

# Day Ahead Market Generator LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

06/09/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	18.86	16.68	15.82	15.40	15.94	17.50	20.72	22.63	23.04	22.75	22.09	21.88	21.28	22.22	22.24	22.44	23.86	27.45	28.43	26.57	24.09	22.49	20.22	
24138	1.12	1.02	0.88	0.86	0.87	0.99	1.32	1.50	1.59	1.55	1.75	1.75	1.74	1.84	1.81	1.80	2.01	2.35	2.42	2.28	2.19	1.80	1.49	1.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.25	-0.02	-0.18	-0.03	0.00	-0.02	-0.36	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	18.86	16.68	15.82	15.38	15.94	17.49	20.70	22.60	23.00	22.73	22.09	21.90	21.26	22.23	22.26	22.42	23.83	27.43	28.46	26.84	26.57	24.09	22.49	20.21
24260	1.12	1.02	0.88	0.84	0.87	0.97	1.30	1.48	1.54	1.53	1.75	1.79	1.72	1.86	1.84	1.78	1.99	2.35	2.45	2.28	2.19	1.80	1.49	1.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-0.02	0.00	-0.02	-0.34	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	18.86	16.68	15.82	15.38	15.94	17.49	20.70	22.60	23.00	22.73	22.09	21.90	21.26	22.23	22.26	22.42	23.83	27.43	28.46	26.84	26.57	24.09	22.49	20.21
24261	1.12	1.02	0.88	0.84	0.87	0.97	1.30	1.48	1.54	1.53	1.75	1.79	1.72	1.86	1.84	1.78	1.99	2.35	2.45	2.28	2.19	1.80	1.49	1.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.24	-0.02	-0.17	-0.02	0.00	-0.02	-0.34	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	19.13	16.90	16.06	15.63	16.20	17.80	21.07	22.84	23.12	22.75	21.95	21.34	20.91	21.64	21.79	22.07	23.36	26.72	28.12	26.64	26.45	24.22	22.66	20.25
24011	1.38	1.24	1.12	1.09	1.13	1.29	1.67	1.71	1.67	1.55	1.63	1.47	1.39	1.43	1.39	1.42	1.53	1.98	2.11	2.09	2.07	1.94	1.66	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.25	17.01	16.16	15.73	16.31	17.93	21.25	23.01	23.32	22.92	22.09	21.48	21.03	21.78	21.93	22.22	23.51	26.91	28.33	26.84	26.66	24.40	22.83	20.40
23798	1.51	1.35	1.23	1.19	1.24	1.42	1.84	1.88	1.87	1.72	1.77	1.61	1.50	1.58	1.53	1.57	1.68	2.18	2.31	2.28	2.29	2.12	1.83	1.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.13	16.90	16.06	15.63	16.20	17.80	21.07	22.84	23.12	22.75	21.95	21.34	20.91	21.64	21.79	22.07	23.36	26.72	28.12	26.64	26.45	24.22	22.66	20.25
24028	1.38	1.24	1.12	1.09	1.13	1.29	1.67	1.71	1.67	1.55	1.63	1.47	1.39	1.43	1.39	1.42	1.53	1.98	2.11	2.09	2.07	1.94	1.66	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.69	16.56	15.73	15.32	15.90	17.42	20.55	22.33	22.59	22.35	21.56	21.11	20.77	21.52	21.68	21.89	23.16	26.34	27.71	26.23	25.94	23.69	22.14	19.84
23527	0.94	0.89	0.79	0.78	0.83	0.91	1.14	1.20	1.14	1.14	1.24	1.23	1.25	1.31	1.29	1.24	1.33	1.61	1.69	1.67	1.56	1.40	1.13	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.24	16.20	15.39	14.99	15.51	16.97	19.87	21.55	21.84	21.52	20.85	20.39	20.07	20.77	20.93	21.12	22.31	25.35	26.67	25.22	24.98	22.80	21.40	19.18
24190	0.50	0.53	0.45	0.45	0.44	0.46	0.47	0.42	0.39	0.32	0.53	0.52	0.55	0.57	0.53	0.47	0.48	0.62	0.65	0.66	0.61	0.51	0.40	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	17.53	15.46	14.77	14.38	14.90	16.31	19.09	20.83	21.09	20.84	20.02	19.56	19.25	19.82	20.07	20.30	21.35	24.24	25.52	24.04	23.94	21.84	20.63	18.36
355683	-0.21	-0.20	-0.16	-0.16	-0.17	-0.20	-0.31	-0.30	-0.36	-0.36	-0.30	-0.32	-0.27	-0.38	-0.33	-0.35	-0.48	-0.49	-0.49	-0.52	-0.44	-0.45	-0.38	-0.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	18.24	16.20	15.39	14.99	15.51	16.97	19.87	21.55	21.84	21.52	20.85	20.39	20.07	20.77	20.93	21.12	22.31	25.35	26.67	25.22	24.98	22.80	21.40	19.18
23571	0.50	0.53	0.45	0.45	0.44	0.46	0.47	0.42	0.39	0.32	0.53	0.52	0.55	0.57	0.53	0.47	0.48	0.62	0.65	0.66	0.61	0.51	0.40	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.24	16.20	15.39	14.99	15.51	16.97	19.87	21.55	21.84	21.52	20.85	20.39	20.07	20.77	20.93	21.12	22.31	25.35	26.67	25.22	24.98	22.80	21.40	19.18
23572	0.50	0.53	0.45	0.45	0.44	0.46	0.47	0.42	0.39	0.32	0.53	0.52	0.55	0.57	0.53	0.47	0.48	0.62	0.65	0.66	0.61	0.51	0.40	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	18.24	16.20	15.39	14.99	15.51	16.97	19.87	21.55	21.84	21.52	20.85	20.39	20.07	20.77	20.93	21.12	22.31	25.35	26.67	25.22	24.98	22.80	21.40	19.18
23573	0.50	0.53	0.45	0.45	0.44	0.46	0.47	0.42	0.39	0.32	0.53	0.52	0.55	0.57	0.53	0.47	0.48	0.62	0.65	0.66	0.61	0.51	0.40	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



ALBANY___4 23574	18.24 0.50 0.00	16.20 0.53 0.00	15.39 0.45 0.00	14.99 0.45 0.00	15.51 0.44 0.00	16.97 0.46 0.00	19.87 0.47 0.00	21.55 0.42 0.00	21.84 0.39 0.00	21.52 0.32 0.00	20.85 0.53 0.00	20.39 0.52 0.00	20.07 0.55 0.00	20.77 0.57 0.00	20.93 0.53 0.00	21.12 0.47 0.00	22.31 0.48 0.00	25.35 0.62 0.00	26.67 0.65 0.00	25.22 0.66 0.00	24.98 0.61 0.00	22.80 0.51 0.00	21.40 0.40 0.00	19.18 0.43 0.00
ALBANY___LFGE 323615	18.38 0.64 0.00	16.31 0.64 0.00	15.49 0.55 0.00	15.08 0.54 0.00	15.61 0.54 0.00	17.11 0.59 0.00	20.06 0.66 0.00	21.76 0.63 0.00	22.03 0.58 0.00	21.73 0.53 0.00	21.03 0.71 0.00	20.59 0.71 0.00	20.22 0.70 0.00	20.95 0.75 0.00	21.13 0.73 0.00	21.31 0.66 0.00	22.51 0.68 0.00	25.60 0.87 0.00	26.90 0.89 0.00	25.44 0.88 0.00	25.20 0.83 0.00	23.00 0.71 0.00	21.59 0.59 0.00	19.35 0.60 0.00
ALCOA_PA_115KV_PL-6C 55860	17.66 -0.09 0.00	15.59 -0.08 0.00	14.88 -0.06 0.00	14.50 -0.04 0.00	15.01 -0.06 0.00	16.43 -0.08 0.00	19.23 -0.17 0.00	20.98 -0.15 0.00	21.22 -0.24 0.00	20.99 -0.21 0.00	20.14 -0.18 0.00	19.66 -0.22 0.00	19.37 -0.16 0.00	19.92 -0.28 0.00	20.20 -0.20 0.00	20.40 -0.25 0.00	21.42 -0.41 0.00	24.34 -0.40 0.00	25.62 -0.39 0.00	24.14 -0.42 0.00	24.06 -0.32 0.00	21.97 -0.31 0.00	20.73 -0.27 0.00	18.47 -0.28 0.00
ALCOA_RYNLDS___DRP 24188	17.66 -0.09 0.00	15.59 -0.08 0.00	14.88 -0.06 0.00	14.50 -0.04 0.00	15.01 -0.06 0.00	16.43 -0.08 0.00	19.23 -0.17 0.00	20.98 -0.15 0.00	21.22 -0.24 0.00	20.99 -0.21 0.00	20.14 -0.18 0.00	19.66 -0.22 0.00	19.37 -0.16 0.00	19.92 -0.28 0.00	20.20 -0.20 0.00	20.40 -0.25 0.00	21.42 -0.41 0.00	24.34 -0.40 0.00	25.62 -0.39 0.00	24.14 -0.42 0.00	24.06 -0.32 0.00	21.97 -0.31 0.00	20.73 -0.27 0.00	18.47 -0.28 0.00
ALCOA___DSASP 323711	17.66 -0.09 0.00	15.59 -0.08 0.00	14.88 -0.06 0.00	14.50 -0.04 0.00	15.01 -0.06 0.00	16.43 -0.08 0.00	19.23 -0.17 0.00	20.98 -0.15 0.00	21.22 -0.24 0.00	20.99 -0.21 0.00	20.14 -0.18 0.00	19.66 -0.22 0.00	19.37 -0.16 0.00	19.92 -0.28 0.00	20.20 -0.20 0.00	20.40 -0.25 0.00	21.42 -0.42 0.00	24.27 -0.47 0.00	25.63 -0.39 0.00	24.14 -0.42 0.00	24.06 -0.32 0.00	21.97 -0.31 0.00	20.73 -0.27 0.00	18.47 -0.28 0.00
ALLEGHENY___COGEN 23514	18.37 0.62 0.00	16.09 0.42 0.00	15.51 0.57 0.00	15.11 0.57 0.00	15.67 0.60 0.00	17.16 0.64 0.00	20.00 0.60 0.00	21.28 0.15 0.00	21.64 0.19 0.00	21.33 0.13 0.00	20.59 0.26 0.00	19.95 0.08 0.00	19.42 -0.10 0.00	20.27 0.06 0.00	20.56 0.16 0.00	20.79 0.15 0.00	22.12 0.28 0.00	25.03 0.30 0.00	26.56 0.55 0.00	25.29 0.74 0.00	25.23 0.85 0.00	23.24 0.96 0.00	21.93 0.92 0.00	19.46 0.71 0.00
ALTAMONT_115KV_TB 2 55880	18.35 0.60 0.00	16.24 0.58 0.00	15.45 0.51 0.00	15.03 0.49 0.00	15.58 0.51 0.00	17.07 0.56 0.00	20.08 0.68 0.00	21.80 0.68 0.00	22.12 0.66 0.00	21.84 0.64 0.00	21.08 0.75 0.00	20.61 0.74 0.00	20.26 0.74 0.00	20.99 0.79 0.00	21.15 0.75 0.00	21.37 0.72 0.00	22.62 0.79 0.00	25.70 0.96 0.00	27.03 1.01 0.00	25.54 0.98 0.00	25.32 0.95 0.00	23.11 0.82 0.00	21.68 0.67 0.00	19.43 0.68 0.00
ALTONA_WT_PWR 323606	18.21 0.46 0.00	16.06 0.39 0.00	15.34 0.40 0.00	14.93 0.39 0.00	15.48 0.41 0.00	16.96 0.45 0.00	19.87 0.46 0.00	21.74 0.61 0.00	22.01 0.56 0.00	21.67 0.47 0.00	20.89 0.57 0.00	20.37 0.50 0.00	20.05 0.53 0.00	20.65 0.44 0.00	20.93 0.53 0.00	21.14 0.49 0.00	22.23 0.39 0.00	25.23 0.49 0.00	26.67 0.65 0.00	25.07 0.52 0.00	24.98 0.61 0.00	22.75 0.47 0.00	21.45 0.44 0.00	19.09 0.34 0.00
AMERICAN_REF_FUEL 24010	17.43 -0.32 0.00	15.26 -0.41 0.00	14.80 -0.13 0.00	14.41 -0.13 0.00	14.95 -0.12 0.00	16.15 -0.36 0.00	18.74 -0.66 0.00	19.98 -1.14 0.00	20.68 -0.77 0.00	20.52 -0.68 0.00	19.86 -0.47 0.00	19.32 -0.56 0.00	18.94 -0.59 0.00	19.66 -0.54 0.00	19.89 -0.51 0.00	20.13 -0.52 0.00	21.33 -0.50 0.00	23.85 -0.89 0.00	25.03 -0.99 0.00	23.55 -1.01 0.00	23.37 -1.00 0.00	21.64 -0.65 0.00	20.50 -0.50 0.00	18.26 -0.49 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.42 0.67 0.00	16.13 0.47 0.00	15.54 0.60 0.00	15.12 0.58 0.00	15.70 0.63 0.00	17.07 0.56 0.00	20.00 0.60 0.00	21.40 0.27 0.00	22.09 0.64 0.00	21.97 0.76 0.00	21.28 0.96 0.00	20.59 0.71 0.00	20.11 0.59 0.00	20.95 0.75 0.00	21.19 0.79 0.00	21.45 0.80 0.00	22.66 0.83 0.00	25.18 0.45 0.00	26.38 0.36 0.00	24.83 0.27 0.00	24.69 0.32 0.00	22.84 0.56 0.00	21.57 0.57 0.00	19.20 0.45 0.00
ARTHUR_KILL_GT_1 23520	18.90 1.15 0.00	16.70 1.03 0.00	15.82 0.88 0.00	15.37 0.83 0.00	15.91 0.84 0.00	17.42 0.91 0.00	20.59 1.18 0.00	22.48 1.35 0.00	22.83 1.37 0.00	22.54 1.34 0.00	22.01 1.67 -0.02	21.88 1.77 -0.24	21.24 1.70 -0.02	22.28 1.90 -0.17	22.21 1.77 -0.04	22.43 1.78 -0.01	23.75 1.88 -0.04	27.42 2.32 -0.36	28.33 2.26 -0.06	26.76 2.18 -0.02	26.54 2.15 -0.02	24.09 1.80 0.00	22.52 1.51 0.00	20.27 1.52 0.00
ARTHUR_KILL_2 23512	18.85 1.10 0.00	16.65 0.99 0.00	15.77 0.84 0.00	15.34 0.80 0.00	15.88 0.81 0.00	17.37 0.86 0.00	20.53 1.12 0.00	22.41 1.29 0.00	22.76 1.31 0.00	22.48 1.27 0.00	21.94 1.61 -0.02	21.82 1.71 -0.24	21.18 1.64 -0.02	22.22 1.84 -0.17	22.15 1.71 -0.04	22.37 1.71 -0.01	23.68 1.81 -0.04	27.32 2.23 -0.36	28.26 2.19 -0.06	26.69 2.11 -0.02	26.46 2.07 -0.02	24.02 1.74 0.00	22.47 1.47 0.00	20.22 1.46 0.00
ARTHUR_KILL_3 23513	18.74 0.99 0.00	16.57 0.91 0.00	15.72 0.78 0.00	15.28 0.74 0.00	15.82 0.75 0.00	17.39 0.87 0.00	20.55 1.14 0.00	22.41 1.29 0.00	22.83 1.37 0.00	22.56 1.36 0.00	21.87 1.53 -0.02	21.71 1.59 -0.25	21.08 1.54 -0.02	22.04 1.66 -0.17	22.07 1.63 -0.03	22.26 1.61 0.00	23.68 1.81 -0.03	27.30 2.20 -0.36	28.29 2.24 -0.04	26.65 2.09 -0.01	26.36 1.97 -0.01	23.91 1.63 0.00	22.31 1.30 0.00	20.04 1.29 0.00
ARTHUR_KILL_COGEN 323718	18.90 1.15 0.00	16.70 1.03 0.00	15.82 0.88 0.00	15.37 0.83 0.00	15.91 0.84 0.00	17.42 0.91 0.00	20.59 1.18 0.00	22.48 1.35 0.00	22.83 1.37 0.00	22.54 1.34 0.00	22.01 1.67 -0.02	21.88 1.77 -0.24	21.24 1.70 -0.02	22.28 1.90 -0.17	22.21 1.77 -0.04	22.43 1.78 -0.01	23.75 1.88 -0.04	27.42 2.32 -0.36	28.33 2.26 -0.06	26.76 2.18 -0.02	26.54 2.15 -0.02	24.09 1.80 0.00	22.52 1.51 0.00	20.27 1.52 0.00
ASHOKAN____ 23654	18.33 0.58 0.00	16.23 0.56 0.00	15.43 0.49 0.00	15.02 0.48 0.00	15.55 0.48 0.00	16.99 0.48 0.00	20.00 0.60 0.00	21.61 0.49 0.00	21.82 0.36 0.00	21.56 0.36 0.00	20.81 0.49 0.00	20.41 0.54 0.00	20.19 0.66 0.00	20.77 0.56 0.00	20.93 0.53 0.00	21.27 0.62 0.00	22.51 0.68 0.00	25.70 0.96 0.00	27.06 1.04 0.00	25.64 1.08 0.00	25.37 1.00 0.00	23.06 0.78 0.00	21.51 0.50 0.00	19.46 0.71 0.00



ASTORIA_EAST_ENERGY_CC1 323581	18.94 1.19 -0.01	16.77 1.10 -0.01	15.89 0.94 -0.01	15.46 0.92 -0.01	16.01 0.93 -0.01	17.50 0.99 0.00	20.59 1.18 0.00	22.41 1.29 0.00	22.77 1.33 0.01	22.47 1.27 0.01	21.94 1.61 -0.01	21.83 1.73 -0.23	21.15 1.62 -0.01	22.18 1.82 -0.16	22.13 1.71 -0.02	22.25 1.61 0.01	23.72 1.88 -0.01	27.37 2.30 -0.33	28.14 2.13 0.01	26.59 2.04 0.01	26.29 1.93 0.01	23.89 1.61 0.00	22.37 1.36 0.00	20.23 1.48 0.00
ASTORIA_EAST_ENERGY_CC2 323582	18.94 1.19 -0.01	16.77 1.10 -0.01	15.89 0.94 -0.01	15.46 0.92 -0.01	16.01 0.93 -0.01	17.50 0.99 0.00	20.59 1.18 0.00	22.41 1.29 0.00	22.77 1.33 0.01	22.47 1.27 0.01	21.94 1.61 -0.01	21.83 1.73 -0.23	21.15 1.62 -0.01	22.18 1.82 -0.16	22.13 1.71 -0.02	22.25 1.61 0.01	23.72 1.88 -0.01	27.37 2.30 -0.33	28.14 2.13 0.01	26.59 2.04 0.01	26.29 1.93 0.01	23.89 1.61 0.00	22.37 1.36 0.00	20.23 1.48 0.00
ASTORIA_GT2_1 24094	18.94 1.19 -0.01	16.76 1.10 0.00	15.89 0.96 0.00	15.46 0.92 -0.01	16.01 0.93 -0.01	17.52 1.01 0.00	20.61 1.20 0.00	22.41 1.29 0.00	22.80 1.35 0.00	22.50 1.29 0.00	21.97 1.63 -0.02	21.85 1.75 -0.23	21.20 1.66 -0.02	22.20 1.84 -0.16	22.19 1.77 -0.02	22.26 1.61 0.00	23.73 1.88 -0.02	27.34 2.28 -0.33	28.17 2.16 0.00	26.60 2.04 0.00	26.32 1.95 0.00	23.91 1.63 0.00	22.39 1.39 0.00	20.25 1.50 0.00
ASTORIA_GT2_2 24095	18.94 1.19 -0.01	16.76 1.10 0.00	15.89 0.96 0.00	15.46 0.92 -0.01	16.01 0.93 -0.01	17.52 1.01 0.00	20.61 1.20 0.00	22.41 1.29 0.00	22.80 1.35 0.00	22.50 1.29 0.00	21.97 1.63 -0.02	21.85 1.75 -0.23	21.20 1.66 -0.02	22.20 1.84 -0.16	22.19 1.77 -0.02	22.26 1.61 0.00	23.73 1.88 -0.02	27.34 2.28 -0.33	28.17 2.16 0.00	26.60 2.04 0.00	26.32 1.95 0.00	23.91 1.63 0.00	22.39 1.39 0.00	20.25 1.50 0.00
ASTORIA_GT2_3 24096	18.94 1.19 -0.01	16.76 1.10 0.00	15.89 0.96 0.00	15.46 0.92 -0.01	16.01 0.93 -0.01	17.52 1.01 0.00	20.61 1.20 0.00	22.41 1.29 0.00	22.80 1.35 0.00	22.50 1.29 0.00	21.97 1.63 -0.02	21.85 1.75 -0.23	21.20 1.66 -0.02	22.20 1.84 -0.16	22.19 1.77 -0.02	22.26 1.61 0.00	23.73 1.88 -0.02	27.34 2.28 -0.33	28.17 2.16 0.00	26.60 2.04 0.00	26.32 1.95 0.00	23.91 1.63 0.00	22.39 1.39 0.00	20.25 1.50 0.00
ASTORIA_GT2_4 24097	18.94 1.19 -0.01	16.76 1.10 0.00	15.89 0.96 0.00	15.46 0.92 -0.01	16.01 0.93 -0.01	17.52 1.01 0.00	20.61 1.20 0.00	22.41 1.29 0.00	22.80 1.35 0.00	22.50 1.29 0.00	21.97 1.63 -0.02	21.85 1.75 -0.23	21.20 1.66 -0.02	22.20 1.84 -0.16	22.19 1.77 -0.02	22.26 1.61 0.00	23.73 1.88 -0.02	27.34 2.28 -0.33	28.17 2.16 0.00	26.60 2.04 0.00	26.32 1.95 0.00	23.91 1.63 0.00	22.39 1.39 0.00	20.25 1.50 0.00
ASTORIA_GT3_1 24098	18.94 1.19 -0.01	16.76 1.10 0.00	15.89 0.96 0.00	15.46 0.92 -0.01	16.01 0.93 -0.01	17.52 1.01 0.00	20.61 1.20 0.00	22.41 1.29 0.00	22.80 1.35 0.00	22.50 1.29 0.00	21.97 1.63 -0.02	21.85 1.75 -0.23	21.20 1.66 -0.02	22.20 1.84 -0.16	22.19 1.77 -0.02	22.26 1.61 0.00	23.73 1.88 -0.02	27.34 2.28 -0.33	28.17 2.16 0.00	26.60 2.04 0.00	26.32 1.95 0.00	23.91 1.63 0.00	22.39 1.39 0.00	20.25 1.50 0.00
ASTORIA_GT3_2 24099	18.94 1.19 -0.01	16.76 1.10 0.00	15.89 0.96 0.00	15.46 0.92 -0.01	16.01 0.93 -0.01	17.52 1.01 0.00	20.61 1.20 0.00	22.41 1.29 0.00	22.80 1.35 0.00	22.50 1.29 0.00	21.97 1.63 -0.02	21.85 1.75 -0.23	21.20 1.66 -0.02	22.20 1.84 -0.16	22.19 1.77 -0.02	22.26 1.61 0.00	23.73 1.88 -0.02	27.34 2.28 -0.33	28.17 2.16 0.00	26.60 2.04 0.00	26.32 1.95 0.00	23.91 1.63 0.00	22.39 1.39 0.00	20.25 1.50 0.00
ASTORIA_GT3_3 24100	18.94 1.19 -0.01	16.76 1.10 0.00	15.89 0.96 0.00	15.46 0.92 -0.01	16.01 0.93 -0.01	17.52 1.01 0.00	20.61 1.20 0.00	22.41 1.29 0.00	22.80 1.35 0.00	22.50 1.29 0.00	21.97 1.63 -0.02	21.85 1.75 -0.23	21.20 1.66 -0.02	22.20 1.84 -0.16	22.19 1.77 -0.02	22.26 1.61 0.00	23.73 1.88 -0.02	27.34 2.28 -0.33	28.17 2.16 0.00	26.60 2.04 0.00	26.32 1.95 0.00	23.91 1.63 0.00	22.39 1.39 0.00	20.25 1.50 0.00
ASTORIA_GT3_4 24101	18.94 1.19 -0.01	16.76 1.10 0.00	15.89 0.96 0.00	15.46 0.92 -0.01	16.01 0.93 -0.01	17.52 1.01 0.00	20.61 1.20 0.00	22.41 1.29 0.00	22.80 1.35 0.00	22.50 1.29 0.00	21.97 1.63 -0.02	21.85 1.75 -0.23	21.20 1.66 -0.02	22.20 1.84 -0.16	22.19 1.77 -0.02	22.26 1.61 0.00	23.73 1.88 -0.02	27.34 2.28 -0.33	28.17 2.16 0.00	26.60 2.04 0.00	26.32 1.95 0.00	23.91 1.63 0.00	22.39 1.39 0.00	20.25 1.50 0.00
ASTORIA_GT4_1 24102	18.94 1.19 -0.01	16.76 1.10 0.00	15.89 0.96 0.00	15.46 0.92 -0.01	16.01 0.93 -0.01	17.52 1.01 0.00	20.61 1.20 0.00	22.41 1.29 0.00	22.80 1.35 0.00	22.50 1.29 0.00	21.97 1.63 -0.02	21.85 1.75 -0.23	21.20 1.66 -0.02	22.20 1.84 -0.16	22.19 1.77 -0.02	22.26 1.61 0.00	23.73 1.88 -0.02	27.34 2.28 -0.33	28.17 2.16 0.00	26.60 2.04 0.00	26.32 1.95 0.00	23.91 1.63 0.00	22.39 1.39 0.00	20.25 1.50 0.00
ASTORIA_GT4_2 24103	18.94 1.19 -0.01	16.76 1.10 0.00	15.89 0.96 0.00	15.46 0.92 -0.01	16.01 0.93 -0.01	17.52 1.01 0.00	20.61 1.20 0.00	22.41 1.29 0.00	22.80 1.35 0.00	22.50 1.29 0.00	21.97 1.63 -0.02	21.85 1.75 -0.23	21.20 1.66 -0.02	22.20 1.84 -0.16	22.19 1.77 -0.02	22.26 1.61 0.00	23.73 1.88 -0.02	27.34 2.28 -0.33	28.17 2.16 0.00	26.60 2.04 0.00	26.32 1.95 0.00	23.91 1.63 0.00	22.39 1.39 0.00	20.25 1.50 0.00
ASTORIA_GT4_3 24104	18.94 1.19 -0.01	16.76 1.10 0.00	15.89 0.96 0.00	15.46 0.92 -0.01	16.01 0.93 -0.01	17.52 1.01 0.00	20.61 1.20 0.00	22.41 1.29 0.00	22.80 1.35 0.00	22.50 1.29 0.00	21.97 1.63 -0.02	21.85 1.75 -0.23	21.20 1.66 -0.02	22.20 1.84 -0.16	22.19 1.77 -0.02	22.26 1.61 0.00	23.73 1.88 -0.02	27.34 2.28 -0.33	28.17 2.16 0.00	26.60 2.04 0.00	26.32 1.95 0.00	23.91 1.63 0.00	22.39 1.39 0.00	20.25 1.50 0.00
ASTORIA_GT4_4 24105	18.94 1.19 -0.01	16.76 1.10 0.00	15.89 0.96 0.00	15.46 0.92 -0.01	16.01 0.93 -0.01	17.52 1.01 0.00	20.61 1.20 0.00	22.41 1.29 0.00	22.80 1.35 0.00	22.50 1.29 0.00	21.97 1.63 -0.02	21.85 1.75 -0.23	21.20 1.66 -0.02	22.20 1.84 -0.16	22.19 1.77 -0.02	22.26 1.61 0.00	23.73 1.88 -0.02	27.34 2.28 -0.33	28.17 2.16 0.00	26.60 2.04 0.00	26.32 1.95 0.00	23.91 1.63 0.00	22.39 1.39 0.00	20.25 1.50 0.00
ASTORIA_GT_1 23523	18.96 1.21 -0.01	16.78 1.11 -0.01	15.92 0.97 -0.01	15.48 0.93 -0.01	16.03 0.95 -0.01	17.54 1.02 0.00	20.63 1.22 0.00	22.46 1.33 0.00	22.82 1.37 0.01	22.53 1.34 0.01	21.98 1.65 -0.01	21.87 1.77 -0.23	21.21 1.68 -0.01	22.22 1.86 -0.16	22.17 1.75 -0.02	22.29 1.65 -0.01	23.76 1.92 -0.01	27.42 2.35 -0.33	28.22 2.21 0.01	26.64 2.09 0.01	26.37 2.00 0.01	23.93 1.65 0.00	22.41 1.41 0.00	20.27 1.52 0.00



ASTORIA_GT_10 24110	18.86 1.12 0.00	16.68 1.02 0.00	15.81 0.87 0.00	15.38 0.84 0.00	15.93 0.86 0.00	17.45 0.94 0.00	20.62 1.22 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.58 1.38 0.00	21.99 1.65 -0.02	21.82 1.71 -0.24	21.18 1.64 -0.02	22.17 1.80 -0.17	22.16 1.73 -0.02	22.32 1.67 0.00	23.73 1.88 -0.02	27.33 2.25 -0.34	28.30 2.29 0.00	26.69 2.14 0.00	26.40 2.02 0.00	23.98 1.69 0.00	22.43 1.43 0.00	20.18 1.43 0.00
ASTORIA_GT_11 24225	18.86 1.12 0.00	16.68 1.02 0.00	15.81 0.87 0.00	15.38 0.84 0.00	15.93 0.86 0.00	17.45 0.94 0.00	20.62 1.22 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.58 1.38 0.00	21.99 1.65 -0.02	21.82 1.71 -0.24	21.18 1.64 -0.02	22.17 1.80 -0.17	22.16 1.73 -0.02	22.32 1.67 0.00	23.73 1.88 -0.02	27.33 2.25 -0.34	28.30 2.29 0.00	26.69 2.14 0.00	26.40 2.02 0.00	23.98 1.69 0.00	22.43 1.43 0.00	20.18 1.43 0.00
ASTORIA_GT_12 24226	18.86 1.12 0.00	16.68 1.02 0.00	15.81 0.87 0.00	15.38 0.84 0.00	15.93 0.86 0.00	17.45 0.94 0.00	20.63 1.22 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.58 1.38 0.00	21.97 1.63 -0.02	21.82 1.71 -0.24	21.18 1.64 -0.02	22.17 1.80 -0.17	22.14 1.71 -0.02	22.34 1.69 0.00	23.73 1.88 -0.02	27.35 2.27 -0.34	28.28 2.26 0.00	26.69 2.14 0.00	26.40 2.02 0.00	23.98 1.69 0.00	22.41 1.41 0.00	20.18 1.42 0.00
ASTORIA_GT_13 24227	18.86 1.12 0.00	16.68 1.02 0.00	15.81 0.87 0.00	15.38 0.84 0.00	15.93 0.86 0.00	17.45 0.94 0.00	20.63 1.22 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.58 1.38 0.00	21.97 1.63 -0.02	21.82 1.71 -0.24	21.18 1.64 -0.02	22.17 1.80 -0.17	22.14 1.71 -0.02	22.34 1.69 0.00	23.73 1.88 -0.02	27.35 2.27 -0.34	28.28 2.26 0.00	26.69 2.14 0.00	26.40 2.02 0.00	23.98 1.69 0.00	22.41 1.41 0.00	20.18 1.42 0.00
ASTORIA_GT_5 24106	18.96 1.21 -0.01	16.78 1.11 -0.01	15.92 0.97 -0.01	15.48 0.93 -0.01	16.03 0.95 -0.01	17.54 1.02 0.00	20.63 1.22 0.00	22.46 1.33 0.00	22.82 1.37 0.01	22.53 1.34 0.01	21.98 1.65 -0.01	21.87 1.77 -0.23	21.21 1.68 -0.01	22.22 1.86 -0.16	22.17 1.75 -0.02	22.29 1.65 0.01	23.76 1.92 -0.01	27.42 2.35 -0.33	28.22 2.21 0.01	26.64 2.09 0.01	26.37 2.00 0.01	23.93 1.65 0.00	22.41 1.41 0.00	20.27 1.52 0.00
ASTORIA_GT_7 24107	18.96 1.21 -0.01	16.78 1.11 -0.01	15.92 0.97 -0.01	15.48 0.93 -0.01	16.03 0.95 -0.01	17.54 1.02 0.00	20.63 1.22 0.00	22.46 1.33 0.00	22.82 1.37 0.01	22.53 1.34 0.01	21.98 1.65 -0.01	21.87 1.77 -0.23	21.21 1.68 -0.01	22.22 1.86 -0.16	22.17 1.75 -0.02	22.29 1.65 0.01	23.76 1.92 -0.01	27.42 2.35 -0.33	28.22 2.21 0.01	26.64 2.09 0.01	26.37 2.00 0.01	23.93 1.65 0.00	22.41 1.41 0.00	20.27 1.52 0.00
ASTORIA_GT_8 24108	18.96 1.21 -0.01	16.78 1.11 0.00	15.91 0.97 0.00	15.48 0.93 -0.01	16.03 0.95 -0.01	17.54 1.02 0.00	20.62 1.22 0.00	22.46 1.33 0.00	22.82 1.37 0.00	22.54 1.34 0.00	22.01 1.67 -0.02	21.87 1.77 -0.23	21.24 1.70 -0.02	22.22 1.86 -0.16	22.23 1.82 -0.02	22.30 1.65 0.00	23.77 1.92 -0.02	27.39 2.33 -0.33	28.23 2.21 0.00	26.64 2.09 0.00	26.37 2.00 0.00	23.93 1.65 0.00	22.41 1.41 0.00	20.27 1.52 0.00
ASTORIA___2 24149	18.94 1.19 -0.01	16.77 1.10 -0.01	15.90 0.96 -0.01	15.46 0.92 -0.01	16.01 0.93 -0.01	17.52 1.01 0.00	20.61 1.20 0.00	22.41 1.29 0.00	22.80 1.35 0.01	22.49 1.29 0.01	21.94 1.61 -0.01	21.83 1.73 -0.23	21.17 1.64 -0.01	22.20 1.84 -0.16	22.13 1.71 -0.02	22.27 1.63 0.01	23.72 1.88 -0.01	27.37 2.30 -0.33	28.17 2.16 0.01	26.59 2.04 0.01	26.32 1.95 0.01	23.91 1.63 0.00	22.39 1.39 0.00	20.25 1.50 0.00
ASTORIA___3 23516	18.86 1.12 0.00	16.68 1.02 0.00	15.81 0.87 0.00	15.38 0.84 0.00	15.93 0.86 0.00	17.45 0.94 0.00	20.63 1.22 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.58 1.38 0.00	21.97 1.63 -0.02	21.82 1.71 -0.24	21.18 1.64 -0.02	22.17 1.80 -0.17	22.14 1.71 -0.02	22.34 1.69 0.00	23.73 1.88 -0.02	27.35 2.27 -0.34	28.28 2.26 0.00	26.69 2.14 0.00	26.40 2.02 0.00	23.98 1.69 0.00	22.41 1.41 0.00	20.18 1.42 0.00
ASTORIA___4 23517	18.86 1.12 0.00	16.68 1.02 0.00	15.81 0.87 0.00	15.38 0.84 0.00	15.93 0.86 0.00	17.45 0.94 0.00	20.62 1.22 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.58 1.38 0.00	21.99 1.65 -0.02	21.82 1.71 -0.24	21.18 1.64 -0.02	22.17 1.80 -0.17	22.16 1.73 -0.02	22.32 1.67 0.00	23.73 1.88 -0.02	27.33 2.25 -0.34	28.30 2.29 0.00	26.69 2.14 0.00	26.40 2.02 0.00	23.98 1.69 0.00	22.43 1.43 0.00	20.18 1.43 0.00
ASTORIA___5 23518	18.86 1.12 0.00	16.68 1.02 0.00	15.81 0.87 0.00	15.38 0.84 0.00	15.93 0.86 0.00	17.45 0.94 0.00	20.63 1.22 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.58 1.38 0.00	21.97 1.63 -0.02	21.82 1.71 -0.24	21.18 1.64 -0.02	22.17 1.80 -0.17	22.14 1.71 -0.02	22.34 1.69 0.00	23.73 1.88 -0.02	27.35 2.27 -0.34	28.28 2.26 0.00	26.69 2.14 0.00	26.40 2.02 0.00	23.98 1.69 0.00	22.41 1.41 0.00	20.18 1.42 0.00
AST_ENERGY_2_CC3 323677	18.77 1.03 0.00	16.60 0.94 0.00	15.73 0.79 0.00	15.31 0.77 0.00	15.85 0.78 0.00	17.40 0.89 0.00	20.59 1.18 0.00	22.46 1.33 0.00	22.83 1.37 0.00	22.56 1.36 0.00	21.88 1.54 -0.02	21.71 1.59 -0.25	21.10 1.56 -0.02	22.05 1.68 -0.17	22.06 1.63 -0.03	22.26 1.61 0.00	23.64 1.79 -0.02	27.24 2.15 -0.35	28.23 2.21 0.00	26.64 2.09 0.00	26.37 2.00 0.00	23.93 1.65 0.00	22.35 1.35 0.00	20.08 1.33 0.00
AST_ENERGY_2_CC4 323678	18.77 1.03 0.00	16.60 0.94 0.00	15.73 0.79 0.00	15.31 0.77 0.00	15.85 0.78 0.00	17.40 0.89 0.00	20.59 1.18 0.00	22.46 1.33 0.00	22.83 1.37 0.00	22.56 1.36 0.00	21.88 1.54 -0.02	21.71 1.59 -0.25	21.10 1.56 -0.02	22.05 1.68 -0.17	22.06 1.63 -0.03	22.26 1.61 0.00	23.64 1.79 -0.02	27.24 2.15 -0.35	28.23 2.21 0.00	26.64 2.09 0.00	26.37 2.00 0.00	23.93 1.65 0.00	22.35 1.35 0.00	20.08 1.33 0.00
ATHENS_STG_1 23668	18.38 0.64 0.00	16.26 0.60 0.00	15.45 0.51 0.00	15.03 0.49 0.00	15.58 0.51 0.00	17.09 0.58 0.00	20.14 0.74 0.00	21.93 0.80 0.00	22.25 0.79 0.00	21.99 0.79 0.00	21.22 0.89 0.00	20.79 0.91 0.00	20.42 0.90 0.00	21.18 0.97 0.00	21.34 0.94 0.00	21.56 0.91 0.00	22.86 1.03 0.00	25.97 1.24 0.00	27.29 1.27 0.00	25.78 1.23 0.00	25.54 1.17 0.00	23.29 1.00 0.00	21.80 0.80 0.00	19.56 0.81 0.00
ATHENS_STG_2 23670	18.38 0.64 0.00	16.26 0.60 0.00	15.45 0.51 0.00	15.03 0.49 0.00	15.58 0.51 0.00	17.09 0.58 0.00	20.14 0.74 0.00	21.93 0.80 0.00	22.25 0.79 0.00	21.99 0.79 0.00	21.22 0.89 0.00	20.79 0.91 0.00	20.42 0.90 0.00	21.18 0.97 0.00	21.34 0.94 0.00	21.56 0.91 0.00	22.86 1.03 0.00	25.97 1.24 0.00	27.29 1.27 0.00	25.78 1.23 0.00	25.54 1.17 0.00	23.29 1.00 0.00	21.80 0.80 0.00	19.56 0.81 0.00



