.63 -0.43 0.00	17.38 -0.54 0.00	18.51 -0.71 0.00	23.00 -1.21 0.00	24.83 -1.24 0.00	27.23 -1.35 0.00	21.75 -1.12 0.00	18.18 -0.83 0.00	20.55 -0.78 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.45 1.01 0.00	16.69 0.86 0.00	14.12 0.72 0.00	15.42 0.71 0.00	13.25 0.61 0.00	20.92 0.92 0.00	19.29 0.88 0.00	25.69 1.41 0.00	30.71 1.70 0.00	29.96 1.88 0.00	22.80 1.50 0.00	21.79 1.42 0.00	20.14 1.31 0.00	19.31 1.21 0.00	19.40 1.24 0.00	19.34 1.27 0.00	19.20 1.28 0.00	20.64 1.42 0.00	25.99 1.78 0.00	27.83 1.76 0.00	30.45 1.87 0.00	24.32 1.44 0.00	20.13 1.12 0.00	22.52 1.19 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.52 1.08 0.00	16.75 0.91 0.00	14.18 0.78 0.00	15.49 0.79 0.00	13.32 0.67 0.00	21.02 1.03 0.00	19.39 0.98 0.00	25.82 1.53 0.00	30.84 1.83 0.00	30.07 1.99 0.00	22.86 1.57 0.00	21.83 1.46 0.00	20.18 1.35 0.00	19.33 1.23 0.00	19.41 1.24 0.00	19.34 1.27 0.00	19.21 1.28 0.00	20.65 1.44 0.00	26.04 1.84 0.00	27.86 1.80 0.00	30.52 1.95 0.00	24.38 1.50 0.00	20.17 1.16 0.00	22.57 1.25 0.00
PATROON__115KV_TB1 80586	18.65 0.21 0.00	16.03 0.20 0.00	13.63 0.23 0.00	14.88 0.18 0.00	12.84 0.20 0.00	20.16 0.17 0.00	18.59 0.18 0.00	24.48 0.19 0.00	29.16 0.16 0.00	28.24 0.16 0.00	21.44 0.14 0.00	20.50 0.13 0.00	18.94 0.12 0.00	18.20 0.11 0.00	18.30 0.13 0.00	18.24 0.18 0.00	18.14 0.22 0.00	19.50 0.29 0.00	24.61 0.41 0.00	26.48 0.42 0.00	29.01 0.44 0.00	23.16 0.29 0.00	19.27 0.25 0.00	21.58 0.25 0.00
PATTRSNVILLE__SOLAR 323815	19.09 0.65 0.00	16.38 0.55 0.00	13.87 0.47 0.00	15.20 0.49 0.00	13.08 0.43 0.00	20.69 0.70 0.00	19.07 0.67 0.00	25.19 0.90 0.00	29.95 0.95 0.00	28.84 0.76 0.00	21.81 0.52 0.00	20.85 0.48 0.00	19.23 0.40 0.00	18.46 0.37 0.00	18.53 0.37 0.00	18.49 0.42 0.00	18.39 0.47 0.00	19.86 0.65 0.00	25.08 0.88 0.00	27.14 1.07 0.00	29.76 1.19 0.00	23.77 0.90 0.00	19.71 0.70 0.00	22.08 0.76 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.69 0.25 0.00	16.08 0.25 0.00	13.57 0.18 0.00	15.00 0.31 0.00	12.79 0.14 0.00	20.40 0.41 0.00	18.63 0.22 0.00	24.59 0.30 0.00	29.38 0.37 0.00	28.57 0.49 0.00	21.76 0.47 0.00	20.96 0.58 0.00	19.55 0.72 0.00	18.84 0.74 0.00	18.84 0.67 0.00	18.61 0.55 0.00	18.37 0.45 0.00	19.61 0.39 0.00	24.43 0.22 0.00	26.32 0.26 0.00	28.87 0.30 0.00	23.07 0.20 0.00	19.24 0.23 0.00	21.64 0.31 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.53 1.09 0.00	16.76 0.92 0.00	14.18 0.78 0.00	15.49 0.79 0.00	13.34 0.69 0.00	21.06 1.07 0.00	19.43 1.02 0.00	25.81 1.53 0.00	30.83 1.82 0.00	30.00 1.92 0.00	22.82 1.52 0.00	21.78 1.41 0.00	20.11 1.29 0.00	19.30 1.21 0.00	19.41 1.24 0.00	19.35 1.28 0.00	19.22 1.30 0.00	20.70 1.49 0.00	26.16 1.95 0.00	28.06 2.00 0.00	30.73 2.16 0.00	24.51 1.64 0.00	20.25 1.25 0.00	22.62 1.30 0.00
PEEKSKILL____ 23653	19.37 0.93 0.00	16.62 0.78 0.00	14.07 0.67 0.00	15.37 0.67 0.00	13.23 0.58 0.00	20.87 0.88 0.00	19.22 0.82 0.00	25.56 1.27 0.00	30.55 1.54 0.00	29.78 1.70 0.00	22.67 1.37 0.00	21.64 1.27 0.00	19.99 1.16 0.00	19.18 1.09 0.00	19.28 1.12 0.00	19.21 1.14 0.00	19.07 1.15 0.00	20.52 1.30 0.00	25.90 1.69 0.00	27.75 1.68 0.00	30.37 1.79 0.00	24.23 1.36 0.00	20.05 1.04 0.00	22.41 1.09 0.00
PGE MADISON__WINDPWR 24146	19.73 1.29 0.00	16.95 1.12 0.00	14.29 0.90 0.00	15.70 1.00 0.00	13.49 0.84 0.00	21.39 1.40 0.00	19.69 1.29 0.00	25.79 1.51 0.00	30.52 1.51 0.00	29.40 1.32 0.00	22.28 0.99 0.00	21.31 0.94 0.00	19.78 0.95 0.00	19.00 0.91 0.00	19.11 0.94 0.00	19.07 1.01 0.00	19.09 1.17 0.00	20.61 1.40 0.00	25.81 1.60 0.00	27.92 1.86 0.00	30.72 2.15 0.00	24.51 1.63 0.00	20.13 1.12 0.00	22.30 0.98 0.00
PIERCEFIELD__HYD 23852	18.20 -0.24 0.00	15.59 -0.24 0.00	13.16 -0.24 0.00	14.51 -0.19 0.00	12.46 -0.18 0.00	19.75 -0.24 0.00	18.22 -0.19 0.00	24.01 -0.28 0.00	28.62 -0.39 0.00	27.68 -0.40 0.00	21.13 -0.16 0.00	20.19 -0.18 0.00	18.52 -0.31 0.00	17.61 -0.49 0.00	17.52 -0.65 0.00	17.43 -0.64 0.00	17.31 -0.61 0.00	18.53 -0.68 0.00	23.36 -0.85 0.00	25.29 -0.78 0.00	27.86 -0.72 0.00	22.54 -0.33 0.00	18.90 -0.11 0.00	21.17 -0.16 0.00

PINELAWN_CC_1 323563	20.21 1.24 -0.53	17.38 1.01 -0.54	14.34 0.84 -0.11	15.66 0.84 -0.13	14.12 0.72 -0.76	22.26 1.15 -1.12	20.69 1.10 -1.18	26.04 1.68 -0.08	31.63 2.00 -0.63	30.58 2.31 -0.20	24.76 1.88 -1.58	23.08 1.77 -0.93	20.71 1.54 -0.34	19.41 1.31 0.00	19.46 1.28 0.00	19.45 1.38 0.00	19.22 1.30 0.00	20.63 1.42 0.00	26.12 1.91 0.00	27.87 1.80 0.00	30.62 2.05 0.00	24.48 1.61 0.00	20.38 1.37 -0.01	22.76 1.43 0.00
PJM_GEN_HTP_PROXY 323702	19.49 1.05 0.00	16.71 0.88 0.00	14.13 0.74 0.00	15.44 0.74 0.00	13.29 0.64 0.00	20.97 0.98 0.00	19.31 0.90 0.00	25.69 1.41 0.00	30.73 1.73 0.00	30.03 1.95 0.00	22.78 1.57 0.08	21.85 1.47 0.00	20.19 1.36 0.00	19.37 1.28 0.00	19.47 1.30 0.00	19.25 1.34 0.15	19.26 1.34 0.00	20.70 1.49 0.00	26.07 1.86 0.00	27.88 1.81 0.00	30.49 1.92 0.00	24.34 1.46 0.00	20.15 1.14 0.00	22.54 1.21 0.00
PJM_GEN_KEystone 24065	18.82 0.38 0.00	16.18 0.34 0.00	13.67 0.28 0.00	15.00 0.30 0.00	12.86 0.22 0.00	20.41 0.42 0.00	18.72 0.32 0.00	24.84 0.56 0.00	29.69 0.68 0.00	28.92 0.84 0.00	21.93 0.72 0.08	21.10 0.72 0.00	19.55 0.72 0.00	18.79 0.69 0.00	18.86 0.69 0.00	18.56 0.65 0.15	18.54 0.62 0.00	19.89 0.68 0.00	24.99 0.78 0.00	26.79 0.73 0.00	29.31 0.73 0.00	23.37 0.50 0.00	19.41 0.40 0.00	30.73 0.45 -8.95
PJM_GEN_NEPTUNE_PROXY 323594	19.47 1.03 0.00	16.67 0.84 0.00	14.08 0.69 0.00	15.38 0.68 0.00	13.24 0.59 0.00	20.93 0.94 0.00	19.27 0.86 0.00	25.62 1.34 0.00	30.60 1.59 0.00	29.96 1.89 0.01	22.63 1.58 0.26	21.71 1.46 0.14	20.07 1.30 0.05	19.23 1.14 0.00	19.31 1.14 0.00	19.13 1.22 0.15	19.07 1.15 0.00	20.48 1.27 0.00	25.90 1.70 0.00	27.60 1.54 0.00	30.27 1.69 0.00	24.19 1.32 0.00	20.11 1.10 0.00	22.47 1.15 0.00
PJM_GEN_VFT_PROXY 323633	19.41 0.97 0.00	16.65 0.81 0.00	14.07 0.68 0.00	15.37 0.67 0.00	13.23 0.59 0.00	20.88 0.89 0.00	19.22 0.82 0.00	25.57 1.29 0.00	30.58 1.58 0.00	29.89 1.81 0.00	22.69 1.47 0.08	21.75 1.38 0.00	20.11 1.28 0.00	19.30 1.20 0.00	19.39 1.22 0.00	19.18 1.27 0.15	19.19 1.26 0.00	20.62 1.41 0.00	25.97 1.77 0.00	27.78 1.71 0.00	30.37 1.80 0.00	24.24 1.37 0.00	20.06 1.05 0.00	22.44 1.11 0.00
PLATSBRG_115KV_PMLD1 355749	19.25 0.81 0.00	16.57 0.74 0.00	14.00 0.60 0.00	15.41 0.70 0.00	13.34 0.69 0.00	21.02 1.02 0.00	19.49 1.09 0.00	25.85 1.57 0.00	30.77 1.76 0.00	29.70 1.62 0.00	22.33 1.04 0.00	21.21 0.83 0.00	19.48 0.66 0.00	18.64 0.55 0.00	18.66 0.49 0.00	18.54 0.48 0.00	18.34 0.42 0.00	19.58 0.37 0.00	24.57 0.36 0.00	26.70 0.64 0.00	29.26 0.68 0.00	23.32 0.44 0.00	19.44 0.43 0.00	21.78 0.45 0.00
PLEASANTVLY___LBMP 24000	19.21 0.77 0.00	16.50 0.67 0.00	13.98 0.58 0.00	15.28 0.57 0.00	13.15 0.50 0.00	20.72 0.73 0.00	19.09 0.69 0.00	25.35 1.06 0.00	30.28 1.27 0.00	29.46 1.38 0.00	22.40 1.11 0.00	21.39 1.01 0.00	19.74 0.91 0.00	18.94 0.85 0.00	19.05 0.89 0.00	18.98 0.91 0.00	18.82 0.90 0.00	20.27 1.05 0.00	25.62 1.42 0.00	27.50 1.43 0.00	30.12 1.54 0.00	24.04 1.16 0.00	19.89 0.88 0.00	22.23 0.91 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.37 0.94 0.00	16.63 0.80 0.00	14.07 0.67 0.00	15.37 0.67 0.00	13.23 0.59 0.00	20.87 0.88 0.00	19.23 0.83 0.00	25.56 1.28 0.00	30.55 1.55 0.00	29.77 1.70 0.00	22.66 1.36 0.00	21.64 1.27 0.00	19.98 1.15 0.00	19.17 1.08 0.00	19.28 1.11 0.00	19.20 1.14 0.00	19.05 1.13 0.00	20.51 1.30 0.00	25.89 1.69 0.00	27.75 1.68 0.00	30.38 1.80 0.00	24.24 1.36 0.00	20.05 1.04 0.00	22.41 1.09 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.37 0.94 0.00	16.63 0.80 0.00	14.07 0.67 0.00	15.37 0.67 0.00	13.23 0.59 0.00	20.87 0.88 0.00	19.23 0.83 0.00	25.56 1.28 0.00	30.55 1.55 0.00	29.77 1.70 0.00	22.66 1.36 0.00	21.64 1.27 0.00	19.98 1.15 0.00	19.17 1.08 0.00	19.28 1.11 0.00	19.20 1.14 0.00	19.05 1.13 0.00	20.51 1.30 0.00	25.89 1.69 0.00	27.75 1.68 0.00	30.38 1.80 0.00	24.24 1.36 0.00	20.05 1.04 0.00	22.41 1.09 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.61 1.17 0.00	16.82 0.99 0.00	14.23 0.83 0.00	15.55 0.84 0.00	13.39 0.74 0.00	21.14 1.15 0.00	19.52 1.11 0.00	25.92 1.63 0.00	30.90 1.89 0.00	30.04 1.96 0.00	22.82 1.52 0.00	21.77 1.39 0.00	20.09 1.27 0.00	19.29 1.19 0.00	19.39 1.22 0.00	19.34 1.27 0.00	19.25 1.32 0.00	20.77 1.56 0.00	26.28 2.07 0.00	28.22 2.16 0.00	30.91 2.34 0.00	24.65 1.77 0.00	20.36 1.35 0.00	22.72 1.39 0.00
POLETTI____ 23519	19.45 1.01 0.00	16.68 0.85 0.00	14.11 0.72 0.00	15.43 0.73 0.00	13.28 0.63 0.00	20.92 0.93 0.00	19.26 0.85 0.00	25.63 1.34 0.00	30.66 1.66 0.00	29.96 1.88 0.00	22.81 1.51 0.00	21.81 1.44 0.00	20.15 1.32 0.00	19.33 1.24 0.00	19.43 1.26 0.00	19.36 1.30 0.00	19.22 1.30 0.00	20.66 1.45 0.00	26.02 1.81 0.00	27.82 1.75 0.00	30.43 1.86 0.00	24.28 1.41 0.00	20.11 1.10 0.00	22.48 1.16 0.00
POMONA___ESR 323819	19.32 0.88 0.00	16.59 0.76 0.00	14.03 0.63 0.00	15.33 0.62 0.00	13.19 0.54 0.00	20.84 0.85 0.00	19.20 0.80 0.00	25.51 1.23 0.00	30.49 1.48 0.00	29.71 1.63 0.00	22.62 1.33 0.00	21.61 1.23 0.00	19.97 1.13 0.00	19.17 1.08 0.00	19.28 1.11 0.00	19.20 1.14 0.00	19.07 1.15 0.00	20.53 1.31 0.00	25.91 1.70 0.00	27.76 1.70 0.00	30.38 1.80 0.00	24.23 1.35 0.00	20.02 1.00 0.00	22.39 1.06 0.00
PORT_JEFF_3 23555	29.79 1.36 -9.98	27.15 1.12 -10.20	16.45 0.95 -2.11	17.98 0.96 -2.32	27.84 0.81 -14.39	42.42 1.28 -21.15	42.00 1.16 -22.43	27.51 1.70 -1.52	42.90 2.00 -11.89	32.68 2.32 -2.28	30.86 1.93 -7.64	23.18 1.80 -1.01	20.58 1.59 -0.16	19.51 1.42 0.00	19.58 1.41 0.00	19.60 1.53 0.00	19.31 1.39 0.00	20.64 1.42 0.00	26.08 1.88 0.00	27.83 1.77 0.00	30.54 1.97 0.00	24.46 1.54 -0.05	20.45 1.37 -0.07	22.79 1.46 0.00