ATHENS_STG_3 23677	18.38 0.64 0.00	16.26 0.60 0.00	15.45 0.51 0.00	15.03 0.49 0.00	15.58 0.51 0.00	17.09 0.58 0.00	20.14 0.74 0.00	21.93 0.80 0.00	22.25 0.79 0.00	21.99 0.79 0.00	21.22 0.89 0.00	20.79 0.91 0.00	20.42 0.90 0.00	21.18 0.97 0.00	21.34 0.94 0.00	21.56 0.91 0.00	22.86 1.03 0.00	25.97 1.24 0.00	27.29 1.27 0.00	25.78 1.23 0.00	25.54 1.17 0.00	23.29 1.00 0.00	21.80 0.80 0.00	19.56 0.81 0.00
AUBURN____LFGE 323710	17.90 0.16 0.00	15.77 0.11 0.00	15.09 0.15 0.00	14.67 0.13 0.00	15.24 0.17 0.00	16.71 0.20 0.00	19.69 0.29 0.00	21.46 0.34 0.00	21.86 0.41 0.00	21.59 0.38 0.00	20.63 0.30 0.00	20.17 0.30 0.00	19.70 0.18 0.00	20.47 0.26 0.00	20.66 0.27 0.00	20.98 0.33 0.00	22.20 0.37 0.00	25.06 0.32 0.00	26.41 0.39 0.00	24.88 0.32 0.00	24.74 0.37 0.00	22.68 0.40 0.00	21.36 0.36 0.00	19.05 0.30 0.00
BABYLON_RES_REC 323704	22.91 1.35 -3.82	19.81 1.22 -2.92	17.43 1.09 -1.40	17.43 1.06 -1.83	18.32 1.10 -2.15	20.00 1.22 -2.27	25.04 1.55 -4.08	29.14 1.84 -6.18	30.53 1.91 -7.17	29.33 1.76 -6.37	27.57 1.95 -5.30	27.55 1.97 -5.71	27.67 1.82 -6.33	28.20 2.08 -5.91	30.33 2.02 -7.91	30.69 2.02 -8.02	40.97 2.31 -16.82	41.05 2.75 -13.57	29.01 2.99 -0.01	27.41 2.85 -0.01	27.16 2.78 -0.01	25.97 2.30 -1.39	23.09 2.08 -0.01	20.69 1.93 -0.01
BABYLON__69_KV_BK2 356345	23.07 1.51 -3.82	19.97 1.38 -2.92	17.58 1.24 -1.40	17.57 1.21 -1.83	18.47 1.25 -2.15	20.15 1.37 -2.27	25.21 1.73 -4.08	29.36 2.05 -6.18	30.76 2.15 -7.17	29.54 1.97 -6.37	27.80 2.17 -5.30	27.77 2.19 -5.71	27.89 2.03 -6.33	28.42 2.30 -5.91	30.59 2.28 -7.91	30.94 2.27 -8.02	41.25 2.60 -16.82	41.35 3.04 -13.57	29.40 3.38 0.00	27.73 3.17 0.00	27.47 3.10 0.00	26.26 2.58 -1.39	23.33 2.33 0.00	20.89 2.14 0.00
BARON_WINDS____WT_PWR 323822	17.99 0.25 0.00	15.80 0.14 0.00	15.19 0.25 0.00	14.79 0.25 0.00	15.34 0.27 0.00	16.74 0.23 0.00	19.64 0.23 0.00	21.08 -0.04 0.00	21.62 0.17 0.00	21.46 0.26 0.00	20.69 0.37 0.00	20.15 0.28 0.00	19.72 0.20 0.00	20.53 0.32 0.00	20.75 0.35 0.00	21.00 0.35 0.00	22.23 0.39 0.00	25.01 0.27 0.00	26.28 0.26 0.00	24.73 0.17 0.00	24.57 0.19 0.00	22.62 0.33 0.00	21.32 0.32 0.00	19.01 0.26 0.00
BARRETT_IC_1 23704	22.87 1.31 -3.82	19.76 1.18 -2.92	17.39 1.05 -1.40	17.37 1.00 -1.83	18.25 1.04 -2.15	19.93 1.16 -2.27	24.98 1.49 -4.08	28.87 1.56 -6.18	30.23 1.61 -7.17	29.16 1.59 -6.37	27.33 1.71 -5.30	27.33 1.75 -5.71	27.55 1.70 -6.33	27.91 1.80 -5.91	30.02 1.71 -7.91	30.32 1.65 -8.02	40.51 1.85 -16.82	40.50 2.20 -13.57	28.50 2.47 -0.01	27.04 2.48 -0.01	26.77 2.39 -0.01	25.64 1.96 -1.40	22.84 1.83 -0.01	20.50 1.74 -0.01
BARRETT_IC_10 23701	22.87 1.31 -3.82	19.76 1.18 -2.92	17.39 1.05 -1.40	17.37 1.00 -1.83	18.25 1.04 -2.15	19.93 1.16 -2.27	24.98 1.49 -4.08	28.87 1.56 -6.18	30.23 1.61 -7.17	29.16 1.59 -6.37	27.33 1.71 -5.30	27.33 1.75 -5.71	27.55 1.70 -6.33	27.91 1.80 -5.91	30.02 1.71 -7.91	30.32 1.65 -8.02	40.51 1.85 -16.82	40.50 2.20 -13.57	28.50 2.47 -0.01	27.04 2.48 -0.01	26.77 2.39 -0.01	25.64 1.96 -1.40	22.84 1.83 -0.01	20.50 1.74 -0.01
BARRETT_IC_11 23702	22.87 1.31 -3.82	19.76 1.18 -2.92	17.39 1.05 -1.40	17.37 1.00 -1.83	18.25 1.04 -2.15	19.93 1.16 -2.27	24.98 1.49 -4.08	28.87 1.56 -6.18	30.23 1.61 -7.17	29.16 1.59 -6.37	27.33 1.71 -5.30	27.33 1.75 -5.71	27.55 1.70 -6.33	27.91 1.80 -5.91	30.02 1.71 -7.91	30.32 1.65 -8.02	40.51 1.85 -16.82	40.50 2.20 -13.57	28.50 2.47 -0.01	27.04 2.48 -0.01	26.77 2.39 -0.01	25.64 1.96 -1.40	22.84 1.83 -0.01	20.50 1.74 -0.01
BARRETT_IC_12 23703	22.87 1.31 -3.82	19.76 1.18 -2.92	17.39 1.05 -1.40	17.37 1.00 -1.83	18.25 1.04 -2.15	19.93 1.16 -2.27	24.98 1.49 -4.08	28.87 1.56 -6.18	30.23 1.61 -7.17	29.16 1.59 -6.37	27.33 1.71 -5.30	27.33 1.75 -5.71	27.55 1.70 -6.33	27.91 1.80 -5.91	30.02 1.71 -7.91	30.32 1.65 -8.02	40.51 1.85 -16.82	40.50 2.20 -13.57	28.50 2.47 -0.01	27.04 2.48 -0.01	26.77 2.39 -0.01	25.64 1.96 -1.40	22.84 1.83 -0.01	20.50 1.74 -0.01
BARRETT_IC_2 23705	22.87 1.31 -3.82	19.76 1.18 -2.92	17.39 1.05 -1.40	17.37 1.00 -1.83	18.25 1.04 -2.15	19.93 1.16 -2.27	24.98 1.49 -4.08	28.87 1.56 -6.18	30.23 1.61 -7.17	29.16 1.59 -6.37	27.33 1.71 -5.30	27.33 1.75 -5.71	27.55 1.70 -6.33	27.91 1.80 -5.91	30.02 1.71 -7.91	30.32 1.65 -8.02	40.51 1.85 -16.82	40.50 2.20 -13.57	28.50 2.47 -0.01	27.04 2.48 -0.01	26.77 2.39 -0.01	25.64 1.96 -1.40	22.84 1.83 -0.01	20.50 1.74 -0.01
BARRETT_IC_3 23706	22.87 1.31 -3.82	19.76 1.18 -2.92	17.39 1.05 -1.40	17.37 1.00 -1.83	18.25 1.04 -2.15	19.93 1.16 -2.27	24.98 1.49 -4.08	28.87 1.56 -6.18	30.23 1.61 -7.17	29.16 1.59 -6.37	27.33 1.71 -5.30	27.33 1.75 -5.71	27.55 1.70 -6.33	27.91 1.80 -5.91	30.02 1.71 -7.91	30.32 1.65 -8.02	40.51 1.85 -16.82	40.50 2.20 -13.57	28.50 2.47 -0.01	27.04 2.48 -0.01	26.77 2.39 -0.01	25.64 1.96 -1.40	22.84 1.83 -0.01	20.50 1.74 -0.01
BARRETT_IC_4 23707	22.87 1.31 -3.82	19.76 1.18 -2.92	17.39 1.05 -1.40	17.37 1.00 -1.83	18.25 1.04 -2.15	19.93 1.16 -2.27	24.98 1.49 -4.08	28.87 1.56 -6.18	30.23 1.61 -7.17	29.16 1.59 -6.37	27.33 1.71 -5.30	27.33 1.75 -5.71	27.55 1.70 -6.33	27.91 1.80 -5.91	30.02 1.71 -7.91	30.32 1.65 -8.02	40.51 1.85 -16.82	40.50 2.20 -13.57	28.50 2.47 -0.01	27.04 2.48 -0.01	26.77 2.39 -0.01	25.64 1.96 -1.40	22.84 1.83 -0.01	20.50 1.74 -0.01
BARRETT_IC_5 23708	22.87 1.31 -3.82	19.76 1.18 -2.92	17.39 1.05 -1.40	17.37 1.00 -1.83	18.25 1.04 -2.15	19.93 1.16 -2.27	24.98 1.49 -4.08	28.87 1.56 -6.18	30.23 1.61 -7.17	29.16 1.59 -6.37	27.33 1.71 -5.30	27.33 1.75 -5.71	27.55 1.70 -6.33	27.91 1.80 -5.91	30.02 1.71 -7.91	30.32 1.65 -8.02	40.51 1.85 -16.82	40.50 2.20 -13.57	28.50 2.47 -0.01	27.04 2.48 -0.01	26.77 2.39 -0.01	25.64 1.96 -1.40	22.84 1.83 -0.01	20.50 1.74 -0.01
BARRETT_IC_6 23709	22.87 1.31 -3.82	19.76 1.18 -2.92	17.39 1.05 -1.40	17.37 1.00 -1.83	18.25 1.04 -2.15	19.93 1.16 -2.27	24.98 1.49 -4.08	28.87 1.56 -6.18	30.23 1.61 -7.17	29.16 1.59 -6.37	27.33 1.71 -5.30	27.33 1.75 -5.71	27.55 1.70 -6.33	27.91 1.80 -5.91	30.02 1.71 -7.91	30.32 1.65 -8.02	40.51 1.85 -16.82	40.50 2.20 -13.57	28.50 2.47 -0.01	27.04 2.48 -0.01	26.77 2.39 -0.01	25.64 1.96 -1.40	22.84 1.83 -0.01	20.50 1.74 -0.01
BARRETT_IC_7 23710	22.87 1.31 -3.82	19.76 1.17 -2.92	17.39 1.05 -1.40	17.37 1.00 -1.83	18.26 1.04 -2.15	19.93 1.16 -2.27	24.98 1.49 -4.08	28.87 1.56 -6.18	30.23 1.61 -7.17	29.16 1.59 -6.37	27.35 1.73 -5.30	27.33 1.75 -5.71	27.56 1.70 -6.33	27.91 1.80 -5.91	30.04 1.73 -7.91	30.32 1.65 -8.02	40.51 1.86 -16.82	40.48 2.18 -13.57	28.54 2.52 0.00	27.04 2.48 0.00	26.76 2.39 0.00	25.63 1.96 -1.39	22.83 1.83 0.00	20.50 1.74 0.00



BARRETT_IC_8 23711	22.87 1.31 -3.82	19.76 1.18 -2.92	17.39 1.05 -1.40	17.37 1.00 -1.83	18.25 1.04 -2.15	19.93 1.16 -2.27	24.98 1.49 -4.08	28.87 1.56 -6.18	30.23 1.61 -7.17	29.16 1.59 -6.37	27.33 1.71 -5.30	27.33 1.75 -5.71	27.55 1.70 -6.33	27.91 1.80 -5.91	30.02 1.71 -7.91	30.32 1.65 -8.02	40.51 1.85 -16.82	40.50 2.20 -13.57	28.50 2.47 -0.01	27.04 2.48 -0.01	26.77 2.39 -0.01	25.64 1.96 -1.40	22.84 1.83 -0.01	20.50 1.74 -0.01
BARRETT_IC_9 23700	22.87 1.31 -3.82	19.76 1.18 -2.92	17.39 1.05 -1.40	17.37 1.00 -1.83	18.25 1.04 -2.15	19.93 1.16 -2.27	24.98 1.49 -4.08	28.87 1.56 -6.18	30.23 1.61 -7.17	29.16 1.59 -6.37	27.33 1.71 -5.30	27.33 1.75 -5.71	27.55 1.70 -6.33	27.91 1.80 -5.91	30.02 1.71 -7.91	30.32 1.65 -8.02	40.51 1.85 -16.82	40.50 2.20 -13.57	28.50 2.47 -0.01	27.04 2.48 -0.01	26.77 2.39 -0.01	25.64 1.96 -1.40	22.84 1.83 -0.01	20.50 1.74 -0.01
BARRETT___1 23545	22.87 1.31 -3.82	19.76 1.18 -2.92	17.39 1.05 -1.40	17.37 1.00 -1.83	18.25 1.04 -2.15	19.93 1.16 -2.27	24.98 1.49 -4.08	28.87 1.56 -6.18	30.23 1.61 -7.17	29.16 1.59 -6.37	27.33 1.71 -5.30	27.33 1.75 -5.71	27.55 1.70 -6.33	27.91 1.80 -5.91	30.02 1.71 -7.91	30.32 1.65 -8.02	40.51 1.85 -16.82	40.50 2.20 -13.57	28.50 2.47 -0.01	27.04 2.48 -0.01	26.77 2.39 -0.01	25.64 1.96 -1.40	22.84 1.83 -0.01	20.50 1.74 -0.01
BARRETT___2 23546	22.87 1.31 -3.82	19.76 1.18 -2.92	17.39 1.05 -1.40	17.37 1.00 -1.83	18.25 1.04 -2.15	19.93 1.16 -2.27	24.98 1.49 -4.08	28.87 1.56 -6.18	30.23 1.61 -7.17	29.16 1.59 -6.37	27.33 1.71 -5.30	27.33 1.75 -5.71	27.55 1.70 -6.33	27.91 1.80 -5.91	30.02 1.71 -7.91	30.32 1.65 -8.02	40.51 1.85 -16.82	40.50 2.20 -13.57	28.50 2.47 -0.01	27.04 2.48 -0.01	26.77 2.39 -0.01	25.64 1.96 -1.40	22.84 1.83 -0.01	20.50 1.74 -0.01
BATAVIA___115KV_TB1 55881	17.96 0.21 0.00	15.71 0.05 0.00	15.22 0.28 0.00	14.82 0.28 0.00	15.37 0.30 0.00	16.69 0.18 0.00	19.46 0.06 0.00	20.83 -0.30 0.00	21.47 0.02 0.00	21.29 0.08 0.00	20.47 0.14 0.00	19.97 0.10 0.00	19.64 0.12 0.00	20.31 0.10 0.00	20.50 0.10 0.00	20.81 0.17 0.00	22.05 0.22 0.00	24.74 0.00 0.00	25.91 -0.10 0.00	24.46 -0.10 0.00	24.30 -0.07 0.00	22.46 0.18 0.00	21.23 0.23 0.00	18.90 0.15 0.00
BAYONEEC___CTG1 323682	18.77 1.03 0.00	16.60 0.94 0.00	15.75 0.81 0.00	15.31 0.77 0.00	15.87 0.80 0.00	17.42 0.91 0.00	20.61 1.20 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.60 1.40 0.00	21.93 1.59 -0.02	21.75 1.63 -0.25	21.12 1.58 -0.02	22.09 1.72 -0.17	22.10 1.67 -0.03	22.30 1.65 0.00	23.70 1.85 -0.02	27.32 2.23 -0.35	28.30 2.29 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.37 1.36 0.00	20.10 1.35 0.00
BAYONEEC___CTG10 323750	18.77 1.03 0.00	16.60 0.94 0.00	15.75 0.81 0.00	15.31 0.77 0.00	15.87 0.80 0.00	17.42 0.91 0.00	20.61 1.20 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.60 1.40 0.00	21.93 1.59 -0.02	21.75 1.63 -0.25	21.12 1.58 -0.02	22.09 1.72 -0.17	22.10 1.67 -0.03	22.30 1.65 0.00	23.70 1.85 -0.02	27.32 2.23 -0.35	28.30 2.29 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.37 1.36 0.00	20.10 1.35 0.00
BAYONEEC___CTG2 323683	18.77 1.03 0.00	16.60 0.94 0.00	15.75 0.81 0.00	15.31 0.77 0.00	15.87 0.80 0.00	17.42 0.91 0.00	20.61 1.20 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.60 1.40 0.00	21.93 1.59 -0.02	21.75 1.63 -0.25	21.12 1.58 -0.02	22.09 1.72 -0.17	22.10 1.67 -0.03	22.30 1.65 0.00	23.70 1.85 -0.02	27.32 2.23 -0.35	28.30 2.29 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.37 1.36 0.00	20.10 1.35 0.00
BAYONEEC___CTG3 323684	18.77 1.03 0.00	16.60 0.94 0.00	15.75 0.81 0.00	15.31 0.77 0.00	15.87 0.80 0.00	17.42 0.91 0.00	20.61 1.20 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.60 1.40 0.00	21.93 1.59 -0.02	21.75 1.63 -0.25	21.12 1.58 -0.02	22.09 1.72 -0.17	22.10 1.67 -0.03	22.30 1.65 0.00	23.70 1.85 -0.02	27.32 2.23 -0.35	28.30 2.29 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.37 1.36 0.00	20.10 1.35 0.00
BAYONEEC___CTG4 323685	18.77 1.03 0.00	16.60 0.94 0.00	15.75 0.81 0.00	15.31 0.77 0.00	15.87 0.80 0.00	17.42 0.91 0.00	20.61 1.20 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.60 1.40 0.00	21.93 1.59 -0.02	21.75 1.63 -0.25	21.12 1.58 -0.02	22.09 1.72 -0.17	22.10 1.67 -0.03	22.30 1.65 0.00	23.70 1.85 -0.02	27.32 2.23 -0.35	28.30 2.29 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.37 1.36 0.00	20.10 1.35 0.00
BAYONEEC___CTG5 323686	18.77 1.03 0.00	16.60 0.94 0.00	15.75 0.81 0.00	15.31 0.77 0.00	15.87 0.80 0.00	17.42 0.91 0.00	20.61 1.20 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.60 1.40 0.00	21.93 1.59 -0.02	21.75 1.63 -0.25	21.12 1.58 -0.02	22.09 1.72 -0.17	22.10 1.67 -0.03	22.30 1.65 0.00	23.70 1.85 -0.02	27.32 2.23 -0.35	28.30 2.29 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.37 1.36 0.00	20.10 1.35 0.00
BAYONEEC___CTG6 323687	18.77 1.03 0.00	16.60 0.94 0.00	15.75 0.81 0.00	15.31 0.77 0.00	15.87 0.80 0.00	17.42 0.91 0.00	20.61 1.20 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.60 1.40 0.00	21.93 1.59 -0.02	21.75 1.63 -0.25	21.12 1.58 -0.02	22.09 1.72 -0.17	22.10 1.67 -0.03	22.30 1.65 0.00	23.70 1.85 -0.02	27.32 2.23 -0.35	28.30 2.29 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.37 1.36 0.00	20.10 1.35 0.00
BAYONEEC___CTG7 323688	18.77 1.03 0.00	16.60 0.94 0.00	15.75 0.81 0.00	15.31 0.77 0.00	15.87 0.80 0.00	17.42 0.91 0.00	20.61 1.20 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.60 1.40 0.00	21.93 1.59 -0.02	21.75 1.63 -0.25	21.12 1.58 -0.02	22.09 1.72 -0.17	22.10 1.67 -0.03	22.30 1.65 0.00	23.70 1.85 -0.02	27.32 2.23 -0.35	28.30 2.29 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.37 1.36 0.00	20.10 1.35 0.00
BAYONEEC___CTG8 323689	18.77 1.03 0.00	16.60 0.94 0.00	15.75 0.81 0.00	15.31 0.77 0.00	15.87 0.80 0.00	17.42 0.91 0.00	20.61 1.20 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.60 1.40 0.00	21.93 1.59 -0.02	21.75 1.63 -0.25	21.12 1.58 -0.02	22.09 1.72 -0.17	22.10 1.67 -0.03	22.30 1.65 0.00	23.70 1.85 -0.02	27.32 2.23 -0.35	28.30 2.29 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.37 1.36 0.00	20.10 1.35 0.00
BAYONEEC___CTG9 323749	18.77 1.03 0.00	16.60 0.94 0.00	15.75 0.81 0.00	15.31 0.77 0.00	15.87 0.80 0.00	17.42 0.91 0.00	20.61 1.20 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.60 1.40 0.00	21.93 1.59 -0.02	21.75 1.63 -0.25	21.12 1.58 -0.02	22.09 1.72 -0.17	22.10 1.67 -0.03	22.30 1.65 0.00	23.70 1.85 -0.02	27.32 2.23 -0.35	28.30 2.29 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.37 1.36 0.00	20.10 1.35 0.00



BEACON___LESR 323632	18.46 0.71 0.00	16.35 0.69 0.00	15.55 0.61 0.00	15.14 0.60 0.00	15.67 0.60 0.00	17.17 0.66 0.00	20.16 0.76 0.00	21.84 0.72 0.00	22.14 0.69 0.00	21.82 0.62 0.00	21.12 0.79 0.00	20.67 0.80 0.00	20.32 0.80 0.00	21.03 0.83 0.00	21.22 0.82 0.00	21.39 0.74 0.00	22.62 0.78 0.00	25.70 0.96 0.00	27.03 1.01 0.00	25.56 1.01 0.00	25.32 0.95 0.00	23.13 0.85 0.00	21.70 0.69 0.00	19.45 0.69 0.00
BEAVER RIVER___HYD 24048	18.12 0.37 0.00	15.95 0.28 0.00	15.24 0.30 0.00	14.83 0.29 0.00	15.36 0.29 0.00	16.89 0.38 0.00	19.91 0.50 0.00	21.63 0.51 0.00	21.77 0.32 0.00	21.54 0.34 0.00	20.47 0.14 0.00	19.97 0.10 0.00	19.66 0.14 0.00	20.25 0.04 0.00	20.48 0.08 0.00	20.71 0.06 0.00	21.85 0.02 0.00	24.81 0.07 0.00	26.20 0.18 0.00	24.83 0.27 0.00	24.84 0.46 0.00	22.71 0.42 0.00	21.38 0.38 0.00	18.99 0.24 0.00
BEEBEE_GT_13 23619	17.78 0.04 0.00	15.60 -0.06 0.00	15.03 0.09 0.00	14.63 0.09 0.00	15.16 0.09 0.00	16.54 0.03 0.00	19.36 -0.04 0.00	20.91 -0.21 0.00	21.47 0.02 0.00	21.27 0.06 0.00	20.38 0.06 0.00	19.93 0.06 0.00	19.54 0.02 0.00	20.23 0.02 0.00	20.42 0.02 0.00	20.75 0.10 0.00	21.96 0.13 0.00	24.69 -0.05 0.00	25.86 -0.16 0.00	24.41 -0.15 0.00	24.25 -0.12 0.00	22.33 0.04 0.00	21.11 0.11 0.00	18.77 0.02 0.00
BENSHRST_27_KV_BENSHRST_1 355998	18.99 1.24 0.00	16.76 1.10 0.00	15.88 0.94 0.00	15.44 0.90 0.00	15.99 0.92 0.00	17.52 1.01 0.00	20.72 1.32 0.00	22.60 1.48 0.00	23.00 1.54 0.00	22.73 1.53 0.00	22.17 1.83 -0.02	22.02 1.91 -0.24	21.37 1.84 -0.02	22.40 2.02 -0.17	22.38 1.94 -0.04	22.56 1.90 -0.01	23.95 2.07 -0.04	27.59 2.50 -0.36	28.59 2.52 -0.06	26.96 2.38 -0.02	26.68 2.29 -0.02	24.20 1.92 0.00	22.62 1.62 0.00	20.35 1.59 0.00
BETHLEHEM___GRP 23843	18.24 0.50 0.00	16.20 0.53 0.00	15.39 0.45 0.00	14.99 0.45 0.00	15.51 0.44 0.00	16.97 0.46 0.00	19.87 0.47 0.00	21.55 0.42 0.00	21.84 0.39 0.00	21.52 0.32 0.00	20.85 0.53 0.00	20.39 0.52 0.00	20.07 0.55 0.00	20.77 0.57 0.00	20.93 0.53 0.00	21.12 0.47 0.00	22.31 0.48 0.00	25.35 0.62 0.00	26.67 0.65 0.00	25.22 0.66 0.00	24.98 0.61 0.00	22.80 0.51 0.00	21.40 0.40 0.00	19.18 0.43 0.00
BETHLEHEM___GS1 323560	18.24 0.50 0.00	16.20 0.53 0.00	15.39 0.45 0.00	14.99 0.45 0.00	15.51 0.44 0.00	16.97 0.46 0.00	19.87 0.46 0.00	21.55 0.42 0.00	21.84 0.39 0.00	21.52 0.32 0.00	20.83 0.51 0.00	20.41 0.54 0.00	20.07 0.55 0.00	20.77 0.56 0.00	20.95 0.55 0.00	21.12 0.48 0.00	22.31 0.48 0.00	25.35 0.62 0.00	26.67 0.65 0.00	25.22 0.66 0.00	24.98 0.61 0.00	22.80 0.51 0.00	21.40 0.40 0.00	19.18 0.43 0.00
BETHLEHEM___GS2 323561	18.24 0.50 0.00	16.20 0.53 0.00	15.39 0.45 0.00	14.99 0.45 0.00	15.51 0.44 0.00	16.97 0.46 0.00	19.87 0.46 0.00	21.55 0.42 0.00	21.84 0.39 0.00	21.52 0.32 0.00	20.83 0.51 0.00	20.41 0.54 0.00	20.07 0.55 0.00	20.77 0.56 0.00	20.95 0.55 0.00	21.12 0.48 0.00	22.31 0.48 0.00	25.35 0.62 0.00	26.67 0.65 0.00	25.22 0.66 0.00	24.98 0.61 0.00	22.80 0.51 0.00	21.40 0.40 0.00	19.18 0.43 0.00
BETHLEHEM___GS3 323562	18.24 0.50 0.00	16.20 0.53 0.00	15.39 0.45 0.00	14.99 0.45 0.00	15.51 0.44 0.00	16.97 0.46 0.00	19.87 0.46 0.00	21.55 0.42 0.00	21.84 0.39 0.00	21.52 0.32 0.00	20.83 0.51 0.00	20.41 0.54 0.00	20.07 0.55 0.00	20.77 0.56 0.00	20.95 0.55 0.00	21.12 0.48 0.00	22.31 0.48 0.00	25.35 0.62 0.00	26.67 0.65 0.00	25.22 0.66 0.00	24.98 0.61 0.00	22.80 0.51 0.00	21.40 0.40 0.00	19.18 0.43 0.00
BETHLEHEM___STEEL 23779	17.89 0.14 0.00	15.66 0.00 0.00	15.13 0.19 0.00	14.73 0.19 0.00	15.28 0.21 0.00	16.58 0.07 0.00	19.34 -0.06 0.00	20.64 -0.49 0.00	21.32 -0.13 0.00	21.20 0.00 0.00	20.45 0.12 0.00	19.93 0.06 0.00	19.54 0.02 0.00	20.33 0.12 0.00	20.50 0.10 0.00	20.83 0.19 0.00	22.03 0.20 0.00	24.66 -0.07 0.00	25.83 -0.18 0.00	24.34 -0.22 0.00	24.16 -0.22 0.00	22.35 0.07 0.00	21.11 0.11 0.00	18.83 0.08 0.00
BETHLHEM_115KV_TB1 79974	18.26 0.51 0.00	16.20 0.53 0.00	15.40 0.46 0.00	14.99 0.45 0.00	15.52 0.45 0.00	16.99 0.48 0.00	19.91 0.50 0.00	21.61 0.49 0.00	21.88 0.43 0.00	21.59 0.38 0.00	20.89 0.57 0.00	20.45 0.58 0.00	20.11 0.59 0.00	20.81 0.61 0.00	20.97 0.57 0.00	21.16 0.52 0.00	22.38 0.55 0.00	25.43 0.69 0.00	26.74 0.73 0.00	25.29 0.74 0.00	25.03 0.66 0.00	22.84 0.56 0.00	21.47 0.46 0.00	19.24 0.49 0.00
BETHPAGE_CC_5 323564	22.89 1.33 -3.82	19.79 1.21 -2.92	17.42 1.08 -1.40	17.40 1.03 -1.83	18.29 1.07 -2.15	19.97 1.19 -2.27	25.01 1.53 -4.08	29.06 1.75 -6.18	30.44 1.82 -7.17	29.29 1.72 -6.37	27.51 1.89 -5.30	27.51 1.93 -5.71	27.65 1.79 -6.33	28.10 1.98 -5.91	30.25 1.94 -7.91	30.59 1.92 -8.02	40.84 2.18 -16.82	40.88 2.57 -13.57	28.83 2.81 -0.01	27.27 2.70 -0.01	27.02 2.63 -0.01	25.88 2.21 -1.39	22.99 1.97 -0.01	20.62 1.86 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.92 0.18 0.00	15.69 0.03 0.00	15.16 0.22 0.00	14.76 0.22 0.00	15.31 0.24 0.00	16.59 0.08 0.00	19.38 -0.02 0.00	20.70 -0.42 0.00	21.39 -0.06 0.00	21.27 0.06 0.00	20.51 0.18 0.00	19.99 0.12 0.00	19.58 0.06 0.00	20.39 0.18 0.00	20.56 0.16 0.00	20.90 0.25 0.00	22.12 0.28 0.00	24.71 -0.02 0.00	25.88 -0.13 0.00	24.39 -0.17 0.00	24.18 -0.19 0.00	22.37 0.09 0.00	21.13 0.13 0.00	18.86 0.11 0.00
BINGHAMTON___COGEN 23790	18.01 0.27 0.00	15.85 0.19 0.00	15.16 0.22 0.00	14.74 0.20 0.00	15.30 0.23 0.00	16.76 0.25 0.00	19.71 0.31 0.00	21.36 0.23 0.00	21.77 0.32 0.00	21.56 0.36 0.00	20.69 0.37 0.00	20.21 0.34 0.00	19.81 0.29 0.00	20.57 0.36 0.00	20.77 0.37 0.00	21.04 0.39 0.00	22.27 0.44 0.00	25.16 0.42 0.00	26.46 0.44 0.00	24.93 0.37 0.00	24.76 0.39 0.00	22.68 0.40 0.00	21.36 0.36 0.00	19.07 0.32 0.00
BIXINCNT_115KV_LOAD 355685	18.01 0.27 0.00	15.79 0.13 0.00	15.24 0.30 0.00	14.83 0.29 0.00	15.40 0.33 0.00	16.73 0.21 0.00	19.60 0.19 0.00	20.89 -0.23 0.00	21.58 0.13 0.00	21.48 0.28 0.00	20.67 0.35 0.00	20.13 0.26 0.00	19.68 0.16 0.00	20.51 0.30 0.00	20.70 0.31 0.00	21.00 0.35 0.00	22.25 0.41 0.00	24.84 0.10 0.00	25.96 -0.05 0.00	24.41 -0.15 0.00	24.23 -0.15 0.00	22.42 0.13 0.00	21.15 0.15 0.00	18.90 0.15 0.00
BLACK RIVER___HYD 24047	18.22 0.48 0.00	16.02 0.36 0.00	15.33 0.39 0.00	14.93 0.39 0.00	15.43 0.36 0.00	16.99 0.48 0.00	20.06 0.66 0.00	21.74 0.61 0.00	21.84 0.39 0.00	21.65 0.45 0.00	20.49 0.16 0.00	19.99 0.12 0.00	19.70 0.18 0.00	20.29 0.08 0.00	20.48 0.08 0.00	20.75 0.10 0.00	21.96 0.13 0.00	24.96 0.22 0.00	26.35 0.34 0.00	25.02 0.47 0.00	25.03 0.66 0.00	22.91 0.62 0.00	21.53 0.53 0.00	19.11 0.36 0.00



BLACKRVR_115KV_TB2 79977	18.22 0.48 0.00	16.02 0.36 0.00	15.33 0.39 0.00	14.93 0.39 0.00	15.43 0.36 0.00	16.99 0.48 0.00	20.06 0.66 0.00	21.74 0.61 0.00	21.84 0.39 0.00	21.65 0.45 0.00	20.49 0.16 0.00	19.99 0.12 0.00	19.70 0.18 0.00	20.29 0.08 0.00	20.48 0.08 0.00	20.75 0.10 0.00	21.96 0.13 0.00	24.96 0.22 0.00	26.35 0.34 0.00	25.02 0.47 0.00	25.03 0.66 0.00	22.91 0.62 0.00	21.53 0.53 0.00	19.11 0.36 0.00
BLISS_WT_PWR 323608	17.99 0.25 0.00	15.77 0.11 0.00	15.22 0.28 0.00	14.83 0.29 0.00	15.39 0.32 0.00	16.73 0.21 0.00	19.58 0.17 0.00	20.91 -0.21 0.00	21.60 0.15 0.00	21.48 0.27 0.00	20.75 0.43 0.00	20.13 0.26 0.00	19.68 0.16 0.00	20.51 0.30 0.00	20.77 0.37 0.00	21.00 0.35 0.00	22.27 0.44 0.00	24.86 0.12 0.00	25.96 -0.05 0.00	24.41 -0.15 0.00	24.20 -0.17 0.00	22.42 0.13 0.00	21.17 0.17 0.00	18.88 0.13 0.00
BLUE_CIRC_CHEM_DRP 24182	18.42 0.67 0.00	16.32 0.66 0.00	15.52 0.58 0.00	15.11 0.57 0.00	15.64 0.57 0.00	17.14 0.63 0.00	20.14 0.74 0.00	21.84 0.72 0.00	22.12 0.66 0.00	21.82 0.61 0.00	21.08 0.75 0.00	20.61 0.74 0.00	20.24 0.72 0.00	20.95 0.75 0.00	21.13 0.73 0.00	21.35 0.70 0.00	22.55 0.72 0.00	25.63 0.89 0.00	26.95 0.94 0.00	25.52 0.96 0.00	25.28 0.90 0.00	23.08 0.80 0.00	21.68 0.67 0.00	19.43 0.68 0.00
BOC_GAS_DRP 24189	18.28 0.53 0.00	16.18 0.52 0.00	15.39 0.45 0.00	14.99 0.45 0.00	15.52 0.45 0.00	17.01 0.50 0.00	20.00 0.60 0.00	21.72 0.59 0.00	22.03 0.58 0.00	21.76 0.55 0.00	21.01 0.69 0.00	20.57 0.70 0.00	20.21 0.68 0.00	20.93 0.73 0.00	21.11 0.71 0.00	21.31 0.66 0.00	22.55 0.72 0.00	25.63 0.89 0.00	26.95 0.94 0.00	25.47 0.91 0.00	25.23 0.85 0.00	23.02 0.74 0.00	21.59 0.59 0.00	19.35 0.60 0.00
BOONVILLE_115KV_TB1 79983	18.17 0.43 0.00	15.99 0.33 0.00	15.28 0.34 0.00	14.87 0.33 0.00	15.40 0.33 0.00	16.92 0.41 0.00	19.96 0.56 0.00	21.65 0.53 0.00	21.88 0.43 0.00	21.71 0.51 0.00	20.63 0.30 0.00	20.15 0.28 0.00	19.87 0.35 0.00	20.45 0.24 0.00	20.66 0.27 0.00	20.92 0.27 0.00	22.14 0.31 0.00	25.11 0.37 0.00	26.46 0.44 0.00	25.02 0.47 0.00	24.94 0.56 0.00	22.77 0.49 0.00	21.44 0.44 0.00	19.09 0.34 0.00
BORALEX_4TH_BRANCH 23824	18.69 0.94 0.00	16.56 0.89 0.00	15.73 0.79 0.00	15.32 0.78 0.00	15.90 0.83 0.00	17.42 0.91 0.00	20.55 1.14 0.00	22.33 1.20 0.00	22.59 1.14 0.00	22.35 1.14 0.00	21.56 1.24 0.00	21.11 1.23 0.00	20.77 1.25 0.00	21.52 1.31 0.00	21.68 1.29 0.00	21.89 1.24 0.00	23.16 1.33 0.00	26.34 1.61 0.00	27.71 1.69 0.00	26.23 1.67 0.00	25.94 1.56 0.00	23.69 1.40 0.00	22.14 1.13 0.00	19.84 1.09 0.00
BOWLINE___1 23526	18.56 0.82 0.00	16.42 0.75 0.00	15.57 0.63 0.00	15.15 0.61 0.00	15.70 0.63 0.00	17.22 0.71 0.00	20.37 0.97 0.00	22.22 1.10 0.00	22.59 1.14 0.00	22.33 1.12 0.00	21.64 1.32 0.00	21.24 1.37 0.00	20.85 1.33 0.00	21.66 1.46 0.00	21.81 1.41 0.00	22.05 1.40 0.00	23.41 1.57 0.00	26.64 1.90 0.00	27.97 1.95 0.00	26.37 1.82 0.00	26.11 1.73 0.00	23.73 1.45 0.00	22.18 1.18 0.00	19.91 1.16 0.00
BOWLINE___2 23595	18.56 0.82 0.00	16.42 0.75 0.00	15.57 0.63 0.00	15.15 0.61 0.00	15.70 0.63 0.00	17.22 0.71 0.00	20.37 0.97 0.00	22.22 1.10 0.00	22.59 1.14 0.00	22.33 1.12 0.00	21.64 1.32 0.00	21.24 1.37 0.00	20.85 1.33 0.00	21.66 1.46 0.00	21.81 1.41 0.00	22.05 1.40 0.00	23.43 1.59 0.00	26.64 1.90 0.00	27.97 1.95 0.00	26.37 1.82 0.00	26.11 1.73 0.00	23.73 1.45 0.00	22.18 1.18 0.00	19.91 1.16 0.00
BRADY___115KV_TB2 356060	17.78 0.04 0.00	15.69 0.03 0.00	15.00 0.06 0.00	14.60 0.06 0.00	15.12 0.05 0.00	16.56 0.05 0.00	19.40 0.00 0.00	21.15 0.02 0.00	21.37 -0.09 0.00	21.12 -0.08 0.00	20.26 -0.06 0.00	19.75 -0.12 0.00	19.48 -0.04 0.00	20.00 -0.20 0.00	20.30 -0.10 0.00	20.50 -0.14 0.00	21.48 -0.35 0.00	24.41 -0.32 0.00	25.73 -0.29 0.00	24.26 -0.29 0.00	24.28 -0.10 0.00	22.15 -0.13 0.00	20.90 -0.11 0.00	18.58 -0.17 0.00
BRANSCOMB___SOLAR 323811	18.85 1.10 0.00	16.67 1.00 0.00	15.84 0.90 0.00	15.43 0.89 0.00	15.99 0.92 0.00	17.55 1.04 0.00	20.72 1.32 0.00	22.46 1.33 0.00	22.74 1.29 0.00	22.39 1.19 0.00	21.60 1.28 0.00	21.05 1.17 0.00	20.65 1.13 0.00	21.40 1.19 0.00	21.56 1.16 0.00	21.80 1.16 0.00	23.08 1.24 0.00	26.32 1.58 0.00	27.68 1.67 0.00	26.23 1.67 0.00	26.05 1.68 0.00	23.84 1.56 0.00	22.33 1.32 0.00	19.97 1.22 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	22.98 1.42 -3.82	19.90 1.32 -2.92	17.52 1.18 -1.40	17.52 1.15 -1.83	18.41 1.19 -2.15	20.08 1.30 -2.27	25.13 1.65 -4.08	29.27 1.96 -6.18	30.68 2.06 -7.17	29.44 1.87 -6.37	27.74 2.11 -5.30	27.69 2.11 -5.71	27.79 1.93 -6.33	28.34 2.22 -5.91	30.51 2.20 -7.91	30.84 2.17 -8.02	41.15 2.49 -16.82	41.22 2.92 -13.57	29.27 3.25 0.00	27.60 3.05 0.00	27.35 2.97 0.00	26.15 2.47 -1.39	23.23 2.23 0.00	20.80 2.04 0.00
BRISTLHL_115KV_TB1 79998	17.60 -0.14 0.00	15.51 -0.16 0.00	14.80 -0.13 0.00	14.41 -0.13 0.00	14.95 -0.12 0.00	16.38 -0.13 0.00	19.29 -0.12 0.00	20.91 -0.21 0.00	21.28 -0.17 0.00	21.08 -0.13 0.00	20.02 -0.30 0.00	19.56 -0.32 0.00	19.23 -0.29 0.00	19.90 -0.30 0.00	20.07 -0.33 0.00	20.36 -0.29 0.00	21.55 -0.28 0.00	24.37 -0.37 0.00	25.62 -0.39 0.00	24.19 -0.37 0.00	24.03 -0.34 0.00	22.02 -0.27 0.00	20.81 -0.19 0.00	18.58 -0.17 0.00
BROOKHAVEN___DRP 24191	22.77 1.21 -3.82	19.76 1.17 -2.92	17.42 1.08 -1.40	17.41 1.05 -1.83	18.30 1.09 -2.15	19.95 1.17 -2.27	24.92 1.44 -4.08	28.98 1.67 -6.18	30.38 1.76 -7.17	29.16 1.59 -6.37	27.45 1.83 -5.30	27.41 1.83 -5.71	27.54 1.68 -6.33	28.09 1.98 -5.91	30.22 1.92 -7.91	30.55 1.88 -8.02	40.86 2.21 -16.82	40.90 2.60 -13.57	29.03 3.02 0.00	27.38 2.82 0.00	27.10 2.73 0.00	25.90 2.23 -1.39	23.00 2.00 0.00	20.59 1.84 0.00
BROOKLYN_NAVY_YARD 23515	18.76 1.01 0.00	16.59 0.92 0.00	15.72 0.78 0.00	15.30 0.76 0.00	15.84 0.77 0.00	17.39 0.87 0.00	20.59 1.18 0.00	22.50 1.37 0.00	22.87 1.42 0.00	22.60 1.40 0.00	21.88 1.54 -0.02	21.69 1.57 -0.25	21.06 1.52 -0.02	22.03 1.66 -0.17	22.04 1.61 -0.03	22.26 1.61 0.00	23.66 1.81 -0.02	27.24 2.15 -0.35	28.28 2.26 0.00	26.69 2.14 0.00	26.40 2.02 0.00	23.95 1.67 0.00	22.39 1.39 0.00	20.10 1.35 0.00
BROOKLYN___ARMY_DRP 323595	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.64 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.07 1.73 -0.02	21.92 1.81 -0.24	21.28 1.74 -0.02	22.30 1.92 -0.17	22.28 1.84 -0.04	22.45 1.80 -0.01	23.84 1.96 -0.04	27.47 2.37 -0.36	28.46 2.39 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00



BROOKVLE_69_KV_TB1 55790	22.82 1.26 -3.82	19.72 1.13 -2.92	17.34 1.00 -1.40	17.34 0.97 -1.83	18.21 0.99 -2.15	19.88 1.11 -2.27	24.94 1.46 -4.08	28.98 1.67 -6.18	30.36 1.74 -7.17	29.22 1.65 -6.37	27.51 1.89 -5.30	27.49 1.91 -5.71	27.69 1.84 -6.33	28.11 2.00 -5.91	30.28 1.98 -7.91	30.61 1.94 -8.02	40.75 2.10 -16.82	40.78 2.47 -13.57	28.75 2.73 0.00	27.14 2.58 0.00	26.86 2.49 0.00	25.75 2.07 -1.39	22.81 1.81 0.00	20.48 1.73 0.00
BROOME_2_LFGE 323671	18.01 0.27 0.00	15.85 0.19 0.00	15.16 0.22 0.00	14.74 0.20 0.00	15.30 0.23 0.00	16.76 0.25 0.00	19.71 0.31 0.00	21.36 0.23 0.00	21.77 0.32 0.00	21.56 0.36 0.00	20.69 0.37 0.00	20.21 0.34 0.00	19.82 0.29 0.00	20.57 0.36 0.00	20.77 0.37 0.00	21.04 0.39 0.00	22.27 0.44 0.00	25.18 0.45 0.00	26.46 0.44 0.00	24.93 0.37 0.00	24.76 0.39 0.00	22.68 0.40 0.00	21.36 0.36 0.00	19.07 0.32 0.00
BROOME__LFGE 323600	18.01 0.27 0.00	15.85 0.19 0.00	15.16 0.22 0.00	14.74 0.20 0.00	15.30 0.23 0.00	16.76 0.25 0.00	19.71 0.31 0.00	21.36 0.23 0.00	21.77 0.32 0.00	21.56 0.36 0.00	20.69 0.37 0.00	20.21 0.34 0.00	19.82 0.29 0.00	20.57 0.36 0.00	20.77 0.37 0.00	21.04 0.39 0.00	22.27 0.44 0.00	25.18 0.45 0.00	26.46 0.44 0.00	24.93 0.37 0.00	24.76 0.39 0.00	22.68 0.40 0.00	21.36 0.36 0.00	19.07 0.32 0.00
BROWNFLS_115KV_TB_3_5 80003	17.96 0.21 0.00	15.82 0.16 0.00	15.12 0.18 0.00	14.71 0.17 0.00	15.24 0.17 0.00	16.74 0.23 0.00	19.69 0.29 0.00	21.42 0.30 0.00	21.60 0.15 0.00	21.35 0.15 0.00	20.38 0.06 0.00	19.89 0.02 0.00	19.58 0.06 0.00	20.15 -0.06 0.00	20.40 0.00 0.00	20.59 -0.06 0.00	21.57 -0.26 0.00	24.54 -0.20 0.00	25.88 -0.13 0.00	24.46 -0.10 0.00	24.55 0.17 0.00	22.46 0.18 0.00	21.15 0.15 0.00	18.81 0.06 0.00
BROWNSV1_27_KV_LOAD 356125	18.90 1.15 0.00	16.71 1.05 0.00	15.85 0.91 0.00	15.41 0.87 0.00	15.96 0.89 0.00	17.52 1.01 0.00	20.74 1.34 0.00	22.65 1.52 0.00	23.04 1.59 0.00	22.75 1.55 0.00	22.13 1.79 -0.02	21.93 1.81 -0.25	21.30 1.76 -0.02	22.28 1.90 -0.17	22.30 1.88 -0.03	22.47 1.82 0.00	23.90 2.05 -0.02	27.51 2.42 -0.35	28.54 2.52 0.00	26.91 2.36 0.00	26.64 2.27 0.00	24.15 1.87 0.00	22.56 1.55 0.00	20.25 1.50 0.00
BURROWS__LYONSDAL 23803	18.17 0.43 0.00	15.99 0.33 0.00	15.28 0.34 0.00	14.87 0.33 0.00	15.40 0.33 0.00	16.92 0.41 0.00	19.96 0.56 0.00	21.65 0.53 0.00	21.86 0.41 0.00	21.69 0.49 0.00	20.61 0.28 0.00	20.13 0.26 0.00	19.83 0.31 0.00	20.41 0.20 0.00	20.64 0.24 0.00	20.88 0.23 0.00	22.07 0.24 0.00	25.06 0.32 0.00	26.43 0.42 0.00	25.00 0.44 0.00	24.94 0.56 0.00	22.77 0.49 0.00	21.44 0.44 0.00	19.07 0.32 0.00
CAITHNESS_CC_1 323624	22.77 1.21 -3.82	19.75 1.16 -2.92	17.40 1.06 -1.40	17.40 1.03 -1.83	18.29 1.07 -2.15	19.95 1.17 -2.27	24.92 1.44 -4.08	29.00 1.69 -6.18	30.40 1.78 -7.17	29.16 1.59 -6.37	27.45 1.83 -5.30	27.43 1.85 -5.71	27.54 1.68 -6.33	28.10 1.98 -5.91	30.20 1.90 -7.91	30.55 1.88 -8.02	40.86 2.20 -16.82	40.90 2.60 -13.57	29.01 2.99 -0.01	27.36 2.80 -0.01	27.11 2.73 -0.01	25.90 2.23 -1.39	23.01 2.00 -0.01	20.60 1.84 -0.01
CALPINE BETH_PAGE_GT4 24209	22.89 1.33 -3.82	19.79 1.21 -2.92	17.40 1.06 -1.40	17.40 1.03 -1.83	18.29 1.07 -2.15	19.97 1.19 -2.27	25.02 1.53 -4.08	29.02 1.71 -6.18	30.40 1.78 -7.17	29.27 1.70 -6.37	27.49 1.87 -5.30	27.47 1.89 -5.71	27.63 1.78 -6.33	28.01 1.90 -5.91	30.18 1.88 -7.91	30.51 1.84 -8.02	40.75 2.10 -16.82	40.78 2.47 -13.57	28.72 2.71 0.00	27.21 2.65 0.00	26.96 2.58 0.00	25.86 2.18 -1.39	22.98 1.97 0.00	20.61 1.86 0.00
CALPINE_BETH_PAGE_GT_4 323586	22.89 1.33 -3.82	19.79 1.21 -2.92	17.40 1.06 -1.40	17.40 1.03 -1.83	18.29 1.07 -2.15	19.97 1.19 -2.27	25.01 1.53 -4.08	29.02 1.71 -6.18	30.40 1.78 -7.17	29.27 1.70 -6.37	27.47 1.85 -5.30	27.47 1.89 -5.71	27.63 1.78 -6.33	28.01 1.90 -5.91	30.16 1.86 -7.91	30.50 1.84 -8.02	40.75 2.10 -16.82	40.80 2.50 -13.57	28.73 2.71 -0.01	27.22 2.65 -0.01	26.96 2.58 -0.01	25.86 2.18 -1.39	22.99 1.97 -0.01	20.62 1.86 -0.01
CALPINE_BP_GT1 23823	22.89 1.33 -3.82	19.79 1.21 -2.92	17.40 1.06 -1.40	17.40 1.03 -1.83	18.29 1.07 -2.15	19.97 1.19 -2.27	25.01 1.53 -4.08	29.02 1.71 -6.18	30.40 1.78 -7.17	29.27 1.70 -6.37	27.47 1.85 -5.30	27.47 1.89 -5.71	27.63 1.78 -6.33	28.01 1.90 -5.91	30.16 1.86 -7.91	30.50 1.84 -8.02	40.75 2.10 -16.82	40.80 2.50 -13.57	28.73 2.71 -0.01	27.22 2.65 -0.01	26.96 2.58 -0.01	25.86 2.18 -1.39	22.99 1.97 -0.01	20.62 1.86 -0.01
CALSPAN__DRP 24200	17.89 0.14 0.00	15.66 0.00 0.00	15.13 0.19 0.00	14.73 0.19 0.00	15.28 0.21 0.00	16.58 0.07 0.00	19.34 -0.06 0.00	20.64 -0.49 0.00	21.32 -0.13 0.00	21.20 0.00 0.00	20.45 0.12 0.00	19.93 0.06 0.00	19.54 0.02 0.00	20.33 0.12 0.00	20.50 0.10 0.00	20.83 0.19 0.00	22.03 0.20 0.00	24.66 -0.07 0.00	25.83 -0.18 0.00	24.34 -0.22 0.00	24.16 -0.22 0.00	22.35 0.07 0.00	21.11 0.11 0.00	18.83 0.08 0.00
CALVERTON__SOLAR 323806	22.78 1.22 -3.82	19.79 1.21 -2.92	17.45 1.11 -1.40	17.44 1.08 -1.83	18.33 1.12 -2.15	19.98 1.20 -2.27	24.96 1.47 -4.08	29.02 1.71 -6.18	30.42 1.80 -7.17	29.18 1.61 -6.37	27.45 1.83 -5.30	27.43 1.85 -5.71	27.55 1.70 -6.33	28.11 2.00 -5.91	30.22 1.92 -7.91	30.59 1.92 -8.02	40.91 2.25 -16.82	40.98 2.67 -13.57	29.12 3.09 -0.01	27.44 2.87 -0.01	27.18 2.80 -0.01	25.97 2.30 -1.39	23.05 2.04 -0.01	20.62 1.86 -0.01
CANDIGU_WT_PWR 323617	17.99 0.25 0.00	15.80 0.14 0.00	15.19 0.25 0.00	14.79 0.25 0.00	15.34 0.27 0.00	16.74 0.23 0.00	19.64 0.23 0.00	21.08 -0.04 0.00	21.62 0.17 0.00	21.46 0.26 0.00	20.69 0.37 0.00	20.15 0.28 0.00	19.72 0.20 0.00	20.53 0.32 0.00	20.75 0.35 0.00	21.00 0.35 0.00	22.23 0.39 0.00	25.01 0.27 0.00	26.28 0.26 0.00	24.73 0.17 0.00	24.57 0.19 0.00	22.62 0.33 0.00	21.32 0.32 0.00	19.01 0.26 0.00
CARR STREET_E_SYR 24060	17.67 -0.07 0.00	15.57 -0.09 0.00	14.88 -0.06 0.00	14.48 -0.06 0.00	15.02 -0.05 0.00	16.46 -0.05 0.00	19.36 -0.04 0.00	21.02 -0.11 0.00	21.41 -0.04 0.00	21.20 0.00 0.00	20.18 -0.14 0.00	19.71 -0.16 0.00	19.37 -0.16 0.00	20.04 -0.16 0.00	20.24 -0.16 0.00	20.53 -0.12 0.00	21.72 -0.11 0.00	24.54 -0.20 0.00	25.81 -0.21 0.00	24.34 -0.22 0.00	24.18 -0.20 0.00	22.15 -0.13 0.00	20.92 -0.08 0.00	18.66 -0.09 0.00
CARTHAGE__PAPER 23857	18.15 0.41 0.00	15.98 0.31 0.00	15.28 0.34 0.00	14.87 0.33 0.00	15.39 0.32 0.00	16.92 0.41 0.00	19.98 0.58 0.00	21.67 0.55 0.00	21.77 0.32 0.00	21.56 0.36 0.00	20.45 0.12 0.00	19.95 0.08 0.00	19.66 0.14 0.00	20.25 0.04 0.00	20.46 0.06 0.00	20.69 0.04 0.00	21.85 0.02 0.00	24.86 0.12 0.00	26.25 0.23 0.00	24.93 0.37 0.00	24.91 0.54 0.00	22.80 0.51 0.00	21.45 0.44 0.00	19.05 0.30 0.00



CASSADAGA_WT_PWR 323784	18.51 0.76 0.00	16.21 0.55 0.00	15.60 0.66 0.00	15.18 0.64 0.00	15.76 0.69 0.00	17.16 0.64 0.00	20.14 0.74 0.00	21.51 0.38 0.00	22.20 0.75 0.00	22.12 0.91 0.00	21.40 1.08 0.00	20.67 0.80 0.00	20.19 0.66 0.00	21.03 0.83 0.00	21.26 0.86 0.00	21.52 0.87 0.00	22.73 0.90 0.00	25.28 0.54 0.00	26.48 0.47 0.00	24.95 0.39 0.00	24.81 0.44 0.00	22.95 0.67 0.00	21.68 0.67 0.00	19.31 0.56 0.00
CE_DUNWOOD___DRP 24194	18.67 0.92 0.00	16.51 0.85 0.00	15.67 0.73 0.00	15.24 0.70 0.00	15.79 0.72 0.00	17.32 0.81 0.00	20.49 1.09 0.00	22.37 1.25 0.00	22.74 1.29 0.00	22.46 1.25 0.00	21.81 1.48 0.00	21.38 1.51 0.00	20.99 1.46 0.00	21.80 1.60 0.00	21.97 1.57 0.00	22.16 1.51 0.00	23.54 1.70 0.00	26.76 2.03 0.00	28.12 2.11 0.00	26.55 1.99 0.00	26.28 1.90 0.00	23.86 1.58 0.00	22.28 1.28 0.00	20.03 1.28 0.00
CE_MILLWOOD___DRP 24193	18.63 0.89 0.00	16.48 0.81 0.00	15.64 0.70 0.00	15.22 0.68 0.00	15.76 0.69 0.00	17.29 0.78 0.00	20.45 1.05 0.00	22.31 1.18 0.00	22.67 1.22 0.00	22.41 1.21 0.00	21.75 1.42 0.00	21.32 1.45 0.00	20.93 1.41 0.00	21.74 1.54 0.00	21.91 1.51 0.00	22.11 1.47 0.00	23.49 1.66 0.00	26.69 1.95 0.00	28.07 2.06 0.00	26.47 1.92 0.00	26.23 1.85 0.00	23.82 1.54 0.00	22.24 1.24 0.00	19.97 1.22 0.00
CE_NYC2_DRP 24202	18.86 1.12 0.00	16.67 1.00 0.00	15.81 0.87 0.00	15.38 0.84 0.00	15.93 0.86 0.00	17.45 0.94 0.00	20.62 1.22 0.00	22.50 1.37 0.00	22.89 1.44 0.00	22.60 1.40 0.00	22.01 1.67 -0.02	21.84 1.73 -0.24	21.18 1.64 -0.02	22.19 1.82 -0.17	22.18 1.75 -0.02	22.34 1.69 0.00	23.75 1.90 -0.02	27.35 2.28 -0.34	28.33 2.32 0.00	26.72 2.16 0.00	26.42 2.05 0.00	24.00 1.72 0.00	22.43 1.43 0.00	20.18 1.43 0.00
CE_NYC_DRP 24195	18.79 1.05 0.00	16.62 0.96 0.00	15.76 0.82 0.00	15.32 0.79 0.00	15.88 0.81 0.00	17.44 0.92 0.00	20.61 1.20 0.00	22.50 1.37 0.00	22.89 1.44 0.00	22.60 1.40 0.00	21.95 1.61 -0.02	21.77 1.65 -0.25	21.14 1.60 -0.02	22.10 1.72 -0.17	22.12 1.69 -0.03	22.30 1.65 0.00	23.70 1.86 -0.02	27.29 2.20 -0.35	28.30 2.29 0.00	26.72 2.16 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.39 1.39 0.00	20.12 1.37 0.00
CHAFFEE___LFGE 323603	17.98 0.23 0.00	15.73 0.06 0.00	15.19 0.25 0.00	14.79 0.25 0.00	15.34 0.27 0.00	16.64 0.13 0.00	19.44 0.04 0.00	20.81 -0.32 0.00	21.52 0.06 0.00	21.42 0.21 0.00	20.69 0.37 0.00	20.11 0.24 0.00	19.72 0.20 0.00	20.51 0.30 0.00	20.75 0.35 0.00	21.02 0.37 0.00	22.25 0.41 0.00	24.81 0.07 0.00	25.96 -0.05 0.00	24.41 -0.15 0.00	24.23 -0.15 0.00	22.42 0.13 0.00	21.17 0.17 0.00	18.86 0.11 0.00
CHATEAUG_35_KV_LOAD 355732	18.12 0.37 0.00	15.98 0.31 0.00	15.25 0.31 0.00	14.86 0.32 0.00	15.39 0.32 0.00	16.86 0.35 0.00	19.75 0.35 0.00	21.59 0.46 0.00	21.84 0.39 0.00	21.52 0.32 0.00	20.75 0.43 0.00	20.21 0.34 0.00	19.91 0.39 0.00	20.49 0.28 0.00	20.77 0.37 0.00	21.00 0.35 0.00	22.05 0.22 0.00	25.16 0.42 0.00	26.48 0.47 0.00	24.93 0.37 0.00	24.81 0.44 0.00	22.59 0.31 0.00	21.32 0.32 0.00	18.96 0.21 0.00
CHATEAUG_WT_PWR 323614	18.12 0.37 0.00	15.98 0.31 0.00	15.25 0.31 0.00	14.85 0.31 0.00	15.39 0.32 0.00	16.86 0.35 0.00	19.75 0.35 0.00	21.61 0.49 0.00	21.88 0.43 0.00	21.54 0.34 0.00	20.77 0.45 0.00	20.25 0.38 0.00	19.93 0.41 0.00	20.53 0.32 0.00	20.81 0.41 0.00	21.04 0.39 0.00	22.10 0.26 0.00	25.08 0.35 0.00	26.51 0.49 0.00	24.93 0.37 0.00	24.81 0.44 0.00	22.62 0.33 0.00	21.34 0.34 0.00	18.98 0.23 0.00
CHAT_HIGH_FALL_HYD 323578	18.12 0.37 0.00	15.98 0.31 0.00	15.25 0.31 0.00	14.86 0.32 0.00	15.39 0.32 0.00	16.86 0.35 0.00	19.75 0.35 0.00	21.59 0.46 0.00	21.84 0.39 0.00	21.52 0.32 0.00	20.75 0.43 0.00	20.21 0.34 0.00	19.91 0.39 0.00	20.49 0.28 0.00	20.77 0.37 0.00	21.00 0.35 0.00	22.05 0.22 0.00	25.06 0.32 0.00	26.48 0.47 0.00	24.93 0.37 0.00	24.81 0.44 0.00	22.59 0.31 0.00	21.32 0.32 0.00	18.96 0.21 0.00
CHAUTAUQUA___LFGE 323629	18.37 0.62 0.00	16.09 0.42 0.00	15.49 0.55 0.00	15.08 0.54 0.00	15.66 0.59 0.00	17.02 0.51 0.00	19.94 0.54 0.00	21.34 0.21 0.00	22.01 0.56 0.00	21.88 0.68 0.00	21.20 0.87 0.00	20.55 0.68 0.00	20.07 0.55 0.00	20.93 0.73 0.00	21.15 0.76 0.00	21.43 0.78 0.00	22.66 0.83 0.00	25.16 0.42 0.00	26.35 0.34 0.00	24.80 0.25 0.00	24.64 0.27 0.00	22.80 0.51 0.00	21.53 0.53 0.00	19.18 0.43 0.00
CHERRYST_13_KV_LD 356241	18.85 1.10 0.00	16.65 0.99 0.00	15.79 0.85 0.00	15.37 0.83 0.00	15.91 0.84 0.00	17.47 0.96 0.00	20.66 1.26 0.00	22.56 1.44 0.00	22.95 1.50 0.00	22.67 1.46 0.00	22.03 1.69 -0.02	21.85 1.73 -0.25	21.22 1.68 -0.02	22.18 1.80 -0.17	22.20 1.77 -0.03	22.36 1.71 0.00	23.77 1.92 -0.02	27.37 2.28 -0.35	28.38 2.37 0.00	26.77 2.21 0.00	26.49 2.12 0.00	24.02 1.74 0.00	22.45 1.45 0.00	20.16 1.41 0.00
CHESTROR_138KV_BK263 355645	18.44 0.69 0.00	16.31 0.64 0.00	15.48 0.54 0.00	15.06 0.52 0.00	15.61 0.54 0.00	17.12 0.61 0.00	20.24 0.83 0.00	22.08 0.95 0.00	22.44 0.99 0.00	22.16 0.95 0.00	21.48 1.16 0.00	21.07 1.19 0.00	20.67 1.15 0.00	21.46 1.25 0.00	21.62 1.22 0.00	21.87 1.22 0.00	23.21 1.38 0.00	26.37 1.63 0.00	27.73 1.72 0.00	26.15 1.60 0.00	25.91 1.54 0.00	23.55 1.27 0.00	22.10 1.09 0.00	19.84 1.09 0.00
CH_MIDHUDSON___DRP 24192	18.60 0.85 0.00	16.45 0.78 0.00	15.63 0.69 0.00	15.19 0.65 0.00	15.75 0.68 0.00	17.27 0.76 0.00	20.41 1.01 0.00	22.29 1.16 0.00	22.63 1.18 0.00	22.33 1.12 0.00	21.66 1.34 0.00	21.24 1.37 0.00	20.87 1.35 0.00	21.64 1.43 0.00	21.81 1.41 0.00	22.05 1.40 0.00	23.40 1.57 0.00	26.62 1.88 0.00	27.99 1.98 0.00	26.42 1.87 0.00	26.15 1.78 0.00	23.78 1.49 0.00	22.18 1.18 0.00	19.95 1.20 0.00
CH_MISC_IPPS 23765	18.61 0.87 0.00	16.46 0.80 0.00	15.63 0.69 0.00	15.21 0.67 0.00	15.75 0.68 0.00	17.27 0.76 0.00	20.43 1.03 0.00	22.31 1.18 0.00	22.65 1.20 0.00	22.37 1.17 0.00	21.69 1.36 0.00	21.28 1.41 0.00	20.93 1.41 0.00	21.68 1.47 0.00	21.81 1.41 0.00	22.09 1.44 0.00	23.47 1.64 0.00	26.74 2.00 0.00	28.07 2.05 0.00	26.52 1.97 0.00	26.25 1.88 0.00	23.84 1.56 0.00	22.22 1.22 0.00	20.03 1.28 0.00
CH_RES_BVR_FALLS 23983	17.57 -0.18 0.00	15.51 -0.16 0.00	14.80 -0.13 0.00	14.41 -0.13 0.00	14.93 -0.14 0.00	16.35 -0.17 0.00	19.17 -0.23 0.00	20.91 -0.21 0.00	21.20 -0.26 0.00	20.95 -0.25 0.00	20.10 -0.22 0.00	19.64 -0.24 0.00	19.31 -0.21 0.00	19.94 -0.26 0.00	20.16 -0.24 0.00	20.40 -0.25 0.00	21.51 -0.33 0.00	24.37 -0.37 0.00	25.65 -0.36 0.00	24.21 -0.34 0.00	24.06 -0.32 0.00	21.97 -0.31 0.00	20.73 -0.27 0.00	18.47 -0.28 0.00