PORT_JEFF_4 23616	29.79 1.36 -9.98	27.15 1.12 -10.20	16.45 0.95 -2.11	17.98 0.96 -2.32	27.84 0.81 -14.39	42.42 1.28 -21.15	42.00 1.16 -22.43	27.51 1.70 -1.52	42.90 2.00 -11.89	32.68 2.32 -2.28	30.86 1.93 -7.64	23.18 1.80 -1.01	20.58 1.59 -0.16	19.51 1.42 0.00	19.58 1.41 0.00	19.60 1.53 0.00	19.31 1.39 0.00	20.64 1.42 0.00	26.08 1.88 0.00	27.83 1.77 0.00	30.54 1.97 0.00	24.46 1.54 -0.05	20.45 1.37 -0.07	22.79 1.46 0.00
PORT_JEFF_IC 23713	31.52 1.40 -11.68	28.92 1.15 -11.93	16.83 0.97 -2.47	18.39 0.98 -2.71	30.31 0.83 -16.84	46.04 1.30 -24.75	45.85 1.19 -26.25	27.83 1.77 -1.79	45.01 2.09 -13.92	33.15 2.41 -2.66	32.14 1.98 -8.86	23.36 1.86 -1.13	20.63 1.63 -0.17	19.54 1.45 0.00	19.61 1.44 0.00	19.63 1.56 0.00	19.35 1.43 0.00	20.69 1.47 0.00	26.11 1.91 0.00	27.87 1.81 0.00	30.58 2.01 0.00	24.51 1.58 -0.06	20.52 1.43 -0.08	22.85 1.52 0.00

PPL PILGRIM_ST_GT1 24216	21.50 1.37 -1.69	18.67 1.11 -1.73	14.69 0.94 -0.36	16.05 0.95 -0.39	15.89 0.80 -2.44	24.85 1.27 -3.59	23.40 1.19 -3.80	26.33 1.79 -0.26	33.14 2.12 -2.02	30.94 2.44 -0.42	25.21 2.02 -1.89	22.89 1.90 -0.61	20.68 1.66 -0.19	19.55 1.46 0.00	19.60 1.43 0.00	19.62 1.55 0.00	19.36 1.44 0.00	20.75 1.53 0.00	26.26 2.06 0.00	28.01 1.95 0.00	30.73 2.16 0.00	24.58 1.70 -0.01	20.49 1.47 -0.01	22.89 1.57 0.00
PPL PILGRIM_ST_GT2 24217	21.50 1.37 -1.69	18.67 1.11 -1.73	14.69 0.94 -0.36	16.05 0.95 -0.39	15.89 0.80 -2.44	24.85 1.27 -3.59	23.40 1.19 -3.80	26.33 1.79 -0.26	33.14 2.12 -2.02	30.94 2.44 -0.42	25.21 2.02 -1.89	22.89 1.90 -0.61	20.68 1.66 -0.19	19.55 1.46 0.00	19.60 1.43 0.00	19.62 1.55 0.00	19.36 1.44 0.00	20.75 1.53 0.00	26.26 2.06 0.00	28.01 1.95 0.00	30.73 2.16 0.00	24.58 1.70 -0.01	20.49 1.47 -0.01	22.89 1.57 0.00
PPL_SHRM_GT3 24213	30.46 1.58 -10.44	27.80 1.30 -10.67	16.70 1.09 -2.21	18.24 1.12 -2.43	28.65 0.95 -15.05	43.62 1.51 -22.12	43.28 1.41 -23.47	27.95 2.07 -1.60	43.92 2.47 -12.44	33.24 2.78 -2.38	31.53 2.26 -7.97	23.52 2.10 -1.05	20.77 1.78 -0.17	19.65 1.55 0.00	19.71 1.54 0.00	19.73 1.67 0.00	19.50 1.58 0.00	20.91 1.69 0.00	26.50 2.29 0.00	28.31 2.24 0.00	31.08 2.51 0.00	24.89 1.97 -0.05	20.77 1.69 -0.08	23.12 1.79 0.00
PPL_SHRM_GT4 24214	30.46 1.58 -10.44	27.80 1.30 -10.67	16.70 1.09 -2.21	18.24 1.12 -2.43	28.65 0.95 -15.05	43.62 1.51 -22.12	43.28 1.41 -23.47	27.95 2.07 -1.60	43.92 2.47 -12.44	33.24 2.78 -2.38	31.53 2.26 -7.97	23.52 2.10 -1.05	20.77 1.78 -0.17	19.65 1.55 0.00	19.71 1.54 0.00	19.73 1.67 0.00	19.50 1.58 0.00	20.91 1.69 0.00	26.50 2.29 0.00	28.31 2.24 0.00	31.08 2.51 0.00	24.89 1.97 -0.05	20.77 1.69 -0.08	23.12 1.79 0.00
PROJECT___ORANGE 1 24174	18.35 -0.09 0.00	15.75 -0.08 0.00	13.32 -0.08 0.00	14.62 -0.08 0.00	12.57 -0.08 0.00	19.91 -0.08 0.00	18.33 -0.07 0.00	24.20 -0.08 0.00	28.85 -0.15 0.00	27.94 -0.14 0.00	21.22 -0.07 0.00	20.33 -0.05 0.00	18.82 -0.01 0.00	18.10 0.01 0.00	18.17 0.00 0.00	18.04 -0.02 0.00	17.88 -0.04 0.00	19.17 -0.04 0.00	24.16 -0.05 0.00	26.00 -0.07 0.00	28.51 -0.07 0.00	22.78 -0.09 0.00	18.93 -0.08 0.00	21.26 -0.06 0.00
PROJECT___ORANGE 2 24166	18.35 -0.09 0.00	15.75 -0.08 0.00	13.32 -0.08 0.00	14.62 -0.08 0.00	12.57 -0.08 0.00	19.91 -0.08 0.00	18.33 -0.07 0.00	24.20 -0.08 0.00	28.85 -0.15 0.00	27.94 -0.14 0.00	21.22 -0.07 0.00	20.33 -0.05 0.00	18.82 -0.01 0.00	18.10 0.01 0.00	18.17 0.00 0.00	18.04 -0.02 0.00	17.88 -0.04 0.00	19.17 -0.04 0.00	24.16 -0.05 0.00	26.00 -0.07 0.00	28.51 -0.07 0.00	22.78 -0.09 0.00	18.93 -0.08 0.00	21.26 -0.06 0.00
PUCKETT___SOLAR 323809	18.87 0.43 0.00	16.22 0.38 0.00	13.70 0.30 0.00	15.04 0.34 0.00	12.92 0.27 0.00	20.48 0.49 0.00	18.82 0.41 0.00	24.79 0.50 0.00	29.47 0.47 0.00	28.54 0.46 0.00	21.68 0.38 0.00	20.75 0.38 0.00	19.23 0.40 0.00	18.49 0.40 0.00	18.56 0.39 0.00	18.48 0.41 0.00	18.38 0.46 0.00	19.79 0.58 0.00	24.86 0.65 0.00	26.73 0.66 0.00	29.30 0.72 0.00	23.39 0.51 0.00	19.40 0.39 0.00	21.68 0.36 0.00
PYRITES___HYD 24023	18.52 0.08 0.00	15.86 0.03 0.00	13.39 -0.01 0.00	14.76 0.06 0.00	12.69 0.04 0.00	20.12 0.13 0.00	18.58 0.17 0.00	24.44 0.15 0.00	28.99 -0.02 0.00	27.95 -0.13 0.00	21.25 -0.05 0.00	20.31 -0.06 0.00	18.66 -0.17 0.00	17.79 -0.30 0.00	17.75 -0.42 0.00	17.68 -0.38 0.00	17.60 -0.32 0.00	18.88 -0.33 0.00	23.73 -0.47 0.00	25.83 -0.23 0.00	28.51 -0.07 0.00	23.00 0.12 0.00	19.23 0.22 0.00	21.53 0.20 0.00
QUAKERRD_115KV_BK1 80622	17.85 -0.59 0.00	15.33 -0.51 0.00	12.95 -0.44 0.00	14.26 -0.44 0.00	12.22 -0.43 0.00	19.45 -0.54 0.00	17.87 -0.54 0.00	23.53 -0.76 0.00	28.01 -1.00 0.00	27.16 -0.92 0.00	20.64 -0.66 0.00	19.82 -0.55 0.00	18.42 -0.41 0.00	17.73 -0.36 0.00	17.78 -0.39 0.00	17.63 -0.43 0.00	17.44 -0.48 0.00	18.67 -0.55 0.00	23.45 -0.76 0.00	25.27 -0.80 0.00	27.73 -0.84 0.00	22.15 -0.72 0.00	18.43 -0.58 0.00	20.69 -0.63 0.00
QUENSBRY_115KV_TB8 356137	18.97 0.53 0.00	16.32 0.49 0.00	13.88 0.49 0.00	15.21 0.51 0.00	13.10 0.46 0.00	20.60 0.61 0.00	19.14 0.73 0.00	25.35 1.06 0.00	30.06 1.05 0.00	28.81 0.74 0.00	21.94 0.64 0.00	20.88 0.50 0.00	19.07 0.24 0.00	18.35 0.25 0.00	18.47 0.30 0.00	18.40 0.34 0.00	18.34 0.42 0.00	19.93 0.72 0.00	25.39 1.18 0.00	27.40 1.34 0.00	30.07 1.50 0.00	23.95 1.08 0.00	19.76 0.75 0.00	21.94 0.61 0.00
RAMAPO___LBMP 323565	19.25 0.81 0.00	16.53 0.70 0.00	13.98 0.58 0.00	15.27 0.57 0.00	13.15 0.50 0.00	20.77 0.78 0.00	19.14 0.73 0.00	25.42 1.14 0.00	30.38 1.37 0.00	29.59 1.51 0.00	22.53 1.24 0.00	21.53 1.15 0.00	19.89 1.06 0.00	19.09 1.00 0.00	19.20 1.03 0.00	19.12 1.06 0.00	18.98 1.06 0.00	20.43 1.22 0.00	25.80 1.59 0.00	27.65 1.59 0.00	30.26 1.69 0.00	24.14 1.26 0.00	19.94 0.93 0.00	22.30 0.98 0.00
RANKINE____ 23646	18.39 -0.05 0.00	15.83 0.00 0.00	13.37 -0.03 0.00	14.77 0.07 0.00	12.58 -0.07 0.00	20.07 0.08 0.00	18.33 -0.08 0.00	24.15 -0.13 0.00	28.85 -0.15 0.00	28.13 0.05 0.00	21.47 0.17 0.00	20.68 0.30 0.00	19.31 0.48 0.00	18.60 0.51 0.00	18.60 0.43 0.00	18.35 0.29 0.00	18.11 0.19 0.00	19.31 0.10 0.00	24.04 -0.16 0.00	25.92 -0.14 0.00	28.43 -0.15 0.00	22.73 -0.14 0.00	18.94 -0.07 0.00	21.32 0.00 0.00
RAVENSWOOD_GT2_1 24244	19.47 1.03 0.00	16.69 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.63 0.00	20.95 0.95 0.00	19.29 0.88 0.00	25.67 1.39 0.00	30.70 1.70 0.00	29.99 1.91 0.00	22.83 1.53 0.00	21.82 1.44 0.00	20.15 1.32 0.00	19.34 1.24 0.00	19.44 1.27 0.00	19.37 1.30 0.00	19.22 1.30 0.00	20.67 1.45 0.00	26.04 1.83 0.00	27.86 1.79 0.00	30.48 1.90 0.00	24.32 1.44 0.00	20.13 1.12 0.00	22.51 1.18 0.00
RAVENSWOOD_GT2_2 24245	19.47 1.03 0.00	16.69 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.63 0.00	20.95 0.95 0.00	19.29 0.88 0.00	25.67 1.39 0.00	30.70 1.70 0.00	29.99 1.91 0.00	22.83 1.53 0.00	21.82 1.44 0.00	20.15 1.32 0.00	19.34 1.24 0.00	19.44 1.27 0.00	19.37 1.30 0.00	19.22 1.30 0.00	20.67 1.45 0.00	26.04 1.83 0.00	27.86 1.79 0.00	30.48 1.90 0.00	24.32 1.44 0.00	20.13 1.12 0.00	22.51 1.18 0.00
RAVENSWOOD_GT2_3 24246	19.47 1.03 0.00	16.69 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.63 0.00	20.95 0.96 0.00	19.29 0.88 0.00	25.67 1.39 0.00	30.71 1.70 0.00	29.99 1.91 0.00	22.83 1.53 0.00	21.82 1.44 0.00	20.15 1.32 0.00	19.34 1.24 0.00	19.44 1.27 0.00	19.37 1.30 0.00	19.23 1.30 0.00	20.67 1.46 0.00	26.05 1.84 0.00	27.86 1.80 0.00	30.48 1.91 0.00	24.32 1.44 0.00	20.13 1.12 0.00	22.51 1.19 0.00

RAVENSWOOD_GT2_4 24247	19.47 1.03 0.00	16.69 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.63 0.00	20.95 0.96 0.00	19.29 0.88 0.00	25.67 1.39 0.00	30.71 1.70 0.00	29.99 1.91 0.00	22.83 1.53 0.00	21.82 1.44 0.00	20.15 1.32 0.00	19.34 1.24 0.00	19.44 1.27 0.00	19.37 1.30 0.00	19.23 1.30 0.00	20.67 1.46 0.00	26.05 1.84 0.00	27.86 1.80 0.00	30.48 1.91 0.00	24.32 1.44 0.00	20.13 1.12 0.00	22.51 1.19 0.00
RAVENSWOOD_GT3_1 24248	19.47 1.03 0.00	16.69 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.63 0.00	20.95 0.96 0.00	19.29 0.88 0.00	25.67 1.39 0.00	30.71 1.70 0.00	29.99 1.91 0.00	22.83 1.53 0.00	21.82 1.44 0.00	20.15 1.32 0.00	19.34 1.24 0.00	19.44 1.27 0.00	19.37 1.30 0.00	19.23 1.30 0.00	20.67 1.46 0.00	26.05 1.84 0.00	27.86 1.80 0.00	30.48 1.91 0.00	24.32 1.44 0.00	20.13 1.12 0.00	22.51 1.19 0.00
RAVENSWOOD_GT3_2 24249	19.47 1.03 0.00	16.69 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.63 0.00	20.95 0.96 0.00	19.29 0.88 0.00	25.67 1.39 0.00	30.71 1.70 0.00	29.99 1.91 0.00	22.83 1.53 0.00	21.82 1.44 0.00	20.15 1.32 0.00	19.34 1.24 0.00	19.44 1.27 0.00	19.37 1.30 0.00	19.23 1.30 0.00	20.67 1.46 0.00	26.05 1.84 0.00	27.86 1.80 0.00	30.48 1.91 0.00	24.32 1.44 0.00	20.13 1.12 0.00	22.51 1.19 0.00
RAVENSWOOD_GT3_3 24250	19.50 1.05 0.00	16.72 0.88 0.00	14.14 0.74 0.00	15.45 0.75 0.00	13.29 0.65 0.00	20.98 0.98 0.00	19.32 0.91 0.00	25.70 1.42 0.00	30.75 1.74 0.00	30.04 1.96 0.00	22.86 1.56 0.00	21.86 1.48 0.00	20.19 1.35 0.00	19.37 1.28 0.00	19.47 1.30 0.00	19.40 1.33 0.00	19.25 1.33 0.00	20.70 1.49 0.00	26.08 1.87 0.00	27.90 1.83 0.00	30.52 1.95 0.00	24.36 1.48 0.00	20.16 1.15 0.00	22.54 1.21 0.00
RAVENSWOOD_GT3_4 24251	19.50 1.05 0.00	16.72 0.88 0.00	14.14 0.74 0.00	15.45 0.75 0.00	13.29 0.65 0.00	20.98 0.98 0.00	19.32 0.91 0.00	25.70 1.42 0.00	30.75 1.74 0.00	30.04 1.96 0.00	22.86 1.56 0.00	21.86 1.48 0.00	20.19 1.35 0.00	19.37 1.28 0.00	19.47 1.30 0.00	19.40 1.33 0.00	19.25 1.33 0.00	20.70 1.49 0.00	26.08 1.87 0.00	27.90 1.83 0.00	30.52 1.95 0.00	24.36 1.48 0.00	20.16 1.15 0.00	22.54 1.21 0.00
RAVENSWOOD_GT_1 23729	19.50 1.05 0.00	16.72 0.88 0.00	14.14 0.74 0.00	15.44 0.74 0.00	13.29 0.64 0.00	20.97 0.98 0.00	19.32 0.91 0.00	25.72 1.44 0.00	30.77 1.77 0.00	30.05 1.98 0.00	22.88 1.58 0.00	21.86 1.49 0.00	20.21 1.38 0.00	19.39 1.29 0.00	19.48 1.31 0.00	19.42 1.35 0.00	19.27 1.36 0.00	20.72 1.50 0.00	26.09 1.89 0.00	27.91 1.85 0.00	30.53 1.96 0.00	24.37 1.49 0.00	20.17 1.16 0.00	22.57 1.25 0.00