CH_RES_NIAGARA 23895	17.27 -0.48 0.00	15.13 -0.53 0.00	14.67 -0.27 0.00	14.28 -0.26 0.00	14.80 -0.27 0.00	16.02 -0.49 0.00	18.67 -0.74 0.00	19.88 -1.25 0.00	20.57 -0.88 0.00	20.42 -0.78 0.00	19.78 -0.55 0.00	19.22 -0.66 0.00	18.84 -0.68 0.00	19.58 -0.63 0.00	19.79 -0.61 0.00	20.05 -0.60 0.00	21.22 -0.61 0.00	23.72 -1.02 0.00	24.90 -1.12 0.00	23.43 -1.13 0.00	23.25 -1.12 0.00	21.55 -0.73 0.00	20.42 -0.59 0.00	18.19 -0.56 0.00
CH_RES_SYRACUSE 23985	17.76 0.02 0.00	15.65 -0.02 0.00	14.94 0.00 0.00	14.54 0.00 0.00	15.08 0.02 0.00	16.54 0.03 0.00	19.46 0.06 0.00	21.13 0.00 0.00	21.49 0.04 0.00	21.31 0.11 0.00	20.26 -0.06 0.00	19.79 -0.08 0.00	19.46 -0.06 0.00	20.13 -0.08 0.00	20.32 -0.08 0.00	20.61 -0.04 0.00	21.81 -0.02 0.00	24.64 -0.10 0.00	25.94 -0.08 0.00	24.46 -0.10 0.00	24.30 -0.07 0.00	22.26 -0.02 0.00	21.02 0.02 0.00	18.75 0.00 0.00
CLINTON_WT_PWR 323605	18.12 0.37 0.00	15.98 0.31 0.00	15.25 0.31 0.00	14.85 0.31 0.00	15.39 0.32 0.00	16.86 0.35 0.00	19.75 0.35 0.00	21.61 0.49 0.00	21.88 0.43 0.00	21.54 0.34 0.00	20.77 0.45 0.00	20.25 0.38 0.00	19.93 0.41 0.00	20.53 0.32 0.00	20.81 0.41 0.00	21.04 0.39 0.00	22.10 0.26 0.00	25.08 0.35 0.00	26.51 0.49 0.00	24.93 0.37 0.00	24.81 0.44 0.00	22.62 0.33 0.00	21.34 0.34 0.00	18.98 0.23 0.00
CLINTON___LFGE 323618	18.33 0.58 0.00	16.16 0.50 0.00	15.43 0.49 0.00	15.02 0.48 0.00	15.57 0.50 0.00	17.07 0.56 0.00	20.00 0.60 0.00	21.87 0.74 0.00	22.14 0.69 0.00	21.78 0.57 0.00	21.01 0.69 0.00	20.47 0.60 0.00	20.19 0.66 0.00	20.75 0.55 0.00	21.05 0.65 0.00	21.29 0.64 0.00	22.36 0.52 0.00	25.40 0.67 0.00	26.87 0.86 0.00	25.27 0.71 0.00	25.15 0.78 0.00	22.88 0.60 0.00	21.57 0.57 0.00	19.18 0.43 0.00
COBBLENY_34_KV_TB1 80064	17.98 0.23 0.00	15.73 0.06 0.00	15.19 0.25 0.00	14.79 0.25 0.00	15.34 0.27 0.00	16.64 0.13 0.00	19.44 0.04 0.00	20.81 -0.32 0.00	21.52 0.06 0.00	21.42 0.21 0.00	20.63 0.30 0.00	20.11 0.24 0.00	19.72 0.20 0.00	20.51 0.30 0.00	20.68 0.29 0.00	21.02 0.37 0.00	22.25 0.41 0.00	24.76 0.02 0.00	25.91 -0.10 0.00	24.41 -0.15 0.00	24.23 -0.15 0.00	22.42 0.13 0.00	21.15 0.15 0.00	18.86 0.11 0.00
COFFEEN___115KV_TB3 355620	18.33 0.59 0.00	16.12 0.45 0.00	15.42 0.48 0.00	15.02 0.48 0.00	15.52 0.45 0.00	17.09 0.58 0.00	20.20 0.80 0.00	21.87 0.74 0.00	21.92 0.47 0.00	21.76 0.55 0.00	20.55 0.22 0.00	20.05 0.18 0.00	19.78 0.25 0.00	20.35 0.14 0.00	20.54 0.14 0.00	20.81 0.17 0.00	22.05 0.22 0.00	25.08 0.35 0.00	26.48 0.47 0.00	25.17 0.61 0.00	25.18 0.80 0.00	23.06 0.78 0.00	21.65 0.65 0.00	19.20 0.45 0.00
COLDSPRG_115KV_BK1 355956	18.46 0.71 0.00	16.16 0.50 0.00	15.54 0.60 0.00	15.12 0.58 0.00	15.70 0.63 0.00	17.11 0.59 0.00	20.08 0.68 0.00	21.46 0.34 0.00	22.14 0.69 0.00	22.03 0.83 0.00	21.28 0.96 0.00	20.59 0.72 0.00	20.11 0.59 0.00	20.99 0.79 0.00	21.19 0.80 0.00	21.50 0.85 0.00	22.73 0.90 0.00	25.33 0.59 0.00	26.51 0.49 0.00	25.00 0.44 0.00	24.86 0.49 0.00	23.00 0.71 0.00	21.63 0.63 0.00	19.33 0.58 0.00
COLONIE_LFGE___ 323577	18.56 0.82 0.00	16.43 0.77 0.00	15.63 0.69 0.00	15.21 0.67 0.00	15.78 0.71 0.00	17.29 0.78 0.00	20.37 0.97 0.00	22.12 0.99 0.00	22.39 0.94 0.00	22.12 0.91 0.00	21.34 1.02 0.00	20.87 0.99 0.00	20.52 1.00 0.00	21.26 1.05 0.00	21.42 1.02 0.00	21.64 0.99 0.00	22.90 1.07 0.00	26.05 1.31 0.00	27.39 1.38 0.00	25.91 1.35 0.00	25.67 1.29 0.00	23.44 1.16 0.00	21.95 0.95 0.00	19.67 0.92 0.00
COOPERNY_115KV_TB1 80082	18.28 0.53 0.00	16.15 0.49 0.00	15.34 0.40 0.00	14.93 0.39 0.00	15.48 0.41 0.00	16.97 0.46 0.00	20.04 0.64 0.00	21.84 0.72 0.00	22.18 0.73 0.00	21.95 0.74 0.00	21.20 0.87 0.00	20.77 0.89 0.00	20.38 0.86 0.00	21.16 0.95 0.00	21.34 0.94 0.00	21.56 0.91 0.00	22.86 1.03 0.00	25.95 1.21 0.00	27.29 1.27 0.00	25.74 1.18 0.00	25.52 1.15 0.00	23.24 0.96 0.00	21.86 0.86 0.00	19.60 0.84 0.00
COPENHAGEN_WT_PWR 323753	18.15 0.41 0.00	15.98 0.31 0.00	15.28 0.34 0.00	14.87 0.33 0.00	15.39 0.32 0.00	16.92 0.41 0.00	19.98 0.58 0.00	21.65 0.53 0.00	21.77 0.32 0.00	21.59 0.38 0.00	20.45 0.12 0.00	19.95 0.08 0.00	19.64 0.12 0.00	20.25 0.04 0.00	20.44 0.04 0.00	20.69 0.04 0.00	21.90 0.07 0.00	24.89 0.15 0.00	26.28 0.26 0.00	24.93 0.37 0.00	24.91 0.54 0.00	22.82 0.53 0.00	21.46 0.46 0.00	19.05 0.30 0.00
CORNELL___ 23752	18.12 0.37 0.00	15.95 0.28 0.00	15.25 0.31 0.00	14.83 0.29 0.00	15.39 0.32 0.00	16.89 0.38 0.00	19.91 0.50 0.00	21.57 0.44 0.00	21.90 0.45 0.00	21.65 0.45 0.00	20.67 0.35 0.00	20.19 0.32 0.00	19.81 0.29 0.00	20.53 0.32 0.00	20.73 0.33 0.00	21.02 0.37 0.00	22.29 0.46 0.00	25.23 0.49 0.00	26.59 0.57 0.00	25.10 0.54 0.00	24.96 0.58 0.00	22.84 0.56 0.00	21.51 0.50 0.00	19.18 0.43 0.00
CORONAAV_69_KV_TB1 355595	22.89 1.33 -3.82	19.78 1.19 -2.92	17.40 1.06 -1.40	17.39 1.02 -1.83	18.27 1.05 -2.15	19.95 1.17 -2.27	25.00 1.51 -4.08	28.98 1.67 -6.18	30.33 1.72 -7.17	29.27 1.70 -6.37	27.47 1.85 -5.30	27.47 1.89 -5.71	27.69 1.84 -6.33	28.09 1.98 -5.91	30.26 1.96 -7.91	30.57 1.90 -8.02	40.82 2.16 -16.82	40.85 2.55 -13.57	28.75 2.73 0.00	27.16 2.60 0.00	26.88 2.51 0.00	25.75 2.07 -1.39	22.85 1.85 0.00	20.51 1.76 0.00
CORTLAND_115KV_TB3 80093	17.99 0.25 0.00	15.85 0.19 0.00	15.15 0.21 0.00	14.73 0.19 0.00	15.28 0.21 0.00	16.76 0.25 0.00	19.75 0.35 0.00	21.40 0.27 0.00	21.77 0.32 0.00	21.56 0.36 0.00	20.59 0.26 0.00	20.13 0.26 0.00	19.76 0.23 0.00	20.47 0.26 0.00	20.64 0.24 0.00	20.94 0.29 0.00	22.18 0.35 0.00	25.08 0.35 0.00	26.41 0.39 0.00	24.90 0.34 0.00	24.74 0.37 0.00	22.66 0.38 0.00	21.34 0.34 0.00	19.03 0.28 0.00
COXSACKIE___GT 23611	18.67 0.92 0.00	16.54 0.88 0.00	15.75 0.81 0.00	15.31 0.77 0.00	15.87 0.80 0.00	17.37 0.86 0.00	20.45 1.05 0.00	22.22 1.10 0.00	22.46 1.01 0.00	22.03 0.83 0.00	21.36 1.04 0.00	20.91 1.03 0.00	20.56 1.03 0.00	21.20 0.99 0.00	21.36 0.96 0.00	21.66 1.01 0.00	22.92 1.09 0.00	26.17 1.43 0.00	27.55 1.53 0.00	26.13 1.57 0.00	25.91 1.54 0.00	23.57 1.29 0.00	21.99 0.99 0.00	19.82 1.07 0.00
CPV_VALLEY___CC1 323721	18.33 0.58 0.00	16.21 0.55 0.00	15.39 0.45 0.00	14.98 0.44 0.00	15.52 0.45 0.00	17.02 0.51 0.00	20.10 0.70 0.00	21.93 0.80 0.00	22.27 0.81 0.00	22.03 0.83 0.00	21.30 0.98 0.00	20.89 1.01 0.00	20.52 1.00 0.00	21.30 1.09 0.00	21.44 1.04 0.00	21.68 1.03 0.00	23.01 1.18 0.00	26.15 1.41 0.00	27.44 1.43 0.00	25.91 1.35 0.00	25.67 1.29 0.00	23.37 1.09 0.00	21.99 0.99 0.00	19.74 0.99 0.00



CPV_VALLEY___CC2 323722	18.33 0.58 0.00	16.21 0.55 0.00	15.39 0.45 0.00	14.98 0.44 0.00	15.52 0.45 0.00	17.02 0.51 0.00	20.10 0.70 0.00	21.93 0.80 0.00	22.27 0.81 0.00	22.03 0.83 0.00	21.30 0.98 0.00	20.89 1.01 0.00	20.52 1.00 0.00	21.30 1.09 0.00	21.44 1.04 0.00	21.68 1.03 0.00	23.01 1.18 0.00	26.15 1.41 0.00	27.44 1.43 0.00	25.91 1.35 0.00	25.67 1.29 0.00	23.37 1.09 0.00	21.99 0.99 0.00	19.74 0.99 0.00
CRESCENT___HYD 24018	18.56 0.82 0.00	16.43 0.77 0.00	15.63 0.69 0.00	15.21 0.67 0.00	15.78 0.71 0.00	17.29 0.78 0.00	20.37 0.97 0.00	22.12 0.99 0.00	22.39 0.94 0.00	22.12 0.91 0.00	21.34 1.02 0.00	20.87 0.99 0.00	20.52 1.00 0.00	21.26 1.05 0.00	21.42 1.02 0.00	21.64 0.99 0.00	22.90 1.07 0.00	26.05 1.31 0.00	27.39 1.38 0.00	25.91 1.35 0.00	25.67 1.29 0.00	23.44 1.16 0.00	21.95 0.95 0.00	19.67 0.92 0.00
CRICKET___VALLEY_CC1 323756	18.51 0.76 0.00	16.38 0.72 0.00	15.55 0.61 0.00	15.14 0.60 0.00	15.69 0.62 0.00	17.21 0.69 0.00	20.31 0.91 0.00	22.14 1.01 0.00	22.46 1.01 0.00	22.18 0.98 0.00	21.46 1.14 0.00	21.07 1.19 0.00	20.67 1.15 0.00	21.48 1.27 0.00	21.60 1.20 0.00	21.82 1.18 0.00	23.14 1.31 0.00	26.32 1.58 0.00	27.63 1.61 0.00	26.13 1.57 0.00	25.84 1.46 0.00	23.53 1.25 0.00	21.97 0.97 0.00	19.78 1.03 0.00
CRICKET___VALLEY_CC2 323757	18.51 0.76 0.00	16.38 0.72 0.00	15.55 0.61 0.00	15.14 0.60 0.00	15.69 0.62 0.00	17.21 0.69 0.00	20.31 0.91 0.00	22.14 1.01 0.00	22.46 1.01 0.00	22.18 0.98 0.00	21.46 1.14 0.00	21.07 1.19 0.00	20.67 1.15 0.00	21.48 1.27 0.00	21.60 1.20 0.00	21.82 1.18 0.00	23.14 1.31 0.00	26.32 1.58 0.00	27.63 1.61 0.00	26.13 1.57 0.00	25.84 1.46 0.00	23.53 1.25 0.00	21.97 0.97 0.00	19.78 1.03 0.00
CRICKET___VALLEY_CC3 323758	18.51 0.76 0.00	16.38 0.72 0.00	15.55 0.61 0.00	15.14 0.60 0.00	15.69 0.62 0.00	17.21 0.69 0.00	20.31 0.91 0.00	22.14 1.01 0.00	22.46 1.01 0.00	22.18 0.98 0.00	21.46 1.14 0.00	21.07 1.19 0.00	20.67 1.15 0.00	21.48 1.27 0.00	21.60 1.20 0.00	21.82 1.18 0.00	23.14 1.31 0.00	26.32 1.58 0.00	27.63 1.61 0.00	26.13 1.57 0.00	25.84 1.46 0.00	23.53 1.25 0.00	21.97 0.97 0.00	19.78 1.03 0.00
CRUCIBLE_METL_DRP 24180	17.76 0.02 0.00	15.65 -0.02 0.00	14.94 0.00 0.00	14.54 0.00 0.00	15.08 0.02 0.00	16.54 0.03 0.00	19.46 0.06 0.00	21.13 0.00 0.00	21.49 0.04 0.00	21.31 0.11 0.00	20.24 -0.08 0.00	19.79 -0.08 0.00	19.46 -0.06 0.00	20.13 -0.08 0.00	20.32 -0.08 0.00	20.61 -0.04 0.00	21.81 -0.02 0.00	24.64 -0.10 0.00	25.91 -0.10 0.00	24.46 -0.10 0.00	24.30 -0.07 0.00	22.26 -0.02 0.00	21.02 0.02 0.00	18.75 0.00 0.00
DAHOWA___HYDRO 323763	18.95 1.21 0.00	16.74 1.08 0.00	15.92 0.99 0.00	15.50 0.96 0.00	16.06 0.99 0.00	17.64 1.12 0.00	20.86 1.46 0.00	22.58 1.46 0.00	22.87 1.42 0.00	22.52 1.32 0.00	21.71 1.38 0.00	21.15 1.27 0.00	20.75 1.23 0.00	21.48 1.27 0.00	21.62 1.22 0.00	21.89 1.24 0.00	23.16 1.33 0.00	26.44 1.71 0.00	27.84 1.82 0.00	26.37 1.82 0.00	26.18 1.80 0.00	23.95 1.67 0.00	22.43 1.43 0.00	20.06 1.31 0.00
DANC___LFGE 323619	17.92 0.18 0.00	15.77 0.11 0.00	15.07 0.13 0.00	14.67 0.13 0.00	15.19 0.12 0.00	16.69 0.18 0.00	19.67 0.27 0.00	21.36 0.23 0.00	21.56 0.11 0.00	21.35 0.15 0.00	20.24 -0.08 0.00	19.77 -0.10 0.00	19.44 -0.08 0.00	20.09 -0.12 0.00	20.26 -0.14 0.00	20.51 -0.14 0.00	21.72 -0.11 0.00	24.64 -0.10 0.00	25.96 -0.05 0.00	24.61 0.05 0.00	24.52 0.15 0.00	22.48 0.20 0.00	21.19 0.19 0.00	18.85 0.09 0.00
DANSKAMMER___1 23586	18.61 0.87 0.00	16.46 0.80 0.00	15.63 0.69 0.00	15.21 0.67 0.00	15.75 0.68 0.00	17.27 0.76 0.00	20.43 1.03 0.00	22.31 1.18 0.00	22.65 1.20 0.00	22.37 1.17 0.00	21.69 1.36 0.00	21.28 1.41 0.00	20.93 1.41 0.00	21.68 1.47 0.00	21.81 1.41 0.00	22.09 1.44 0.00	23.47 1.64 0.00	26.74 2.00 0.00	28.07 2.05 0.00	26.52 1.97 0.00	26.25 1.88 0.00	23.84 1.56 0.00	22.22 1.22 0.00	20.03 1.28 0.00
DANSKAMMER___2 23589	18.61 0.87 0.00	16.46 0.80 0.00	15.63 0.69 0.00	15.21 0.67 0.00	15.75 0.68 0.00	17.27 0.76 0.00	20.43 1.03 0.00	22.31 1.18 0.00	22.65 1.20 0.00	22.37 1.17 0.00	21.69 1.36 0.00	21.28 1.41 0.00	20.93 1.41 0.00	21.68 1.47 0.00	21.81 1.41 0.00	22.09 1.44 0.00	23.47 1.64 0.00	26.74 2.00 0.00	28.07 2.05 0.00	26.52 1.97 0.00	26.25 1.88 0.00	23.84 1.56 0.00	22.22 1.22 0.00	20.03 1.28 0.00
DANSKAMMER___3 23590	18.61 0.87 0.00	16.46 0.80 0.00	15.63 0.69 0.00	15.21 0.67 0.00	15.75 0.68 0.00	17.27 0.76 0.00	20.43 1.03 0.00	22.31 1.18 0.00	22.65 1.20 0.00	22.37 1.17 0.00	21.69 1.36 0.00	21.28 1.41 0.00	20.93 1.41 0.00	21.68 1.47 0.00	21.81 1.41 0.00	22.09 1.44 0.00	23.47 1.64 0.00	26.74 2.00 0.00	28.07 2.05 0.00	26.52 1.97 0.00	26.25 1.88 0.00	23.84 1.56 0.00	22.22 1.22 0.00	20.03 1.28 0.00
DANSKAMMER___4 23591	18.61 0.87 0.00	16.46 0.80 0.00	15.63 0.69 0.00	15.21 0.67 0.00	15.75 0.68 0.00	17.27 0.76 0.00	20.43 1.03 0.00	22.31 1.18 0.00	22.65 1.20 0.00	22.37 1.17 0.00	21.69 1.36 0.00	21.28 1.41 0.00	20.93 1.41 0.00	21.68 1.47 0.00	21.81 1.41 0.00	22.09 1.44 0.00	23.47 1.64 0.00	26.74 2.00 0.00	28.07 2.05 0.00	26.52 1.97 0.00	26.25 1.88 0.00	23.84 1.56 0.00	22.22 1.22 0.00	20.03 1.28 0.00
DANSKAMMER___DIESEL 23592	18.61 0.87 0.00	16.46 0.80 0.00	15.63 0.69 0.00	15.21 0.67 0.00	15.75 0.68 0.00	17.27 0.76 0.00	20.43 1.03 0.00	22.31 1.18 0.00	22.65 1.20 0.00	22.37 1.17 0.00	21.71 1.38 0.00	21.30 1.43 0.00	20.93 1.41 0.00	21.68 1.48 0.00	21.83 1.43 0.00	22.11 1.47 0.00	23.47 1.64 0.00	26.72 1.98 0.00	28.10 2.08 0.00	26.52 1.96 0.00	26.25 1.88 0.00	23.84 1.56 0.00	22.22 1.22 0.00	20.03 1.28 0.00
DARBY___SOLAR 323810	18.86 1.12 0.00	16.68 1.02 0.00	15.85 0.91 0.00	15.43 0.89 0.00	16.00 0.93 0.00	17.55 1.04 0.00	20.74 1.34 0.00	22.50 1.37 0.00	22.78 1.33 0.00	22.43 1.23 0.00	21.64 1.32 0.00	21.11 1.23 0.00	20.71 1.19 0.00	21.46 1.25 0.00	21.60 1.20 0.00	21.87 1.22 0.00	23.12 1.29 0.00	26.39 1.66 0.00	27.76 1.74 0.00	26.28 1.72 0.00	26.08 1.71 0.00	23.86 1.58 0.00	22.35 1.35 0.00	19.99 1.24 0.00
DASHVILLE___HYD 23610	18.40 0.66 0.00	16.27 0.61 0.00	15.45 0.51 0.00	15.03 0.49 0.00	15.57 0.50 0.00	17.06 0.54 0.00	20.18 0.78 0.00	21.99 0.87 0.00	22.33 0.88 0.00	22.07 0.87 0.00	21.38 1.06 0.00	21.01 1.13 0.00	20.65 1.13 0.00	21.38 1.17 0.00	21.54 1.14 0.00	21.83 1.18 0.00	23.19 1.35 0.00	26.39 1.66 0.00	27.73 1.72 0.00	26.15 1.60 0.00	25.91 1.54 0.00	23.53 1.25 0.00	21.95 0.95 0.00	19.78 1.03 0.00



DEERFIELD_69_KV_DEERFIELD LD 355887	23.11 1.54 -3.82	20.08 1.49 -2.92	17.71 1.37 -1.40	17.71 1.34 -1.83	18.60 1.39 -2.15	20.28 1.50 -2.27	25.31 1.82 -4.08	29.46 2.15 -6.18	30.91 2.30 -7.17	29.61 2.04 -6.37	27.96 2.34 -5.30	27.91 2.33 -5.71	27.95 2.09 -6.33	28.58 2.47 -5.91	30.75 2.45 -7.91	31.06 2.40 -8.02	41.43 2.77 -16.82	41.54 3.24 -13.57	29.79 3.77 0.00	28.04 3.49 0.00	27.79 3.41 0.00	26.50 2.83 -1.39	23.54 2.54 0.00	21.04 2.29 0.00
DELAWARE___LFGE 323621	18.26 0.51 0.00	16.10 0.44 0.00	15.34 0.40 0.00	14.93 0.39 0.00	15.48 0.41 0.00	16.99 0.48 0.00	20.04 0.64 0.00	21.80 0.68 0.00	22.14 0.69 0.00	21.88 0.68 0.00	21.03 0.71 0.00	20.59 0.72 0.00	20.22 0.70 0.00	20.93 0.73 0.00	21.13 0.73 0.00	21.39 0.74 0.00	22.66 0.83 0.00	25.70 0.96 0.00	27.03 1.01 0.00	25.52 0.96 0.00	25.35 0.97 0.00	23.13 0.85 0.00	21.74 0.74 0.00	19.43 0.68 0.00
DERFIELD_115KV_TB7 355931	17.82 0.07 0.00	15.73 0.06 0.00	15.00 0.06 0.00	14.60 0.06 0.00	15.12 0.05 0.00	16.58 0.07 0.00	19.50 0.10 0.00	21.21 0.08 0.00	21.52 0.06 0.00	21.29 0.08 0.00	20.38 0.06 0.00	19.93 0.06 0.00	19.60 0.08 0.00	20.27 0.06 0.00	20.46 0.06 0.00	20.71 0.06 0.00	21.92 0.09 0.00	24.84 0.10 0.00	26.12 0.10 0.00	24.66 0.10 0.00	24.47 0.10 0.00	22.37 0.09 0.00	21.09 0.08 0.00	18.83 0.08 0.00
DOGLEVILLE___HYD 23807	17.96 0.21 0.00	15.84 0.17 0.00	15.12 0.18 0.00	14.70 0.16 0.00	15.24 0.17 0.00	16.73 0.21 0.00	19.69 0.29 0.00	21.28 0.15 0.00	21.58 0.13 0.00	21.46 0.26 0.00	20.43 0.10 0.00	19.97 0.10 0.00	19.72 0.20 0.00	20.29 0.08 0.00	20.48 0.08 0.00	20.73 0.08 0.00	21.90 0.07 0.00	24.81 0.07 0.00	26.12 0.10 0.00	24.68 0.12 0.00	24.50 0.12 0.00	22.42 0.13 0.00	21.09 0.08 0.00	18.85 0.09 0.00
DUNKIRK___115KV_TB_200 55889	18.31 0.57 0.00	16.06 0.39 0.00	15.46 0.52 0.00	15.05 0.51 0.00	15.63 0.56 0.00	16.99 0.48 0.00	19.91 0.50 0.00	21.27 0.15 0.00	21.97 0.51 0.00	21.84 0.64 0.00	21.10 0.77 0.00	20.51 0.64 0.00	20.01 0.49 0.00	20.89 0.69 0.00	21.07 0.67 0.00	21.39 0.74 0.00	22.62 0.79 0.00	25.08 0.35 0.00	26.28 0.26 0.00	24.75 0.20 0.00	24.59 0.22 0.00	22.73 0.45 0.00	21.47 0.46 0.00	19.15 0.39 0.00
DUNKIRK___1 23563	18.31 0.57 0.00	16.06 0.39 0.00	15.46 0.52 0.00	15.05 0.51 0.00	15.63 0.56 0.00	16.99 0.48 0.00	19.91 0.50 0.00	21.27 0.15 0.00	21.97 0.51 0.00	21.84 0.64 0.00	21.10 0.77 0.00	20.51 0.64 0.00	20.01 0.49 0.00	20.89 0.69 0.00	21.07 0.67 0.00	21.39 0.74 0.00	22.62 0.79 0.00	25.08 0.35 0.00	26.28 0.26 0.00	24.75 0.20 0.00	24.59 0.22 0.00	22.73 0.45 0.00	21.47 0.46 0.00	19.15 0.39 0.00
DUNKIRK___2 23564	18.31 0.57 0.00	16.06 0.39 0.00	15.46 0.52 0.00	15.05 0.51 0.00	15.63 0.56 0.00	16.99 0.48 0.00	19.91 0.50 0.00	21.27 0.15 0.00	21.97 0.51 0.00	21.84 0.64 0.00	21.10 0.77 0.00	20.51 0.64 0.00	20.01 0.49 0.00	20.89 0.69 0.00	21.07 0.67 0.00	21.39 0.74 0.00	22.62 0.79 0.00	25.08 0.35 0.00	26.28 0.26 0.00	24.75 0.20 0.00	24.59 0.22 0.00	22.73 0.45 0.00	21.47 0.46 0.00	19.15 0.39 0.00
DUNKIRK___3 23565	18.17 0.43 0.00	15.91 0.25 0.00	15.34 0.40 0.00	14.93 0.39 0.00	15.49 0.42 0.00	16.84 0.33 0.00	19.71 0.31 0.00	21.08 -0.04 0.00	21.75 0.30 0.00	21.63 0.42 0.00	20.89 0.57 0.00	20.33 0.46 0.00	19.85 0.33 0.00	20.71 0.51 0.00	20.91 0.51 0.00	21.21 0.56 0.00	22.44 0.61 0.00	24.91 0.17 0.00	26.09 0.08 0.00	24.56 0.00 0.00	24.40 0.02 0.00	22.55 0.27 0.00	21.30 0.29 0.00	19.00 0.24 0.00
DUNKIRK___4 23566	18.17 0.43 0.00	15.91 0.25 0.00	15.34 0.40 0.00	14.93 0.39 0.00	15.49 0.42 0.00	16.84 0.33 0.00	19.71 0.31 0.00	21.08 -0.04 0.00	21.75 0.30 0.00	21.63 0.42 0.00	20.89 0.57 0.00	20.33 0.46 0.00	19.85 0.33 0.00	20.71 0.51 0.00	20.91 0.51 0.00	21.21 0.56 0.00	22.44 0.61 0.00	24.91 0.17 0.00	26.09 0.08 0.00	24.56 0.00 0.00	24.40 0.02 0.00	22.55 0.27 0.00	21.30 0.29 0.00	19.00 0.24 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	18.70 0.96 0.00	16.54 0.88 0.00	15.69 0.75 0.00	15.27 0.73 0.00	15.81 0.74 0.00	17.35 0.84 0.00	20.53 1.13 0.00	22.41 1.29 0.00	22.78 1.33 0.00	22.52 1.31 0.00	21.87 1.54 0.00	21.44 1.57 0.00	21.04 1.52 0.00	21.86 1.66 0.00	22.03 1.63 0.00	22.22 1.57 0.00	23.60 1.77 0.00	26.84 2.10 0.00	28.20 2.19 0.00	26.62 2.06 0.00	26.35 1.97 0.00	23.93 1.65 0.00	22.35 1.34 0.00	20.05 1.29 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	18.51 0.76 0.00	16.37 0.70 0.00	15.54 0.60 0.00	15.12 0.58 0.00	15.66 0.59 0.00	17.17 0.66 0.00	20.31 0.91 0.00	22.16 1.04 0.00	22.52 1.07 0.00	22.24 1.04 0.00	21.56 1.24 0.00	21.17 1.29 0.00	20.77 1.25 0.00	21.54 1.33 0.00	21.70 1.31 0.00	21.97 1.32 0.00	23.32 1.48 0.00	26.52 1.78 0.00	27.89 1.87 0.00	26.30 1.74 0.00	26.06 1.68 0.00	23.66 1.38 0.00	22.14 1.13 0.00	19.91 1.16 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	18.94 1.19 -0.01	16.74 1.08 0.00	15.88 0.94 0.00	15.46 0.92 -0.01	16.00 0.92 -0.01	17.50 0.99 0.00	20.62 1.22 0.00	22.41 1.29 0.00	22.78 1.33 0.00	22.52 1.31 0.00	21.90 1.56 -0.02	21.51 1.63 -0.01	21.10 1.56 -0.02	21.93 1.72 -0.01	22.08 1.67 -0.01	22.24 1.59 0.00	23.64 1.79 -0.02	26.90 2.15 -0.01	28.20 2.19 0.00	26.60 2.04 0.00	26.32 1.95 0.00	23.91 1.63 0.00	22.41 1.41 0.00	20.23 1.48 0.00
E179THST_13_KV_LOAD 356214	19.03 1.28 -0.01	16.81 1.14 0.00	15.94 1.00 0.00	15.52 0.97 -0.01	16.06 0.98 -0.01	17.57 1.06 0.00	20.70 1.30 0.00	22.52 1.39 0.00	22.89 1.44 0.00	22.60 1.40 0.00	22.01 1.67 -0.02	21.63 1.75 -0.01	21.20 1.66 -0.02	22.03 1.82 -0.01	22.18 1.77 -0.01	22.34 1.69 0.00	23.77 1.92 -0.02	27.05 2.30 -0.01	28.33 2.32 0.00	26.72 2.16 0.00	26.45 2.07 0.00	24.02 1.74 0.00	22.49 1.49 0.00	20.33 1.58 0.00
EAST HAMPTON___GT 23717	23.34 1.77 -3.82	20.26 1.68 -2.92	17.91 1.57 -1.40	17.89 1.53 -1.83	18.80 1.58 -2.15	20.48 1.70 -2.27	25.56 2.08 -4.08	29.80 2.49 -6.18	31.28 2.66 -7.17	29.92 2.35 -6.37	28.26 2.64 -5.30	28.22 2.64 -5.71	28.20 2.34 -6.33	28.90 2.79 -5.91	31.06 2.75 -7.91	31.39 2.73 -8.02	41.76 3.10 -16.82	41.94 3.64 -13.57	30.27 4.24 -0.01	28.47 3.91 -0.01	28.21 3.83 -0.01	26.88 3.21 -1.39	23.91 2.90 -0.01	21.35 2.59 -0.01
EAST RIVER___6 23660	18.83 1.08 0.00	16.64 0.97 0.00	15.77 0.84 0.00	15.35 0.81 0.00	15.90 0.83 0.00	17.45 0.94 0.00	20.57 1.16 0.00	22.44 1.31 0.00	22.80 1.35 0.00	22.50 1.29 0.00	21.87 1.53 -0.02	21.73 1.61 -0.25	21.08 1.54 -0.02	22.04 1.66 -0.17	22.04 1.61 -0.03	22.22 1.57 0.00	23.64 1.79 -0.02	27.24 2.15 -0.35	28.23 2.21 0.00	26.64 2.09 0.00	26.37 2.00 0.00	23.93 1.65 0.00	22.35 1.35 0.00	20.10 1.35 0.00



EAST_RIVER___7 23524	18.83 1.08 0.00	16.64 0.97 0.00	15.77 0.84 0.00	15.35 0.81 0.00	15.90 0.83 0.00	17.45 0.94 0.00	20.57 1.16 0.00	22.44 1.31 0.00	22.80 1.35 0.00	22.50 1.29 0.00	21.87 1.53 -0.02	21.73 1.61 -0.25	21.08 1.54 -0.02	22.04 1.66 -0.17	22.04 1.61 -0.03	22.22 1.57 0.00	23.64 1.79 -0.02	27.24 2.15 -0.35	28.23 2.21 0.00	26.64 2.09 0.00	26.37 2.00 0.00	23.93 1.65 0.00	22.35 1.35 0.00	20.10 1.35 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.67 0.92 0.00	16.51 0.85 0.00	15.67 0.73 0.00	15.24 0.70 0.00	15.79 0.72 0.00	17.32 0.81 0.00	20.49 1.09 0.00	22.37 1.25 0.00	22.74 1.29 0.00	22.46 1.25 0.00	21.81 1.48 0.00	21.38 1.51 0.00	20.99 1.46 0.00	21.80 1.60 0.00	21.97 1.57 0.00	22.16 1.51 0.00	23.54 1.70 0.00	26.76 2.03 0.00	28.12 2.11 0.00	26.55 1.99 0.00	26.28 1.90 0.00	23.86 1.58 0.00	22.28 1.28 0.00	20.03 1.28 0.00
EAST_HAMPTON___DIESEL 23722	23.34 1.77 -3.82	20.26 1.68 -2.92	17.91 1.57 -1.40	17.89 1.53 -1.83	18.80 1.58 -2.15	20.50 1.72 -2.27	25.56 2.08 -4.08	29.80 2.49 -6.18	31.28 2.66 -7.17	29.92 2.35 -6.37	28.28 2.66 -5.30	28.22 2.64 -5.71	28.20 2.34 -6.33	28.90 2.79 -5.91	31.06 2.75 -7.91	31.39 2.73 -8.02	41.76 3.10 -16.82	41.96 3.66 -13.57	30.27 4.24 -0.01	28.49 3.93 -0.01	28.21 3.83 -0.01	26.88 3.21 -1.39	23.91 2.90 -0.01	21.35 2.59 -0.01
EAST_PULASKI___ESR 323781	17.71 -0.04 0.00	15.59 -0.08 0.00	14.89 -0.04 0.00	14.50 -0.04 0.00	15.02 -0.05 0.00	16.50 -0.02 0.00	19.42 0.02 0.00	21.06 -0.06 0.00	21.37 -0.09 0.00	21.16 -0.04 0.00	20.08 -0.24 0.00	19.62 -0.26 0.00	19.29 -0.23 0.00	19.94 -0.26 0.00	20.09 -0.31 0.00	20.36 -0.29 0.00	21.57 -0.26 0.00	24.41 -0.32 0.00	25.70 -0.31 0.00	24.29 -0.27 0.00	24.16 -0.22 0.00	22.17 -0.11 0.00	20.94 -0.06 0.00	18.66 -0.09 0.00
EAST_RIVER___1 323558	18.79 1.05 0.00	16.62 0.96 0.00	15.76 0.82 0.00	15.32 0.78 0.00	15.88 0.81 0.00	17.44 0.92 0.00	20.61 1.20 0.00	22.50 1.37 0.00	22.89 1.44 0.00	22.60 1.40 0.00	21.93 1.59 -0.02	21.77 1.65 -0.25	21.14 1.60 -0.02	22.09 1.72 -0.17	22.10 1.67 -0.03	22.30 1.65 0.00	23.70 1.85 -0.02	27.32 2.23 -0.35	28.30 2.29 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.39 1.39 0.00	20.12 1.37 0.00
EAST_RIVER___2 323559	18.83 1.08 0.00	16.64 0.97 0.00	15.77 0.84 0.00	15.35 0.81 0.00	15.90 0.83 0.00	17.45 0.94 0.00	20.57 1.16 0.00	22.44 1.31 0.00	22.80 1.35 0.00	22.50 1.29 0.00	21.87 1.53 -0.02	21.73 1.61 -0.25	21.08 1.54 -0.02	22.04 1.66 -0.17	22.04 1.61 -0.03	22.22 1.57 0.00	23.64 1.79 -0.02	27.24 2.15 -0.35	28.23 2.21 0.00	26.64 2.09 0.00	26.37 2.00 0.00	23.93 1.65 0.00	22.35 1.35 0.00	20.10 1.35 0.00
EAST___DELAWARE_HYD 23607	18.01 0.27 0.00	15.91 0.25 0.00	15.10 0.16 0.00	14.70 0.16 0.00	15.22 0.15 0.00	16.71 0.20 0.00	19.79 0.39 0.00	21.80 0.68 0.00	22.12 0.67 0.00	21.67 0.47 0.00	21.12 0.79 0.00	20.75 0.87 0.00	20.26 0.74 0.00	21.12 0.91 0.00	21.28 0.88 0.00	21.56 0.91 0.00	22.92 1.09 0.00	26.12 1.38 0.00	27.47 1.46 0.00	25.93 1.37 0.00	25.69 1.32 0.00	23.31 1.03 0.00	21.76 0.76 0.00	19.58 0.82 0.00
EIGHT_POINT___WT_PWR 323820	18.24 0.50 0.00	15.99 0.33 0.00	15.39 0.45 0.00	14.98 0.44 0.00	15.55 0.48 0.00	16.97 0.46 0.00	19.93 0.52 0.00	21.36 0.23 0.00	21.90 0.45 0.00	21.75 0.55 0.00	20.93 0.61 0.00	20.39 0.52 0.00	19.97 0.45 0.00	20.75 0.55 0.00	20.95 0.55 0.00	21.23 0.58 0.00	22.49 0.65 0.00	25.28 0.54 0.00	26.59 0.57 0.00	25.02 0.47 0.00	24.89 0.51 0.00	22.91 0.62 0.00	21.63 0.63 0.00	19.26 0.51 0.00
ELBRIDGE_115KV_TB2 80188	17.69 -0.05 0.00	15.59 -0.08 0.00	14.89 -0.04 0.00	14.50 -0.04 0.00	15.04 -0.03 0.00	16.48 -0.03 0.00	19.38 -0.02 0.00	21.08 -0.04 0.00	21.45 0.00 0.00	21.23 0.02 0.00	20.22 -0.10 0.00	19.77 -0.10 0.00	19.39 -0.14 0.00	20.08 -0.12 0.00	20.28 -0.12 0.00	20.57 -0.08 0.00	21.77 -0.07 0.00	24.59 -0.15 0.00	25.88 -0.13 0.00	24.41 -0.15 0.00	24.25 -0.12 0.00	22.22 -0.07 0.00	20.98 -0.02 0.00	18.73 -0.02 0.00
ELEC_TRO_TEK 24086	22.77 1.21 -3.82	19.68 1.10 -2.92	17.31 0.97 -1.40	17.31 0.95 -1.83	18.18 0.96 -2.15	19.85 1.07 -2.27	24.88 1.40 -4.08	28.93 1.63 -6.18	30.31 1.69 -7.17	29.14 1.57 -6.37	27.43 1.81 -5.30	27.41 1.83 -5.71	27.56 1.70 -6.33	28.01 1.90 -5.91	30.18 1.88 -7.91	30.48 1.82 -8.02	40.71 2.05 -16.82	40.70 2.40 -13.57	28.59 2.58 0.00	26.99 2.43 0.00	26.74 2.36 0.00	25.61 1.94 -1.39	22.77 1.76 0.00	20.46 1.71 0.00
ELLENBURG_WT_PWR 323604	18.12 0.37 0.00	15.98 0.31 0.00	15.25 0.31 0.00	14.85 0.31 0.00	15.39 0.32 0.00	16.86 0.35 0.00	19.75 0.35 0.00	21.61 0.49 0.00	21.88 0.43 0.00	21.54 0.34 0.00	20.77 0.45 0.00	20.25 0.38 0.00	19.93 0.41 0.00	20.53 0.32 0.00	20.81 0.41 0.00	21.04 0.39 0.00	22.10 0.26 0.00	25.08 0.35 0.00	26.51 0.49 0.00	24.93 0.37 0.00	24.81 0.44 0.00	22.62 0.33 0.00	21.34 0.34 0.00	18.98 0.23 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.80 0.05 0.00	15.59 -0.08 0.00	15.07 0.13 0.00	14.67 0.13 0.00	15.22 0.15 0.00	16.50 -0.02 0.00	19.25 -0.16 0.00	20.53 -0.59 0.00	21.24 -0.21 0.00	21.10 -0.11 0.00	20.34 0.02 0.00	19.83 -0.04 0.00	19.44 -0.08 0.00	20.21 0.00 0.00	20.38 -0.02 0.00	20.71 0.06 0.00	21.92 0.09 0.00	24.51 -0.22 0.00	25.68 -0.34 0.00	24.19 -0.37 0.00	24.01 -0.37 0.00	22.22 -0.07 0.00	21.00 0.00 0.00	18.73 -0.02 0.00
EMPIRE_CC_1 323656	18.33 0.58 0.00	16.24 0.58 0.00	15.45 0.51 0.00	15.03 0.49 0.00	15.58 0.51 0.00	17.07 0.56 0.00	20.08 0.68 0.00	21.76 0.63 0.00	22.03 0.58 0.00	21.78 0.57 0.00	21.03 0.71 0.00	20.61 0.74 0.00	20.26 0.74 0.00	20.99 0.79 0.00	21.15 0.76 0.00	21.35 0.70 0.00	22.55 0.72 0.00	25.65 0.92 0.00	26.95 0.94 0.00	25.51 0.96 0.00	25.25 0.88 0.00	23.04 0.76 0.00	21.61 0.61 0.00	19.41 0.66 0.00
EMPIRE_CC_2 323658	18.33 0.58 0.00	16.24 0.58 0.00	15.45 0.51 0.00	15.03 0.49 0.00	15.58 0.51 0.00	17.07 0.56 0.00	20.08 0.68 0.00	21.76 0.63 0.00	22.03 0.58 0.00	21.78 0.57 0.00	21.03 0.71 0.00	20.61 0.74 0.00	20.26 0.74 0.00	20.99 0.79 0.00	21.15 0.76 0.00	21.35 0.70 0.00	22.55 0.72 0.00	25.65 0.92 0.00	26.95 0.94 0.00	25.51 0.96 0.00	25.25 0.88 0.00	23.04 0.76 0.00	21.61 0.61 0.00	19.41 0.66 0.00
ENORWICH_115KV_TB1 80156	18.77 1.03 0.00	16.51 0.85 0.00	15.81 0.87 0.00	15.38 0.84 0.00	15.93 0.86 0.00	17.55 1.04 0.00	20.80 1.40 0.00	22.50 1.37 0.00	22.61 1.16 0.00	22.39 1.19 0.00	21.28 0.96 0.00	20.79 0.91 0.00	20.46 0.94 0.00	21.08 0.87 0.00	21.28 0.88 0.00	21.70 1.05 0.00	22.99 1.16 0.00	26.07 1.34 0.00	27.60 1.59 0.00	26.13 1.57 0.00	26.08 1.71 0.00	23.84 1.56 0.00	22.37 1.37 0.00	19.88 1.13 0.00



ERIE_ST__34_KV_TB1-2 80199	17.94 0.20 0.00	15.71 0.05 0.00	15.16 0.22 0.00	14.76 0.22 0.00	15.30 0.23 0.00	16.61 0.10 0.00	19.42 0.02 0.00	20.72 -0.40 0.00	21.43 -0.02 0.00	21.29 0.08 0.00	20.57 0.24 0.00	20.03 0.16 0.00	19.60 0.08 0.00	20.43 0.22 0.00	20.62 0.22 0.00	20.96 0.31 0.00	22.18 0.35 0.00	24.81 0.07 0.00	25.99 -0.03 0.00	24.46 -0.10 0.00	24.25 -0.12 0.00	22.39 0.11 0.00	21.15 0.15 0.00	18.86 0.11 0.00
ERIE_WT_PWR 323693	17.90 0.16 0.00	15.68 0.02 0.00	15.15 0.21 0.00	14.74 0.20 0.00	15.30 0.23 0.00	16.58 0.07 0.00	19.36 -0.04 0.00	20.66 -0.46 0.00	21.34 -0.11 0.00	21.20 0.00 0.00	20.53 0.20 0.00	19.95 0.08 0.00	19.54 0.02 0.00	20.33 0.12 0.00	20.56 0.16 0.00	20.83 0.19 0.00	22.05 0.22 0.00	24.71 -0.02 0.00	25.89 -0.13 0.00	24.34 -0.22 0.00	24.15 -0.22 0.00	22.35 0.07 0.00	21.15 0.15 0.00	18.85 0.09 0.00
ESPRGFLD_115KV_TB1 80157	18.61 0.87 0.00	16.38 0.72 0.00	15.61 0.67 0.00	15.19 0.65 0.00	15.75 0.68 0.00	17.34 0.83 0.00	20.57 1.16 0.00	22.37 1.25 0.00	22.63 1.18 0.00	22.33 1.12 0.00	21.40 1.08 0.00	20.91 1.03 0.00	20.54 1.02 0.00	21.24 1.03 0.00	21.44 1.04 0.00	21.74 1.09 0.00	23.03 1.20 0.00	26.15 1.41 0.00	27.52 1.51 0.00	26.01 1.45 0.00	25.86 1.49 0.00	23.64 1.36 0.00	22.20 1.20 0.00	19.78 1.03 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.10 0.35 0.00	15.93 0.27 0.00	15.22 0.28 0.00	14.82 0.28 0.00	15.37 0.30 0.00	16.88 0.36 0.00	19.87 0.47 0.00	21.53 0.40 0.00	21.86 0.41 0.00	21.63 0.42 0.00	20.65 0.33 0.00	20.17 0.30 0.00	19.80 0.27 0.00	20.51 0.30 0.00	20.70 0.31 0.00	21.00 0.35 0.00	22.27 0.44 0.00	25.18 0.45 0.00	26.56 0.55 0.00	25.07 0.52 0.00	24.94 0.56 0.00	22.82 0.53 0.00	21.49 0.48 0.00	19.16 0.41 0.00
ETNA____115KV_TB2 80207	18.10 0.35 0.00	15.93 0.27 0.00	15.22 0.28 0.00	14.82 0.28 0.00	15.37 0.30 0.00	16.88 0.36 0.00	19.87 0.47 0.00	21.53 0.40 0.00	21.86 0.41 0.00	21.63 0.42 0.00	20.65 0.33 0.00	20.17 0.30 0.00	19.80 0.27 0.00	20.51 0.30 0.00	20.70 0.31 0.00	21.00 0.35 0.00	22.27 0.44 0.00	25.18 0.45 0.00	26.56 0.55 0.00	25.07 0.52 0.00	24.94 0.56 0.00	22.82 0.53 0.00	21.49 0.48 0.00	19.16 0.41 0.00
EUCLID____115KV_TB2 356179	17.60 -0.14 0.00	15.51 -0.16 0.00	14.82 -0.12 0.00	14.42 -0.12 0.00	14.95 -0.12 0.00	16.38 -0.13 0.00	19.27 -0.14 0.00	20.91 -0.21 0.00	21.30 -0.15 0.00	21.10 -0.11 0.00	20.06 -0.26 0.00	19.60 -0.28 0.00	19.27 -0.25 0.00	19.94 -0.26 0.00	20.11 -0.29 0.00	20.40 -0.25 0.00	21.59 -0.24 0.00	24.39 -0.35 0.00	25.65 -0.36 0.00	24.21 -0.34 0.00	24.03 -0.34 0.00	22.02 -0.27 0.00	20.81 -0.19 0.00	18.56 -0.19 0.00
E_CANADA_CAP_HY 24051	18.88 1.14 0.00	16.65 0.99 0.00	15.85 0.91 0.00	15.43 0.89 0.00	15.99 0.92 0.00	17.60 1.09 0.00	20.88 1.47 0.00	22.65 1.52 0.00	22.87 1.42 0.00	22.52 1.32 0.00	21.63 1.30 0.00	21.11 1.23 0.00	20.73 1.21 0.00	21.46 1.25 0.00	21.64 1.24 0.00	21.95 1.30 0.00	23.25 1.42 0.00	26.44 1.71 0.00	27.78 1.77 0.00	26.33 1.77 0.00	26.18 1.80 0.00	23.98 1.69 0.00	22.49 1.49 0.00	20.06 1.31 0.00
E_CANADA_MHWK_HY 24050	17.96 0.21 0.00	15.84 0.17 0.00	15.12 0.18 0.00	14.70 0.16 0.00	15.24 0.17 0.00	16.73 0.21 0.00	19.69 0.29 0.00	21.28 0.15 0.00	21.58 0.13 0.00	21.46 0.26 0.00	20.43 0.10 0.00	19.97 0.10 0.00	19.72 0.20 0.00	20.29 0.08 0.00	20.48 0.08 0.00	20.73 0.08 0.00	21.90 0.07 0.00	24.81 0.07 0.00	26.12 0.10 0.00	24.68 0.12 0.00	24.50 0.12 0.00	22.42 0.13 0.00	21.09 0.08 0.00	18.85 0.09 0.00
E_FISHKILL____LBMP 23776	18.58 0.83 0.00	16.43 0.77 0.00	15.60 0.66 0.00	15.18 0.64 0.00	15.73 0.66 0.00	17.25 0.74 0.00	20.39 0.99 0.00	22.22 1.10 0.00	22.59 1.14 0.00	22.31 1.10 0.00	21.62 1.30 0.00	21.21 1.33 0.00	20.81 1.29 0.00	21.62 1.41 0.00	21.79 1.39 0.00	21.99 1.34 0.00	23.34 1.51 0.00	26.52 1.78 0.00	27.89 1.87 0.00	26.33 1.77 0.00	26.06 1.68 0.00	23.69 1.40 0.00	22.14 1.13 0.00	19.90 1.14 0.00
FALCON____SEABRD_CC1 323796	18.33 0.58 0.00	16.15 0.49 0.00	15.43 0.49 0.00	15.02 0.48 0.00	15.57 0.50 0.00	17.06 0.54 0.00	19.98 0.58 0.00	21.87 0.74 0.00	22.14 0.69 0.00	21.80 0.59 0.00	21.03 0.71 0.00	20.49 0.62 0.00	20.19 0.66 0.00	20.77 0.56 0.00	21.05 0.65 0.00	21.29 0.64 0.00	22.36 0.52 0.00	25.38 0.64 0.00	26.85 0.83 0.00	25.24 0.69 0.00	25.13 0.76 0.00	22.88 0.60 0.00	21.57 0.57 0.00	19.20 0.45 0.00
FALCON____SEABRD_CC2 323797	18.33 0.58 0.00	16.15 0.49 0.00	15.43 0.49 0.00	15.02 0.48 0.00	15.57 0.50 0.00	17.06 0.54 0.00	19.98 0.58 0.00	21.87 0.74 0.00	22.14 0.69 0.00	21.80 0.59 0.00	21.03 0.71 0.00	20.49 0.62 0.00	20.19 0.66 0.00	20.77 0.56 0.00	21.05 0.65 0.00	21.29 0.64 0.00	22.36 0.52 0.00	25.38 0.64 0.00	26.85 0.83 0.00	25.24 0.69 0.00	25.13 0.76 0.00	22.88 0.60 0.00	21.57 0.57 0.00	19.20 0.45 0.00
FAR ROCKAWAY____4 23548	23.02 1.46 -3.82	19.90 1.32 -2.92	17.51 1.17 -1.40	17.50 1.13 -1.83	18.38 1.16 -2.15	20.07 1.29 -2.27	25.13 1.65 -4.08	29.12 1.82 -6.18	30.51 1.89 -7.17	29.44 1.87 -6.37	27.63 2.01 -5.30	27.61 2.03 -5.71	27.85 1.99 -6.33	28.26 2.14 -5.91	30.45 2.14 -7.91	30.73 2.06 -8.02	41.01 2.36 -16.82	41.07 2.77 -13.57	29.01 2.99 0.00	27.38 2.82 0.00	27.13 2.75 0.00	25.95 2.27 -1.39	23.04 2.04 0.00	20.66 1.91 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.81 1.06 0.00	16.62 0.96 0.00	15.76 0.82 0.00	15.34 0.80 0.00	15.88 0.81 0.00	17.44 0.92 0.00	20.62 1.22 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	21.99 1.65 -0.02	21.79 1.67 -0.25	21.16 1.62 -0.02	22.13 1.76 -0.17	22.16 1.73 -0.03	22.32 1.67 0.00	23.75 1.90 -0.02	27.31 2.23 -0.35	28.36 2.34 0.00	26.74 2.19 0.00	26.45 2.07 0.00	24.00 1.72 0.00	22.41 1.41 0.00	20.14 1.39 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.81 1.06 0.00	16.63 0.97 0.00	15.76 0.82 0.00	15.34 0.80 0.00	15.88 0.81 0.00	17.44 0.92 0.00	20.62 1.22 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	21.99 1.65 -0.02	21.79 1.67 -0.25	21.16 1.62 -0.02	22.13 1.76 -0.17	22.16 1.73 -0.03	22.32 1.67 0.00	23.75 1.90 -0.02	27.34 2.25 -0.35	28.36 2.34 0.00	26.74 2.19 0.00	26.47 2.10 0.00	24.00 1.72 0.00	22.43 1.43 0.00	20.14 1.39 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.79 1.05 0.00	16.62 0.96 0.00	15.76 0.82 0.00	15.32 0.79 0.00	15.88 0.81 0.00	17.44 0.92 0.00	20.62 1.22 0.00	22.52 1.39 0.00	22.89 1.44 0.00	22.62 1.42 0.00	21.97 1.63 -0.02	21.79 1.67 -0.25	21.14 1.60 -0.02	22.11 1.74 -0.17	22.14 1.71 -0.03	22.32 1.67 0.00	23.73 1.88 -0.02	27.31 2.23 -0.35	28.33 2.32 0.00	26.72 2.16 0.00	26.45 2.07 0.00	23.98 1.69 0.00	22.41 1.41 0.00	20.12 1.37 0.00



FARRAGUT____LBMP 323566	18.79 1.05 0.00	16.60 0.94 0.00	15.75 0.81 0.00	15.32 0.79 0.00	15.87 0.80 0.00	17.42 0.91 0.00	20.61 1.20 0.00	22.50 1.37 0.00	22.87 1.42 0.00	22.60 1.40 0.00	21.95 1.61 -0.02	21.77 1.65 -0.25	21.14 1.60 -0.02	22.09 1.72 -0.17	22.12 1.69 -0.03	22.30 1.65 0.00	23.70 1.86 -0.02	27.29 2.20 -0.35	28.30 2.29 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.39 1.39 0.00	20.12 1.37 0.00
FENNER____WINDPWR 24204	18.08 0.34 0.00	15.93 0.27 0.00	15.21 0.27 0.00	14.80 0.26 0.00	15.34 0.27 0.00	16.84 0.33 0.00	19.87 0.46 0.00	21.55 0.42 0.00	21.86 0.41 0.00	21.65 0.45 0.00	20.63 0.31 0.00	20.17 0.30 0.00	19.83 0.31 0.00	20.47 0.26 0.00	20.66 0.26 0.00	20.94 0.29 0.00	22.18 0.35 0.00	25.13 0.39 0.00	26.46 0.44 0.00	24.97 0.42 0.00	24.84 0.46 0.00	22.71 0.42 0.00	21.38 0.38 0.00	19.05 0.30 0.00
FIBERTEK____ENERGY 23856	17.76 0.02 0.00	15.65 -0.02 0.00	14.94 0.00 0.00	14.54 0.00 0.00	15.08 0.02 0.00	16.54 0.03 0.00	19.46 0.06 0.00	21.13 0.00 0.00	21.49 0.04 0.00	21.31 0.11 0.00	20.24 -0.08 0.00	19.79 -0.08 0.00	19.46 -0.06 0.00	20.13 -0.08 0.00	20.32 -0.08 0.00	20.61 -0.04 0.00	21.81 -0.02 0.00	24.64 -0.10 0.00	25.91 -0.10 0.00	24.46 -0.10 0.00	24.30 -0.07 0.00	22.26 -0.02 0.00	21.02 0.02 0.00	18.75 0.00 0.00
FITZPATRICK____ 23598	17.37 -0.37 0.00	15.30 -0.36 0.00	14.62 -0.31 0.00	14.23 -0.31 0.00	14.75 -0.32 0.00	16.16 -0.35 0.00	18.99 -0.41 0.00	20.64 -0.49 0.00	21.00 -0.45 0.00	20.78 -0.42 0.00	19.73 -0.59 0.00	19.30 -0.58 0.00	18.96 -0.57 0.00	19.62 -0.59 0.00	19.81 -0.59 0.00	20.09 -0.56 0.00	21.24 -0.59 0.00	24.02 -0.72 0.00	25.26 -0.76 0.00	23.84 -0.71 0.00	23.67 -0.71 0.00	21.68 -0.60 0.00	20.52 -0.48 0.00	18.30 -0.45 0.00
FLOWRFLD_69_KV_BK1 356044	22.91 1.35 -3.82	19.86 1.27 -2.92	17.49 1.15 -1.40	17.49 1.12 -1.83	18.38 1.16 -2.15	20.05 1.27 -2.27	25.05 1.57 -4.08	29.23 1.92 -6.18	30.66 2.04 -7.17	29.37 1.80 -6.37	27.70 2.07 -5.30	27.67 2.09 -5.71	27.73 1.87 -6.33	28.34 2.22 -5.91	30.49 2.18 -7.91	30.81 2.15 -8.02	41.08 2.42 -16.82	41.15 2.84 -13.57	29.29 3.28 0.00	27.63 3.07 0.00	27.37 3.00 0.00	26.17 2.50 -1.39	23.23 2.23 0.00	20.80 2.04 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.65 0.91 0.00	16.48 0.81 0.00	15.66 0.72 0.00	15.22 0.68 0.00	15.78 0.71 0.00	17.29 0.78 0.00	20.47 1.07 0.00	22.35 1.23 0.00	22.70 1.24 0.00	22.41 1.21 0.00	21.73 1.40 0.00	21.32 1.45 0.00	20.95 1.43 0.00	21.70 1.50 0.00	21.85 1.45 0.00	22.16 1.51 0.00	23.51 1.68 0.00	26.76 2.03 0.00	28.15 2.13 0.00	26.57 2.01 0.00	26.30 1.93 0.00	23.86 1.58 0.00	22.24 1.24 0.00	20.05 1.29 0.00
FORT ORANGE____ 23900	18.37 0.62 0.00	16.29 0.63 0.00	15.48 0.54 0.00	15.08 0.54 0.00	15.61 0.54 0.00	17.09 0.58 0.00	20.04 0.64 0.00	21.74 0.61 0.00	22.01 0.56 0.00	21.69 0.49 0.00	20.99 0.67 0.00	20.55 0.68 0.00	20.20 0.68 0.00	20.91 0.71 0.00	21.09 0.69 0.00	21.29 0.64 0.00	22.51 0.68 0.00	25.60 0.87 0.00	26.90 0.89 0.00	25.47 0.91 0.00	25.23 0.85 0.00	23.02 0.73 0.00	21.59 0.59 0.00	19.35 0.60 0.00
FORT_DRUM_COGEN 23780	18.22 0.48 0.00	16.02 0.36 0.00	15.33 0.39 0.00	14.92 0.38 0.00	15.43 0.36 0.00	16.99 0.48 0.00	20.06 0.66 0.00	21.74 0.61 0.00	21.84 0.39 0.00	21.63 0.42 0.00	20.49 0.16 0.00	19.99 0.12 0.00	19.70 0.18 0.00	20.29 0.08 0.00	20.48 0.08 0.00	20.75 0.10 0.00	21.94 0.11 0.00	24.96 0.22 0.00	26.33 0.31 0.00	25.02 0.47 0.00	25.01 0.63 0.00	22.91 0.62 0.00	21.53 0.53 0.00	19.11 0.36 0.00
FPL_FAR_ROCK_GT1 24212	23.02 1.46 -3.82	19.90 1.32 -2.92	17.51 1.17 -1.40	17.50 1.13 -1.83	18.38 1.16 -2.15	20.07 1.29 -2.27	25.13 1.65 -4.08	29.12 1.82 -6.18	30.51 1.89 -7.17	29.44 1.87 -6.37	27.62 1.99 -5.30	27.61 2.03 -5.71	27.83 1.97 -6.33	28.25 2.14 -5.91	30.41 2.10 -7.91	30.73 2.06 -8.02	41.02 2.36 -16.82	41.07 2.77 -13.57	28.99 2.96 -0.01	27.39 2.82 -0.01	27.14 2.75 -0.01	25.95 2.27 -1.40	23.05 2.04 -0.01	20.67 1.91 -0.01
FPL_FAR_ROCK_GT2 23815	23.02 1.46 -3.82	19.90 1.32 -2.92	17.51 1.17 -1.40	17.50 1.13 -1.83	18.38 1.16 -2.15	20.07 1.29 -2.27	25.13 1.65 -4.08	29.12 1.82 -6.18	30.51 1.89 -7.17	29.44 1.87 -6.37	27.62 1.99 -5.30	27.61 2.03 -5.71	27.83 1.97 -6.33	28.25 2.14 -5.91	30.41 2.10 -7.91	30.73 2.06 -8.02	41.02 2.36 -16.82	41.07 2.77 -13.57	28.99 2.96 -0.01	27.39 2.82 -0.01	27.14 2.75 -0.01	25.95 2.27 -1.40	23.05 2.04 -0.01	20.67 1.91 -0.01
FRANKLIN_FALL_HYD 24054	18.17 0.43 0.00	16.02 0.36 0.00	15.30 0.36 0.00	14.89 0.35 0.00	15.43 0.36 0.00	16.92 0.41 0.00	19.83 0.43 0.00	21.65 0.53 0.00	21.90 0.45 0.00	21.61 0.40 0.00	20.81 0.49 0.00	20.27 0.40 0.00	20.01 0.49 0.00	20.53 0.32 0.00	20.83 0.43 0.00	21.04 0.39 0.00	22.03 0.20 0.00	25.11 0.37 0.00	26.46 0.44 0.00	24.88 0.32 0.00	24.84 0.46 0.00	22.62 0.33 0.00	21.34 0.34 0.00	18.96 0.21 0.00
FREEPORT_EQUS_GT1 23764	22.91 1.35 -3.82	19.79 1.21 -2.92	17.42 1.08 -1.40	17.42 1.05 -1.83	18.29 1.07 -2.15	19.97 1.19 -2.27	25.01 1.53 -4.08	29.06 1.75 -6.18	30.44 1.82 -7.17	29.29 1.72 -6.37	27.53 1.91 -5.30	27.53 1.95 -5.71	27.69 1.83 -6.33	28.11 2.00 -5.91	30.26 1.96 -7.91	30.61 1.94 -8.02	40.86 2.20 -16.82	40.90 2.60 -13.57	28.86 2.84 -0.01	27.27 2.70 -0.01	27.02 2.63 -0.01	25.86 2.18 -1.39	22.99 1.97 -0.01	20.63 1.87 -0.01
FREEPORT____CT2 23818	22.91 1.35 -3.82	19.79 1.21 -2.92	17.42 1.08 -1.40	17.42 1.05 -1.83	18.29 1.07 -2.15	19.97 1.19 -2.27	25.01 1.53 -4.08	29.06 1.75 -6.18	30.44 1.82 -7.17	29.29 1.72 -6.37	27.53 1.91 -5.30	27.53 1.95 -5.71	27.69 1.83 -6.33	28.11 2.00 -5.91	30.26 1.96 -7.91	30.61 1.94 -8.02	40.86 2.20 -16.82	40.90 2.60 -13.57	28.86 2.84 -0.01	27.27 2.70 -0.01	27.02 2.63 -0.01	25.86 2.18 -1.39	22.99 1.97 -0.01	20.63 1.87 -0.01
FRESHKLS_33_KV_LOAD 356253	18.90 1.15 0.00	16.70 1.03 0.00	15.82 0.88 0.00	15.37 0.83 0.00	15.91 0.84 0.00	17.42 0.91 0.00	20.59 1.18 0.00	22.48 1.35 0.00	22.82 1.37 0.00	22.54 1.34 0.00	22.03 1.69 -0.02	21.88 1.77 -0.24	21.24 1.70 -0.02	22.28 1.90 -0.17	22.23 1.80 -0.04	22.43 1.78 -0.01	23.75 1.88 -0.04	27.39 2.30 -0.36	28.36 2.29 -0.06	26.76 2.19 -0.02	26.54 2.14 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
FULTON COGEN____ 23766	17.60 -0.14 0.00	15.51 -0.16 0.00	14.80 -0.13 0.00	14.41 -0.13 0.00	14.95 -0.12 0.00	16.38 -0.13 0.00	19.29 -0.12 0.00	20.91 -0.21 0.00	21.28 -0.17 0.00	21.08 -0.13 0.00	20.02 -0.30 0.00	19.56 -0.32 0.00	19.23 -0.29 0.00	19.90 -0.30 0.00	20.07 -0.33 0.00	20.36 -0.29 0.00	21.55 -0.28 0.00	24.37 -0.37 0.00	25.62 -0.39 0.00	24.19 -0.37 0.00	24.03 -0.34 0.00	22.02 -0.27 0.00	20.81 -0.19 0.00	18.58 -0.17 0.00



FULTON___LFGE 323630	19.52 1.77 0.00	17.18 1.52 0.00	16.33 1.39 0.00	15.89 1.35 0.00	16.49 1.42 0.00	18.18 1.67 0.00	21.61 2.21 0.00	22.92 1.79 0.00	23.04 1.59 0.00	22.90 1.70 0.00	21.66 1.34 0.00	21.19 1.31 0.00	21.03 1.50 0.00	21.48 1.27 0.00	21.66 1.27 0.00	22.01 1.36 0.00	23.34 1.51 0.00	26.64 1.90 0.00	28.10 2.08 0.00	26.67 2.11 0.00	26.59 2.22 0.00	24.38 2.09 0.00	22.85 1.85 0.00	20.36 1.61 0.00
G.F.CEMENT___DRP 24184	19.13 1.38 0.00	16.90 1.24 0.00	16.06 1.12 0.00	15.63 1.09 0.00	16.20 1.13 0.00	17.80 1.29 0.00	21.07 1.67 0.00	22.84 1.71 0.00	23.12 1.67 0.00	22.75 1.55 0.00	21.95 1.63 0.00	21.34 1.47 0.00	20.91 1.39 0.00	21.64 1.43 0.00	21.79 1.39 0.00	22.07 1.42 0.00	23.36 1.53 0.00	26.72 1.98 0.00	28.12 2.11 0.00	26.64 2.09 0.00	26.45 2.07 0.00	24.22 1.94 0.00	22.66 1.66 0.00	20.25 1.50 0.00
GARDENVILLE___LBMP 24039	17.83 0.09 0.00	15.63 -0.03 0.00	15.10 0.16 0.00	14.70 0.16 0.00	15.25 0.18 0.00	16.54 0.03 0.00	19.31 -0.10 0.00	20.60 -0.53 0.00	21.28 -0.17 0.00	21.14 -0.06 0.00	20.40 0.08 0.00	19.89 0.02 0.00	19.48 -0.04 0.00	20.27 0.06 0.00	20.44 0.04 0.00	20.77 0.12 0.00	21.99 0.15 0.00	24.59 -0.15 0.00	25.75 -0.26 0.00	24.26 -0.29 0.00	24.08 -0.29 0.00	22.28 0.00 0.00	21.07 0.06 0.00	18.79 0.04 0.00
GARDNVLA_35_KV_LD 355827	17.92 0.18 0.00	15.69 0.03 0.00	15.16 0.22 0.00	14.76 0.22 0.00	15.31 0.24 0.00	16.59 0.08 0.00	19.38 -0.02 0.00	20.68 -0.44 0.00	21.37 -0.09 0.00	21.25 0.04 0.00	20.49 0.16 0.00	19.97 0.10 0.00	19.58 0.06 0.00	20.37 0.16 0.00	20.54 0.14 0.00	20.88 0.23 0.00	22.09 0.26 0.00	24.71 -0.02 0.00	25.88 -0.13 0.00	24.39 -0.17 0.00	24.20 -0.17 0.00	22.39 0.11 0.00	21.15 0.15 0.00	18.86 0.11 0.00
GELCKHM___115KV_LOAD 80723	17.66 -0.09 0.00	15.55 -0.11 0.00	14.85 -0.09 0.00	14.45 -0.09 0.00	14.99 -0.08 0.00	16.43 -0.08 0.00	19.32 -0.08 0.00	21.00 -0.13 0.00	21.37 -0.09 0.00	21.16 -0.04 0.00	20.12 -0.20 0.00	19.67 -0.20 0.00	19.33 -0.20 0.00	20.00 -0.20 0.00	20.17 -0.22 0.00	20.48 -0.17 0.00	21.66 -0.17 0.00	24.49 -0.25 0.00	25.75 -0.26 0.00	24.29 -0.27 0.00	24.13 -0.24 0.00	22.10 -0.18 0.00	20.88 -0.13 0.00	18.64 -0.11 0.00
GENERAL___MILLS 23808	17.89 0.14 0.00	15.66 0.00 0.00	15.13 0.19 0.00	14.73 0.19 0.00	15.28 0.21 0.00	16.58 0.07 0.00	19.34 -0.06 0.00	20.64 -0.49 0.00	21.32 -0.13 0.00	21.20 0.00 0.00	20.45 0.12 0.00	19.93 0.06 0.00	19.54 0.02 0.00	20.33 0.12 0.00	20.50 0.10 0.00	20.83 0.19 0.00	22.03 0.20 0.00	24.66 -0.07 0.00	25.83 -0.18 0.00	24.34 -0.22 0.00	24.16 -0.22 0.00	22.35 0.07 0.00	21.11 0.11 0.00	18.83 0.08 0.00
GE_PLASTICS___DRP 24183	18.31 0.57 0.00	16.23 0.56 0.00	15.43 0.49 0.00	15.02 0.48 0.00	15.55 0.48 0.00	17.04 0.53 0.00	20.00 0.60 0.00	21.72 0.59 0.00	22.03 0.58 0.00	21.73 0.53 0.00	21.01 0.69 0.00	20.55 0.68 0.00	20.21 0.68 0.00	20.93 0.73 0.00	21.09 0.69 0.00	21.31 0.66 0.00	22.53 0.70 0.00	25.60 0.87 0.00	26.93 0.91 0.00	25.44 0.88 0.00	25.20 0.83 0.00	23.00 0.71 0.00	21.59 0.59 0.00	19.35 0.60 0.00
GILBOA___1 23756	18.28 0.53 0.00	16.16 0.50 0.00	15.37 0.43 0.00	14.96 0.42 0.00	15.51 0.44 0.00	16.99 0.48 0.00	20.02 0.62 0.00	21.78 0.66 0.00	22.12 0.67 0.00	21.84 0.64 0.00	21.08 0.75 0.00	20.63 0.76 0.00	20.26 0.74 0.00	20.99 0.79 0.00	21.17 0.77 0.00	21.41 0.76 0.00	22.66 0.83 0.00	25.75 1.01 0.00	27.06 1.04 0.00	25.56 1.01 0.00	25.32 0.95 0.00	23.11 0.82 0.00	21.68 0.67 0.00	19.43 0.67 0.00
GILBOA___2 23757	18.28 0.53 0.00	16.16 0.50 0.00	15.37 0.43 0.00	14.96 0.42 0.00	15.51 0.44 0.00	16.99 0.48 0.00	20.02 0.62 0.00	21.78 0.66 0.00	22.12 0.67 0.00	21.84 0.64 0.00	21.08 0.75 0.00	20.63 0.76 0.00	20.26 0.74 0.00	20.99 0.79 0.00	21.17 0.77 0.00	21.41 0.76 0.00	22.66 0.83 0.00	25.75 1.01 0.00	27.06 1.04 0.00	25.56 1.01 0.00	25.32 0.95 0.00	23.11 0.82 0.00	21.68 0.67 0.00	19.43 0.67 0.00
GILBOA___3 23758	18.28 0.53 0.00	16.16 0.50 0.00	15.37 0.43 0.00	14.96 0.42 0.00	15.51 0.44 0.00	16.99 0.48 0.00	20.02 0.62 0.00	21.78 0.66 0.00	22.12 0.67 0.00	21.84 0.64 0.00	21.08 0.75 0.00	20.63 0.76 0.00	20.26 0.74 0.00	20.99 0.79 0.00	21.17 0.77 0.00	21.41 0.76 0.00	22.66 0.83 0.00	25.75 1.01 0.00	27.06 1.04 0.00	25.56 1.01 0.00	25.32 0.95 0.00	23.11 0.82 0.00	21.68 0.67 0.00	19.43 0.67 0.00
GILBOA___4 23759	18.28 0.53 0.00	16.16 0.50 0.00	15.37 0.43 0.00	14.96 0.42 0.00	15.51 0.44 0.00	16.99 0.48 0.00	20.02 0.62 0.00	21.78 0.66 0.00	22.12 0.67 0.00	21.84 0.64 0.00	21.08 0.75 0.00	20.63 0.76 0.00	20.26 0.74 0.00	20.99 0.79 0.00	21.17 0.77 0.00	21.41 0.76 0.00	22.66 0.83 0.00	25.75 1.01 0.00	27.06 1.04 0.00	25.56 1.01 0.00	25.32 0.95 0.00	23.11 0.82 0.00	21.68 0.67 0.00	19.43 0.67 0.00
GILBOA___ 23599	18.28 0.53 0.00	16.16 0.50 0.00	15.37 0.43 0.00	14.96 0.42 0.00	15.51 0.44 0.00	16.99 0.48 0.00	20.02 0.62 0.00	21.78 0.65 0.00	22.12 0.66 0.00	21.84 0.64 0.00	21.08 0.75 0.00	20.63 0.76 0.00	20.26 0.74 0.00	20.99 0.79 0.00	21.17 0.78 0.00	21.41 0.76 0.00	22.66 0.83 0.00	25.73 0.99 0.00	27.06 1.04 0.00	25.56 1.01 0.00	25.32 0.95 0.00	23.11 0.82 0.00	21.70 0.69 0.00	19.43 0.68 0.00
GINNA___ 23603	16.79 -0.96 0.00	14.72 -0.94 0.00	14.16 -0.78 0.00	13.80 -0.74 0.00	14.30 -0.77 0.00	15.64 -0.88 0.00	18.34 -1.07 0.00	19.86 -1.27 0.00	20.34 -1.12 0.00	20.14 -1.06 0.00	19.29 -1.04 0.00	18.82 -1.05 0.00	18.49 -1.04 0.00	19.08 -1.13 0.00	19.30 -1.10 0.00	19.62 -1.03 0.00	20.78 -1.05 0.00	23.40 -1.34 0.00	24.56 -1.46 0.00	23.13 -1.42 0.00	23.01 -1.36 0.00	21.12 -1.16 0.00	20.00 -1.01 0.00	17.78 -0.98 0.00
GLEN PARK___ 23778	18.31 0.57 0.00	16.09 0.42 0.00	15.40 0.46 0.00	14.99 0.45 0.00	15.49 0.42 0.00	17.07 0.56 0.00	20.16 0.76 0.00	21.82 0.70 0.00	21.90 0.45 0.00	21.71 0.51 0.00	20.53 0.20 0.00	20.05 0.18 0.00	19.76 0.24 0.00	20.33 0.12 0.00	20.52 0.12 0.00	20.79 0.15 0.00	22.03 0.20 0.00	25.03 0.30 0.00	26.43 0.41 0.00	25.15 0.59 0.00	25.15 0.78 0.00	23.02 0.73 0.00	21.63 0.63 0.00	19.18 0.43 0.00
GLENDALE_27_KV_LOAD 356172	18.92 1.17 0.00	16.73 1.07 0.00	15.85 0.91 0.00	15.43 0.89 0.00	15.97 0.90 0.00	17.52 1.01 0.00	20.70 1.30 0.00	22.58 1.46 0.00	22.97 1.52 0.00	22.71 1.51 0.00	22.11 1.77 -0.02	21.94 1.83 -0.24	21.28 1.74 -0.02	22.29 1.92 -0.17	22.28 1.86 -0.02	22.45 1.80 0.00	23.86 2.01 -0.02	27.48 2.40 -0.34	28.46 2.45 0.00	26.84 2.28 0.00	26.57 2.19 0.00	24.09 1.80 0.00	22.52 1.51 0.00	20.25 1.50 0.00