RAVENSWOOD_GT_10 24258	19.47 1.03 0.00	16.69 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.63 0.00	20.95 0.96 0.00	19.29 0.88 0.00	25.67 1.39 0.00	30.71 1.70 0.00	29.99 1.91 0.00	22.83 1.53 0.00	21.82 1.44 0.00	20.15 1.32 0.00	19.34 1.24 0.00	19.44 1.27 0.00	19.37 1.30 0.00	19.23 1.30 0.00	20.67 1.46 0.00	26.05 1.84 0.00	27.86 1.80 0.00	30.48 1.91 0.00	24.32 1.44 0.00	20.13 1.12 0.00	22.51 1.19 0.00
RAVENSWOOD_GT_11 24259	19.47 1.03 0.00	16.69 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.63 0.00	20.95 0.96 0.00	19.29 0.88 0.00	25.67 1.39 0.00	30.71 1.70 0.00	29.99 1.91 0.00	22.83 1.53 0.00	21.82 1.44 0.00	20.15 1.32 0.00	19.34 1.24 0.00	19.44 1.27 0.00	19.37 1.30 0.00	19.23 1.30 0.00	20.67 1.46 0.00	26.05 1.84 0.00	27.86 1.80 0.00	30.48 1.91 0.00	24.32 1.44 0.00	20.13 1.12 0.00	22.51 1.19 0.00
RAVENSWOOD_GT_4 24252	19.47 1.03 0.00	16.70 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.64 0.00	20.96 0.96 0.00	19.30 0.89 0.00	25.67 1.39 0.00	30.71 1.70 0.00	29.99 1.91 0.00	22.83 1.53 0.00	21.82 1.45 0.00	20.15 1.32 0.00	19.34 1.24 0.00	19.44 1.27 0.00	19.37 1.30 0.00	19.23 1.31 0.00	20.67 1.46 0.00	26.05 1.84 0.00	27.86 1.80 0.00	30.49 1.91 0.00	24.33 1.45 0.00	20.14 1.13 0.00	22.51 1.19 0.00
RAVENSWOOD_GT_5 24254	19.47 1.03 0.00	16.70 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.64 0.00	20.96 0.96 0.00	19.30 0.89 0.00	25.67 1.39 0.00	30.71 1.70 0.00	29.99 1.91 0.00	22.83 1.53 0.00	21.82 1.45 0.00	20.15 1.32 0.00	19.34 1.24 0.00	19.44 1.27 0.00	19.37 1.30 0.00	19.23 1.31 0.00	20.67 1.46 0.00	26.05 1.84 0.00	27.86 1.80 0.00	30.49 1.91 0.00	24.33 1.45 0.00	20.14 1.13 0.00	22.51 1.19 0.00
RAVENSWOOD_GT_6 24253	19.47 1.03 0.00	16.70 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.64 0.00	20.96 0.96 0.00	19.30 0.89 0.00	25.67 1.39 0.00	30.71 1.70 0.00	29.99 1.91 0.00	22.83 1.53 0.00	21.82 1.45 0.00	20.15 1.32 0.00	19.34 1.24 0.00	19.44 1.27 0.00	19.37 1.30 0.00	19.23 1.31 0.00	20.67 1.46 0.00	26.05 1.84 0.00	27.86 1.80 0.00	30.49 1.91 0.00	24.33 1.45 0.00	20.14 1.13 0.00	22.51 1.19 0.00
RAVENSWOOD_GT_7 24255	19.47 1.03 0.00	16.70 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.64 0.00	20.96 0.96 0.00	19.30 0.89 0.00	25.67 1.39 0.00	30.71 1.70 0.00	29.99 1.91 0.00	22.83 1.53 0.00	21.82 1.45 0.00	20.15 1.32 0.00	19.34 1.24 0.00	19.44 1.27 0.00	19.37 1.30 0.00	19.23 1.31 0.00	20.67 1.46 0.00	26.05 1.84 0.00	27.86 1.80 0.00	30.49 1.91 0.00	24.33 1.45 0.00	20.14 1.13 0.00	22.51 1.19 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.47 1.03 0.00	16.69 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.63 0.00	20.95 0.96 0.00	19.29 0.88 0.00	25.67 1.39 0.00	30.71 1.70 0.00	29.99 1.91 0.00	22.83 1.53 0.00	21.82 1.44 0.00	20.15 1.32 0.00	19.34 1.24 0.00	19.44 1.27 0.00	19.37 1.30 0.00	19.23 1.30 0.00	20.67 1.46 0.00	26.05 1.84 0.00	27.86 1.80 0.00	30.48 1.91 0.00	24.32 1.44 0.00	20.13 1.12 0.00	22.51 1.19 0.00
RAVENSWOOD_GT_9 24257	19.47 1.03 0.00	16.69 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.63 0.00	20.95 0.96 0.00	19.29 0.88 0.00	25.67 1.39 0.00	30.71 1.70 0.00	29.99 1.91 0.00	22.83 1.53 0.00	21.82 1.44 0.00	20.15 1.32 0.00	19.34 1.24 0.00	19.44 1.27 0.00	19.37 1.30 0.00	19.23 1.30 0.00	20.67 1.46 0.00	26.05 1.84 0.00	27.86 1.80 0.00	30.48 1.91 0.00	24.32 1.44 0.00	20.13 1.12 0.00	22.51 1.19 0.00
RAVENSWOOD___1 23533	19.47 1.02 0.00	16.69 0.86 0.00	14.11 0.72 0.00	15.42 0.72 0.00	13.27 0.62 0.00	20.93 0.94 0.00	19.28 0.87 0.00	25.67 1.39 0.00	30.71 1.70 0.00	29.99 1.91 0.00	22.84 1.54 0.00	21.81 1.44 0.00	20.16 1.33 0.00	19.35 1.25 0.00	19.44 1.27 0.00	19.38 1.31 0.00	19.23 1.31 0.00	20.67 1.46 0.00	26.04 1.83 0.00	27.86 1.79 0.00	30.47 1.90 0.00	24.32 1.45 0.00	20.13 1.12 0.00	22.51 1.18 0.00

RAVENSWOOD___2 23534	19.47 1.02 0.00	16.69 0.86 0.00	14.11 0.72 0.00	15.42 0.72 0.00	13.27 0.62 0.00	20.93 0.94 0.00	19.28 0.87 0.00	25.67 1.39 0.00	30.71 1.70 0.00	29.99 1.91 0.00	22.84 1.54 0.00	21.81 1.44 0.00	20.16 1.33 0.00	19.35 1.25 0.00	19.44 1.27 0.00	19.38 1.31 0.00	19.23 1.31 0.00	20.67 1.46 0.00	26.04 1.83 0.00	27.86 1.79 0.00	30.47 1.90 0.00	24.32 1.45 0.00	20.13 1.12 0.00	22.51 1.18 0.00
RAVENSWOOD___3 23535	19.47 1.03 0.00	16.69 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.63 0.00	20.95 0.96 0.00	19.29 0.88 0.00	25.67 1.38 0.00	30.71 1.70 0.00	29.99 1.91 0.00	22.83 1.54 0.00	21.81 1.44 0.00	20.15 1.32 0.00	19.34 1.24 0.00	19.44 1.27 0.00	19.37 1.31 0.00	19.23 1.30 0.00	20.67 1.46 0.00	26.05 1.84 0.00	27.86 1.79 0.00	30.48 1.91 0.00	24.32 1.45 0.00	20.13 1.12 0.00	22.51 1.18 0.00
RAVENSWOOD___4 23820	19.47 1.02 0.00	16.69 0.86 0.00	14.11 0.72 0.00	15.42 0.72 0.00	13.27 0.62 0.00	20.93 0.94 0.00	19.28 0.87 0.00	25.67 1.39 0.00	30.71 1.70 0.00	29.99 1.91 0.00	22.84 1.54 0.00	21.81 1.44 0.00	20.16 1.33 0.00	19.35 1.25 0.00	19.44 1.27 0.00	19.38 1.31 0.00	19.23 1.31 0.00	20.67 1.46 0.00	26.04 1.83 0.00	27.86 1.79 0.00	30.47 1.90 0.00	24.32 1.45 0.00	20.13 1.12 0.00	22.51 1.18 0.00
RCPI_TRUST___DRP 24196	19.51 1.07 0.00	16.73 0.90 0.00	14.15 0.75 0.00	15.46 0.75 0.00	13.30 0.66 0.00	20.99 1.00 0.00	19.33 0.92 0.00	25.72 1.43 0.00	30.78 1.77 0.00	30.07 2.00 0.00	22.90 1.60 0.00	21.89 1.51 0.00	20.22 1.39 0.00	19.40 1.30 0.00	19.50 1.33 0.00	19.43 1.37 0.00	19.29 1.37 0.00	20.73 1.51 0.00	26.11 1.91 0.00	27.91 1.85 0.00	30.53 1.96 0.00	24.36 1.49 0.00	20.17 1.16 0.00	22.56 1.23 0.00
RED___ROCHESTER 323720	18.33 -0.11 0.00	15.74 -0.09 0.00	13.30 -0.10 0.00	14.65 -0.05 0.00	12.54 -0.11 0.00	19.99 -0.01 0.00	18.34 -0.07 0.00	24.13 -0.15 0.00	28.74 -0.26 0.00	27.89 -0.19 0.00	21.20 -0.10 0.00	20.40 0.02 0.00	18.96 0.13 0.00	18.26 0.17 0.00	18.30 0.13 0.00	18.13 0.07 0.00	17.93 0.01 0.00	19.18 -0.04 0.00	24.06 -0.15 0.00	25.95 -0.11 0.00	28.49 -0.08 0.00	22.75 -0.12 0.00	18.92 -0.09 0.00	21.24 -0.09 0.00
REGAN___SOLAR 323812	20.71 2.27 0.00	17.66 1.83 0.00	14.88 1.48 0.00	16.32 1.61 0.00	14.05 1.41 0.00	22.49 2.50 0.00	20.83 2.42 0.00	27.30 3.01 0.00	31.88 2.87 0.00	29.74 1.67 0.00	22.25 0.96 0.00	20.68 0.31 0.00	19.24 0.41 0.00	18.19 0.10 0.00	18.23 0.06 0.00	18.39 0.33 0.00	18.99 1.07 0.00	20.58 1.37 0.00	26.32 2.12 0.00	29.45 3.38 0.00	32.45 3.87 0.00	25.80 2.92 0.00	21.35 2.34 0.00	23.94 2.61 0.00
RENSSELAER___COGEN 23796	18.60 0.16 0.00	15.99 0.16 0.00	13.59 0.19 0.00	14.84 0.14 0.00	12.81 0.16 0.00	20.11 0.12 0.00	18.53 0.12 0.00	24.38 0.10 0.00	29.05 0.04 0.00	28.12 0.04 0.00	21.35 0.05 0.00	20.41 0.03 0.00	18.85 0.02 0.00	18.12 0.03 0.00	18.21 0.04 0.00	18.15 0.08 0.00	18.03 0.11 0.00	19.39 0.18 0.00	24.50 0.29 0.00	26.36 0.30 0.00	28.89 0.31 0.00	23.07 0.20 0.00	19.19 0.18 0.00	21.51 0.18 0.00
REPUBLIC_115KV_BARTNBRK 55605	19.58 1.14 0.00	16.92 1.08 0.00	14.47 1.07 0.00	15.86 1.16 0.00	13.66 1.01 0.00	21.34 1.35 0.00	20.04 1.63 0.00	26.67 2.38 0.00	31.36 2.36 0.00	29.86 1.79 0.00	22.51 1.22 0.00	21.36 0.99 0.00	19.48 0.65 0.00	18.81 0.72 0.00	18.96 0.79 0.00	18.91 0.85 0.00	18.82 0.90 0.00	20.62 1.41 0.00	26.53 2.32 0.00	28.67 2.61 0.00	31.58 3.00 0.00	25.07 2.20 0.00	20.50 1.49 0.00	22.49 1.16 0.00
REVERE_CPPR_DRP 24186	19.12 0.68 0.00	16.38 0.55 0.00	13.85 0.45 0.00	15.19 0.49 0.00	13.07 0.43 0.00	20.74 0.75 0.00	19.12 0.71 0.00	25.15 0.87 0.00	29.79 0.78 0.00	28.69 0.62 0.00	21.78 0.48 0.00	20.79 0.42 0.00	19.24 0.41 0.00	18.47 0.38 0.00	18.56 0.39 0.00	18.44 0.38 0.00	18.35 0.43 0.00	19.74 0.52 0.00	25.14 0.93 0.00	27.13 1.07 0.00	29.82 1.25 0.00	23.83 0.95 0.00	19.73 0.71 0.00	22.02 0.69 0.00
REYNOLDS_115KV_TB3 80639	18.72 0.28 0.00	16.11 0.27 0.00	13.67 0.28 0.00	14.95 0.25 0.00	12.89 0.24 0.00	20.26 0.27 0.00	18.66 0.25 0.00	24.57 0.29 0.00	29.28 0.27 0.00	28.34 0.26 0.00	21.52 0.22 0.00	20.57 0.19 0.00	18.98 0.15 0.00	18.25 0.15 0.00	18.34 0.17 0.00	18.27 0.20 0.00	18.15 0.22 0.00	19.52 0.31 0.00	24.66 0.46 0.00	26.55 0.48 0.00	29.08 0.50 0.00	23.24 0.36 0.00	19.32 0.31 0.00	21.65 0.32 0.00
RIVERBAY____ 323610	19.52 1.08 0.00	16.75 0.91 0.00	14.18 0.78 0.00	15.49 0.79 0.00	13.32 0.67 0.00	21.02 1.03 0.00	19.39 0.98 0.00	25.82 1.53 0.00	30.84 1.83 0.00	30.07 1.99 0.00	22.86 1.57 0.00	21.83 1.46 0.00	20.18 1.35 0.00	19.33 1.23 0.00	19.41 1.24 0.00	19.34 1.27 0.00	19.21 1.28 0.00	20.65 1.44 0.00	26.04 1.84 0.00	27.86 1.80 0.00	30.52 1.95 0.00	24.38 1.50 0.00	20.17 1.16 0.00	22.57 1.25 0.00
RIVERSDE_115KV_TB3 55908	18.62 0.18 0.00	16.02 0.18 0.00	13.60 0.21 0.00	14.87 0.16 0.00	12.82 0.18 0.00	20.14 0.15 0.00	18.55 0.15 0.00	24.41 0.13 0.00	29.09 0.08 0.00	28.16 0.08 0.00	21.39 0.10 0.00	20.45 0.08 0.00	18.88 0.06 0.00	18.15 0.06 0.00	18.25 0.08 0.00	18.18 0.12 0.00	18.06 0.14 0.00	19.42 0.21 0.00	24.53 0.32 0.00	26.40 0.33 0.00	28.92 0.34 0.00	23.10 0.23 0.00	19.21 0.20 0.00	21.53 0.21 0.00
ROARING___BROOK_WT_PWR 323790	18.43 -0.01 0.00	15.82 -0.02 0.00	13.37 -0.02 0.00	14.70 -0.01 0.00	12.64 0.00 0.00	19.99 0.00 0.00	18.41 0.00 0.00	24.28 0.00 0.00	28.98 -0.03 0.00	27.98 -0.10 0.00	21.26 -0.04 0.00	20.36 -0.02 0.00	18.80 -0.03 0.00	18.07 -0.03 0.00	18.13 -0.04 0.00	18.03 -0.04 0.00	17.90 -0.03 0.00	19.18 -0.04 0.00	24.14 -0.07 0.00	26.01 -0.06 0.00	28.42 -0.15 0.00	22.73 -0.14 0.00	18.85 -0.16 0.00	21.13 -0.20 0.00
ROCHESRG_115KV_T4 355643	18.18 -0.26 0.00	15.62 -0.21 0.00	13.20 -0.20 0.00	14.55 -0.16 0.00	12.45 -0.20 0.00	19.82 -0.17 0.00	18.19 -0.22 0.00	23.93 -0.35 0.00	28.51 -0.50 0.00	27.66 -0.42 0.00	21.03 -0.27 0.00	20.22 -0.15 0.00	18.80 -0.03 0.00	18.11 0.01 0.00	18.14 -0.03 0.00	17.97 -0.09 0.00	17.77 -0.15 0.00	19.00 -0.21 0.00	23.82 -0.39 0.00	25.69 -0.37 0.00	28.20 -0.37 0.00	22.53 -0.35 0.00	18.75 -0.26 0.00	21.07 -0.26 0.00