GLENWOOD_IC_1_G5 23712	22.75 1.19 -3.82	19.65 1.07 -2.92	17.28 0.94 -1.40	17.28 0.92 -1.83	18.15 0.93 -2.15	19.82 1.04 -2.27	24.84 1.36 -4.08	28.87 1.56 -6.18	30.25 1.63 -7.17	29.14 1.57 -6.37	27.41 1.79 -5.30	27.41 1.83 -5.71	27.61 1.76 -6.33	28.01 1.90 -5.91	30.20 1.90 -7.91	30.51 1.84 -8.02	40.58 1.92 -16.82	40.55 2.25 -13.57	28.62 2.60 0.00	26.99 2.43 0.00	26.74 2.36 0.00	25.63 1.96 -1.39	22.68 1.68 0.00	20.36 1.61 0.00
GLENWOOD_IC_2_G1 23688	22.64 1.08 -3.82	19.59 1.00 -2.92	17.21 0.87 -1.40	17.21 0.84 -1.83	18.07 0.86 -2.15	19.75 0.97 -2.27	24.74 1.26 -4.08	28.76 1.46 -6.18	30.12 1.50 -7.17	29.03 1.46 -6.37	27.29 1.67 -5.30	27.29 1.71 -5.71	27.50 1.64 -6.33	27.91 1.80 -5.91	30.06 1.75 -7.91	30.38 1.71 -8.02	40.58 1.92 -16.82	40.60 2.30 -13.57	28.44 2.42 -0.01	26.82 2.26 -0.01	26.58 2.19 -0.01	25.50 1.83 -1.39	22.54 1.53 -0.01	20.26 1.50 -0.01
GLENWOOD_IC_3_G1 23689	22.64 1.08 -3.82	19.59 1.00 -2.92	17.21 0.87 -1.40	17.21 0.84 -1.83	18.07 0.86 -2.15	19.75 0.97 -2.27	24.74 1.26 -4.08	28.76 1.46 -6.18	30.12 1.50 -7.17	29.03 1.46 -6.37	27.29 1.67 -5.30	27.29 1.71 -5.71	27.50 1.64 -6.33	27.91 1.80 -5.91	30.06 1.75 -7.91	30.38 1.71 -8.02	40.58 1.92 -16.82	40.60 2.30 -13.57	28.44 2.42 -0.01	26.82 2.26 -0.01	26.58 2.19 -0.01	25.50 1.83 -1.39	22.54 1.53 -0.01	20.26 1.50 -0.01
GLENWOOD___4 23550	22.75 1.19 -3.82	19.65 1.07 -2.92	17.28 0.94 -1.40	17.28 0.92 -1.83	18.15 0.93 -2.15	19.82 1.04 -2.27	24.84 1.36 -4.08	28.87 1.56 -6.18	30.25 1.63 -7.17	29.14 1.57 -6.37	27.41 1.79 -5.30	27.41 1.83 -5.71	27.61 1.76 -6.33	28.01 1.90 -5.91	30.20 1.90 -7.91	30.51 1.84 -8.02	40.62 1.96 -16.82	40.63 2.33 -13.57	28.62 2.60 0.00	26.99 2.43 0.00	26.74 2.36 0.00	25.63 1.96 -1.39	22.68 1.68 0.00	20.36 1.61 0.00
GLENWOOD___5 23614	22.75 1.19 -3.82	19.65 1.07 -2.92	17.28 0.94 -1.40	17.28 0.92 -1.83	18.15 0.93 -2.15	19.82 1.04 -2.27	24.84 1.36 -4.08	28.87 1.56 -6.18	30.25 1.63 -7.17	29.14 1.57 -6.37	27.41 1.79 -5.30	27.41 1.83 -5.71	27.61 1.76 -6.33	28.01 1.90 -5.91	30.20 1.90 -7.91	30.51 1.84 -8.02	40.62 1.96 -16.82	40.63 2.33 -13.57	28.62 2.60 0.00	26.99 2.43 0.00	26.74 2.36 0.00	25.63 1.96 -1.39	22.68 1.68 0.00	20.36 1.61 0.00
GLOBAL GREEN_PORT_GT1 23814	23.30 1.74 -3.82	20.23 1.64 -2.92	17.86 1.52 -1.40	17.85 1.48 -1.83	18.75 1.54 -2.15	20.45 1.67 -2.27	25.50 2.02 -4.08	29.74 2.43 -6.18	31.21 2.59 -7.17	29.86 2.29 -6.37	28.20 2.58 -5.30	28.16 2.58 -5.71	28.16 2.30 -6.33	28.84 2.73 -5.91	31.00 2.69 -7.91	31.33 2.66 -8.02	41.74 3.08 -16.82	41.91 3.61 -13.57	30.21 4.19 -0.01	28.42 3.86 -0.01	28.13 3.75 -0.01	26.84 3.16 -1.39	23.83 2.82 -0.01	21.27 2.51 -0.01
GLOBE___DSASP 323697	17.23 -0.51 0.00	15.10 -0.56 0.00	14.63 -0.31 0.00	14.23 -0.31 0.00	14.77 -0.30 0.00	15.97 -0.54 0.00	18.61 -0.80 0.00	19.84 -1.29 0.00	20.51 -0.94 0.00	20.36 -0.85 0.00	19.63 -0.69 0.00	19.18 -0.70 0.00	18.78 -0.74 0.00	19.52 -0.69 0.00	19.69 -0.71 0.00	19.99 -0.66 0.00	21.18 -0.65 0.00	23.62 -1.11 0.00	24.77 -1.12 0.00	23.35 -1.20 0.00	23.18 -1.19 0.00	21.48 -0.80 0.00	20.33 -0.67 0.00	18.13 -0.62 0.00
GOETHSLN___LBMP 323567	18.74 0.99 0.00	16.57 0.91 0.00	15.70 0.76 0.00	15.28 0.74 0.00	15.82 0.75 0.00	17.37 0.86 0.00	20.55 1.14 0.00	22.41 1.29 0.00	22.82 1.37 0.00	22.54 1.34 0.00	21.88 1.54 -0.02	21.71 1.59 -0.25	21.08 1.54 -0.02	22.03 1.66 -0.17	22.08 1.65 -0.03	22.24 1.59 0.00	23.66 1.81 -0.02	27.24 2.15 -0.35	28.25 2.24 0.00	26.64 2.09 0.00	26.35 1.97 0.00	23.89 1.60 0.00	22.31 1.30 0.00	20.05 1.29 0.00
GOLAH___69_KV_TB 1_2 80279	17.89 0.14 0.00	15.69 0.03 0.00	15.13 0.19 0.00	14.71 0.17 0.00	15.28 0.21 0.00	16.64 0.13 0.00	19.44 0.04 0.00	20.91 -0.21 0.00	21.43 -0.02 0.00	21.23 0.02 0.00	20.30 -0.02 0.00	19.79 -0.08 0.00	19.46 -0.06 0.00	20.08 -0.12 0.00	20.30 -0.10 0.00	20.61 -0.04 0.00	21.83 0.00 0.00	24.54 -0.20 0.00	25.75 -0.26 0.00	24.29 -0.27 0.00	24.13 -0.24 0.00	22.22 -0.07 0.00	21.00 0.00 0.00	18.70 -0.06 0.00
GOODYEAR_LAKE_HYD 323669	18.38 0.64 0.00	16.21 0.55 0.00	15.45 0.51 0.00	15.03 0.49 0.00	15.58 0.51 0.00	17.12 0.61 0.00	20.26 0.85 0.00	22.06 0.93 0.00	22.35 0.90 0.00	22.09 0.89 0.00	21.22 0.89 0.00	20.73 0.85 0.00	20.36 0.84 0.00	21.05 0.85 0.00	21.28 0.88 0.00	21.56 0.91 0.00	22.84 1.00 0.00	25.87 1.14 0.00	27.24 1.22 0.00	25.74 1.18 0.00	25.57 1.19 0.00	23.33 1.05 0.00	21.91 0.90 0.00	19.56 0.81 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.03 0.28 0.00	15.87 0.20 0.00	15.18 0.24 0.00	14.76 0.22 0.00	15.31 0.24 0.00	16.76 0.25 0.00	19.73 0.33 0.00	21.34 0.21 0.00	21.77 0.32 0.00	21.56 0.36 0.00	20.69 0.37 0.00	20.21 0.34 0.00	19.83 0.31 0.00	20.59 0.38 0.00	20.77 0.37 0.00	21.06 0.41 0.00	22.27 0.44 0.00	25.16 0.42 0.00	26.46 0.44 0.00	24.93 0.37 0.00	24.76 0.39 0.00	22.68 0.40 0.00	21.36 0.36 0.00	19.07 0.32 0.00
GOUDEY___7 23579	18.03 0.28 0.00	15.88 0.22 0.00	15.18 0.24 0.00	14.77 0.23 0.00	15.33 0.26 0.00	16.78 0.26 0.00	19.75 0.35 0.00	21.36 0.23 0.00	21.79 0.34 0.00	21.59 0.38 0.00	20.71 0.39 0.00	20.23 0.36 0.00	19.85 0.33 0.00	20.61 0.40 0.00	20.79 0.39 0.00	21.08 0.43 0.00	22.31 0.48 0.00	25.18 0.45 0.00	26.48 0.47 0.00	24.95 0.39 0.00	24.79 0.41 0.00	22.71 0.42 0.00	21.38 0.38 0.00	19.09 0.34 0.00
GOUDEY___8 23580	18.03 0.28 0.00	15.87 0.20 0.00	15.18 0.24 0.00	14.76 0.22 0.00	15.31 0.24 0.00	16.76 0.25 0.00	19.73 0.33 0.00	21.34 0.21 0.00	21.77 0.32 0.00	21.56 0.36 0.00	20.69 0.37 0.00	20.21 0.34 0.00	19.83 0.31 0.00	20.59 0.38 0.00	20.77 0.37 0.00	21.06 0.41 0.00	22.27 0.44 0.00	25.16 0.42 0.00	26.46 0.44 0.00	24.93 0.37 0.00	24.76 0.39 0.00	22.68 0.40 0.00	21.36 0.36 0.00	19.07 0.32 0.00
GOWANUS_GT1_1 24077	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.64 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.07 1.73 -0.02	21.92 1.81 -0.24	21.28 1.74 -0.02	22.30 1.92 -0.17	22.28 1.84 -0.04	22.45 1.80 -0.01	23.84 1.96 -0.04	27.47 2.37 -0.36	28.46 2.39 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT1_2 24078	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.64 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.07 1.73 -0.02	21.92 1.81 -0.24	21.28 1.74 -0.02	22.30 1.92 -0.17	22.28 1.84 -0.04	22.45 1.80 -0.01	23.84 1.96 -0.04	27.47 2.37 -0.36	28.46 2.39 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00



GOWANUS_GT1_3 24079	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.64 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.07 1.73 -0.02	21.92 1.81 -0.24	21.28 1.74 -0.02	22.30 1.92 -0.17	22.28 1.84 -0.04	22.45 1.80 -0.01	23.84 1.96 -0.04	27.47 2.37 -0.36	28.46 2.39 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT1_4 24080	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.64 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.07 1.73 -0.02	21.92 1.81 -0.24	21.28 1.74 -0.02	22.30 1.92 -0.17	22.28 1.84 -0.04	22.45 1.80 -0.01	23.84 1.96 -0.04	27.47 2.37 -0.36	28.46 2.39 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT1_5 24084	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.64 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.07 1.73 -0.02	21.92 1.81 -0.24	21.28 1.74 -0.02	22.30 1.92 -0.17	22.28 1.84 -0.04	22.45 1.80 -0.01	23.84 1.96 -0.04	27.47 2.37 -0.36	28.46 2.39 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT1_6 24111	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.64 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.07 1.73 -0.02	21.92 1.81 -0.24	21.28 1.74 -0.02	22.30 1.92 -0.17	22.28 1.84 -0.04	22.45 1.80 -0.01	23.84 1.96 -0.04	27.47 2.37 -0.36	28.46 2.39 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT1_7 24112	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.64 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.07 1.73 -0.02	21.92 1.81 -0.24	21.28 1.74 -0.02	22.30 1.92 -0.17	22.28 1.84 -0.04	22.45 1.80 -0.01	23.84 1.96 -0.04	27.47 2.37 -0.36	28.46 2.39 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT1_8 24113	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.64 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.07 1.73 -0.02	21.92 1.81 -0.24	21.28 1.74 -0.02	22.30 1.92 -0.17	22.28 1.84 -0.04	22.45 1.80 -0.01	23.84 1.96 -0.04	27.47 2.37 -0.36	28.46 2.39 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT2_1 24114	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT2_2 24115	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT2_3 24116	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT2_4 24117	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT2_5 24118	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT2_6 24119	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT2_7 24120	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT2_8 24121	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT3_1 24122	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00



GOWANUS_GT3_2 24123	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT3_3 24124	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT3_4 24125	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT3_5 24126	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT3_6 24127	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT3_7 24128	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT3_8 24129	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT4_1 24130	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.64 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.07 1.73 -0.02	21.92 1.81 -0.24	21.28 1.74 -0.02	22.30 1.92 -0.17	22.28 1.84 -0.04	22.45 1.80 -0.01	23.84 1.96 -0.04	27.47 2.37 -0.36	28.46 2.39 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT4_2 24131	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.64 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.07 1.73 -0.02	21.92 1.81 -0.24	21.28 1.74 -0.02	22.30 1.92 -0.17	22.28 1.84 -0.04	22.45 1.80 -0.01	23.84 1.96 -0.04	27.47 2.37 -0.36	28.46 2.39 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT4_3 24132	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.64 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.07 1.73 -0.02	21.92 1.81 -0.24	21.28 1.74 -0.02	22.30 1.92 -0.17	22.28 1.84 -0.04	22.45 1.80 -0.01	23.84 1.96 -0.04	27.47 2.37 -0.36	28.46 2.39 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT4_4 24133	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.64 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.07 1.73 -0.02	21.92 1.81 -0.24	21.28 1.74 -0.02	22.30 1.92 -0.17	22.28 1.84 -0.04	22.45 1.80 -0.01	23.84 1.96 -0.04	27.47 2.37 -0.36	28.46 2.39 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT4_5 24134	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.64 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.07 1.73 -0.02	21.92 1.81 -0.24	21.28 1.74 -0.02	22.30 1.92 -0.17	22.28 1.84 -0.04	22.45 1.80 -0.01	23.84 1.96 -0.04	27.47 2.37 -0.36	28.46 2.39 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT4_6 24135	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.64 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.07 1.73 -0.02	21.92 1.81 -0.24	21.28 1.74 -0.02	22.30 1.92 -0.17	22.28 1.84 -0.04	22.45 1.80 -0.01	23.84 1.96 -0.04	27.47 2.37 -0.36	28.46 2.39 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT4_7 24136	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.64 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.07 1.73 -0.02	21.92 1.81 -0.24	21.28 1.74 -0.02	22.30 1.92 -0.17	22.28 1.84 -0.04	22.45 1.80 -0.01	23.84 1.96 -0.04	27.47 2.37 -0.36	28.46 2.39 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GOWANUS_GT4_8 24137	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.64 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.07 1.73 -0.02	21.92 1.81 -0.24	21.28 1.74 -0.02	22.30 1.92 -0.17	22.28 1.84 -0.04	22.45 1.80 -0.01	23.84 1.96 -0.04	27.47 2.37 -0.36	28.46 2.39 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00



GREENBSH_115KV_TB3 55895	18.30 0.55 0.00	16.23 0.56 0.00	15.43 0.49 0.00	15.02 0.48 0.00	15.55 0.48 0.00	17.04 0.53 0.00	19.96 0.56 0.00	21.65 0.53 0.00	21.94 0.49 0.00	21.63 0.42 0.00	20.95 0.63 0.00	20.49 0.62 0.00	20.15 0.62 0.00	20.87 0.67 0.00	21.03 0.63 0.00	21.23 0.58 0.00	22.42 0.59 0.00	25.48 0.74 0.00	26.80 0.78 0.00	25.34 0.79 0.00	25.11 0.73 0.00	22.91 0.62 0.00	21.51 0.50 0.00	19.28 0.53 0.00
GREENDGE_115KV_TB5 80291	17.96 0.21 0.00	15.77 0.11 0.00	15.13 0.19 0.00	14.73 0.19 0.00	15.30 0.23 0.00	16.74 0.23 0.00	19.69 0.29 0.00	21.21 0.08 0.00	21.69 0.24 0.00	21.52 0.32 0.00	20.59 0.26 0.00	20.11 0.24 0.00	19.72 0.20 0.00	20.45 0.24 0.00	20.64 0.24 0.00	20.94 0.29 0.00	22.18 0.35 0.00	25.01 0.27 0.00	26.30 0.29 0.00	24.80 0.25 0.00	24.67 0.29 0.00	22.64 0.36 0.00	21.30 0.29 0.00	18.98 0.23 0.00
GREENIDGE___3 23582	17.96 0.21 0.00	15.77 0.11 0.00	15.13 0.19 0.00	14.73 0.19 0.00	15.30 0.23 0.00	16.74 0.23 0.00	19.69 0.29 0.00	21.21 0.08 0.00	21.69 0.24 0.00	21.52 0.32 0.00	20.59 0.26 0.00	20.11 0.24 0.00	19.72 0.20 0.00	20.45 0.24 0.00	20.64 0.24 0.00	20.94 0.29 0.00	22.18 0.35 0.00	25.01 0.27 0.00	26.30 0.29 0.00	24.80 0.25 0.00	24.67 0.29 0.00	22.64 0.36 0.00	21.30 0.29 0.00	18.98 0.23 0.00
GREENIDGE___4 23583	17.96 0.21 0.00	15.77 0.11 0.00	15.13 0.19 0.00	14.73 0.19 0.00	15.30 0.23 0.00	16.74 0.23 0.00	19.69 0.29 0.00	21.21 0.08 0.00	21.69 0.24 0.00	21.52 0.32 0.00	20.63 0.31 0.00	20.11 0.24 0.00	19.72 0.20 0.00	20.45 0.24 0.00	20.66 0.26 0.00	20.94 0.29 0.00	22.18 0.35 0.00	25.03 0.30 0.00	26.33 0.31 0.00	24.80 0.25 0.00	24.67 0.29 0.00	22.64 0.36 0.00	21.32 0.32 0.00	18.98 0.23 0.00
GREENLWN_69_KV_BK 3 55738	22.79 1.22 -3.82	19.72 1.13 -2.92	17.33 0.99 -1.40	17.33 0.96 -1.83	18.21 0.99 -2.15	19.88 1.11 -2.27	24.90 1.42 -4.08	28.98 1.67 -6.18	30.31 1.69 -7.17	29.20 1.63 -6.37	27.33 1.71 -5.30	27.31 1.73 -5.71	27.46 1.60 -6.33	27.89 1.78 -5.91	30.04 1.73 -7.91	30.36 1.69 -8.02	40.62 1.96 -16.82	40.60 2.30 -13.57	28.54 2.52 0.00	26.99 2.43 0.00	26.76 2.39 0.00	25.72 2.05 -1.39	22.85 1.85 0.00	20.51 1.76 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.64 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.07 1.73 -0.02	21.92 1.81 -0.24	21.28 1.74 -0.02	22.30 1.92 -0.17	22.28 1.84 -0.04	22.45 1.80 -0.01	23.84 1.96 -0.04	27.47 2.37 -0.36	28.46 2.39 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
GRISSOM___SOLAR 323813	19.52 1.77 0.00	17.18 1.52 0.00	16.33 1.39 0.00	15.89 1.35 0.00	16.49 1.42 0.00	18.18 1.67 0.00	21.61 2.21 0.00	22.92 1.79 0.00	23.04 1.59 0.00	22.90 1.70 0.00	21.66 1.34 0.00	21.19 1.31 0.00	21.03 1.50 0.00	21.48 1.27 0.00	21.66 1.27 0.00	22.01 1.36 0.00	23.34 1.51 0.00	26.64 1.90 0.00	28.10 2.08 0.00	26.67 2.11 0.00	26.59 2.22 0.00	24.38 2.09 0.00	22.85 1.85 0.00	20.36 1.61 0.00
GROVEVILLE___HYD 323602	18.65 0.91 0.00	16.48 0.81 0.00	15.66 0.72 0.00	15.22 0.68 0.00	15.78 0.71 0.00	17.29 0.78 0.00	20.47 1.07 0.00	22.35 1.23 0.00	22.70 1.24 0.00	22.41 1.21 0.00	21.73 1.40 0.00	21.32 1.45 0.00	20.95 1.43 0.00	21.70 1.50 0.00	21.85 1.45 0.00	22.16 1.51 0.00	23.51 1.68 0.00	26.76 2.03 0.00	28.15 2.13 0.00	26.57 2.01 0.00	26.30 1.93 0.00	23.86 1.58 0.00	22.24 1.24 0.00	20.05 1.29 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	17.76 0.02 0.00	15.65 -0.02 0.00	14.94 0.00 0.00	14.54 0.00 0.00	15.08 0.02 0.00	16.54 0.03 0.00	19.46 0.06 0.00	21.13 0.00 0.00	21.49 0.04 0.00	21.31 0.11 0.00	20.24 -0.08 0.00	19.79 -0.08 0.00	19.46 -0.06 0.00	20.13 -0.08 0.00	20.32 -0.08 0.00	20.61 -0.04 0.00	21.81 -0.02 0.00	24.64 -0.10 0.00	25.91 -0.10 0.00	24.46 -0.10 0.00	24.30 -0.07 0.00	22.26 -0.02 0.00	21.02 0.02 0.00	18.75 0.00 0.00
HAMLTNNY_34_KV_TB 80303	17.78 0.04 0.00	15.66 0.00 0.00	14.98 0.04 0.00	14.57 0.03 0.00	15.12 0.05 0.00	16.58 0.07 0.00	19.50 0.10 0.00	21.21 0.08 0.00	21.60 0.15 0.00	21.35 0.15 0.00	20.34 0.02 0.00	19.89 0.02 0.00	19.50 -0.02 0.00	20.21 0.00 0.00	20.40 0.00 0.00	20.71 0.06 0.00	21.90 0.07 0.00	24.74 0.00 0.00	26.01 0.00 0.00	24.56 0.00 0.00	24.40 0.02 0.00	22.35 0.07 0.00	21.11 0.11 0.00	18.83 0.08 0.00
HAMPSHIRE___PAPER_HYD 323593	17.96 0.21 0.00	15.82 0.16 0.00	15.12 0.18 0.00	14.71 0.18 0.00	15.24 0.17 0.00	16.74 0.23 0.00	19.69 0.29 0.00	21.42 0.30 0.00	21.60 0.15 0.00	21.35 0.15 0.00	20.38 0.06 0.00	19.89 0.02 0.00	19.58 0.06 0.00	20.15 -0.06 0.00	20.40 0.00 0.00	20.59 -0.06 0.00	21.57 -0.26 0.00	24.49 -0.25 0.00	25.89 -0.13 0.00	24.46 -0.10 0.00	24.55 0.17 0.00	22.46 0.18 0.00	21.15 0.15 0.00	18.81 0.06 0.00
HARDSCRABBLE_WT_PWR 323673	17.96 0.21 0.00	15.84 0.17 0.00	15.10 0.16 0.00	14.70 0.16 0.00	15.24 0.17 0.00	16.73 0.21 0.00	19.69 0.29 0.00	21.28 0.15 0.00	21.60 0.15 0.00	21.46 0.26 0.00	20.45 0.12 0.00	19.99 0.12 0.00	19.74 0.22 0.00	20.31 0.10 0.00	20.50 0.10 0.00	20.73 0.08 0.00	21.92 0.09 0.00	24.84 0.10 0.00	26.12 0.10 0.00	24.68 0.12 0.00	24.50 0.12 0.00	22.39 0.11 0.00	21.09 0.08 0.00	18.83 0.08 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	18.54 0.80 0.00	16.40 0.74 0.00	15.57 0.63 0.00	15.14 0.60 0.00	15.69 0.62 0.00	17.21 0.69 0.00	20.35 0.95 0.00	22.18 1.06 0.00	22.55 1.09 0.00	22.33 1.12 0.00	21.62 1.30 0.00	21.23 1.35 0.00	20.87 1.35 0.00	21.60 1.39 0.00	21.77 1.37 0.00	22.03 1.38 0.00	23.40 1.57 0.00	26.62 1.88 0.00	27.97 1.95 0.00	26.37 1.82 0.00	26.13 1.75 0.00	23.73 1.45 0.00	22.18 1.18 0.00	19.95 1.20 0.00
HARSNRAD_115KV_TB1 81005	17.64 -0.11 0.00	15.46 -0.20 0.00	14.98 0.04 0.00	14.58 0.04 0.00	15.12 0.05 0.00	16.36 -0.15 0.00	19.03 -0.37 0.00	20.30 -0.82 0.00	21.00 -0.45 0.00	20.84 -0.36 0.00	20.10 -0.22 0.00	19.62 -0.26 0.00	19.23 -0.29 0.00	19.96 -0.24 0.00	20.13 -0.27 0.00	20.46 -0.19 0.00	21.66 -0.17 0.00	24.22 -0.52 0.00	25.36 -0.65 0.00	23.92 -0.64 0.00	23.74 -0.63 0.00	21.99 -0.29 0.00	20.81 -0.19 0.00	18.55 -0.21 0.00
HARZA MOOSE___RIVER 24016	18.17 0.43 0.00	15.99 0.33 0.00	15.28 0.34 0.00	14.87 0.33 0.00	15.40 0.33 0.00	16.92 0.41 0.00	19.96 0.56 0.00	21.65 0.53 0.00	21.86 0.41 0.00	21.69 0.49 0.00	20.61 0.28 0.00	20.13 0.26 0.00	19.83 0.31 0.00	20.41 0.20 0.00	20.64 0.24 0.00	20.88 0.23 0.00	22.07 0.24 0.00	25.06 0.32 0.00	26.43 0.42 0.00	25.00 0.44 0.00	24.94 0.56 0.00	22.77 0.49 0.00	21.44 0.44 0.00	19.07 0.32 0.00



HDSNBRDG_115KV_BRDG_TB1 355580	17.67 -0.07 0.00	15.57 -0.09 0.00	14.88 -0.06 0.00	14.47 -0.07 0.00	15.01 -0.06 0.00	16.45 -0.07 0.00	19.36 -0.04 0.00	21.02 -0.11 0.00	21.39 -0.06 0.00	21.18 -0.02 0.00	20.16 -0.16 0.00	19.71 -0.16 0.00	19.37 -0.16 0.00	20.04 -0.16 0.00	20.24 -0.16 0.00	20.52 -0.12 0.00	21.70 -0.13 0.00	24.54 -0.20 0.00	25.78 -0.23 0.00	24.34 -0.22 0.00	24.18 -0.19 0.00	22.15 -0.13 0.00	20.92 -0.08 0.00	18.66 -0.09 0.00
HELLGATE_13_KV_LD 55870	18.87 1.12 0.00	16.68 1.02 0.00	15.82 0.88 0.00	15.40 0.86 0.00	15.95 0.87 0.00	17.47 0.96 0.00	20.62 1.22 0.00	22.50 1.37 0.00	22.87 1.42 0.00	22.60 1.40 0.00	21.99 1.65 -0.02	21.82 1.71 -0.24	21.18 1.64 -0.02	22.17 1.80 -0.17	22.16 1.73 -0.02	22.32 1.67 0.00	23.73 1.88 -0.02	27.33 2.25 -0.34	28.30 2.29 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.43 1.43 0.00	20.20 1.44 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	18.87 1.12 0.00	16.68 1.02 0.00	15.82 0.88 0.00	15.40 0.86 0.00	15.95 0.87 0.00	17.47 0.96 0.00	20.62 1.22 0.00	22.50 1.37 0.00	22.87 1.42 0.00	22.60 1.40 0.00	21.99 1.65 -0.02	21.82 1.71 -0.24	21.18 1.64 -0.02	22.17 1.80 -0.17	22.16 1.73 -0.02	22.32 1.67 0.00	23.73 1.88 -0.02	27.33 2.25 -0.34	28.30 2.29 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.43 1.43 0.00	20.20 1.44 0.00
HEMPSTEAD____ 23647	22.73 1.17 -3.82	19.65 1.07 -2.92	17.28 0.94 -1.40	17.28 0.92 -1.83	18.15 0.93 -2.15	19.82 1.04 -2.27	24.84 1.36 -4.08	28.89 1.59 -6.18	30.27 1.65 -7.17	29.12 1.55 -6.37	27.39 1.77 -5.30	27.37 1.79 -5.71	27.54 1.68 -6.33	27.97 1.86 -5.91	30.12 1.81 -7.91	30.46 1.80 -8.02	40.66 2.01 -16.82	40.68 2.37 -13.57	28.60 2.58 -0.01	27.02 2.46 -0.01	26.77 2.39 -0.01	25.66 1.98 -1.39	22.78 1.76 -0.01	20.43 1.67 -0.01
HEWLETT__69_KV_BK3 55828	22.95 1.38 -3.82	19.84 1.25 -2.92	17.45 1.11 -1.40	17.44 1.08 -1.83	18.32 1.10 -2.15	20.00 1.22 -2.27	25.05 1.57 -4.08	29.04 1.73 -6.18	30.42 1.80 -7.17	29.35 1.78 -6.37	27.55 1.93 -5.30	27.53 1.95 -5.71	27.75 1.89 -6.33	28.15 2.04 -5.91	30.35 2.04 -7.91	30.63 1.96 -8.02	40.91 2.25 -16.82	40.95 2.65 -13.57	28.88 2.86 0.00	27.26 2.70 0.00	27.01 2.63 0.00	25.84 2.16 -1.39	22.94 1.93 0.00	20.59 1.84 0.00
HICKLING___1 23621	18.15 0.41 0.00	15.95 0.28 0.00	15.30 0.36 0.00	14.87 0.33 0.00	15.45 0.38 0.00	16.91 0.40 0.00	19.87 0.47 0.00	21.44 0.32 0.00	21.94 0.49 0.00	21.73 0.53 0.00	20.93 0.61 0.00	20.43 0.56 0.00	19.95 0.43 0.00	20.81 0.61 0.00	21.01 0.61 0.00	21.29 0.64 0.00	22.55 0.72 0.00	25.35 0.62 0.00	26.67 0.65 0.00	25.10 0.54 0.00	24.94 0.56 0.00	22.91 0.62 0.00	21.57 0.57 0.00	19.24 0.49 0.00
HICKLING___2 23622	18.15 0.41 0.00	15.95 0.28 0.00	15.30 0.36 0.00	14.87 0.33 0.00	15.45 0.38 0.00	16.91 0.40 0.00	19.87 0.47 0.00	21.44 0.32 0.00	21.94 0.49 0.00	21.73 0.53 0.00	20.93 0.61 0.00	20.43 0.56 0.00	19.95 0.43 0.00	20.81 0.61 0.00	21.01 0.61 0.00	21.29 0.64 0.00	22.55 0.72 0.00	25.35 0.62 0.00	26.67 0.65 0.00	25.10 0.54 0.00	24.94 0.56 0.00	22.91 0.62 0.00	21.57 0.57 0.00	19.24 0.49 0.00
HIGH FALLS___HY 23754	18.44 0.69 0.00	16.27 0.61 0.00	15.45 0.51 0.00	15.03 0.49 0.00	15.57 0.50 0.00	17.09 0.58 0.00	20.26 0.85 0.00	22.12 0.99 0.00	22.46 1.01 0.00	22.22 1.02 0.00	21.50 1.18 0.00	21.13 1.25 0.00	20.79 1.27 0.00	21.52 1.31 0.00	21.68 1.29 0.00	21.97 1.32 0.00	23.36 1.53 0.00	26.62 1.88 0.00	27.99 1.98 0.00	26.40 1.84 0.00	26.15 1.78 0.00	23.69 1.40 0.00	22.10 1.09 0.00	19.91 1.16 0.00
HILLBURN___GT 23639	18.58 0.83 0.00	16.43 0.77 0.00	15.60 0.66 0.00	15.16 0.62 0.00	15.72 0.65 0.00	17.24 0.73 0.00	20.39 0.99 0.00	22.20 1.08 0.00	22.57 1.11 0.00	22.37 1.17 0.00	21.64 1.32 0.00	21.24 1.37 0.00	20.91 1.39 0.00	21.66 1.46 0.00	21.81 1.41 0.00	22.05 1.40 0.00	23.43 1.59 0.00	26.64 1.90 0.00	27.97 1.95 0.00	26.35 1.79 0.00	26.11 1.73 0.00	23.71 1.43 0.00	22.18 1.18 0.00	19.91 1.16 0.00
HILLSIDE_115KV_TB1 80332	17.90 0.16 0.00	15.74 0.08 0.00	15.07 0.13 0.00	14.67 0.13 0.00	15.22 0.15 0.00	16.64 0.13 0.00	19.56 0.16 0.00	21.06 -0.06 0.00	21.56 0.11 0.00	21.42 0.21 0.00	20.59 0.26 0.00	20.09 0.22 0.00	19.66 0.14 0.00	20.47 0.26 0.00	20.66 0.27 0.00	20.96 0.31 0.00	22.18 0.35 0.00	24.96 0.22 0.00	26.22 0.21 0.00	24.66 0.10 0.00	24.50 0.12 0.00	22.48 0.20 0.00	21.19 0.19 0.00	18.92 0.17 0.00
HISHELDN_WT_PWR 323625	17.85 0.11 0.00	15.65 -0.02 0.00	15.10 0.16 0.00	14.70 0.16 0.00	15.25 0.18 0.00	16.56 0.05 0.00	19.36 -0.04 0.00	20.68 -0.44 0.00	21.32 -0.13 0.00	21.18 -0.02 0.00	20.49 0.16 0.00	19.91 0.04 0.00	19.50 -0.02 0.00	20.29 0.08 0.00	20.52 0.12 0.00	20.77 0.12 0.00	21.99 0.15 0.00	24.66 -0.07 0.00	25.86 -0.16 0.00	24.34 -0.22 0.00	24.15 -0.22 0.00	22.33 0.04 0.00	21.09 0.08 0.00	18.81 0.06 0.00
HOLTSVILLE_IC_1 23690	22.84 1.28 -3.82	19.79 1.21 -2.92	17.43 1.09 -1.40	17.43 1.06 -1.83	18.32 1.10 -2.15	19.98 1.20 -2.27	24.98 1.49 -4.08	29.10 1.79 -6.18	30.51 1.89 -7.17	29.27 1.70 -6.37	27.53 1.91 -5.30	27.53 1.95 -5.71	27.61 1.76 -6.33	28.18 2.06 -5.91	30.31 2.00 -7.91	30.65 1.98 -8.02	40.95 2.29 -16.82	41.00 2.70 -13.57	29.09 3.07 -0.01	27.44 2.87 -0.01	27.18 2.80 -0.01	25.99 2.32 -1.39	23.09 2.08 -0.01	20.67 1.91 -0.01
HOLTSVILLE_IC_10 23699	22.89 1.33 -3.82	19.86 1.27 -2.92	17.49 1.15 -1.40	17.49 1.12 -1.83	18.38 1.16 -2.15	20.05 1.27 -2.27	25.05 1.57 -4.08	29.23 1.92 -6.18	30.63 2.02 -7.17	29.35 1.78 -6.37	27.67 2.05 -5.30	27.65 2.07 -5.71	27.71 1.86 -6.33	28.32 2.20 -5.91	30.45 2.14 -7.91	30.79 2.13 -8.02	41.10 2.44 -16.82	41.20 2.89 -13.57	29.30 3.28 -0.01	27.63 3.07 -0.01	27.36 2.97 -0.01	26.15 2.47 -1.39	23.22 2.20 -0.01	20.79 2.03 -0.01
HOLTSVILLE_IC_2 23691	22.84 1.28 -3.82	19.79 1.21 -2.92	17.43 1.09 -1.40	17.43 1.06 -1.83	18.32 1.10 -2.15	19.98 1.20 -2.27	24.98 1.49 -4.08	29.10 1.79 -6.18	30.51 1.89 -7.17	29.27 1.70 -6.37	27.53 1.91 -5.30	27.53 1.95 -5.71	27.61 1.76 -6.33	28.18 2.06 -5.91	30.31 2.00 -7.91	30.65 1.98 -8.02	40.95 2.29 -16.82	41.00 2.70 -13.57	29.09 3.07 -0.01	27.44 2.87 -0.01	27.18 2.80 -0.01	25.99 2.32 -1.39	23.09 2.08 -0.01	20.67 1.91 -0.01
HOLTSVILLE_IC_3 23692	22.84 1.28 -3.82	19.79 1.21 -2.92	17.43 1.09 -1.40	17.43 1.06 -1.83	18.32 1.10 -2.15	19.98 1.20 -2.27	24.98 1.49 -4.08	29.10 1.79 -6.18	30.51 1.89 -7.17	29.27 1.70 -6.37	27.53 1.91 -5.30	27.53 1.95 -5.71	27.61 1.76 -6.33	28.18 2.06 -5.91	30.31 2.00 -7.91	30.65 1.98 -8.02	40.95 2.29 -16.82	41.00 2.70 -13.57	29.09 3.07 -0.01	27.44 2.87 -0.01	27.18 2.80 -0.01	25.99 2.32 -1.39	23.09 2.08 -0.01	20.67 1.91 -0.01



HOLTSVILLE_IC_4 23693	22.84 1.28 -3.82	19.79 1.21 -2.92	17.43 1.09 -1.40	17.43 1.06 -1.83	18.32 1.10 -2.15	19.98 1.20 -2.27	24.98 1.49 -4.08	29.10 1.79 -6.18	30.51 1.89 -7.17	29.27 1.70 -6.37	27.53 1.91 -5.30	27.53 1.95 -5.71	27.61 1.76 -6.33	28.18 2.06 -5.91	30.31 2.00 -7.91	30.65 1.98 -8.02	40.95 2.29 -16.82	41.00 2.70 -13.57	29.09 3.07 -0.01	27.44 2.87 -0.01	27.18 2.80 -0.01	25.99 2.32 -1.39	23.09 2.08 -0.01	20.67 1.91 -0.01
HOLTSVILLE_IC_5 23694	22.84 1.28 -3.82	19.79 1.21 -2.92	17.43 1.09 -1.40	17.43 1.06 -1.83	18.32 1.10 -2.15	19.98 1.20 -2.27	24.98 1.49 -4.08	29.10 1.79 -6.18	30.51 1.89 -7.17	29.27 1.70 -6.37	27.53 1.91 -5.30	27.53 1.95 -5.71	27.61 1.76 -6.33	28.18 2.06 -5.91	30.31 2.00 -7.91	30.65 1.98 -8.02	40.95 2.29 -16.82	41.00 2.70 -13.57	29.09 3.07 -0.01	27.44 2.87 -0.01	27.18 2.80 -0.01	25.99 2.32 -1.39	23.09 2.08 -0.01	20.67 1.91 -0.01
HOLTSVILLE_IC_6 23695	22.89 1.33 -3.82	19.86 1.27 -2.92	17.49 1.15 -1.40	17.49 1.12 -1.83	18.38 1.16 -2.15	20.05 1.27 -2.27	25.05 1.57 -4.08	29.23 1.92 -6.18	30.63 2.02 -7.17	29.35 1.78 -6.37	27.67 2.05 -5.30	27.65 2.07 -5.71	27.71 1.86 -6.33	28.32 2.20 -5.91	30.45 2.14 -7.91	30.79 2.13 -8.02	41.10 2.44 -16.82	41.20 2.89 -13.57	29.30 3.28 -0.01	27.63 3.07 -0.01	27.36 2.97 -0.01	26.15 2.47 -1.39	23.22 2.20 -0.01	20.79 2.03 -0.01
HOLTSVILLE_IC_7 23696	22.89 1.33 -3.82	19.86 1.27 -2.92	17.49 1.15 -1.40	17.49 1.12 -1.83	18.38 1.16 -2.15	20.05 1.27 -2.27	25.05 1.57 -4.08	29.23 1.92 -6.18	30.63 2.02 -7.17	29.35 1.78 -6.37	27.67 2.05 -5.30	27.65 2.07 -5.71	27.71 1.86 -6.33	28.32 2.20 -5.91	30.45 2.14 -7.91	30.79 2.13 -8.02	41.10 2.44 -16.82	41.20 2.89 -13.57	29.30 3.28 -0.01	27.63 3.07 -0.01	27.36 2.97 -0.01	26.15 2.47 -1.39	23.22 2.20 -0.01	20.79 2.03 -0.01
HOLTSVILLE_IC_8 23697	22.89 1.33 -3.82	19.86 1.27 -2.92	17.49 1.15 -1.40	17.49 1.12 -1.83	18.38 1.16 -2.15	20.05 1.27 -2.27	25.05 1.57 -4.08	29.23 1.92 -6.18	30.63 2.02 -7.17	29.35 1.78 -6.37	27.67 2.05 -5.30	27.65 2.07 -5.71	27.71 1.86 -6.33	28.32 2.20 -5.91	30.45 2.14 -7.91	30.79 2.13 -8.02	41.10 2.44 -16.82	41.20 2.89 -13.57	29.30 3.28 -0.01	27.63 3.07 -0.01	27.36 2.97 -0.01	26.15 2.47 -1.39	23.22 2.20 -0.01	20.79 2.03 -0.01
HOLTSVILLE_IC_9 23698	22.89 1.33 -3.82	19.86 1.27 -2.92	17.49 1.15 -1.40	17.49 1.12 -1.83	18.38 1.16 -2.15	20.05 1.27 -2.27	25.05 1.57 -4.08	29.23 1.92 -6.18	30.63 2.02 -7.17	29.35 1.78 -6.37	27.67 2.05 -5.30	27.65 2.07 -5.71	27.71 1.86 -6.33	28.32 2.20 -5.91	30.45 2.14 -7.91	30.79 2.13 -8.02	41.10 2.44 -16.82	41.20 2.89 -13.57	29.30 3.28 -0.01	27.63 3.07 -0.01	27.36 2.97 -0.01	26.15 2.47 -1.39	23.22 2.20 -0.01	20.79 2.03 -0.01
HOMER_HL_115KV_TB2 355744	17.90 0.16 0.00	15.71 0.05 0.00	15.10 0.16 0.00	14.70 0.16 0.00	15.27 0.20 0.00	16.61 0.10 0.00	19.50 0.10 0.00	20.81 -0.32 0.00	21.43 -0.02 0.00	21.29 0.08 0.00	20.61 0.28 0.00	20.05 0.18 0.00	19.52 0.00 0.00	20.45 0.24 0.00	20.64 0.24 0.00	20.96 0.31 0.00	22.18 0.35 0.00	24.84 0.10 0.00	26.01 0.00 0.00	24.43 -0.12 0.00	24.25 -0.12 0.00	22.39 0.11 0.00	21.09 0.08 0.00	18.88 0.13 0.00
HOWARD_WT_PWR 323690	18.24 0.50 0.00	16.01 0.34 0.00	15.39 0.45 0.00	14.98 0.44 0.00	15.57 0.50 0.00	16.99 0.48 0.00	19.94 0.54 0.00	21.38 0.25 0.00	21.92 0.47 0.00	21.78 0.57 0.00	20.95 0.63 0.00	20.39 0.52 0.00	19.99 0.47 0.00	20.77 0.56 0.00	20.97 0.57 0.00	21.25 0.60 0.00	22.49 0.65 0.00	25.28 0.54 0.00	26.59 0.57 0.00	25.05 0.49 0.00	24.89 0.51 0.00	22.93 0.65 0.00	21.63 0.63 0.00	19.26 0.51 0.00
HQ_GEN_CEDARS 23644	17.66 -0.09 0.00	15.59 -0.08 0.00	14.89 -0.04 0.00	14.50 -0.04 0.00	15.01 -0.06 0.00	16.45 -0.07 0.00	19.25 -0.16 0.00	20.98 -0.15 0.00	21.22 -0.24 0.00	20.99 -0.21 0.00	20.14 -0.18 0.00	19.66 -0.22 0.00	19.37 -0.16 0.00	19.92 -0.28 0.00	20.20 -0.20 0.00	20.40 -0.25 0.00	21.40 -0.44 0.00	24.32 -0.42 0.00	25.60 -0.42 0.00	24.12 -0.44 0.00	24.06 -0.32 0.00	21.97 -0.31 0.00	20.75 -0.25 0.00	18.47 -0.28 0.00
HQ_GEN_CEDARS_PROXY 323590	17.66 -0.09 0.00	15.59 -0.08 0.00	14.89 -0.04 0.00	14.50 -0.04 0.00	15.01 -0.06 0.00	16.45 -0.07 0.00	19.25 -0.16 0.00	20.98 -0.15 0.00	21.22 -0.24 0.00	20.99 -0.21 0.00	20.14 -0.18 0.00	19.66 -0.22 0.00	19.37 -0.16 0.00	19.92 -0.28 0.00	20.20 -0.20 0.00	20.40 -0.25 0.00	21.40 -0.44 0.00	24.24 -0.49 0.00	25.60 -0.42 0.00	24.12 -0.44 0.00	24.06 -0.32 0.00	21.97 -0.31 0.00	20.75 -0.25 0.00	18.47 -0.28 0.00
HQ_GEN_IMPORT 323601	17.53 -0.21 0.00	15.48 -0.19 0.00	14.77 -0.16 0.00	14.38 -0.16 0.00	14.90 -0.17 0.00	16.31 -0.20 0.00	19.11 -0.29 0.00	20.85 -0.28 0.00	21.15 -0.30 0.00	20.91 -0.30 0.00	20.06 -0.26 0.00	19.60 -0.28 0.00	19.27 -0.25 0.00	19.90 -0.30 0.00	20.11 -0.29 0.00	20.36 -0.29 0.00	21.46 -0.37 0.00	24.32 -0.42 0.00	25.60 -0.42 0.00	24.16 -0.39 0.00	24.01 -0.36 0.00	21.95 -0.33 0.00	20.69 -0.31 0.00	18.43 -0.32 0.00
HQ_GEN_WHEEL 23651	17.53 -0.21 0.00	15.48 -0.19 0.00	14.77 -0.16 0.00	14.38 -0.16 0.00	14.90 -0.17 0.00	16.31 -0.20 0.00	19.11 -0.29 0.00	20.85 -0.28 0.00	21.15 -0.30 0.00	20.91 -0.30 0.00	20.06 -0.26 0.00	19.60 -0.28 0.00	19.27 -0.25 0.00	19.90 -0.30 0.00	20.11 -0.29 0.00	20.36 -0.29 0.00	21.46 -0.37 0.00	24.32 -0.42 0.00	25.60 -0.42 0.00	24.16 -0.39 0.00	24.01 -0.36 0.00	21.95 -0.33 0.00	20.69 -0.31 0.00	18.43 -0.32 0.00
HUDSON_AVE_GT_3 23810	18.79 1.05 0.00	16.62 0.96 0.00	15.76 0.82 0.00	15.34 0.80 0.00	15.88 0.81 0.00	17.44 0.92 0.00	20.62 1.22 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	21.99 1.65 -0.02	21.79 1.67 -0.25	21.16 1.62 -0.02	22.13 1.76 -0.17	22.16 1.73 -0.03	22.32 1.67 0.00	23.73 1.88 -0.02	27.31 2.23 -0.35	28.36 2.34 0.00	26.74 2.19 0.00	26.45 2.07 0.00	24.00 1.72 0.00	22.41 1.41 0.00	20.14 1.39 0.00
HUDSON_AVE_GT_4 23540	18.79 1.05 0.00	16.62 0.96 0.00	15.76 0.82 0.00	15.34 0.80 0.00	15.88 0.81 0.00	17.44 0.92 0.00	20.62 1.22 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	21.99 1.65 -0.02	21.79 1.67 -0.25	21.16 1.62 -0.02	22.13 1.76 -0.17	22.16 1.73 -0.03	22.32 1.67 0.00	23.73 1.88 -0.02	27.31 2.23 -0.35	28.36 2.34 0.00	26.74 2.19 0.00	26.45 2.07 0.00	24.00 1.72 0.00	22.41 1.41 0.00	20.14 1.39 0.00
HUDSON_AVE_GT_5 23657	18.79 1.05 0.00	16.62 0.96 0.00	15.76 0.82 0.00	15.34 0.80 0.00	15.88 0.81 0.00	17.44 0.92 0.00	20.62 1.22 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	21.99 1.65 -0.02	21.79 1.67 -0.25	21.16 1.62 -0.02	22.13 1.76 -0.17	22.16 1.73 -0.03	22.32 1.67 0.00	23.73 1.88 -0.02	27.31 2.23 -0.35	28.36 2.34 0.00	26.74 2.19 0.00	26.45 2.07 0.00	24.00 1.72 0.00	22.41 1.41 0.00	20.14 1.39 0.00



HUDSON_AVE_10 24168	18.76 1.01 0.00	16.59 0.92 0.00	15.72 0.78 0.00	15.30 0.76 0.00	15.84 0.77 0.00	17.39 0.88 0.00	20.59 1.18 0.00	22.50 1.37 0.00	22.87 1.42 0.00	22.60 1.40 0.00	21.90 1.56 -0.02	21.69 1.57 -0.25	21.06 1.52 -0.02	22.03 1.66 -0.17	22.06 1.63 -0.03	22.26 1.61 0.00	23.66 1.81 -0.02	27.22 2.13 -0.35	28.28 2.26 0.00	26.69 2.14 0.00	26.40 2.02 0.00	23.95 1.67 0.00	22.39 1.39 0.00	20.10 1.35 0.00
HUDSON___115KV_TB 4 355613	18.53 0.78 0.00	16.42 0.75 0.00	15.61 0.67 0.00	15.19 0.65 0.00	15.73 0.66 0.00	17.24 0.73 0.00	20.26 0.85 0.00	21.95 0.82 0.00	22.20 0.75 0.00	21.88 0.68 0.00	21.18 0.85 0.00	20.71 0.83 0.00	20.36 0.84 0.00	21.05 0.85 0.00	21.21 0.82 0.00	21.47 0.83 0.00	22.68 0.85 0.00	25.82 1.09 0.00	27.19 1.17 0.00	25.74 1.18 0.00	25.50 1.12 0.00	23.26 0.98 0.00	21.80 0.80 0.00	19.56 0.81 0.00
HUNTER MOUNT___DRP 323613	18.54 0.80 0.00	16.43 0.77 0.00	15.64 0.70 0.00	15.22 0.68 0.00	15.76 0.69 0.00	17.25 0.74 0.00	20.28 0.87 0.00	21.99 0.87 0.00	22.22 0.77 0.00	21.84 0.64 0.00	21.16 0.83 0.00	20.69 0.81 0.00	20.32 0.80 0.00	21.01 0.81 0.00	21.17 0.78 0.00	21.45 0.81 0.00	22.66 0.83 0.00	25.82 1.09 0.00	27.19 1.17 0.00	25.76 1.20 0.00	25.54 1.17 0.00	23.29 1.00 0.00	21.78 0.78 0.00	19.60 0.84 0.00
HUNTINGTON_RES_REC 323705	22.84 1.28 -3.82	19.76 1.18 -2.92	17.39 1.05 -1.40	17.39 1.02 -1.83	18.27 1.05 -2.15	19.95 1.17 -2.27	24.96 1.47 -4.08	29.12 1.82 -6.18	30.48 1.87 -7.17	29.27 1.70 -6.37	27.49 1.87 -5.30	27.49 1.91 -5.71	27.58 1.72 -6.33	28.11 2.00 -5.91	30.25 1.94 -7.91	30.59 1.92 -8.02	40.86 2.20 -16.82	40.92 2.62 -13.57	28.94 2.91 -0.01	27.34 2.77 -0.01	27.09 2.71 -0.01	25.97 2.30 -1.39	23.07 2.06 -0.01	20.67 1.91 -0.01
HUNTLEY___63 23557	17.71 -0.04 0.00	15.51 -0.16 0.00	15.00 0.06 0.00	14.60 0.06 0.00	15.15 0.08 0.00	16.41 -0.10 0.00	19.11 -0.29 0.00	20.39 -0.74 0.00	21.09 -0.36 0.00	20.95 -0.25 0.00	20.26 -0.06 0.00	19.75 -0.12 0.00	19.39 -0.14 0.00	20.15 -0.06 0.00	20.32 -0.08 0.00	20.65 0.00 0.00	21.85 0.02 0.00	24.44 -0.30 0.00	25.57 -0.44 0.00	24.12 -0.44 0.00	23.94 -0.44 0.00	22.15 -0.13 0.00	20.94 -0.06 0.00	18.68 -0.08 0.00
HUNTLEY___64 23558	17.71 -0.04 0.00	15.51 -0.16 0.00	15.00 0.06 0.00	14.60 0.06 0.00	15.15 0.08 0.00	16.41 -0.10 0.00	19.11 -0.29 0.00	20.39 -0.74 0.00	21.09 -0.36 0.00	20.95 -0.25 0.00	20.26 -0.06 0.00	19.75 -0.12 0.00	19.39 -0.14 0.00	20.15 -0.06 0.00	20.32 -0.08 0.00	20.65 0.00 0.00	21.85 0.02 0.00	24.44 -0.30 0.00	25.57 -0.44 0.00	24.12 -0.44 0.00	23.94 -0.44 0.00	22.15 -0.13 0.00	20.94 -0.06 0.00	18.68 -0.08 0.00
HUNTLEY___65 23559	17.71 -0.04 0.00	15.51 -0.16 0.00	15.00 0.06 0.00	14.60 0.06 0.00	15.15 0.08 0.00	16.41 -0.10 0.00	19.11 -0.29 0.00	20.39 -0.74 0.00	21.09 -0.36 0.00	20.95 -0.25 0.00	20.26 -0.06 0.00	19.75 -0.12 0.00	19.39 -0.14 0.00	20.15 -0.06 0.00	20.32 -0.08 0.00	20.65 0.00 0.00	21.85 0.02 0.00	24.44 -0.30 0.00	25.57 -0.44 0.00	24.12 -0.44 0.00	23.94 -0.44 0.00	22.15 -0.13 0.00	20.94 -0.06 0.00	18.68 -0.08 0.00
HUNTLEY___66 23560	17.71 -0.04 0.00	15.51 -0.16 0.00	15.00 0.06 0.00	14.60 0.06 0.00	15.15 0.08 0.00	16.41 -0.10 0.00	19.11 -0.29 0.00	20.39 -0.74 0.00	21.09 -0.36 0.00	20.95 -0.25 0.00	20.26 -0.06 0.00	19.75 -0.12 0.00	19.39 -0.14 0.00	20.15 -0.06 0.00	20.32 -0.08 0.00	20.65 0.00 0.00	21.85 0.02 0.00	24.44 -0.30 0.00	25.57 -0.44 0.00	24.12 -0.44 0.00	23.94 -0.44 0.00	22.15 -0.13 0.00	20.94 -0.06 0.00	18.68 -0.08 0.00
HUNTLEY___67 23561	17.67 -0.07 0.00	15.49 -0.17 0.00	14.98 0.04 0.00	14.58 0.04 0.00	15.13 0.06 0.00	16.38 -0.13 0.00	19.11 -0.29 0.00	20.39 -0.74 0.00	21.07 -0.39 0.00	20.93 -0.28 0.00	20.18 -0.14 0.00	19.67 -0.20 0.00	19.29 -0.23 0.00	20.04 -0.16 0.00	20.22 -0.18 0.00	20.55 -0.10 0.00	21.74 -0.09 0.00	24.32 -0.42 0.00	25.47 -0.55 0.00	24.02 -0.54 0.00	23.84 -0.54 0.00	22.06 -0.22 0.00	20.86 -0.15 0.00	18.60 -0.15 0.00
HUNTLEY___68 23562	17.67 -0.07 0.00	15.49 -0.17 0.00	14.98 0.04 0.00	14.58 0.04 0.00	15.13 0.06 0.00	16.38 -0.13 0.00	19.11 -0.29 0.00	20.39 -0.74 0.00	21.07 -0.39 0.00	20.93 -0.28 0.00	20.18 -0.14 0.00	19.67 -0.20 0.00	19.29 -0.23 0.00	20.04 -0.16 0.00	20.22 -0.18 0.00	20.55 -0.10 0.00	21.74 -0.09 0.00	24.32 -0.42 0.00	25.47 -0.55 0.00	24.02 -0.54 0.00	23.84 -0.54 0.00	22.06 -0.22 0.00	20.86 -0.15 0.00	18.60 -0.15 0.00
HYLAND___LFGE 323620	18.40 0.66 0.00	16.12 0.45 0.00	15.54 0.60 0.00	15.14 0.60 0.00	15.70 0.63 0.00	17.19 0.68 0.00	20.04 0.64 0.00	21.29 0.17 0.00	21.60 0.15 0.00	21.25 0.04 0.00	20.53 0.20 0.00	19.85 -0.02 0.00	19.29 -0.23 0.00	20.15 -0.06 0.00	20.48 0.08 0.00	20.71 0.06 0.00	22.05 0.22 0.00	25.01 0.27 0.00	26.59 0.57 0.00	25.39 0.84 0.00	25.35 0.98 0.00	23.35 1.07 0.00	22.01 1.01 0.00	19.54 0.79 0.00
INDECK___CORINTH 23802	19.09 1.35 0.00	16.87 1.21 0.00	16.03 1.09 0.00	15.60 1.06 0.00	16.17 1.10 0.00	17.77 1.25 0.00	21.03 1.63 0.00	22.79 1.67 0.00	23.10 1.65 0.00	22.71 1.51 0.00	21.91 1.59 0.00	21.28 1.41 0.00	20.85 1.33 0.00	21.60 1.39 0.00	21.72 1.33 0.00	22.03 1.38 0.00	23.32 1.49 0.00	26.72 1.98 0.00	28.10 2.08 0.00	26.62 2.06 0.00	26.42 2.05 0.00	24.18 1.89 0.00	22.62 1.62 0.00	20.23 1.48 0.00
INDECK___ILION 23567	17.90 0.16 0.00	15.79 0.13 0.00	15.06 0.12 0.00	14.66 0.12 0.00	15.19 0.12 0.00	16.66 0.15 0.00	19.62 0.21 0.00	21.25 0.13 0.00	21.58 0.13 0.00	21.39 0.19 0.00	20.43 0.10 0.00	19.97 0.10 0.00	19.68 0.16 0.00	20.31 0.10 0.00	20.50 0.10 0.00	20.75 0.10 0.00	21.94 0.11 0.00	24.86 0.12 0.00	26.17 0.16 0.00	24.70 0.15 0.00	24.52 0.15 0.00	22.42 0.13 0.00	21.11 0.11 0.00	18.85 0.09 0.00
INDECK___OLEAN 23982	17.90 0.16 0.00	15.71 0.05 0.00	15.10 0.16 0.00	14.70 0.16 0.00	15.27 0.20 0.00	16.61 0.10 0.00	19.50 0.10 0.00	20.81 -0.32 0.00	21.43 -0.02 0.00	21.29 0.09 0.00	20.65 0.32 0.00	20.03 0.16 0.00	19.54 0.02 0.00	20.45 0.24 0.00	20.68 0.29 0.00	20.96 0.31 0.00	22.18 0.35 0.00	24.89 0.15 0.00	26.04 0.03 0.00	24.44 -0.12 0.00	24.25 -0.12 0.00	22.39 0.11 0.00	21.11 0.11 0.00	18.88 0.13 0.00
INDECK___OSWEGO 23783	17.50 -0.25 0.00	15.41 -0.25 0.00	14.73 -0.21 0.00	14.34 -0.20 0.00	14.86 -0.21 0.00	16.30 -0.22 0.00	19.17 -0.23 0.00	20.81 -0.32 0.00	21.15 -0.30 0.00	20.95 -0.25 0.00	19.88 -0.45 0.00	19.42 -0.46 0.00	19.09 -0.43 0.00	19.76 -0.44 0.00	19.93 -0.47 0.00	20.21 -0.43 0.00	21.40 -0.44 0.00	24.19 -0.54 0.00	25.44 -0.57 0.00	24.02 -0.54 0.00	23.86 -0.51 0.00	21.88 -0.40 0.00	20.69 -0.31 0.00	18.45 -0.30 0.00



INDECK___YERKES 23781	17.71 -0.04 0.00	15.49 -0.17 0.00	15.00 0.06 0.00	14.60 0.06 0.00	15.15 0.08 0.00	16.41 -0.10 0.00	19.11 -0.29 0.00	20.39 -0.74 0.00	21.09 -0.36 0.00	20.95 -0.25 0.00	20.36 0.04 0.00	19.77 -0.10 0.00	19.41 -0.12 0.00	20.17 -0.04 0.00	20.38 -0.02 0.00	20.65 0.00 0.00	21.88 0.04 0.00	24.46 -0.27 0.00	25.65 -0.36 0.00	24.14 -0.42 0.00	23.94 -0.44 0.00	22.17 -0.11 0.00	20.98 -0.02 0.00	18.68 -0.07 0.00
INDIAN POINT_GT_1 24139	18.61 0.87 0.00	16.46 0.80 0.00	15.61 0.67 0.00	15.19 0.65 0.00	15.73 0.66 0.00	17.27 0.76 0.00	20.43 1.03 0.00	22.29 1.16 0.00	22.65 1.20 0.00	22.39 1.19 0.00	21.73 1.40 0.00	21.30 1.43 0.00	20.91 1.39 0.00	21.70 1.50 0.00	21.89 1.49 0.00	22.07 1.42 0.00	23.47 1.64 0.00	26.67 1.93 0.00	28.04 2.03 0.00	26.45 1.89 0.00	26.18 1.80 0.00	23.80 1.52 0.00	22.22 1.22 0.00	19.95 1.20 0.00
INDIAN POINT_GT_2 23659	18.61 0.87 0.00	16.46 0.80 0.00	15.61 0.67 0.00	15.19 0.65 0.00	15.73 0.66 0.00	17.27 0.76 0.00	20.43 1.03 0.00	22.29 1.16 0.00	22.65 1.20 0.00	22.39 1.19 0.00	21.73 1.40 0.00	21.30 1.43 0.00	20.91 1.39 0.00	21.70 1.50 0.00	21.89 1.49 0.00	22.07 1.42 0.00	23.47 1.64 0.00	26.67 1.93 0.00	28.04 2.03 0.00	26.45 1.89 0.00	26.18 1.80 0.00	23.80 1.52 0.00	22.22 1.22 0.00	19.95 1.20 0.00
INDIAN POINT_GT_3 24019	18.61 0.87 0.00	16.46 0.80 0.00	15.61 0.67 0.00	15.19 0.65 0.00	15.73 0.66 0.00	17.27 0.76 0.00	20.43 1.03 0.00	22.29 1.16 0.00	22.65 1.20 0.00	22.39 1.19 0.00	21.73 1.40 0.00	21.30 1.43 0.00	20.91 1.39 0.00	21.70 1.50 0.00	21.89 1.49 0.00	22.07 1.42 0.00	23.47 1.64 0.00	26.67 1.93 0.00	28.04 2.03 0.00	26.45 1.89 0.00	26.18 1.80 0.00	23.80 1.52 0.00	22.22 1.22 0.00	19.95 1.20 0.00
INDIAN POINT___2 23530	18.60 0.85 0.00	16.45 0.78 0.00	15.60 0.66 0.00	15.18 0.64 0.00	15.72 0.65 0.00	17.26 0.74 0.00	20.41 1.01 0.00	22.27 1.14 0.00	22.63 1.18 0.00	22.37 1.17 0.00	21.69 1.36 0.00	21.28 1.41 0.00	20.89 1.37 0.00	21.70 1.50 0.00	21.85 1.45 0.00	22.07 1.42 0.00	23.45 1.62 0.00	26.69 1.95 0.00	27.99 1.98 0.00	26.42 1.87 0.00	26.15 1.78 0.00	23.78 1.49 0.00	22.22 1.22 0.00	19.95 1.20 0.00
INDIAN POINT___3 23531	18.60 0.85 0.00	16.46 0.80 0.00	15.61 0.67 0.00	15.19 0.65 0.00	15.73 0.66 0.00	17.27 0.76 0.00	20.41 1.01 0.00	22.29 1.16 0.00	22.63 1.18 0.00	22.37 1.17 0.00	21.71 1.38 0.00	21.30 1.43 0.00	20.89 1.37 0.00	21.70 1.50 0.00	21.87 1.47 0.00	22.07 1.42 0.00	23.45 1.62 0.00	26.67 1.93 0.00	28.02 2.00 0.00	26.42 1.87 0.00	26.18 1.80 0.00	23.78 1.49 0.00	22.22 1.22 0.00	19.95 1.20 0.00
INGHAM_C_115KV_TB7 356103	17.96 0.21 0.00	15.84 0.17 0.00	15.12 0.18 0.00	14.70 0.16 0.00	15.24 0.17 0.00	16.73 0.21 0.00	19.69 0.29 0.00	21.27 0.15 0.00	21.58 0.13 0.00	21.46 0.25 0.00	20.43 0.10 0.00	19.97 0.10 0.00	19.72 0.20 0.00	20.29 0.08 0.00	20.48 0.08 0.00	20.73 0.08 0.00	21.90 0.07 0.00	24.81 0.07 0.00	26.12 0.10 0.00	24.68 0.12 0.00	24.50 0.12 0.00	22.42 0.13 0.00	21.09 0.08 0.00	18.85 0.09 0.00
IP CORINTH___1 23988	19.09 1.35 0.00	16.87 1.21 0.00	16.03 1.09 0.00	15.60 1.06 0.00	16.17 1.10 0.00	17.77 1.25 0.00	21.03 1.63 0.00	22.80 1.67 0.00	23.10 1.65 0.00	22.71 1.51 0.00	21.91 1.59 0.00	21.28 1.41 0.00	20.85 1.33 0.00	21.60 1.39 0.00	21.72 1.33 0.00	22.03 1.38 0.00	23.32 1.48 0.00	26.72 1.98 0.00	28.12 2.11 0.00	26.62 2.06 0.00	26.42 2.05 0.00	24.18 1.89 0.00	22.64 1.64 0.00	20.23 1.48 0.00
IP___TICONDEROGA 23804	19.96 2.22 0.00	17.61 1.94 0.00	16.75 1.81 0.00	16.30 1.76 0.00	16.91 1.84 0.00	18.63 2.11 0.00	22.16 2.76 0.00	23.89 2.77 0.00	24.18 2.72 0.00	23.77 2.57 0.00	22.84 2.52 0.00	22.20 2.33 0.00	21.73 2.21 0.00	22.43 2.22 0.00	22.58 2.18 0.00	22.90 2.25 0.00	24.21 2.38 0.00	27.73 2.99 0.00	29.21 3.20 0.00	27.73 3.17 0.00	27.57 3.19 0.00	25.29 3.01 0.00	23.65 2.65 0.00	21.08 2.33 0.00
ISLIP_RES_REC 323679	22.96 1.40 -3.82	19.90 1.32 -2.92	17.54 1.20 -1.40	17.53 1.16 -1.83	18.42 1.21 -2.15	20.10 1.32 -2.27	25.13 1.65 -4.08	29.34 2.03 -6.18	30.76 2.14 -7.17	29.46 1.89 -6.37	27.78 2.15 -5.30	27.75 2.17 -5.71	27.81 1.95 -6.33	28.44 2.32 -5.91	30.57 2.26 -7.91	30.92 2.25 -8.02	41.23 2.57 -16.82	41.35 3.04 -13.57	29.48 3.46 -0.01	27.81 3.24 -0.01	27.53 3.15 -0.01	26.28 2.61 -1.39	23.34 2.33 -0.01	20.88 2.12 -0.01
JAMAICA__27_KV_LOAD 355505	18.81 1.06 0.00	16.63 0.97 0.00	15.76 0.82 0.00	15.34 0.80 0.00	15.88 0.81 0.00	17.45 0.94 0.00	20.70 1.30 0.00	22.65 1.52 0.00	23.00 1.54 0.00	22.73 1.53 0.00	21.90 1.56 -0.02	21.65 1.53 -0.25	21.00 1.46 -0.02	21.99 1.62 -0.17	22.04 1.61 -0.03	22.32 1.67 0.00	23.68 1.83 -0.02	27.19 2.10 -0.35	28.43 2.42 0.00	26.84 2.28 0.00	26.54 2.17 0.00	24.04 1.76 0.00	22.54 1.53 0.00	20.21 1.46 0.00
JANIS___SOLAR 323808	18.44 0.69 0.00	16.23 0.56 0.00	15.52 0.58 0.00	15.11 0.57 0.00	15.66 0.59 0.00	17.22 0.71 0.00	20.35 0.95 0.00	22.01 0.89 0.00	22.20 0.75 0.00	21.93 0.72 0.00	20.89 0.57 0.00	20.37 0.50 0.00	19.99 0.47 0.00	20.65 0.44 0.00	20.87 0.47 0.00	21.25 0.60 0.00	22.53 0.70 0.00	25.55 0.82 0.00	27.03 1.01 0.00	25.59 1.03 0.00	25.52 1.15 0.00	23.33 1.05 0.00	21.95 0.95 0.00	19.52 0.77 0.00
JARVIS____ 23743	17.82 0.07 0.00	15.73 0.06 0.00	15.00 0.06 0.00	14.60 0.06 0.00	15.12 0.05 0.00	16.58 0.07 0.00	19.50 0.10 0.00	21.21 0.08 0.00	21.52 0.06 0.00	21.29 0.09 0.00	20.38 0.06 0.00	19.93 0.06 0.00	19.60 0.08 0.00	20.27 0.06 0.00	20.46 0.06 0.00	20.71 0.06 0.00	21.92 0.09 0.00	24.84 0.10 0.00	26.12 0.10 0.00	24.66 0.10 0.00	24.47 0.10 0.00	22.37 0.09 0.00	21.09 0.08 0.00	18.83 0.08 0.00
JENNISON___1 23625	18.49 0.75 0.00	16.27 0.61 0.00	15.55 0.61 0.00	15.14 0.60 0.00	15.69 0.62 0.00	17.24 0.73 0.00	20.37 0.97 0.00	22.08 0.95 0.00	22.33 0.88 0.00	22.12 0.91 0.00	21.12 0.79 0.00	20.63 0.76 0.00	20.28 0.76 0.00	20.95 0.75 0.00	21.15 0.75 0.00	21.58 0.93 0.00	22.86 1.03 0.00	25.90 1.16 0.00	27.34 1.33 0.00	25.83 1.28 0.00	25.74 1.36 0.00	23.53 1.25 0.00	22.10 1.09 0.00	19.67 0.92 0.00
JENNISON___2 23626	18.49 0.75 0.00	16.27 0.61 0.00	15.55 0.61 0.00	15.14 0.60 0.00	15.69 0.62 0.00	17.24 0.73 0.00	20.37 0.97 0.00	22.08 0.95 0.00	22.33 0.88 0.00	22.12 0.91 0.00	21.12 0.79 0.00	20.63 0.76 0.00	20.28 0.76 0.00	20.95 0.75 0.00	21.15 0.75 0.00	21.58 0.93 0.00	22.86 1.03 0.00	25.90 1.16 0.00	27.34 1.33 0.00	25.83 1.28 0.00	25.74 1.36 0.00	23.53 1.25 0.00	22.10 1.09 0.00	19.67 0.92 0.00