ROCHESTER_9_IC 23652	18.27 -0.17 0.00	15.69 -0.14 0.00	13.26 -0.14 0.00	14.61 -0.09 0.00	12.50 -0.14 0.00	19.92 -0.06 0.00	18.28 -0.13 0.00	24.05 -0.23 0.00	28.65 -0.36 0.00	27.79 -0.29 0.00	21.13 -0.17 0.00	20.32 -0.05 0.00	18.89 0.06 0.00	18.20 0.11 0.00	18.23 0.06 0.00	18.07 0.00 0.00	17.87 -0.05 0.00	19.10 -0.12 0.00	23.96 -0.24 0.00	25.83 -0.23 0.00	28.36 -0.21 0.00	22.65 -0.22 0.00	18.85 -0.16 0.00	21.16 -0.16 0.00

ROCKVIEW_13_KV_LD 356306	19.46 1.02 0.00	16.70 0.86 0.00	14.12 0.73 0.00	15.43 0.73 0.00	13.28 0.64 0.00	20.96 0.97 0.00	19.31 0.90 0.00	25.68 1.39 0.00	30.71 1.70 0.00	29.94 1.87 0.00	22.79 1.49 0.00	21.77 1.39 0.00	20.10 1.27 0.00	19.29 1.19 0.00	19.39 1.22 0.00	19.32 1.25 0.00	19.17 1.25 0.00	20.63 1.41 0.00	26.03 1.82 0.00	27.87 1.81 0.00	30.51 1.93 0.00	24.34 1.47 0.00	20.14 1.13 0.00	22.50 1.18 0.00
ROME____115KV_TB2 80656	19.12 0.68 0.00	16.38 0.55 0.00	13.85 0.45 0.00	15.19 0.49 0.00	13.07 0.43 0.00	20.74 0.75 0.00	19.12 0.71 0.00	25.15 0.87 0.00	29.79 0.78 0.00	28.69 0.62 0.00	21.78 0.48 0.00	20.79 0.42 0.00	19.24 0.41 0.00	18.47 0.38 0.00	18.56 0.39 0.00	18.44 0.38 0.00	18.35 0.43 0.00	19.74 0.52 0.00	25.14 0.93 0.00	27.13 1.07 0.00	29.82 1.25 0.00	23.83 0.95 0.00	19.73 0.71 0.00	22.02 0.69 0.00
ROSETON___1 23587	19.21 0.77 0.00	16.49 0.66 0.00	13.96 0.57 0.00	15.26 0.56 0.00	13.14 0.49 0.00	20.72 0.73 0.00	19.09 0.68 0.00	25.34 1.06 0.00	30.27 1.26 0.00	29.46 1.38 0.00	22.41 1.11 0.00	21.40 1.02 0.00	19.75 0.93 0.00	18.96 0.87 0.00	19.07 0.90 0.00	18.99 0.93 0.00	18.85 0.93 0.00	20.29 1.07 0.00	25.63 1.42 0.00	27.50 1.43 0.00	30.11 1.54 0.00	24.03 1.16 0.00	19.88 0.87 0.00	22.23 0.90 0.00
ROSETON___2 23588	19.21 0.77 0.00	16.49 0.66 0.00	13.96 0.57 0.00	15.26 0.56 0.00	13.14 0.49 0.00	20.72 0.73 0.00	19.09 0.68 0.00	25.34 1.06 0.00	30.27 1.26 0.00	29.46 1.38 0.00	22.41 1.11 0.00	21.40 1.02 0.00	19.75 0.93 0.00	18.96 0.87 0.00	19.07 0.90 0.00	18.99 0.93 0.00	18.85 0.93 0.00	20.29 1.07 0.00	25.63 1.42 0.00	27.50 1.43 0.00	30.11 1.54 0.00	24.03 1.16 0.00	19.88 0.87 0.00	22.23 0.90 0.00
ROTTTRDAM_115KV_TB3 80664	18.86 0.42 0.00	16.21 0.37 0.00	13.73 0.33 0.00	15.04 0.34 0.00	12.95 0.30 0.00	20.42 0.43 0.00	18.83 0.42 0.00	24.88 0.60 0.00	29.65 0.64 0.00	28.66 0.59 0.00	21.74 0.45 0.00	20.79 0.41 0.00	19.16 0.34 0.00	18.41 0.32 0.00	18.49 0.32 0.00	18.41 0.35 0.00	18.31 0.38 0.00	19.72 0.50 0.00	24.92 0.71 0.00	26.84 0.78 0.00	29.43 0.85 0.00	23.51 0.63 0.00	19.49 0.48 0.00	21.82 0.49 0.00
RUSSELL___1 23602	18.33 -0.11 0.00	15.74 -0.09 0.00	13.30 -0.10 0.00	14.65 -0.05 0.00	12.54 -0.11 0.00	19.99 -0.01 0.00	18.33 -0.07 0.00	24.14 -0.15 0.00	28.74 -0.26 0.00	27.88 -0.20 0.00	21.20 -0.09 0.00	20.39 0.01 0.00	18.96 0.13 0.00	18.27 0.17 0.00	18.30 0.13 0.00	18.13 0.07 0.00	17.93 0.01 0.00	19.18 -0.04 0.00	24.06 -0.15 0.00	25.95 -0.00 0.00	28.49 -0.08 0.00	22.75 -0.12 0.00	18.92 -0.09 0.00	21.24 -0.09 0.00
RUSSELL___2 23532	18.33 -0.11 0.00	15.74 -0.09 0.00	13.30 -0.10 0.00	14.65 -0.05 0.00	12.54 -0.11 0.00	19.99 -0.01 0.00	18.33 -0.07 0.00	24.14 -0.15 0.00	28.74 -0.26 0.00	27.88 -0.20 0.00	21.20 -0.09 0.00	20.39 0.01 0.00	18.96 0.13 0.00	18.27 0.17 0.00	18.30 0.13 0.00	18.13 0.07 0.00	17.93 0.01 0.00	19.18 -0.04 0.00	24.06 -0.15 0.00	25.95 -0.11 0.00	28.49 -0.08 0.00	22.75 -0.12 0.00	18.92 -0.09 0.00	21.24 -0.09 0.00
RUSSELL___3 23549	18.33 -0.11 0.00	15.74 -0.09 0.00	13.30 -0.10 0.00	14.65 -0.05 0.00	12.54 -0.11 0.00	19.99 -0.01 0.00	18.33 -0.07 0.00	24.14 -0.15 0.00	28.74 -0.26 0.00	27.88 -0.20 0.00	21.20 -0.09 0.00	20.39 0.01 0.00	18.96 0.13 0.00	18.27 0.17 0.00	18.30 0.13 0.00	18.13 0.07 0.00	17.93 0.01 0.00	19.18 -0.04 0.00	24.06 -0.15 0.00	25.95 -0.11 0.00	28.49 -0.08 0.00	22.75 -0.12 0.00	18.92 -0.09 0.00	21.24 -0.09 0.00
RUSSELL___4 23556	18.33 -0.11 0.00	15.74 -0.09 0.00	13.30 -0.10 0.00	14.65 -0.05 0.00	12.54 -0.11 0.00	19.99 -0.01 0.00	18.33 -0.07 0.00	24.14 -0.15 0.00	28.74 -0.26 0.00	27.88 -0.20 0.00	21.20 -0.09 0.00	20.39 0.01 0.00	18.96 0.13 0.00	18.27 0.17 0.00	18.30 0.13 0.00	18.13 0.07 0.00	17.93 0.01 0.00	19.18 -0.04 0.00	24.06 -0.15 0.00	25.95 -0.11 0.00	28.49 -0.08 0.00	22.75 -0.12 0.00	18.92 -0.09 0.00	21.24 -0.09 0.00
RUSSELL___STATION 23914	18.33 -0.11 0.00	15.74 -0.09 0.00	13.30 -0.10 0.00	14.65 -0.05 0.00	12.54 -0.11 0.00	19.99 -0.01 0.00	18.33 -0.07 0.00	24.14 -0.15 0.00	28.74 -0.26 0.00	27.88 -0.20 0.00	21.20 -0.09 0.00	20.39 0.01 0.00	18.96 0.13 0.00	18.27 0.17 0.00	18.30 0.13 0.00	18.13 0.07 0.00	17.93 0.01 0.00	19.18 -0.04 0.00	24.06 -0.15 0.00	25.95 -0.11 0.00	28.49 -0.08 0.00	22.75 -0.12 0.00	18.92 -0.09 0.00	21.24 -0.09 0.00
S SALMON___HYD 24043	18.39 -0.05 0.00	15.78 -0.06 0.00	13.34 -0.06 0.00	14.64 -0.06 0.00	12.59 -0.06 0.00	19.94 -0.05 0.00	18.33 -0.08 0.00	24.13 -0.15 0.00	28.59 -0.42 0.00	27.57 -0.52 0.00	20.97 -0.33 0.00	20.09 -0.29 0.00	18.57 -0.25 0.00	17.87 -0.23 0.00	17.87 -0.30 0.00	17.73 -0.34 0.00	17.56 -0.36 0.00	18.87 -0.35 0.00	23.97 -0.23 0.00	25.90 -0.17 0.00	28.56 -0.02 0.00	22.87 -0.01 0.00	18.94 -0.07 0.00	21.25 -0.08 0.00
S.PERRY__115KV_TB1 80734	18.72 0.28 0.00	16.06 0.23 0.00	13.54 0.14 0.00	14.95 0.25 0.00	12.77 0.12 0.00	20.33 0.33 0.00	18.64 0.23 0.00	24.60 0.32 0.00	29.12 0.11 0.00	28.17 0.09 0.00	21.50 0.20 0.00	20.67 0.30 0.00	19.27 0.45 0.00	18.56 0.46 0.00	18.58 0.42 0.00	18.41 0.34 0.00	18.19 0.26 0.00	19.57 0.35 0.00	24.58 0.37 0.00	26.73 0.66 0.00	29.44 0.86 0.00	23.42 0.55 0.00	19.39 0.38 0.00	21.72 0.39 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.17 -0.27 0.00	15.64 -0.19 0.00	13.21 -0.19 0.00	14.59 -0.11 0.00	12.43 -0.21 0.00	19.84 -0.15 0.00	18.12 -0.29 0.00	23.80 -0.48 0.00	28.41 -0.60 0.00	27.68 -0.40 0.00	21.12 -0.17 0.00	20.37 -0.01 0.00	19.01 0.18 0.00	18.32 0.22 0.00	18.31 0.14 0.00	18.08 0.01 0.00	17.83 -0.09 0.00	19.00 -0.21 0.00	23.66 -0.55 0.00	25.52 -0.55 0.00	28.01 -0.57 0.00	22.40 -0.47 0.00	18.68 -0.32 0.00	21.04 -0.28 0.00
SAWYER___23_KV_LOAD 55526	18.17 -0.27 0.00	15.64 -0.19 0.00	13.21 -0.19 0.00	14.59 -0.11 0.00	12.43 -0.21 0.00	19.84 -0.15 0.00	18.12 -0.29 0.00	23.80 -0.48 0.00	28.41 -0.60 0.00	27.68 -0.40 0.00	21.12 -0.17 0.00	20.37 -0.01 0.00	19.01 0.18 0.00	18.32 0.22 0.00	18.31 0.14 0.00	18.08 0.01 0.00	17.83 -0.09 0.00	19.00 -0.21 0.00	23.66 -0.55 0.00	25.52 -0.55 0.00	28.01 -0.57 0.00	22.40 -0.47 0.00	18.68 -0.32 0.00	21.04 -0.28 0.00
SELKIRK___I 23801	18.77 0.33 0.00	16.14 0.31 0.00	13.69 0.30 0.00	14.98 0.28 0.00	12.91 0.27 0.00	20.32 0.32 0.00	18.72 0.31 0.00	24.62 0.34 0.00	29.25 0.24 0.00	28.23 0.16 0.00	21.43 0.13 0.00	20.47 0.09 0.00	18.88 0.06 0.00	18.14 0.05 0.00	18.24 0.07 0.00	18.16 0.09 0.00	18.09 0.17 0.00	19.52 0.30 0.00	24.68 0.47 0.00	26.59 0.52 0.00	29.15 0.57 0.00	23.29 0.42 0.00	19.36 0.35 0.00	21.70 0.38 0.00

SELKIRK___II 23799	18.69 0.24 0.00	16.06 0.23 0.00	13.63 0.23 0.00	14.91 0.20 0.00	12.85 0.20 0.00	20.21 0.22 0.00	18.62 0.21 0.00	24.53 0.25 0.00	29.24 0.23 0.00	28.31 0.23 0.00	21.50 0.20 0.00	20.54 0.16 0.00	18.97 0.14 0.00	18.23 0.14 0.00	18.33 0.16 0.00	18.25 0.18 0.00	18.13 0.21 0.00	19.51 0.29 0.00	24.63 0.43 0.00	26.51 0.44 0.00	29.05 0.48 0.00	23.21 0.34 0.00	19.29 0.28 0.00	21.61 0.28 0.00
SENECA OSWGO___HYD 24041	18.21 -0.23 0.00	15.63 -0.20 0.00	13.22 -0.17 0.00	14.51 -0.19 0.00	12.47 -0.18 0.00	19.76 -0.23 0.00	18.30 -0.10 0.00	24.31 0.02 0.00	28.95 -0.06 0.00	27.98 -0.10 0.00	21.23 -0.07 0.00	20.33 -0.05 0.00	18.81 -0.02 0.00	18.09 0.00 0.00	18.15 -0.02 0.00	18.04 -0.03 0.00	17.87 -0.05 0.00	19.19 -0.03 0.00	24.21 0.00 0.00	26.10 0.03 0.00	28.64 0.06 0.00	22.86 -0.02 0.00	18.99 -0.02 0.00	21.31 -0.02 0.00
SENECA___115KV_TB3 355854	18.42 -0.02 0.00	15.86 0.02 0.00	13.38 -0.01 0.00	14.79 0.08 0.00	12.60 -0.05 0.00	20.10 0.11 0.00	18.35 -0.05 0.00	24.19 -0.10 0.00	28.90 -0.10 0.00	28.17 0.09 0.00	21.51 0.21 0.00	20.71 0.34 0.00	19.34 0.51 0.00	18.63 0.54 0.00	18.63 0.46 0.00	18.38 0.32 0.00	18.15 0.23 0.00	19.34 0.13 0.00	24.09 -0.12 0.00	25.97 -0.10 0.00	28.48 -0.10 0.00	22.77 -0.11 0.00	18.96 -0.04 0.00	21.35 0.03 0.00
SENECA___ENERGY 23797	18.32 -0.12 0.00	15.71 -0.12 0.00	13.28 -0.12 0.00	14.59 -0.11 0.00	12.53 -0.12 0.00	19.91 -0.08 0.00	18.31 -0.09 0.00	24.22 -0.07 0.00	28.86 -0.14 0.00	27.98 -0.10 0.00	21.20 -0.10 0.00	20.32 -0.06 0.00	18.84 0.01 0.00	18.14 0.05 0.00	18.19 0.02 0.00	18.08 0.02 0.00	17.88 -0.04 0.00	19.19 -0.02 0.00	24.19 -0.02 0.00	26.08 0.01 0.00	28.56 -0.02 0.00	22.85 -0.03 0.00	18.95 -0.05 0.00	21.27 -0.05 0.00
SHOEMAKER___GT 23640	19.19 0.74 0.00	16.47 0.63 0.00	13.94 0.54 0.00	15.23 0.53 0.00	13.11 0.46 0.00	20.70 0.71 0.00	19.08 0.67 0.00	25.31 1.02 0.00	30.18 1.18 0.00	29.33 1.25 0.00	22.31 1.01 0.00	21.31 0.94 0.00	19.68 0.85 0.00	18.89 0.80 0.00	19.00 0.83 0.00	18.92 0.86 0.00	18.78 0.86 0.00	20.24 1.02 0.00	25.59 1.38 0.00	27.46 1.40 0.00	30.08 1.51 0.00	24.01 1.13 0.00	19.86 0.85 0.00	22.21 0.88 0.00
SHOEMAKR_138KV_BK 111 55601	19.18 0.73 0.00	16.46 0.62 0.00	13.93 0.53 0.00	15.23 0.52 0.00	13.11 0.46 0.00	20.69 0.70 0.00	19.07 0.67 0.00	25.30 1.01 0.00	30.18 1.18 0.00	29.34 1.26 0.00	22.33 1.03 0.00	21.33 0.95 0.00	19.70 0.87 0.00	18.91 0.81 0.00	19.01 0.84 0.00	18.94 0.87 0.00	18.80 0.88 0.00	20.24 1.03 0.00	25.59 1.38 0.00	27.46 1.40 0.00	30.07 1.50 0.00	24.00 1.13 0.00	19.85 0.84 0.00	22.20 0.87 0.00
SHOREHAM_IC_1 23715	30.46 1.58 -10.44	27.80 1.30 -10.67	16.70 1.09 -2.21	18.24 1.12 -2.43	28.65 0.95 -15.05	43.62 1.51 -22.12	43.28 1.41 -23.47	27.95 2.07 -1.60	43.92 2.47 -12.44	33.24 2.78 -2.38	31.53 2.26 -7.97	23.52 2.10 -1.05	20.77 1.78 -0.17	19.65 1.55 0.00	19.71 1.54 0.00	19.73 1.67 0.00	19.50 1.58 0.00	20.91 1.69 0.00	26.50 2.29 0.00	28.31 2.24 0.00	31.08 2.51 0.00	24.89 1.97 -0.05	20.77 1.69 -0.08	23.12 1.79 0.00
SHOREHAM_IC_2 23716	30.46 1.58 -10.44	27.80 1.30 -10.67	16.70 1.09 -2.21	18.24 1.12 -2.43	28.65 0.95 -15.05	43.62 1.51 -22.12	43.28 1.41 -23.47	27.95 2.07 -1.60	43.92 2.47 -12.44	33.24 2.78 -2.38	31.53 2.26 -7.97	23.52 2.10 -1.05	20.77 1.78 -0.17	19.65 1.55 0.00	19.71 1.54 0.00	19.73 1.67 0.00	19.50 1.58 0.00	20.91 1.69 0.00	26.50 2.29 0.00	28.31 2.24 0.00	31.08 2.51 0.00	24.89 1.97 -0.05	20.77 1.69 -0.08	23.12 1.79 0.00
SISSONVILLE____ 23735	18.20 -0.24 0.00	15.59 -0.24 0.00	13.16 -0.24 0.00	14.51 -0.19 0.00	12.46 -0.18 0.00	19.75 -0.24 0.00	18.22 -0.19 0.00	24.01 -0.28 0.00	28.62 -0.39 0.00	27.68 -0.40 0.00	21.13 -0.16 0.00	20.19 -0.18 0.00	18.52 -0.31 0.00	17.61 -0.49 0.00	17.52 -0.65 0.00	17.43 -0.64 0.00	17.31 -0.61 0.00	18.53 -0.68 0.00	23.36 -0.85 0.00	25.29 -0.78 0.00	27.86 -0.72 0.00	22.54 -0.33 0.00	18.90 -0.11 0.00	21.17 -0.16 0.00
SITHE_IND_GS1 24169	18.02 -0.42 0.00	15.47 -0.36 0.00	13.09 -0.31 0.00	14.37 -0.34 0.00	12.34 -0.30 0.00	19.55 -0.44 0.00	17.99 -0.42 0.00	23.74 -0.54 0.00	28.31 -0.69 0.00	27.43 -0.65 0.00	20.81 -0.48 0.00	19.93 -0.45 0.00	18.44 -0.39 0.00	17.73 -0.37 0.00	17.78 -0.39 0.00	17.66 -0.41 0.00	17.50 -0.43 0.00	18.74 -0.47 0.00	23.58 -0.63 0.00	25.39 -0.67 0.00	27.84 -0.74 0.00	22.27 -0.60 0.00	18.54 -0.47 0.00	20.85 -0.47 0.00
SITHE_IND_GS2 24170	18.02 -0.42 0.00	15.47 -0.36 0.00	13.09 -0.31 0.00	14.37 -0.34 0.00	12.34 -0.30 0.00	19.55 -0.44 0.00	17.99 -0.42 0.00	23.74 -0.54 0.00	28.31 -0.69 0.00	27.43 -0.65 0.00	20.81 -0.48 0.00	19.93 -0.45 0.00	18.44 -0.39 0.00	17.73 -0.37 0.00	17.78 -0.39 0.00	17.66 -0.41 0.00	17.50 -0.43 0.00	18.74 -0.47 0.00	23.58 -0.63 0.00	25.39 -0.67 0.00	27.84 -0.74 0.00	22.27 -0.60 0.00	18.54 -0.47 0.00	20.85 -0.47 0.00
SITHE_IND_GS3 24171	18.02 -0.42 0.00	15.47 -0.36 0.00	13.09 -0.31 0.00	14.37 -0.34 0.00	12.34 -0.30 0.00	19.55 -0.44 0.00	17.99 -0.42 0.00	23.74 -0.54 0.00	28.31 -0.69 0.00	27.43 -0.65 0.00	20.81 -0.48 0.00	19.93 -0.45 0.00	18.44 -0.39 0.00	17.73 -0.37 0.00	17.78 -0.39 0.00	17.66 -0.41 0.00	17.50 -0.43 0.00	18.74 -0.47 0.00	23.58 -0.63 0.00	25.39 -0.67 0.00	27.84 -0.74 0.00	22.27 -0.60 0.00	18.54 -0.47 0.00	20.85 -0.47 0.00
SITHE_IND_GS4 24172	18.02 -0.42 0.00	15.47 -0.36 0.00	13.09 -0.31 0.00	14.37 -0.34 0.00	12.34 -0.30 0.00	19.55 -0.44 0.00	17.99 -0.42 0.00	23.74 -0.54 0.00	28.31 -0.69 0.00	27.43 -0.65 0.00	20.81 -0.48 0.00	19.93 -0.45 0.00	18.44 -0.39 0.00	17.73 -0.37 0.00	17.78 -0.39 0.00	17.66 -0.41 0.00	17.50 -0.43 0.00	18.74 -0.47 0.00	23.58 -0.63 0.00	25.39 -0.67 0.00	27.84 -0.74 0.00	22.27 -0.60 0.00	18.54 -0.47 0.00	20.85 -0.47 0.00
SITHE___BATAVIA 24024	18.51 0.07 0.00	15.93 0.10 0.00	13.45 0.05 0.00	14.85 0.15 0.00	12.68 0.03 0.00	20.26 0.27 0.00	18.57 0.16 0.00	24.36 0.08 0.00	28.95 -0.06 0.00	28.03 -0.05 0.00	21.30 0.00 0.00	20.54 0.16 0.00	19.09 0.26 0.00	18.46 0.36 0.00	18.40 0.23 0.00	18.20 0.13 0.00	18.04 0.12 0.00	19.30 0.08 0.00	24.19 -0.02 0.00	26.16 0.09 0.00	28.77 0.19 0.00	22.96 0.09 0.00	19.11 0.10 0.00	21.44 0.12 0.00
SITHE___INDEPEND 23800	18.02 -0.42 0.00	15.47 -0.36 0.00	13.08 -0.31 0.00	14.37 -0.34 0.00	12.34 -0.30 0.00	19.55 -0.44 0.00	17.99 -0.42 0.00	23.74 -0.55 0.00	28.31 -0.69 0.00	27.42 -0.65 0.00	20.81 -0.48 0.00	19.93 -0.45 0.00	18.44 -0.39 0.00	17.73 -0.37 0.00	17.78 -0.39 0.00	17.66 -0.41 0.00	17.50 -0.43 0.00	18.74 -0.47 0.00	23.58 -0.63 0.00	25.39 -0.67 0.00	27.84 -0.74 0.00	22.27 -0.60 0.00	18.54 -0.47 0.00	20.85 -0.47 0.00

SITHE___MASSENA 23902	18.42 -0.02 0.00	15.79 -0.05 0.00	13.33 -0.06 0.00	14.69 -0.01 0.00	12.63 -0.01 0.00	20.00 0.01 0.00	18.44 0.03 0.00	24.31 0.03 0.00	29.07 0.06 0.00	28.10 0.02 0.00	21.29 -0.01 0.00	20.36 -0.02 0.00	18.77 -0.06 0.00	18.00 -0.09 0.00	18.06 -0.11 0.00	17.95 -0.11 0.00	17.82 -0.10 0.00	19.05 -0.16 0.00	23.95 -0.26 0.00	25.84 -0.22 0.00	28.39 -0.18 0.00	22.82 -0.06 0.00	19.02 0.01 0.00	21.33 0.01 0.00
SITHE___OGDNSBRG 24021	18.56 0.12 0.00	15.90 0.06 0.00	13.42 0.02 0.00	14.80 0.09 0.00	12.72 0.08 0.00	20.18 0.18 0.00	18.62 0.21 0.00	24.49 0.21 0.00	29.07 0.06 0.00	28.03 -0.05 0.00	21.27 -0.03 0.00	20.34 -0.04 0.00	18.72 -0.11 0.00	17.89 -0.20 0.00	17.89 -0.28 0.00	17.81 -0.25 0.00	17.73 -0.19 0.00	19.01 -0.21 0.00	23.86 -0.34 0.00	25.95 -0.12 0.00	28.62 0.05 0.00	23.05 0.18 0.00	19.24 0.23 0.00	21.56 0.23 0.00
SITHE___STERLING 23777	18.94 0.49 0.00	16.24 0.41 0.00	13.73 0.33 0.00	15.06 0.36 0.00	12.95 0.31 0.00	20.54 0.54 0.00	18.92 0.51 0.00	24.90 0.62 0.00	29.54 0.53 0.00	28.50 0.42 0.00	21.63 0.34 0.00	20.68 0.31 0.00	19.15 0.32 0.00	18.39 0.30 0.00	18.47 0.30 0.00	18.37 0.30 0.00	18.25 0.33 0.00	19.62 0.40 0.00	24.92 0.71 0.00	26.87 0.80 0.00	29.52 0.94 0.00	23.59 0.71 0.00	19.53 0.52 0.00	21.83 0.51 0.00
SLEIGHT___34_KV_TB1 80719	18.16 -0.28 0.00	15.59 -0.25 0.00	13.17 -0.23 0.00	14.50 -0.21 0.00	12.43 -0.22 0.00	19.79 -0.20 0.00	18.20 -0.20 0.00	23.99 -0.29 0.00	28.44 -0.57 0.00	27.56 -0.52 0.00	20.94 -0.36 0.00	20.10 -0.27 0.00	18.68 -0.15 0.00	17.98 -0.11 0.00	18.05 -0.12 0.00	17.96 -0.10 0.00	17.78 -0.14 0.00	19.04 -0.18 0.00	23.97 -0.24 0.00	25.81 -0.26 0.00	28.30 -0.28 0.00	22.60 -0.27 0.00	18.79 -0.22 0.00	21.09 -0.24 0.00
SOUTH CAIRO___GT 23612	19.12 0.68 0.00	16.44 0.61 0.00	13.95 0.56 0.00	15.26 0.56 0.00	13.17 0.52 0.00	20.73 0.74 0.00	19.15 0.74 0.00	25.14 0.85 0.00	29.70 0.69 0.00	28.44 0.36 0.00	21.51 0.21 0.00	20.49 0.11 0.00	18.88 0.05 0.00	18.16 0.06 0.00	18.24 0.07 0.00	18.17 0.10 0.00	18.24 0.31 0.00	19.80 0.59 0.00	25.18 0.97 0.00	27.27 1.20 0.00	29.95 1.37 0.00	23.93 1.05 0.00	19.86 0.86 0.00	22.20 0.87 0.00
SOUTH HAMPTN___IC 23720	30.40 1.86 -10.10	27.70 1.54 -10.32	16.82 1.29 -2.13	18.39 1.34 -2.34	28.35 1.14 -14.56	43.22 1.83 -21.40	42.85 1.74 -22.70	28.33 2.51 -1.54	44.06 3.02 -12.03	33.69 3.31 -2.31	31.67 2.64 -7.72	23.84 2.45 -1.02	21.04 2.05 -0.16	19.89 1.80 0.00	19.97 1.80 0.00	20.00 1.93 0.00	19.77 1.85 0.00	21.24 2.03 0.00	26.91 2.71 0.00	28.77 2.70 0.00	31.60 3.02 0.00	25.29 2.36 -0.05	21.09 2.01 -0.07	23.45 2.13 0.00
SOUTHDOW___115KV_TB1 355954	19.02 0.58 0.00	16.39 0.56 0.00	13.80 0.40 0.00	15.19 0.49 0.00	12.92 0.28 0.00	20.69 0.69 0.00	18.92 0.51 0.00	25.13 0.85 0.00	30.20 1.20 0.00	29.67 1.60 0.00	22.65 1.36 0.00	21.79 1.42 0.00	20.33 1.50 0.00	19.54 1.45 0.00	19.41 1.24 0.00	19.14 1.08 0.00	18.96 1.04 0.00	20.26 1.04 0.00	25.15 0.94 0.00	26.97 0.91 0.00	29.38 0.80 0.00	23.51 0.63 0.00	19.58 0.57 0.00	22.15 0.82 0.00
SOUTHOLD___69_KV_BK 2 55809	30.53 1.99 -10.11	27.81 1.65 -10.32	16.91 1.38 -2.13	18.49 1.44 -2.34	28.44 1.23 -14.57	43.38 1.98 -21.41	43.00 1.88 -22.71	28.54 2.71 -1.54	44.31 3.26 -12.04	33.95 3.56 -2.31	31.84 2.82 -7.73	23.99 2.60 -1.02	21.15 2.17 -0.16	20.00 1.90 0.00	20.09 1.92 0.00	20.11 2.05 0.00	19.90 1.98 0.00	21.40 2.18 0.00	27.11 2.90 0.00	28.98 2.91 0.00	31.84 3.27 0.00	25.48 2.55 -0.05	21.23 2.15 -0.07	23.60 2.27 0.00
SOUTHOLD___IC 23719	30.54 1.99 -10.11	27.81 1.65 -10.32	16.91 1.38 -2.13	18.49 1.44 -2.34	28.44 1.23 -14.57	43.38 1.98 -21.41	43.00 1.88 -22.71	28.54 2.71 -1.54	44.30 3.26 -12.04	33.94 3.56 -2.31	31.85 2.82 -7.73	23.99 2.59 -1.02	21.15 2.16 -0.16	20.00 1.91 0.00	20.09 1.92 0.00	20.11 2.04 0.00	19.90 1.98 0.00	21.40 2.18 0.00	27.10 2.90 0.00	28.98 2.91 0.00	31.84 3.26 0.00	25.48 2.55 -0.05	21.23 2.15 -0.07	23.60 2.27 0.00
SOUTH_FORK_WT_PWR 323839	30.58 2.04 -10.10	27.86 1.70 -10.32	16.95 1.42 -2.13	18.53 1.48 -2.34	28.48 1.27 -14.57	43.44 2.04 -21.41	43.06 1.95 -22.71	28.62 2.80 -1.54	44.40 3.36 -12.04	34.03 3.64 -2.31	31.90 2.88 -7.73	24.05 2.65 -1.02	21.20 2.21 -0.16	20.04 1.95 0.00	20.13 1.96 0.00	20.15 2.08 0.00	19.94 2.02 0.00	21.45 2.23 0.00	27.17 2.96 0.00	29.04 2.97 0.00	31.91 3.34 0.00	25.53 2.61 -0.05	21.28 2.20 -0.07	23.65 2.32 0.00
SPIERFLS___115KV_TB 1 80737	18.89 0.44 0.00	16.25 0.42 0.00	13.81 0.42 0.00	15.13 0.43 0.00	13.03 0.39 0.00	20.50 0.51 0.00	19.02 0.61 0.00	25.18 0.90 0.00	29.89 0.88 0.00	28.69 0.61 0.00	21.85 0.56 0.00	20.82 0.44 0.00	19.01 0.18 0.00	18.28 0.19 0.00	18.40 0.23 0.00	18.34 0.28 0.00	18.28 0.36 0.00	19.83 0.62 0.00	25.22 1.02 0.00	27.22 1.15 0.00	29.86 1.28 0.00	23.79 0.92 0.00	19.65 0.63 0.00	21.85 0.52 0.00
ST LAWRENCE___ 23600	18.31 -0.13 0.00	15.70 -0.14 0.00	13.26 -0.14 0.00	14.60 -0.10 0.00	12.56 -0.09 0.00	19.87 -0.12 0.00	18.31 -0.09 0.00	24.15 -0.13 0.00	28.92 -0.09 0.00	27.95 -0.13 0.00	21.15 -0.15 0.00	20.23 -0.14 0.00	18.67 -0.16 0.00	17.92 -0.17 0.00	18.00 -0.17 0.00	17.89 -0.17 0.00	17.75 -0.17 0.00	18.98 -0.23 0.00	23.85 -0.36 0.00	25.72 -0.35 0.00	28.24 -0.34 0.00	22.67 -0.20 0.00	18.88 -0.13 0.00	21.19 -0.14 0.00
STATE_CA___115KV_115_LB 55624	18.65 0.21 0.00	16.03 0.20 0.00	13.63 0.23 0.00	14.88 0.17 0.00	12.84 0.20 0.00	20.16 0.17 0.00	18.59 0.18 0.00	24.48 0.19 0.00	29.16 0.16 0.00	28.24 0.16 0.00	21.44 0.14 0.00	20.51 0.13 0.00	18.94 0.12 0.00	18.20 0.11 0.00	18.30 0.13 0.00	18.24 0.18 0.00	18.14 0.22 0.00	19.51 0.29 0.00	24.62 0.41 0.00	26.49 0.42 0.00	29.01 0.44 0.00	23.16 0.29 0.00	19.27 0.26 0.00	21.58 0.26 0.00
STATE_ST___34_KV_LOAD 55959	18.51 0.07 0.00	15.89 0.06 0.00	13.43 0.04 0.00	14.75 0.05 0.00	12.67 0.03 0.00	20.12 0.12 0.00	18.50 0.10 0.00	24.43 0.15 0.00	29.28 0.27 0.00	28.34 0.26 0.00	21.39 0.09 0.00	20.49 0.11 0.00	18.98 0.15 0.00	18.25 0.15 0.00	18.32 0.15 0.00	18.25 0.19 0.00	18.08 0.16 0.00	19.36 0.15 0.00	24.48 0.28 0.00	26.30 0.23 0.00	28.81 0.23 0.00	23.09 0.21 0.00	19.19 0.18 0.00	21.54 0.21 0.00
STATION 5_MISC_HYD 23604	18.26 -0.17 0.00	15.69 -0.14 0.00	13.26 -0.14 0.00	14.61 -0.09 0.00	12.50 -0.14 0.00	19.93 -0.06 0.00	18.28 -0.13 0.00	24.05 -0.23 0.00	28.65 -0.35 0.00	27.79 -0.29 0.00	21.13 -0.17 0.00	20.33 -0.04 0.00	18.89 0.06 0.00	18.20 0.11 0.00	18.23 0.06 0.00	18.07 0.00 0.00	17.87 -0.05 0.00	19.10 -0.11 0.00	23.96 -0.24 0.00	25.83 -0.23 0.00	28.36 -0.21 0.00	22.66 -0.22 0.00	18.85 -0.16 0.00	21.16 -0.16 0.00

STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.40 -0.04 0.00	15.79 -0.04 0.00	13.34 -0.05 0.00	14.69 -0.01 0.00	12.59 -0.05 0.00	20.05 0.06 0.00	18.43 0.02 0.00	24.32 0.04 0.00	28.95 -0.06 0.00	28.05 -0.03 0.00	21.30 0.00 0.00	20.45 0.07 0.00	18.98 0.15 0.00	18.28 0.19 0.00	18.34 0.17 0.00	18.19 0.12 0.00	18.01 0.09 0.00	19.29 0.08 0.00	24.27 0.07 0.00	26.15 0.08 0.00	28.68 0.10 0.00	22.89 0.02 0.00	19.02 0.01 0.00	21.34 0.01 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.23 -0.21 0.00	15.65 -0.19 0.00	13.22 -0.18 0.00	14.56 -0.14 0.00	12.46 -0.18 0.00	19.86 -0.13 0.00	18.24 -0.17 0.00	24.03 -0.25 0.00	28.63 -0.38 0.00	27.68 -0.39 0.00	20.93 -0.37 0.00	20.12 -0.26 0.00	18.73 -0.11 0.00	18.04 -0.06 0.00	18.08 -0.09 0.00	17.93 -0.14 0.00	17.73 -0.19 0.00	18.97 -0.24 0.00	23.82 -0.39 0.00	25.66 -0.41 0.00	28.16 -0.41 0.00	22.49 -0.39 0.00	18.70 -0.31 0.00	21.00 -0.33 0.00
STA_56____34_KV_BUS2 355983	18.23 -0.21 0.00	15.65 -0.19 0.00	13.22 -0.18 0.00	14.56 -0.14 0.00	12.46 -0.18 0.00	19.86 -0.13 0.00	18.24 -0.17 0.00	24.03 -0.25 0.00	28.63 -0.38 0.00	27.68 -0.39 0.00	20.93 -0.37 0.00	20.12 -0.26 0.00	18.73 -0.11 0.00	18.04 -0.06 0.00	18.08 -0.09 0.00	17.93 -0.14 0.00	17.73 -0.19 0.00	18.97 -0.24 0.00	23.82 -0.39 0.00	25.66 -0.41 0.00	28.16 -0.41 0.00	22.49 -0.39 0.00	18.70 -0.31 0.00	21.00 -0.33 0.00
STA_67____115KV_BK2 355882	18.24 -0.20 0.00	15.67 -0.17 0.00	13.23 -0.16 0.00	14.59 -0.11 0.00	12.48 -0.16 0.00	19.89 -0.11 0.00	18.25 -0.16 0.00	24.01 -0.27 0.00	28.60 -0.41 0.00	27.74 -0.34 0.00	21.09 -0.20 0.00	20.28 -0.09 0.00	18.86 0.03 0.00	18.17 0.07 0.00	18.20 0.03 0.00	18.03 -0.03 0.00	17.83 -0.09 0.00	19.06 -0.15 0.00	23.91 -0.30 0.00	25.78 -0.28 0.00	28.31 -0.27 0.00	22.61 -0.27 0.00	18.81 -0.19 0.00	21.13 -0.20 0.00
STA_7____115KV_9TRANS 80674	18.33 -0.11 0.00	15.74 -0.09 0.00	13.30 -0.10 0.00	14.65 -0.05 0.00	12.54 -0.11 0.00	19.99 -0.01 0.00	18.33 -0.07 0.00	24.14 -0.15 0.00	28.74 -0.26 0.00	27.88 -0.20 0.00	21.20 -0.09 0.00	20.39 0.01 0.00	18.96 0.13 0.00	18.27 0.17 0.00	18.30 0.13 0.00	18.13 0.07 0.00	17.93 0.01 0.00	19.18 -0.04 0.00	24.06 -0.15 0.00	25.95 -0.11 0.00	28.49 -0.08 0.00	22.75 -0.12 0.00	18.92 -0.09 0.00	21.24 -0.09 0.00
STA_82____115KV_TB1 80780	18.25 -0.19 0.00	15.68 -0.16 0.00	13.24 -0.15 0.00	14.60 -0.11 0.00	12.49 -0.15 0.00	19.91 -0.08 0.00	18.26 -0.15 0.00	24.03 -0.26 0.00	28.62 -0.39 0.00	27.75 -0.33 0.00	21.10 -0.19 0.00	20.29 -0.08 0.00	18.87 0.04 0.00	18.18 0.08 0.00	18.21 0.04 0.00	18.04 -0.02 0.00	17.84 -0.08 0.00	19.07 -0.14 0.00	23.93 -0.28 0.00	25.80 -0.26 0.00	28.33 -0.25 0.00	22.62 -0.25 0.00	18.82 -0.18 0.00	21.14 -0.19 0.00
STEEL____WIND 323596	18.39 -0.05 0.00	15.84 0.01 0.00	13.37 -0.02 0.00	14.78 0.08 0.00	12.59 -0.06 0.00	20.09 0.10 0.00	18.34 -0.07 0.00	24.18 -0.10 0.00	28.88 -0.13 0.00	28.17 0.09 0.00	21.48 0.19 0.00	20.71 0.34 0.00	19.32 0.49 0.00	18.62 0.52 0.00	18.61 0.44 0.00	18.35 0.29 0.00	18.13 0.21 0.00	19.33 0.12 0.00	24.07 -0.14 0.00	25.95 -0.12 0.00	28.45 -0.13 0.00	22.75 -0.12 0.00	18.95 -0.06 0.00	21.33 0.00 0.00
STEPHTWN_115KV_BK_2 55603	18.77 0.32 0.00	16.12 0.28 0.00	13.68 0.29 0.00	14.96 0.26 0.00	12.91 0.27 0.00	20.30 0.30 0.00	18.75 0.34 0.00	24.72 0.43 0.00	29.39 0.38 0.00	28.41 0.33 0.00	21.54 0.24 0.00	20.58 0.20 0.00	19.00 0.17 0.00	18.28 0.19 0.00	18.38 0.21 0.00	18.32 0.25 0.00	18.25 0.33 0.00	19.65 0.44 0.00	24.84 0.63 0.00	26.72 0.66 0.00	29.25 0.67 0.00	23.33 0.46 0.00	19.40 0.40 0.00	21.73 0.40 0.00
STEUBEN_REC_LFGE 323667	18.51 0.07 0.00	15.89 0.06 0.00	13.33 -0.06 0.00	14.76 0.06 0.00	12.58 -0.07 0.00	19.92 -0.07 0.00	18.20 -0.21 0.00	24.29 0.00 0.00	29.15 0.14 0.00	28.50 0.42 0.00	21.79 0.49 0.00	20.97 0.59 0.00	19.55 0.72 0.00	18.81 0.72 0.00	18.79 0.62 0.00	18.56 0.50 0.00	18.28 0.36 0.00	19.49 0.28 0.00	24.44 0.23 0.00	26.44 0.38 0.00	28.99 0.41 0.00	23.02 0.14 0.00	19.06 0.05 0.00	21.39 0.06 0.00
STILLWATER____SOLAR 323814	19.02 0.58 0.00	16.37 0.53 0.00	13.89 0.49 0.00	15.22 0.52 0.00	13.11 0.46 0.00	20.63 0.64 0.00	19.05 0.64 0.00	25.18 0.90 0.00	29.91 0.90 0.00	28.79 0.71 0.00	21.85 0.55 0.00	20.84 0.46 0.00	19.16 0.33 0.00	18.41 0.32 0.00	18.51 0.34 0.00	18.44 0.38 0.00	18.37 0.45 0.00	19.87 0.66 0.00	25.20 0.99 0.00	27.19 1.12 0.00	29.81 1.23 0.00	23.80 0.92 0.00	19.70 0.69 0.00	21.99 0.67 0.00
STONY____BROOK 24151	32.59 1.41 -12.74	30.01 1.15 -13.02	17.06 0.97 -2.69	18.64 0.98 -2.96	31.85 0.83 -18.37	48.31 1.31 -27.00	48.25 1.20 -28.64	28.03 1.80 -1.95	46.33 2.14 -15.18	33.44 2.46 -2.90	32.95 2.03 -9.62	23.46 1.89 -1.19	20.65 1.65 -0.17	19.55 1.46 0.00	19.63 1.46 0.00	19.65 1.58 0.00	19.38 1.46 0.00	20.73 1.52 0.00	26.20 1.99 0.00	27.96 1.89 0.00	30.67 2.10 0.00	24.58 1.65 -0.06	20.57 1.47 -0.09	22.87 1.55 0.00
STURGEON_POOL_HYD 23609	19.45 1.01 0.00	16.68 0.84 0.00	14.10 0.70 0.00	15.41 0.71 0.00	13.26 0.61 0.00	20.96 0.96 0.00	19.32 0.91 0.00	25.70 1.42 0.00	30.71 1.70 0.00	29.95 1.87 0.00	22.77 1.47 0.00	21.72 1.35 0.00	20.06 1.24 0.00	19.25 1.15 0.00	19.34 1.17 0.00	19.28 1.21 0.00	19.13 1.21 0.00	20.60 1.39 0.00	26.03 1.82 0.00	27.92 1.85 0.00	30.57 1.99 0.00	24.38 1.50 0.00	20.13 1.12 0.00	22.48 1.16 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.23 0.79 0.00	16.51 0.67 0.00	13.96 0.57 0.00	15.26 0.56 0.00	13.14 0.49 0.00	20.75 0.75 0.00	19.12 0.71 0.00	25.38 1.10 0.00	30.30 1.30 0.00	29.50 1.42 0.00	22.45 1.16 0.00	21.45 1.08 0.00	19.81 0.99 0.00	19.02 0.93 0.00	19.13 0.96 0.00	19.06 0.99 0.00	18.92 0.99 0.00	20.38 1.16 0.00	25.73 1.53 0.00	27.60 1.53 0.00	30.21 1.63 0.00	24.10 1.22 0.00	19.91 0.91 0.00	22.28 0.95 0.00
SWANROAD_115KV_TB1 355699	17.85 -0.59 0.00	15.38 -0.45 0.00	13.00 -0.39 0.00	14.38 -0.33 0.00	12.25 -0.40 0.00	19.54 -0.45 0.00	17.83 -0.58 0.00	23.26 -1.02 0.00	27.73 -1.28 0.00	27.00 -1.08 0.00	20.60 -0.70 0.00	19.85 -0.53 0.00	18.54 -0.29 0.00	17.85 -0.24 0.00	17.83 -0.33 0.00	17.63 -0.43 0.00	17.38 -0.54 0.00	18.52 -0.69 0.00	23.03 -1.17 0.00	24.86 -1.20 0.00	27.34 -1.24 0.00	21.91 -0.97 0.00	18.30 -0.72 0.00	20.60 -0.73 0.00
SYNERGY____BIOGAS 323694	18.51 0.07 0.00	15.93 0.10 0.00	13.45 0.05 0.00	14.85 0.15 0.00	12.68 0.03 0.00	20.26 0.27 0.00	18.57 0.16 0.00	24.36 0.08 0.00	28.95 -0.06 0.00	28.03 -0.05 0.00	21.30 0.00 0.00	20.54 0.16 0.00	19.09 0.26 0.00	18.46 0.36 0.00	18.40 0.23 0.00	18.20 0.13 0.00	18.04 0.12 0.00	19.30 0.08 0.00	24.19 -0.02 0.00	26.16 0.09 0.00	28.77 0.19 0.00	22.96 0.09 0.00	19.11 0.10 0.00	21.44 0.12 0.00

SYRACUSE___ENERGY_ST1 323597	18.42 -0.02 0.00	15.81 -0.02 0.00	13.37 -0.03 0.00	14.68 -0.03 0.00	12.62 -0.03 0.00	20.00 0.01 0.00	18.41 0.00 0.00	24.30 0.02 0.00	28.99 -0.02 0.00	28.06 -0.02 0.00	21.28 -0.01 0.00	20.38 0.00 0.00	18.86 0.04 0.00	18.14 0.05 0.00	18.21 0.04 0.00	18.10 0.04 0.00	17.94 0.02 0.00	19.24 0.03 0.00	24.26 0.05 0.00	26.11 0.04 0.00	28.63 0.05 0.00	22.88 0.00 0.00	19.01 0.00 0.00	21.35 0.03 0.00
SYRACUSE___ENERGY_ST2 323598	18.42 -0.02 0.00	15.81 -0.02 0.00	13.37 -0.03 0.00	14.68 -0.03 0.00	12.62 -0.03 0.00	20.00 0.01 0.00	18.41 0.00 0.00	24.30 0.02 0.00	28.99 -0.02 0.00	28.06 -0.02 0.00	21.28 -0.01 0.00	20.38 0.00 0.00	18.86 0.04 0.00	18.14 0.05 0.00	18.21 0.04 0.00	18.10 0.04 0.00	17.94 0.02 0.00	19.24 0.03 0.00	24.26 0.05 0.00	26.11 0.04 0.00	28.63 0.05 0.00	22.88 0.00 0.00	19.01 0.00 0.00	21.35 0.03 0.00
SYRACUSE___POWER 24017	18.45 0.02 0.00	15.84 0.00 0.00	13.39 0.00 0.00	14.70 0.00 0.00	12.63 -0.01 0.00	20.02 0.03 0.00	18.44 0.03 0.00	24.34 0.05 0.00	28.99 -0.02 0.00	28.05 -0.03 0.00	21.30 0.00 0.00	20.39 0.01 0.00	18.88 0.05 0.00	18.16 0.06 0.00	18.23 0.06 0.00	18.11 0.05 0.00	17.95 0.04 0.00	19.26 0.04 0.00	24.29 0.08 0.00	26.16 0.09 0.00	28.70 0.12 0.00	22.92 0.05 0.00	19.04 0.04 0.00	21.37 0.05 0.00
TALLMAN___138KV_BK151 55660	19.30 0.86 0.00	16.57 0.74 0.00	14.01 0.62 0.00	15.31 0.61 0.00	13.18 0.53 0.00	20.82 0.83 0.00	19.19 0.78 0.00	25.49 1.21 0.00	30.47 1.46 0.00	29.68 1.60 0.00	22.61 1.31 0.00	21.60 1.22 0.00	19.96 1.13 0.00	19.15 1.06 0.00	19.27 1.10 0.00	19.19 1.13 0.00	19.05 1.13 0.00	20.51 1.30 0.00	25.90 1.69 0.00	27.74 1.68 0.00	30.36 1.78 0.00	24.21 1.34 0.00	19.99 0.98 0.00	22.37 1.04 0.00
TEALLAVE_115KV_TB7 355573	18.34 -0.09 0.00	15.75 -0.09 0.00	13.31 -0.08 0.00	14.62 -0.09 0.00	12.56 -0.09 0.00	19.91 -0.08 0.00	18.32 -0.08 0.00	24.19 -0.10 0.00	28.83 -0.18 0.00	27.92 -0.16 0.00	21.20 -0.09 0.00	20.31 -0.07 0.00	18.80 -0.03 0.00	18.08 -0.01 0.00	18.15 -0.02 0.00	18.03 -0.04 0.00	17.86 -0.06 0.00	19.16 -0.06 0.00	24.14 -0.07 0.00	25.98 -0.08 0.00	28.49 -0.08 0.00	22.76 -0.11 0.00	18.92 -0.09 0.00	21.25 -0.08 0.00
TELGRAPH_34_KV_EAST 80808	18.23 -0.21 0.00	15.70 -0.14 0.00	13.26 -0.14 0.00	14.65 -0.06 0.00	12.49 -0.16 0.00	19.94 -0.05 0.00	18.23 -0.17 0.00	23.88 -0.40 0.00	28.45 -0.56 0.00	27.64 -0.44 0.00	21.06 -0.24 0.00	20.29 -0.09 0.00	18.92 0.09 0.00	18.26 0.17 0.00	18.22 0.05 0.00	18.01 -0.05 0.00	17.80 -0.13 0.00	19.00 -0.22 0.00	23.72 -0.49 0.00	25.60 -0.47 0.00	28.14 -0.43 0.00	22.50 -0.38 0.00	18.75 -0.26 0.00	21.09 -0.24 0.00
TEMPLE___115KV_TB 2 55572	18.35 -0.09 0.00	15.75 -0.08 0.00	13.32 -0.08 0.00	14.62 -0.08 0.00	12.57 -0.08 0.00	19.91 -0.08 0.00	18.33 -0.07 0.00	24.20 -0.08 0.00	28.85 -0.15 0.00	27.94 -0.14 0.00	21.22 -0.07 0.00	20.33 -0.05 0.00	18.82 -0.01 0.00	18.10 0.01 0.00	18.17 0.00 0.00	18.04 -0.02 0.00	17.88 -0.04 0.00	19.17 -0.04 0.00	24.16 -0.05 0.00	26.00 -0.07 0.00	28.51 -0.07 0.00	22.78 -0.09 0.00	18.93 -0.08 0.00	21.26 -0.06 0.00
TIANA___69_KV_BK 1 55817	30.33 1.78 -10.11	27.64 1.48 -10.32	16.77 1.24 -2.13	18.33 1.28 -2.34	28.30 1.09 -14.57	43.14 1.74 -21.41	42.76 1.65 -22.71	28.22 2.39 -1.54	43.92 2.87 -12.04	33.56 3.17 -2.31	31.57 2.54 -7.73	23.76 2.37 -1.02	20.97 1.98 -0.16	19.83 1.73 0.00	19.90 1.73 0.00	19.93 1.86 0.00	19.70 1.78 0.00	21.16 1.94 0.00	26.81 2.61 0.00	28.65 2.59 0.00	31.47 2.89 0.00	25.19 2.27 -0.05	21.01 1.93 -0.07	23.37 2.05 0.00
TILDEN___115KV_TB1 80814	18.45 0.02 0.00	15.84 0.00 0.00	13.39 0.00 0.00	14.70 0.00 0.00	12.63 -0.01 0.00	20.02 0.03 0.00	18.44 0.03 0.00	24.34 0.05 0.00	28.99 -0.02 0.00	28.05 -0.03 0.00	21.30 0.00 0.00	20.39 0.01 0.00	18.88 0.05 0.00	18.16 0.06 0.00	18.23 0.06 0.00	18.11 0.05 0.00	17.95 0.04 0.00	19.26 0.04 0.00	24.29 0.08 0.00	26.16 0.09 0.00	28.70 0.12 0.00	22.92 0.05 0.00	19.04 0.04 0.00	21.37 0.05 0.00
TRIGEN___CC 323695	19.51 1.07 0.00	16.72 0.88 0.00	14.13 0.73 0.00	15.42 0.72 0.00	13.27 0.63 0.00	20.98 0.99 0.00	19.32 0.91 0.00	25.70 1.41 0.00	30.70 1.70 0.00	30.28 1.97 -0.23	26.55 1.62 -3.63	24.62 1.52 -2.72	21.20 1.35 -1.03	19.29 1.20 0.00	19.38 1.21 0.00	19.34 1.28 0.00	19.15 1.23 0.00	20.56 1.35 0.00	26.00 1.79 0.00	27.73 1.66 0.00	30.40 1.82 0.00	24.28 1.41 0.00	20.16 1.15 0.00	22.53 1.20 0.00
TRINITY___115KV___4 BK 55933	18.59 0.15 0.00	15.99 0.15 0.00	13.59 0.19 0.00	14.84 0.14 0.00	12.81 0.16 0.00	20.10 0.11 0.00	18.53 0.12 0.00	24.36 0.08 0.00	29.03 0.02 0.00	28.11 0.03 0.00	21.35 0.05 0.00	20.41 0.03 0.00	18.85 0.02 0.00	18.12 0.03 0.00	18.21 0.04 0.00	18.15 0.08 0.00	18.03 0.11 0.00	19.38 0.17 0.00	24.48 0.27 0.00	26.35 0.28 0.00	28.86 0.28 0.00	23.06 0.18 0.00	19.18 0.17 0.00	21.50 0.17 0.00
UNION___PROCESSING_DRP 323587	18.25 -0.18 0.00	15.68 -0.16 0.00	13.24 -0.15 0.00	14.60 -0.10 0.00	12.50 -0.15 0.00	19.91 -0.08 0.00	18.26 -0.15 0.00	24.03 -0.25 0.00	28.62 -0.38 0.00	27.76 -0.31 0.00	21.11 -0.19 0.00	20.30 -0.08 0.00	18.87 0.05 0.00	18.18 0.09 0.00	18.21 0.05 0.00	18.05 -0.02 0.00	17.85 -0.08 0.00	19.08 -0.13 0.00	23.94 -0.27 0.00	25.81 -0.26 0.00	28.34 -0.24 0.00	22.63 -0.24 0.00	18.83 -0.18 0.00	21.15 -0.18 0.00
UPPER HUDSON___HYD 24058	18.89 0.45 0.00	16.25 0.42 0.00	13.81 0.42 0.00	15.13 0.43 0.00	13.03 0.39 0.00	20.50 0.51 0.00	19.02 0.61 0.00	25.18 0.90 0.00	29.89 0.88 0.00	28.69 0.61 0.00	21.86 0.56 0.00	20.82 0.44 0.00	19.01 0.18 0.00	18.28 0.19 0.00	18.40 0.23 0.00	18.34 0.28 0.00	18.28 0.36 0.00	19.83 0.62 0.00	25.22 1.02 0.00	27.22 1.15 0.00	29.86 1.28 0.00	23.79 0.92 0.00	19.65 0.63 0.00	21.85 0.52 0.00
UPPER RAQUET___HYD 24056	18.20 -0.24 0.00	15.59 -0.24 0.00	13.16 -0.24 0.00	14.51 -0.19 0.00	12.47 -0.18 0.00	19.75 -0.24 0.00	18.22 -0.19 0.00	24.01 -0.28 0.00	28.62 -0.39 0.00	27.68 -0.40 0.00	21.13 -0.16 0.00	20.19 -0.18 0.00	18.52 -0.31 0.00	17.61 -0.49 0.00	17.52 -0.65 0.00	17.43 -0.64 0.00	17.31 -0.61 0.00	18.53 -0.68 0.00	23.36 -0.85 0.00	25.29 -0.78 0.00	27.86 -0.72 0.00	22.54 -0.33 0.00	18.90 -0.11 0.00	21.17 -0.16 0.00
VALLEY44_115KV_TB2 355964	18.97 0.53 0.00	16.32 0.49 0.00	13.76 0.37 0.00	15.22 0.52 0.00	13.00 0.35 0.00	20.72 0.72 0.00	18.92 0.51 0.00	25.12 0.84 0.00	30.08 1.07 0.00	29.22 1.15 0.00	22.19 0.89 0.00	21.34 0.97 0.00	19.81 0.99 0.00	19.07 0.97 0.00	19.08 0.92 0.00	18.87 0.80 0.00	18.62 0.70 0.00	19.88 0.67 0.00	24.80 0.59 0.00	26.66 0.60 0.00	29.17 0.60 0.00	23.25 0.37 0.00	19.46 0.44 0.00	21.93 0.61 0.00

VALLEY___115KV_TB 1-4 80826	18.50 0.06 0.00	15.88 0.05 0.00	13.42 0.02 0.00	14.67 -0.04 0.00	12.63 -0.02 0.00	19.95 -0.04 0.00	18.40 -0.01 0.00	24.27 -0.01 0.00	28.91 -0.10 0.00	27.74 -0.33 0.00	21.02 -0.28 0.00	20.07 -0.31 0.00	18.52 -0.31 0.00	17.80 -0.30 0.00	17.88 -0.29 0.00	17.87 -0.20 0.00	17.83 -0.10 0.00	19.19 -0.02 0.00	24.27 0.06 0.00	26.15 0.09 0.00	28.62 0.04 0.00	22.84 -0.03 0.00	18.94 -0.07 0.00	21.19 -0.13 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.11 0.67 0.00	16.40 0.56 0.00	13.87 0.48 0.00	15.20 0.50 0.00	13.08 0.43 0.00	20.71 0.72 0.00	19.08 0.68 0.00	25.22 0.94 0.00	30.10 1.10 0.00	29.21 1.13 0.00	22.18 0.89 0.00	21.21 0.84 0.00	19.62 0.79 0.00	18.83 0.74 0.00	18.93 0.76 0.00	18.84 0.77 0.00	18.71 0.79 0.00	20.11 0.90 0.00	25.38 1.17 0.00	27.26 1.20 0.00	29.85 1.28 0.00	23.83 0.95 0.00	19.74 0.73 0.00	22.10 0.77 0.00
VISCHER___FERRY HYD 24020	18.89 0.45 0.00	16.28 0.44 0.00	13.81 0.42 0.00	15.13 0.43 0.00	13.04 0.39 0.00	20.47 0.48 0.00	18.87 0.46 0.00	24.91 0.63 0.00	29.64 0.63 0.00	28.62 0.54 0.00	21.69 0.40 0.00	20.72 0.35 0.00	19.09 0.26 0.00	18.34 0.25 0.00	18.43 0.26 0.00	18.35 0.29 0.00	18.24 0.32 0.00	19.67 0.45 0.00	24.92 0.71 0.00	26.85 0.79 0.00	29.43 0.85 0.00	23.53 0.66 0.00	19.52 0.51 0.00	21.82 0.50 0.00
V_A_10_SYNC_DSASP 323832	17.98 -0.46 0.00	15.48 -0.36 0.00	13.07 -0.32 0.00	14.44 -0.27 0.00	12.32 -0.32 0.00	19.65 -0.34 0.00	17.97 -0.43 0.00	23.61 -0.67 0.00	28.16 -0.85 0.00	27.37 -0.70 0.00	20.84 -0.46 0.00	20.09 -0.28 0.00	18.71 -0.12 0.00	18.02 -0.07 0.00	18.03 -0.14 0.00	17.83 -0.24 0.00	17.60 -0.32 0.00	18.78 -0.44 0.00	23.44 -0.77 0.00	25.29 -0.78 0.00	27.76 -0.82 0.00	22.18 -0.69 0.00	18.50 -0.51 0.00	20.83 -0.50 0.00
V_CMM_10_SYNC_DSASP 323787	18.39 -0.05 0.00	15.77 -0.07 0.00	13.32 -0.08 0.00	14.67 -0.03 0.00	12.62 -0.03 0.00	19.97 -0.02 0.00	18.40 -0.01 0.00	24.26 -0.02 0.00	29.05 0.05 0.00	28.09 0.00 0.00	21.25 -0.05 0.00	20.33 -0.05 0.00	18.75 -0.07 0.00	18.01 -0.08 0.00	18.08 -0.08 0.00	17.98 -0.09 0.00	17.84 -0.08 0.00	19.08 -0.14 0.00	23.97 -0.24 0.00	25.84 -0.22 0.00	28.37 -0.21 0.00	22.78 -0.09 0.00	18.97 -0.04 0.00	21.28 -0.04 0.00
V_CMP_10_SYNC_DSASP 323788	19.25 0.81 0.00	16.57 0.74 0.00	14.00 0.61 0.00	15.41 0.70 0.00	13.34 0.69 0.00	21.02 1.02 0.00	19.49 1.09 0.00	25.85 1.57 0.00	30.77 1.76 0.00	29.70 1.62 0.00	22.33 1.04 0.00	21.21 0.83 0.00	19.48 0.65 0.00	18.64 0.55 0.00	18.66 0.49 0.00	18.54 0.48 0.00	18.34 0.42 0.00	19.58 0.37 0.00	24.57 0.36 0.00	26.70 0.64 0.00	29.26 0.68 0.00	23.32 0.44 0.00	19.44 0.43 0.00	21.78 0.45 0.00
V_D_10_SYNC_DSASP 323841	18.43 -0.02 0.00	15.80 -0.04 0.00	13.34 -0.06 0.00	14.70 -0.01 0.00	12.64 -0.01 0.00	20.01 0.02 0.00	18.44 0.04 0.00	24.31 0.03 0.00	29.08 0.07 0.00	28.11 0.03 0.00	21.29 -0.01 0.00	20.37 -0.01 0.00	18.78 -0.05 0.00	18.01 -0.08 0.00	18.06 -0.11 0.00	17.96 -0.11 0.00	17.83 -0.09 0.00	19.07 -0.15 0.00	23.96 -0.25 0.00	25.86 -0.21 0.00	28.40 -0.18 0.00	22.83 -0.05 0.00	19.03 0.02 0.00	21.34 0.01 0.00
V_E_10_SYNC_DSASP 323830	19.73 1.29 0.00	16.95 1.12 0.00	14.29 0.90 0.00	15.70 1.00 0.00	13.49 0.84 0.00	21.39 1.40 0.00	19.69 1.29 0.00	25.79 1.51 0.00	30.52 1.51 0.00	29.40 1.32 0.00	22.28 0.99 0.00	21.31 0.94 0.00	19.78 0.95 0.00	19.00 0.91 0.00	19.11 0.94 0.00	19.07 1.01 0.00	19.09 1.17 0.00	20.61 1.40 0.00	25.81 1.60 0.00	27.92 1.86 0.00	30.72 2.15 0.00	24.51 1.63 0.00	20.13 1.12 0.00	22.30 0.98 0.00
V_F_30_NSYNC___DSASP 323816	19.04 0.60 0.00	16.38 0.55 0.00	13.90 0.50 0.00	15.23 0.53 0.00	13.12 0.47 0.00	20.65 0.66 0.00	19.08 0.67 0.00	25.21 0.93 0.00	29.96 0.95 0.00	28.86 0.78 0.00	21.90 0.60 0.00	20.90 0.52 0.00	19.21 0.38 0.00	18.46 0.37 0.00	18.56 0.39 0.00	18.49 0.43 0.00	18.42 0.50 0.00	19.92 0.70 0.00	25.24 1.04 0.00	27.22 1.16 0.00	29.85 1.27 0.00	23.83 0.95 0.00	19.72 0.71 0.00	22.02 0.70 0.00
V_F_30_SYNC_DSASP 323786	18.65 0.21 0.00	16.03 0.20 0.00	13.63 0.23 0.00	14.88 0.18 0.00	12.84 0.20 0.00	20.16 0.17 0.00	18.59 0.18 0.00	24.48 0.19 0.00	29.16 0.16 0.00	28.24 0.16 0.00	21.44 0.14 0.00	20.50 0.13 0.00	18.94 0.12 0.00	18.20 0.11 0.00	18.30 0.13 0.00	18.24 0.18 0.00	18.14 0.22 0.00	19.50 0.29 0.00	24.61 0.41 0.00	26.48 0.42 0.00	29.01 0.44 0.00	23.16 0.29 0.00	19.27 0.25 0.00	21.58 0.25 0.00
V_XM_10_SYNC_DSASP 323789	19.25 0.81 0.00	16.57 0.74 0.00	14.00 0.61 0.00	15.41 0.70 0.00	13.34 0.69 0.00	21.02 1.02 0.00	19.49 1.09 0.00	25.85 1.57 0.00	30.77 1.76 0.00	29.70 1.62 0.00	22.33 1.04 0.00	21.21 0.83 0.00	19.48 0.65 0.00	18.64 0.55 0.00	18.66 0.49 0.00	18.54 0.48 0.00	18.34 0.42 0.00	19.58 0.37 0.00	24.57 0.36 0.00	26.70 0.64 0.00	29.26 0.68 0.00	23.32 0.44 0.00	19.44 0.43 0.00	21.78 0.45 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.36 0.92 0.00	16.62 0.79 0.00	14.05 0.66 0.00	15.35 0.65 0.00	13.21 0.57 0.00	20.88 0.89 0.00	19.24 0.83 0.00	25.56 1.28 0.00	30.56 1.55 0.00	29.77 1.69 0.00	22.67 1.38 0.00	21.66 1.28 0.00	20.01 1.18 0.00	19.21 1.12 0.00	19.32 1.15 0.00	19.24 1.18 0.00	19.10 1.18 0.00	20.57 1.35 0.00	25.97 1.76 0.00	27.82 1.76 0.00	30.45 1.87 0.00	24.28 1.40 0.00	20.05 1.05 0.00	22.43 1.10 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.51 1.07 0.00	16.74 0.90 0.00	14.15 0.75 0.00	15.46 0.75 0.00	13.30 0.66 0.00	21.00 1.01 0.00	19.33 0.92 0.00	25.72 1.44 0.00	30.78 1.78 0.00	30.08 2.01 0.00	22.90 1.61 0.00	21.90 1.52 0.00	20.22 1.39 0.00	19.41 1.31 0.00	19.50 1.34 0.00	19.44 1.38 0.00	19.29 1.37 0.00	20.74 1.53 0.00	26.12 1.91 0.00	27.92 1.86 0.00	30.55 1.97 0.00	24.37 1.50 0.00	20.18 1.17 0.00	22.56 1.23 0.00
W50THST__13_KV_LOAD 356117	19.62 1.18 0.00	16.82 0.99 0.00	14.22 0.82 0.00	15.54 0.83 0.00	13.37 0.72 0.00	21.11 1.12 0.00	19.44 1.03 0.00	25.89 1.60 0.00	30.99 1.99 0.00	30.30 2.22 0.00	23.07 1.77 0.00	22.06 1.68 0.00	20.38 1.55 0.00	19.55 1.46 0.00	19.65 1.49 0.00	19.58 1.52 0.00	19.44 1.52 0.00	20.89 1.68 0.00	26.29 2.08 0.00	28.10 2.03 0.00	30.73 2.15 0.00	24.51 1.63 0.00	20.28 1.27 0.00	22.68 1.36 0.00
WADING RIVER_IC_1 23522	29.99 1.58 -9.96	27.32 1.30 -10.18	16.59 1.09 -2.11	18.13 1.12 -2.31	27.96 0.95 -14.37	42.62 1.51 -21.11	42.21 1.41 -22.40	27.89 2.08 -1.52	43.37 2.49 -11.87	33.15 2.80 -2.28	31.20 2.28 -7.63	23.50 2.11 -1.01	20.78 1.79 -0.16	19.65 1.56 0.00	19.72 1.55 0.00	19.74 1.68 0.00	19.51 1.59 0.00	20.93 1.71 0.00	26.51 2.30 0.00	28.32 2.25 0.00	31.09 2.51 0.00	24.89 1.97 -0.05	20.78 1.70 -0.07	23.12 1.80 0.00

WADING RIVER_IC_2 23547	29.99 1.58 -9.96	27.32 1.30 -10.18	16.59 1.09 -2.11	18.13 1.12 -2.31	27.96 0.95 -14.37	42.62 1.51 -21.11	42.21 1.41 -22.40	27.89 2.08 -1.52	43.37 2.49 -11.87	33.15 2.80 -2.28	31.20 2.28 -7.63	23.50 2.11 -1.01	20.78 1.79 -0.16	19.65 1.56 0.00	19.72 1.55 0.00	19.74 1.68 0.00	19.51 1.59 0.00	20.93 1.71 0.00	26.51 2.30 0.00	28.32 2.25 0.00	31.09 2.51 0.00	24.89 1.97 -0.05	20.78 1.70 -0.07	23.12 1.80 0.00
WADING RIVER_IC_3 23601	29.99 1.58 -9.96	27.32 1.30 -10.18	16.59 1.09 -2.11	18.13 1.12 -2.31	27.96 0.95 -14.37	42.62 1.51 -21.11	42.21 1.41 -22.40	27.89 2.08 -1.52	43.37 2.49 -11.87	33.15 2.80 -2.28	31.20 2.28 -7.63	23.50 2.11 -1.01	20.78 1.79 -0.16	19.65 1.56 0.00	19.72 1.55 0.00	19.74 1.68 0.00	19.51 1.59 0.00	20.93 1.71 0.00	26.51 2.30 0.00	28.32 2.25 0.00	31.09 2.51 0.00	24.89 1.97 -0.05	20.78 1.70 -0.07	23.12 1.80 0.00
WALDENNY_I2_KV_BK2 80841	18.40 -0.04 0.00	15.85 0.01 0.00	13.38 -0.02 0.00	14.77 0.07 0.00	12.59 -0.06 0.00	20.09 0.10 0.00	18.35 -0.06 0.00	24.15 -0.14 0.00	28.86 -0.15 0.00	28.14 0.06 0.00	21.48 0.18 0.00	20.69 0.32 0.00	19.32 0.50 0.00	18.62 0.53 0.00	18.61 0.45 0.00	18.38 0.31 0.00	18.13 0.21 0.00	19.33 0.11 0.00	24.05 -0.16 0.00	25.93 -0.14 0.00	28.45 -0.13 0.00	22.75 -0.13 0.00	18.95 -0.06 0.00	21.32 -0.01 0.00
WALDEN___HYDRO 24148	19.36 0.92 0.00	16.62 0.78 0.00	14.06 0.66 0.00	15.36 0.66 0.00	13.22 0.57 0.00	20.88 0.89 0.00	19.25 0.85 0.00	25.56 1.28 0.00	30.50 1.49 0.00	29.68 1.60 0.00	22.57 1.28 0.00	21.55 1.17 0.00	19.90 1.07 0.00	19.10 1.01 0.00	19.21 1.04 0.00	19.14 1.08 0.00	19.01 1.09 0.00	20.49 1.28 0.00	25.90 1.69 0.00	27.80 1.73 0.00	30.45 1.87 0.00	24.28 1.41 0.00	20.07 1.06 0.00	22.42 1.10 0.00
WARRENSBURG___ 23737	18.89 0.45 0.00	16.25 0.42 0.00	13.81 0.42 0.00	15.13 0.43 0.00	13.03 0.39 0.00	20.50 0.51 0.00	19.02 0.61 0.00	25.18 0.90 0.00	29.89 0.88 0.00	28.69 0.61 0.00	21.86 0.56 0.00	20.82 0.44 0.00	19.01 0.18 0.00	18.28 0.19 0.00	18.40 0.23 0.00	18.34 0.28 0.00	18.28 0.36 0.00	19.83 0.62 0.00	25.22 1.02 0.00	27.22 1.15 0.00	29.86 1.28 0.00	23.79 0.92 0.00	19.65 0.63 0.00	21.85 0.52 0.00
WATERSIDE___6 8 9 23538	19.47 1.02 0.00	16.69 0.86 0.00	14.11 0.72 0.00	15.42 0.72 0.00	13.27 0.62 0.00	20.94 0.94 0.00	19.28 0.87 0.00	25.67 1.39 0.00	30.71 1.70 0.00	29.99 1.91 0.00	22.83 1.54 0.00	21.82 1.45 0.00	20.16 1.33 0.00	19.35 1.25 0.00	19.44 1.27 0.00	19.38 1.31 0.00	19.23 1.31 0.00	20.67 1.46 0.00	26.04 1.84 0.00	27.86 1.79 0.00	30.48 1.90 0.00	24.32 1.44 0.00	20.13 1.12 0.00	22.51 1.18 0.00
WATKINRD_115KV_LN8_ILLION 55919	18.50 0.06 0.00	15.89 0.06 0.00	13.44 0.05 0.00	14.72 0.02 0.00	12.67 0.02 0.00	20.01 0.02 0.00	18.44 0.04 0.00	24.35 0.06 0.00	28.98 -0.02 0.00	27.92 -0.16 0.00	21.16 -0.14 0.00	20.20 -0.17 0.00	18.64 -0.19 0.00	17.91 -0.19 0.00	17.98 -0.18 0.00	17.96 -0.11 0.00	17.89 -0.03 0.00	19.25 0.04 0.00	24.33 0.12 0.00	26.24 0.17 0.00	28.75 0.17 0.00	22.97 0.10 0.00	19.05 0.04 0.00	21.31 -0.01 0.00
WATSON___69_KV_BK 1 55734	24.70 1.50 -4.76	21.91 1.21 -4.87	15.42 1.02 -1.01	16.85 1.04 -1.10	20.39 0.88 -6.87	31.48 1.40 -10.09	30.42 1.32 -10.70	26.97 1.96 -0.73	37.01 2.33 -5.67	31.85 2.65 -1.12	27.63 2.17 -4.16	23.29 2.05 -0.87	20.83 1.78 -0.22	19.64 1.55 0.00	19.69 1.52 0.00	19.71 1.65 0.00	19.46 1.54 0.00	20.88 1.66 0.00	26.45 2.24 0.00	28.22 2.16 0.00	30.98 2.41 0.00	24.80 1.90 -0.02	20.66 1.62 -0.03	23.04 1.71 0.00
WDELAWARE___HYD 323627	19.88 1.44 0.00	17.06 1.23 0.00	14.44 1.04 0.00	15.80 1.09 0.00	13.60 0.95 0.00	21.55 1.55 0.00	19.85 1.44 0.00	26.32 2.04 0.00	31.33 2.33 0.00	30.41 2.33 0.00	22.66 1.36 0.00	21.47 1.09 0.00	19.79 0.96 0.00	18.85 0.75 0.00	18.83 0.66 0.00	18.76 0.69 0.00	18.63 0.71 0.00	20.14 0.92 0.00	25.55 1.34 0.00	27.46 1.39 0.00	30.09 1.51 0.00	23.99 1.11 0.00	19.80 0.79 0.00	22.12 0.79 0.00
WEST BABYLON___IC 23714	20.91 1.41 -1.06	18.06 1.14 -1.09	14.58 0.96 -0.22	15.92 0.97 -0.24	15.00 0.83 -1.53	23.56 1.32 -2.25	22.03 1.24 -2.39	26.30 1.86 -0.16	32.50 2.23 -1.26	30.92 2.53 -0.31	25.32 2.07 -1.96	23.29 1.95 -0.96	20.86 1.70 -0.34	19.56 1.47 0.00	19.62 1.45 0.00	19.61 1.55 0.00	19.38 1.46 0.00	20.81 1.60 0.00	26.35 2.14 0.00	28.11 2.05 0.00	30.87 2.30 0.00	24.69 1.81 0.00	20.55 1.54 -0.01	22.94 1.61 0.00
WEST CANADA___HYD 24049	18.49 0.06 0.00	15.88 0.05 0.00	13.45 0.05 0.00	14.74 0.04 0.00	12.68 0.04 0.00	20.03 0.04 0.00	18.44 0.04 0.00	24.35 0.07 0.00	29.06 0.05 0.00	28.11 0.04 0.00	21.34 0.04 0.00	20.41 0.04 0.00	18.86 0.04 0.00	18.12 0.03 0.00	18.21 0.04 0.00	18.10 0.04 0.00	17.97 0.05 0.00	19.29 0.07 0.00	24.34 0.13 0.00	26.20 0.14 0.00	28.71 0.14 0.00	22.96 0.08 0.00	19.06 0.05 0.00	21.37 0.04 0.00
WESTERN_NY_WIND 24143	18.49 0.06 0.00	15.92 0.08 0.00	13.44 0.04 0.00	14.84 0.14 0.00	12.67 0.02 0.00	20.25 0.26 0.00	18.55 0.14 0.00	24.33 0.05 0.00	28.92 -0.09 0.00	28.00 -0.07 0.00	21.29 0.00 0.00	20.50 0.13 0.00	19.08 0.25 0.00	18.45 0.36 0.00	18.38 0.21 0.00	18.18 0.12 0.00	18.02 0.10 0.00	19.28 0.06 0.00	24.17 -0.04 0.00	26.12 0.06 0.00	28.74 0.16 0.00	22.94 0.06 0.00	19.09 0.08 0.00	21.42 0.10 0.00
WESTOVER___LESR 323668	18.70 0.26 0.00	16.06 0.22 0.00	13.58 0.18 0.00	14.91 0.20 0.00	12.79 0.14 0.00	20.28 0.29 0.00	18.61 0.20 0.00	24.66 0.38 0.00	29.44 0.43 0.00	28.57 0.49 0.00	21.72 0.43 0.00	20.81 0.44 0.00	19.29 0.46 0.00	18.55 0.45 0.00	18.63 0.46 0.00	18.48 0.42 0.00	18.32 0.40 0.00	19.67 0.46 0.00	24.71 0.50 0.00	26.55 0.49 0.00	29.06 0.48 0.00	23.19 0.31 0.00	19.26 0.25 0.00	21.60 0.27 0.00
WETHRSFD_WT_PWR 323626	18.22 -0.22 0.00	15.65 -0.18 0.00	13.20 -0.20 0.00	14.58 -0.12 0.00	12.41 -0.23 0.00	19.76 -0.23 0.00	18.03 -0.38 0.00	23.87 -0.42 0.00	28.63 -0.38 0.00	27.98 -0.10 0.00	21.39 0.09 0.00	20.63 0.26 0.00	19.24 0.41 0.00	18.52 0.42 0.00	18.52 0.35 0.00	18.28 0.22 0.00	18.02 0.09 0.00	19.21 0.00 0.00	23.98 -0.23 0.00	25.87 -0.20 0.00	28.35 -0.22 0.00	22.60 -0.27 0.00	18.75 -0.26 0.00	21.12 -0.20 0.00
WHAVSTOR_138KV_BK127 55557	19.29 0.85 0.00	16.56 0.73 0.00	14.00 0.61 0.00	15.30 0.60 0.00	13.17 0.52 0.00	20.81 0.82 0.00	19.17 0.76 0.00	25.47 1.18 0.00	30.44 1.43 0.00	29.66 1.58 0.00	22.58 1.29 0.00	21.57 1.20 0.00	19.93 1.10 0.00	19.13 1.04 0.00	19.24 1.07 0.00	19.17 1.10 0.00	19.02 1.10 0.00	20.47 1.26 0.00	25.85 1.64 0.00	27.70 1.63 0.00	30.31 1.73 0.00	24.18 1.30 0.00	19.98 0.97 0.00	22.34 1.02 0.00

WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.29 0.85 0.00	16.56 0.73 0.00	14.00 0.61 0.00	15.30 0.60 0.00	13.17 0.52 0.00	20.81 0.82 0.00	19.17 0.76 0.00	25.47 1.18 0.00	30.44 1.43 0.00	29.66 1.58 0.00	22.58 1.29 0.00	21.57 1.20 0.00	19.93 1.10 0.00	19.13 1.04 0.00	19.24 1.07 0.00	19.17 1.10 0.00	19.02 1.10 0.00	20.47 1.26 0.00	25.85 1.64 0.00	27.70 1.63 0.00	30.31 1.73 0.00	24.18 1.30 0.00	19.98 0.97 0.00	22.34 1.02 0.00
WHITEHAL_115KV_TB1 80871	19.16 0.72 0.00	16.55 0.72 0.00	14.18 0.78 0.00	15.54 0.83 0.00	13.37 0.72 0.00	20.85 0.86 0.00	19.56 1.15 0.00	26.02 1.73 0.00	30.67 1.66 0.00	29.24 1.16 0.00	22.04 0.74 0.00	20.91 0.54 0.00	19.08 0.25 0.00	18.43 0.34 0.00	18.60 0.43 0.00	18.52 0.46 0.00	18.40 0.48 0.00	20.18 0.96 0.00	25.99 1.79 0.00	28.05 1.98 0.00	30.84 2.26 0.00	24.50 1.63 0.00	20.06 1.05 0.00	22.03 0.70 0.00
WHITEPLN_13_KV_LOAD 356215	19.55 1.11 0.00	16.77 0.94 0.00	14.19 0.79 0.00	15.50 0.80 0.00	13.34 0.70 0.00	21.06 1.07 0.00	19.41 1.00 0.00	25.83 1.55 0.00	30.89 1.88 0.00	30.12 2.05 0.00	22.92 1.62 0.00	21.89 1.52 0.00	20.21 1.37 0.00	19.38 1.29 0.00	19.49 1.33 0.00	19.42 1.36 0.00	19.29 1.37 0.00	20.76 1.54 0.00	26.19 1.98 0.00	28.05 1.99 0.00	30.71 2.13 0.00	24.49 1.61 0.00	20.25 1.24 0.00	22.62 1.30 0.00
WM_FLOYD_69_KV_BK2 356380	30.29 1.57 -10.28	27.62 1.29 -10.50	16.65 1.08 -2.17	18.19 1.11 -2.38	28.40 0.94 -14.82	43.26 1.49 -21.77	42.90 1.39 -23.10	27.91 2.06 -1.57	43.71 2.46 -12.24	33.21 2.78 -2.35	31.40 2.24 -7.86	23.52 2.10 -1.04	20.77 1.78 -0.17	19.64 1.54 0.00	19.70 1.53 0.00	19.73 1.66 0.00	19.48 1.56 0.00	20.90 1.69 0.00	26.48 2.27 0.00	28.29 2.22 0.00	31.06 2.48 0.00	24.87 1.95 -0.05	20.76 1.68 -0.07	23.10 1.78 0.00
WOODARD__115KV_TB2 355635	18.31 -0.13 0.00	15.72 -0.12 0.00	13.29 -0.11 0.00	14.59 -0.11 0.00	12.54 -0.11 0.00	19.87 -0.12 0.00	18.29 -0.12 0.00	24.15 -0.14 0.00	28.78 -0.23 0.00	27.87 -0.21 0.00	21.16 -0.14 0.00	20.26 -0.11 0.00	18.76 -0.07 0.00	18.04 -0.05 0.00	18.10 -0.07 0.00	17.98 -0.08 0.00	17.82 -0.10 0.00	19.11 -0.10 0.00	24.08 -0.13 0.00	25.92 -0.14 0.00	28.43 -0.15 0.00	22.72 -0.15 0.00	18.88 -0.12 0.00	21.21 -0.11 0.00
YORK__WARBASSE 23770	19.55 1.11 0.00	16.76 0.93 0.00	14.17 0.77 0.00	15.47 0.77 0.00	13.31 0.67 0.00	21.03 1.03 0.00	19.37 0.96 0.00	25.78 1.49 0.00	30.84 1.83 0.00	30.11 2.04 0.00	22.94 1.64 0.00	21.92 1.55 0.00	20.25 1.43 0.00	19.44 1.35 0.00	19.53 1.36 0.00	19.47 1.40 0.00	19.33 1.41 0.00	20.78 1.56 0.00	26.17 1.96 0.00	28.01 1.95 0.00	30.64 2.06 0.00	24.44 1.57 0.00	20.22 1.22 0.00	22.62 1.29 0.00