JERICO_RISE_WT_PWR 323719	18.05 0.30 0.00	15.91 0.25 0.00	15.21 0.27 0.00	14.80 0.26 0.00	15.34 0.27 0.00	16.81 0.30 0.00	19.67 0.27 0.00	21.53 0.40 0.00	21.79 0.34 0.00	21.46 0.26 0.00	20.69 0.37 0.00	20.17 0.30 0.00	19.85 0.33 0.00	20.45 0.24 0.00	20.72 0.33 0.00	20.96 0.31 0.00	22.01 0.17 0.00	24.98 0.25 0.00	26.41 0.39 0.00	24.83 0.27 0.00	24.74 0.37 0.00	22.53 0.25 0.00	21.26 0.25 0.00	18.90 0.15 0.00
KATONAH__115KV_46KV_TB4 355592	18.70 0.96 0.00	16.54 0.88 0.00	15.69 0.75 0.00	15.28 0.74 0.00	15.81 0.74 0.00	17.32 0.81 0.00	20.49 1.09 0.00	22.37 1.25 0.00	22.74 1.29 0.00	22.46 1.25 0.00	21.77 1.44 0.00	21.34 1.47 0.00	20.95 1.43 0.00	21.74 1.54 0.00	21.91 1.51 0.00	22.11 1.47 0.00	23.51 1.68 0.00	26.74 2.00 0.00	28.12 2.11 0.00	26.52 1.96 0.00	26.30 1.93 0.00	23.91 1.63 0.00	22.26 1.26 0.00	19.99 1.24 0.00
KCE_NY_1 323755	18.86 1.12 0.00	16.67 1.00 0.00	15.85 0.91 0.00	15.43 0.89 0.00	16.00 0.93 0.00	17.55 1.04 0.00	20.72 1.32 0.00	22.48 1.35 0.00	22.78 1.33 0.00	22.45 1.25 0.00	21.64 1.32 0.00	21.13 1.25 0.00	20.71 1.19 0.00	21.48 1.27 0.00	21.64 1.24 0.00	21.89 1.24 0.00	23.16 1.33 0.00	26.39 1.66 0.00	27.76 1.74 0.00	26.28 1.72 0.00	26.05 1.68 0.00	23.84 1.56 0.00	22.33 1.32 0.00	19.99 1.24 0.00
KCE_NY_6_ESR 323823	17.90 0.16 0.00	15.68 0.02 0.00	15.15 0.21 0.00	14.74 0.20 0.00	15.30 0.23 0.00	16.58 0.07 0.00	19.36 -0.04 0.00	20.66 -0.46 0.00	21.34 -0.11 0.00	21.20 0.00 0.00	20.53 0.20 0.00	19.95 0.08 0.00	19.54 0.02 0.00	20.33 0.12 0.00	20.56 0.16 0.00	20.83 0.19 0.00	22.05 0.22 0.00	24.71 -0.02 0.00	25.89 -0.13 0.00	24.34 -0.22 0.00	24.15 -0.22 0.00	22.35 0.07 0.00	21.15 0.15 0.00	18.85 0.09 0.00
KEDC_PORT_JEFF_GT2 24210	22.87 1.31 -3.82	19.82 1.24 -2.92	17.46 1.12 -1.40	17.46 1.09 -1.83	18.35 1.13 -2.15	20.02 1.24 -2.27	25.04 1.55 -4.08	29.17 1.86 -6.18	30.57 1.95 -7.17	29.33 1.76 -6.37	27.62 1.99 -5.30	27.59 2.01 -5.71	27.69 1.83 -6.33	28.28 2.16 -5.91	30.39 2.08 -7.91	30.73 2.06 -8.02	40.97 2.31 -16.82	41.05 2.75 -13.57	29.22 3.20 -0.01	27.56 2.99 -0.01	27.31 2.92 -0.01	26.10 2.43 -1.39	23.18 2.16 -0.01	20.75 1.99 -0.01
KEDC_PORT_JEFF_GT3 24211	22.87 1.31 -3.82	19.82 1.24 -2.92	17.46 1.12 -1.40	17.46 1.09 -1.83	18.35 1.13 -2.15	20.02 1.24 -2.27	25.04 1.55 -4.08	29.17 1.86 -6.18	30.57 1.95 -7.17	29.33 1.76 -6.37	27.62 1.99 -5.30	27.59 2.01 -5.71	27.69 1.83 -6.33	28.28 2.16 -5.91	30.39 2.08 -7.91	30.73 2.06 -8.02	40.97 2.31 -16.82	41.05 2.75 -13.57	29.22 3.20 -0.01	27.56 2.99 -0.01	27.31 2.92 -0.01	26.10 2.43 -1.39	23.18 2.16 -0.01	20.75 1.99 -0.01
KEDC_GLWD_GT4 24219	22.75 1.19 -3.82	19.65 1.07 -2.92	17.28 0.94 -1.40	17.28 0.92 -1.83	18.15 0.93 -2.15	19.82 1.04 -2.27	24.84 1.36 -4.08	28.87 1.56 -6.18	30.25 1.63 -7.17	29.14 1.57 -6.37	27.41 1.79 -5.30	27.41 1.83 -5.71	27.59 1.74 -6.33	28.01 1.90 -5.91	30.16 1.86 -7.91	30.50 1.84 -8.02	40.58 1.92 -16.82	40.58 2.27 -13.57	28.60 2.58 -0.01	27.00 2.43 -0.01	26.75 2.36 -0.01	25.64 1.96 -1.39	22.69 1.68 -0.01	20.37 1.61 -0.01
KEDC_GLWD_GT5 24220	22.75 1.19 -3.82	19.65 1.07 -2.92	17.28 0.94 -1.40	17.28 0.92 -1.83	18.15 0.93 -2.15	19.82 1.04 -2.27	24.84 1.36 -4.08	28.87 1.56 -6.18	30.25 1.63 -7.17	29.14 1.57 -6.37	27.41 1.79 -5.30	27.41 1.83 -5.71	27.59 1.74 -6.33	28.01 1.90 -5.91	30.16 1.86 -7.91	30.50 1.84 -8.02	40.58 1.92 -16.82	40.58 2.27 -13.57	28.60 2.58 -0.01	27.00 2.43 -0.01	26.75 2.36 -0.01	25.64 1.96 -1.39	22.69 1.68 -0.01	20.37 1.61 -0.01
KENSICO____ 23655	18.67 0.92 0.00	16.51 0.85 0.00	15.67 0.73 0.00	15.24 0.70 0.00	15.79 0.72 0.00	17.32 0.81 0.00	20.49 1.09 0.00	22.37 1.25 0.00	22.74 1.29 0.00	22.46 1.25 0.00	21.81 1.48 0.00	21.38 1.51 0.00	20.99 1.46 0.00	21.80 1.60 0.00	21.97 1.57 0.00	22.16 1.51 0.00	23.54 1.70 0.00	26.76 2.03 0.00	28.12 2.11 0.00	26.55 1.99 0.00	26.28 1.90 0.00	23.86 1.58 0.00	22.28 1.28 0.00	20.03 1.28 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	18.44 0.69 0.00	16.29 0.63 0.00	15.46 0.52 0.00	15.05 0.51 0.00	15.58 0.51 0.00	17.09 0.58 0.00	20.26 0.85 0.00	22.14 1.01 0.00	22.46 1.01 0.00	22.20 1.00 0.00	21.48 1.16 0.00	21.11 1.23 0.00	20.75 1.23 0.00	21.48 1.27 0.00	21.64 1.24 0.00	21.95 1.30 0.00	23.34 1.51 0.00	26.57 1.83 0.00	27.97 1.95 0.00	26.40 1.84 0.00	26.13 1.75 0.00	23.69 1.40 0.00	22.10 1.09 0.00	19.90 1.14 0.00
KIAC_JFK_GT1 23816	18.72 0.98 0.00	16.56 0.89 0.00	15.69 0.75 0.00	15.27 0.73 0.00	15.81 0.74 0.00	17.37 0.86 0.00	20.61 1.20 0.00	22.56 1.44 0.00	22.91 1.46 0.00	22.62 1.42 0.00	21.80 1.46 -0.02	21.55 1.43 -0.25	20.90 1.37 -0.02	21.91 1.54 -0.17	21.93 1.51 -0.03	22.22 1.57 0.00	23.57 1.72 -0.02	27.07 1.98 -0.35	28.28 2.26 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.93 1.65 0.00	22.45 1.45 0.00	20.12 1.37 0.00
KIAC_JFK_GT2 23817	18.72 0.98 0.00	16.56 0.89 0.00	15.69 0.75 0.00	15.27 0.73 0.00	15.81 0.74 0.00	17.37 0.86 0.00	20.61 1.20 0.00	22.56 1.44 0.00	22.91 1.46 0.00	22.62 1.42 0.00	21.80 1.46 -0.02	21.55 1.43 -0.25	20.90 1.37 -0.02	21.91 1.54 -0.17	21.93 1.51 -0.03	22.22 1.57 0.00	23.57 1.72 -0.02	27.07 1.98 -0.35	28.28 2.26 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.93 1.65 0.00	22.45 1.45 0.00	20.12 1.37 0.00
KIAC_JFK____ 323774	18.72 0.98 0.00	16.56 0.89 0.00	15.69 0.75 0.00	15.27 0.73 0.00	15.81 0.74 0.00	17.37 0.86 0.00	20.61 1.20 0.00	22.56 1.44 0.00	22.91 1.46 0.00	22.62 1.42 0.00	21.80 1.46 -0.02	21.55 1.43 -0.25	20.92 1.39 -0.02	21.91 1.53 -0.17	21.93 1.51 -0.03	22.22 1.57 0.00	23.57 1.72 -0.02	27.09 2.00 -0.35	28.28 2.26 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.93 1.65 0.00	22.43 1.43 0.00	20.12 1.37 0.00
KINTIGH____ 23543	17.55 -0.20 0.00	15.40 -0.27 0.00	14.89 -0.04 0.00	14.50 -0.04 0.00	15.02 -0.05 0.00	16.31 -0.20 0.00	19.03 -0.37 0.00	20.41 -0.72 0.00	21.04 -0.41 0.00	20.86 -0.34 0.00	20.06 -0.26 0.00	19.60 -0.28 0.00	19.21 -0.31 0.00	19.94 -0.26 0.00	20.11 -0.29 0.00	20.42 -0.23 0.00	21.61 -0.22 0.00	24.22 -0.52 0.00	25.36 -0.65 0.00	23.94 -0.61 0.00	23.77 -0.61 0.00	21.95 -0.33 0.00	20.77 -0.23 0.00	18.49 -0.26 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.33 0.59 0.00	16.16 0.50 0.00	15.43 0.49 0.00	15.02 0.48 0.00	15.57 0.50 0.00	17.07 0.56 0.00	20.00 0.60 0.00	21.87 0.74 0.00	22.14 0.69 0.00	21.78 0.57 0.00	21.01 0.69 0.00	20.47 0.60 0.00	20.19 0.66 0.00	20.75 0.55 0.00	21.05 0.65 0.00	21.29 0.64 0.00	22.36 0.52 0.00	25.50 0.77 0.00	26.87 0.86 0.00	25.27 0.71 0.00	25.15 0.78 0.00	22.88 0.60 0.00	21.57 0.57 0.00	19.18 0.43 0.00



LACHUTE___HYDRO 323717	19.96 2.22 0.00	17.61 1.94 0.00	16.75 1.81 0.00	16.30 1.76 0.00	16.91 1.84 0.00	18.63 2.11 0.00	22.16 2.75 0.00	23.89 2.77 0.00	24.18 2.72 0.00	23.77 2.56 0.00	22.84 2.52 0.00	22.20 2.32 0.00	21.73 2.21 0.00	22.43 2.22 0.00	22.58 2.18 0.00	22.90 2.25 0.00	24.21 2.38 0.00	27.73 2.99 0.00	29.21 3.20 0.00	27.73 3.17 0.00	27.57 3.19 0.00	25.29 3.01 0.00	23.65 2.65 0.00	21.08 2.32 0.00
LAWRNCAV_115KV_TB1 80681	17.76 0.02 0.00	15.66 0.00 0.00	14.97 0.03 0.00	14.57 0.03 0.00	15.08 0.02 0.00	16.54 0.03 0.00	19.38 -0.02 0.00	21.13 0.00 0.00	21.34 -0.11 0.00	21.10 -0.11 0.00	20.24 -0.08 0.00	19.73 -0.14 0.00	19.46 -0.06 0.00	19.98 -0.22 0.00	20.28 -0.12 0.00	20.42 -0.23 0.00	21.29 -0.55 0.00	24.22 -0.52 0.00	25.52 -0.49 0.00	24.04 -0.52 0.00	24.16 -0.22 0.00	22.08 -0.20 0.00	20.84 -0.17 0.00	18.53 -0.23 0.00
LEDERLE___ 23769	18.63 0.89 0.00	16.48 0.81 0.00	15.63 0.69 0.00	15.21 0.67 0.00	15.75 0.68 0.00	17.29 0.78 0.00	20.45 1.05 0.00	22.31 1.18 0.00	22.67 1.22 0.00	22.43 1.23 0.00	21.77 1.44 0.00	21.36 1.49 0.00	20.97 1.44 0.00	21.76 1.56 0.00	21.93 1.53 0.00	22.18 1.53 0.00	23.56 1.72 0.00	26.76 2.03 0.00	28.12 2.11 0.00	26.52 1.96 0.00	26.25 1.88 0.00	23.84 1.56 0.00	22.26 1.26 0.00	20.01 1.26 0.00
LIGHTHSE_115KV_TB6 355974	17.76 0.02 0.00	15.65 -0.02 0.00	14.95 0.01 0.00	14.55 0.01 0.00	15.07 0.00 0.00	16.54 0.03 0.00	19.50 0.10 0.00	21.15 0.02 0.00	21.43 -0.02 0.00	21.23 0.02 0.00	20.14 -0.18 0.00	19.67 -0.20 0.00	19.35 -0.18 0.00	19.98 -0.22 0.00	20.15 -0.24 0.00	20.40 -0.25 0.00	21.61 -0.22 0.00	24.46 -0.27 0.00	25.75 -0.26 0.00	24.39 -0.17 0.00	24.25 -0.12 0.00	22.28 0.00 0.00	21.02 0.02 0.00	18.71 -0.04 0.00
LINDEN COGEN___ 23786	18.72 0.98 0.00	16.56 0.89 0.00	15.70 0.76 0.00	15.28 0.74 0.00	15.82 0.75 0.00	17.37 0.86 0.00	20.53 1.12 0.00	22.39 1.27 0.00	22.80 1.35 0.00	22.54 1.34 0.00	21.84 1.50 -0.02	21.69 1.57 -0.25	21.06 1.52 -0.02	22.03 1.66 -0.17	22.04 1.61 -0.03	22.24 1.59 0.00	23.64 1.79 -0.02	27.27 2.18 -0.35	28.23 2.21 0.00	26.62 2.06 0.00	26.33 1.95 0.00	23.89 1.61 0.00	22.28 1.28 0.00	20.04 1.29 0.00
LINDHRST_69_KV_BK1 356055	23.00 1.44 -3.82	19.90 1.32 -2.92	17.51 1.17 -1.40	17.50 1.13 -1.83	18.39 1.18 -2.15	20.08 1.30 -2.27	25.13 1.65 -4.08	29.25 1.94 -6.18	30.66 2.04 -7.17	29.44 1.87 -6.37	27.72 2.09 -5.30	27.67 2.09 -5.71	27.81 1.95 -6.33	28.30 2.18 -5.91	30.49 2.18 -7.91	30.81 2.15 -8.02	41.12 2.47 -16.82	41.17 2.87 -13.57	29.19 3.17 0.00	27.55 3.00 0.00	27.30 2.92 0.00	26.12 2.45 -1.39	23.21 2.21 0.00	20.80 2.04 0.00
LIPA_MISC_IPP 23656	22.77 1.21 -3.82	19.76 1.17 -2.92	17.42 1.08 -1.40	17.41 1.05 -1.83	18.30 1.09 -2.15	19.95 1.17 -2.27	24.92 1.44 -4.08	28.98 1.67 -6.18	30.38 1.76 -7.17	29.16 1.59 -6.37	27.45 1.83 -5.30	27.41 1.83 -5.71	27.54 1.68 -6.33	28.09 1.98 -5.91	30.22 1.92 -7.91	30.55 1.88 -8.02	40.86 2.21 -16.82	40.90 2.60 -13.57	29.03 3.02 0.00	27.38 2.82 0.00	27.10 2.73 0.00	25.90 2.23 -1.39	23.00 2.00 0.00	20.59 1.84 0.00
LISF___SOLAR 323691	22.78 1.22 -3.82	19.78 1.19 -2.92	17.43 1.09 -1.40	17.43 1.06 -1.83	18.32 1.10 -2.15	19.97 1.19 -2.27	24.94 1.46 -4.08	29.00 1.69 -6.18	30.40 1.78 -7.17	29.18 1.61 -6.37	27.43 1.81 -5.30	27.41 1.83 -5.71	27.54 1.68 -6.33	28.10 1.98 -5.91	30.20 1.90 -7.91	30.55 1.88 -8.02	40.86 2.20 -16.82	40.92 2.62 -13.57	29.07 3.04 -0.01	27.41 2.85 -0.01	27.14 2.75 -0.01	25.92 2.25 -1.39	23.03 2.02 -0.01	20.60 1.84 -0.01
LITTLE FALLS___HYD 24013	17.96 0.21 0.00	15.84 0.17 0.00	15.12 0.18 0.00	14.70 0.16 0.00	15.24 0.17 0.00	16.73 0.21 0.00	19.69 0.29 0.00	21.27 0.15 0.00	21.58 0.13 0.00	21.46 0.25 0.00	20.43 0.10 0.00	19.97 0.10 0.00	19.72 0.20 0.00	20.29 0.08 0.00	20.48 0.08 0.00	20.73 0.08 0.00	21.90 0.07 0.00	24.81 0.07 0.00	26.12 0.10 0.00	24.68 0.12 0.00	24.50 0.12 0.00	22.42 0.13 0.00	21.09 0.08 0.00	18.85 0.09 0.00
LITTLRIV_115KV_TB1 356100	17.87 0.12 0.00	15.76 0.09 0.00	15.06 0.12 0.00	14.67 0.13 0.00	15.18 0.11 0.00	16.66 0.15 0.00	19.54 0.14 0.00	21.27 0.15 0.00	21.45 0.00 0.00	21.25 0.04 0.00	20.34 0.02 0.00	19.83 -0.04 0.00	19.58 0.06 0.00	20.06 -0.14 0.00	20.36 -0.04 0.00	20.52 -0.12 0.00	21.40 -0.44 0.00	24.34 -0.40 0.00	25.68 -0.34 0.00	24.21 -0.34 0.00	24.35 -0.02 0.00	22.24 -0.04 0.00	20.96 -0.04 0.00	18.62 -0.13 0.00
LI_NEWBRDGE___DRP 323616	22.73 1.17 -3.82	19.65 1.07 -2.92	17.28 0.94 -1.40	17.28 0.92 -1.83	18.15 0.93 -2.15	19.82 1.04 -2.27	24.84 1.36 -4.08	28.89 1.58 -6.18	30.25 1.63 -7.17	29.10 1.53 -6.37	27.35 1.73 -5.30	27.33 1.75 -5.71	27.50 1.64 -6.33	27.93 1.82 -5.91	30.10 1.80 -7.91	30.40 1.73 -8.02	40.64 1.99 -16.82	40.65 2.35 -13.57	28.54 2.52 0.00	26.94 2.38 0.00	26.69 2.32 0.00	25.57 1.89 -1.39	22.73 1.72 0.00	20.42 1.67 0.00
LOCKPORT_115KV_TB60_63_64 80432	17.64 -0.11 0.00	15.44 -0.22 0.00	14.97 0.03 0.00	14.58 0.04 0.00	15.12 0.05 0.00	16.36 -0.15 0.00	19.01 -0.39 0.00	20.30 -0.82 0.00	20.98 -0.47 0.00	20.82 -0.38 0.00	20.08 -0.24 0.00	19.60 -0.28 0.00	19.23 -0.29 0.00	19.96 -0.24 0.00	20.13 -0.27 0.00	20.46 -0.19 0.00	21.66 -0.17 0.00	24.22 -0.52 0.00	25.36 -0.65 0.00	23.92 -0.64 0.00	23.74 -0.63 0.00	21.99 -0.29 0.00	20.79 -0.21 0.00	18.53 -0.23 0.00
LOCKPORT___CC1 323769	17.64 -0.11 0.00	15.46 -0.20 0.00	14.98 0.04 0.00	14.58 0.04 0.00	15.12 0.05 0.00	16.36 -0.15 0.00	19.03 -0.37 0.00	20.30 -0.82 0.00	21.00 -0.45 0.00	20.84 -0.36 0.00	20.16 -0.16 0.00	19.61 -0.26 0.00	19.23 -0.29 0.00	19.96 -0.24 0.00	20.20 -0.20 0.00	20.46 -0.19 0.00	21.66 -0.18 0.00	24.24 -0.49 0.00	25.42 -0.60 0.00	23.92 -0.64 0.00	23.74 -0.63 0.00	21.99 -0.29 0.00	20.83 -0.17 0.00	18.55 -0.21 0.00
LOCKPORT___CC2 323770	17.64 -0.11 0.00	15.46 -0.20 0.00	14.98 0.04 0.00	14.58 0.04 0.00	15.12 0.05 0.00	16.36 -0.15 0.00	19.03 -0.37 0.00	20.30 -0.82 0.00	21.00 -0.45 0.00	20.84 -0.36 0.00	20.16 -0.16 0.00	19.61 -0.26 0.00	19.23 -0.29 0.00	19.96 -0.24 0.00	20.20 -0.20 0.00	20.46 -0.19 0.00	21.66 -0.18 0.00	24.24 -0.49 0.00	25.42 -0.60 0.00	23.92 -0.64 0.00	23.74 -0.63 0.00	21.99 -0.29 0.00	20.83 -0.17 0.00	18.55 -0.21 0.00
LOCKPORT___CC3 323771	17.64 -0.11 0.00	15.46 -0.20 0.00	14.98 0.04 0.00	14.58 0.04 0.00	15.12 0.05 0.00	16.36 -0.15 0.00	19.03 -0.37 0.00	20.30 -0.82 0.00	21.00 -0.45 0.00	20.84 -0.36 0.00	20.16 -0.16 0.00	19.61 -0.26 0.00	19.23 -0.29 0.00	19.96 -0.24 0.00	20.20 -0.20 0.00	20.46 -0.19 0.00	21.66 -0.18 0.00	24.24 -0.49 0.00	25.42 -0.60 0.00	23.92 -0.64 0.00	23.74 -0.63 0.00	21.99 -0.29 0.00	20.83 -0.17 0.00	18.55 -0.21 0.00



LONG_LAKE_PHOENIX 24014	17.60 -0.14 0.00	15.51 -0.16 0.00	14.80 -0.13 0.00	14.41 -0.13 0.00	14.95 -0.12 0.00	16.38 -0.13 0.00	19.29 -0.12 0.00	20.91 -0.21 0.00	21.28 -0.17 0.00	21.08 -0.13 0.00	20.02 -0.30 0.00	19.56 -0.32 0.00	19.23 -0.29 0.00	19.90 -0.30 0.00	20.07 -0.33 0.00	20.36 -0.29 0.00	21.55 -0.28 0.00	24.37 -0.37 0.00	25.62 -0.39 0.00	24.19 -0.37 0.00	24.03 -0.34 0.00	22.02 -0.27 0.00	20.81 -0.19 0.00	18.58 -0.17 0.00
LOVETT___3 23632	18.58 0.83 0.00	16.43 0.77 0.00	15.58 0.64 0.00	15.16 0.63 0.00	15.70 0.63 0.00	17.24 0.73 0.00	20.39 0.99 0.00	22.22 1.10 0.00	22.59 1.14 0.00	22.35 1.15 0.00	21.69 1.36 0.00	21.26 1.39 0.00	20.87 1.35 0.00	21.68 1.48 0.00	21.85 1.45 0.00	22.05 1.40 0.00	23.43 1.59 0.00	26.64 1.90 0.00	27.99 1.98 0.00	26.40 1.84 0.00	26.13 1.75 0.00	23.75 1.47 0.00	22.18 1.18 0.00	19.93 1.18 0.00
LOVETT___4 23642	18.58 0.83 0.00	16.43 0.77 0.00	15.58 0.64 0.00	15.16 0.63 0.00	15.70 0.63 0.00	17.24 0.73 0.00	20.39 0.99 0.00	22.22 1.10 0.00	22.59 1.14 0.00	22.35 1.15 0.00	21.69 1.36 0.00	21.26 1.39 0.00	20.87 1.35 0.00	21.68 1.48 0.00	21.85 1.45 0.00	22.05 1.40 0.00	23.43 1.59 0.00	26.64 1.90 0.00	27.99 1.98 0.00	26.40 1.84 0.00	26.13 1.75 0.00	23.75 1.47 0.00	22.18 1.18 0.00	19.93 1.18 0.00
LOVETT___5 23593	18.58 0.83 0.00	16.43 0.77 0.00	15.58 0.64 0.00	15.16 0.63 0.00	15.70 0.63 0.00	17.24 0.73 0.00	20.39 0.99 0.00	22.22 1.10 0.00	22.59 1.14 0.00	22.35 1.15 0.00	21.69 1.36 0.00	21.26 1.39 0.00	20.87 1.35 0.00	21.68 1.48 0.00	21.85 1.45 0.00	22.05 1.40 0.00	23.43 1.59 0.00	26.64 1.90 0.00	27.99 1.98 0.00	26.40 1.84 0.00	26.13 1.75 0.00	23.75 1.47 0.00	22.18 1.18 0.00	19.93 1.18 0.00
LOWER_RAQUET___HYD 24057	17.78 0.04 0.00	15.68 0.02 0.00	14.98 0.04 0.00	14.60 0.06 0.00	15.10 0.03 0.00	16.56 0.05 0.00	19.42 0.02 0.00	21.17 0.04 0.00	21.37 -0.09 0.00	21.14 -0.06 0.00	20.26 -0.06 0.00	19.76 -0.12 0.00	19.48 -0.04 0.00	20.00 -0.20 0.00	20.28 -0.12 0.00	20.42 -0.23 0.00	21.24 -0.59 0.00	24.09 -0.64 0.00	25.47 -0.55 0.00	24.02 -0.54 0.00	24.18 -0.20 0.00	22.13 -0.15 0.00	20.86 -0.15 0.00	18.55 -0.21 0.00
LOWER___HUDSON 24059	18.56 0.82 0.00	16.43 0.77 0.00	15.63 0.69 0.00	15.21 0.67 0.00	15.78 0.71 0.00	17.29 0.78 0.00	20.37 0.97 0.00	22.12 0.99 0.00	22.39 0.94 0.00	22.12 0.91 0.00	21.34 1.02 0.00	20.87 0.99 0.00	20.52 1.00 0.00	21.26 1.05 0.00	21.42 1.02 0.00	21.64 0.99 0.00	22.90 1.07 0.00	26.05 1.31 0.00	27.39 1.38 0.00	25.91 1.35 0.00	25.67 1.29 0.00	23.44 1.16 0.00	21.95 0.95 0.00	19.67 0.92 0.00
LOWVILLE_115KV_TB2 356335	18.17 0.43 0.00	15.99 0.33 0.00	15.28 0.34 0.00	14.89 0.35 0.00	15.40 0.33 0.00	16.94 0.43 0.00	19.98 0.58 0.00	21.70 0.57 0.00	21.84 0.39 0.00	21.65 0.45 0.00	20.55 0.22 0.00	20.07 0.20 0.00	19.78 0.25 0.00	20.35 0.14 0.00	20.56 0.16 0.00	20.81 0.17 0.00	21.99 0.15 0.00	24.98 0.25 0.00	26.35 0.34 0.00	24.95 0.39 0.00	24.94 0.56 0.00	22.80 0.51 0.00	21.44 0.44 0.00	19.07 0.32 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	18.85 1.10 0.00	16.67 1.00 0.00	15.84 0.90 0.00	15.41 0.87 0.00	15.99 0.92 0.00	17.54 1.02 0.00	20.72 1.32 0.00	22.48 1.35 0.00	22.76 1.31 0.00	22.43 1.23 0.00	21.64 1.32 0.00	21.13 1.25 0.00	20.71 1.19 0.00	21.46 1.25 0.00	21.64 1.24 0.00	21.89 1.24 0.00	23.16 1.33 0.00	26.37 1.63 0.00	27.76 1.74 0.00	26.28 1.72 0.00	26.06 1.68 0.00	23.82 1.54 0.00	22.33 1.32 0.00	19.97 1.22 0.00
LUTHERNY_35_KV_BK2 355980	18.86 1.12 0.00	16.67 1.00 0.00	15.85 0.91 0.00	15.43 0.89 0.00	16.00 0.93 0.00	17.55 1.04 0.00	20.72 1.32 0.00	22.48 1.35 0.00	22.78 1.33 0.00	22.46 1.25 0.00	21.66 1.34 0.00	21.13 1.25 0.00	20.73 1.21 0.00	21.48 1.27 0.00	21.64 1.24 0.00	21.89 1.24 0.00	23.16 1.33 0.00	26.39 1.66 0.00	27.76 1.74 0.00	26.28 1.72 0.00	26.06 1.68 0.00	23.84 1.56 0.00	22.33 1.32 0.00	19.99 1.24 0.00
LWR___OSWEGATCHIE_HYD 23850	17.96 0.21 0.00	15.82 0.16 0.00	15.12 0.18 0.00	14.71 0.17 0.00	15.24 0.17 0.00	16.74 0.23 0.00	19.69 0.29 0.00	21.42 0.30 0.00	21.60 0.15 0.00	21.35 0.15 0.00	20.38 0.06 0.00	19.89 0.02 0.00	19.58 0.06 0.00	20.15 -0.06 0.00	20.40 0.00 0.00	20.59 -0.06 0.00	21.57 -0.26 0.00	24.54 -0.20 0.00	25.88 -0.13 0.00	24.46 -0.10 0.00	24.55 0.17 0.00	22.46 0.18 0.00	21.15 0.15 0.00	18.81 0.06 0.00
LYONS_FALL_HYD 23570	18.17 0.43 0.00	15.99 0.33 0.00	15.28 0.34 0.00	14.87 0.33 0.00	15.40 0.33 0.00	16.92 0.41 0.00	19.97 0.56 0.00	21.65 0.53 0.00	21.86 0.41 0.00	21.69 0.49 0.00	20.61 0.28 0.00	20.13 0.26 0.00	19.83 0.31 0.00	20.41 0.20 0.00	20.62 0.22 0.00	20.88 0.23 0.00	22.07 0.24 0.00	25.06 0.32 0.00	26.43 0.41 0.00	25.00 0.44 0.00	24.94 0.56 0.00	22.77 0.49 0.00	21.45 0.44 0.00	19.07 0.32 0.00
MADISON___COUNTY_LFGE 323628	18.19 0.44 0.00	16.02 0.36 0.00	15.30 0.36 0.00	14.89 0.35 0.00	15.43 0.36 0.00	16.96 0.45 0.00	20.00 0.60 0.00	21.68 0.55 0.00	21.97 0.51 0.00	21.78 0.57 0.00	20.71 0.39 0.00	20.25 0.38 0.00	19.93 0.41 0.00	20.53 0.32 0.00	20.75 0.35 0.00	21.02 0.37 0.00	22.27 0.44 0.00	25.23 0.49 0.00	26.56 0.55 0.00	25.10 0.54 0.00	24.96 0.58 0.00	22.82 0.53 0.00	21.47 0.46 0.00	19.13 0.38 0.00
MALONE___115KV_TB1 356076	18.17 0.43 0.00	16.02 0.36 0.00	15.30 0.36 0.00	14.89 0.35 0.00	15.43 0.36 0.00	16.92 0.41 0.00	19.83 0.43 0.00	21.65 0.53 0.00	21.90 0.45 0.00	21.61 0.40 0.00	20.81 0.49 0.00	20.27 0.40 0.00	20.01 0.49 0.00	20.53 0.32 0.00	20.83 0.43 0.00	21.04 0.39 0.00	22.03 0.20 0.00	25.11 0.37 0.00	26.46 0.44 0.00	24.88 0.32 0.00	24.84 0.46 0.00	22.62 0.33 0.00	21.34 0.34 0.00	18.96 0.21 0.00
MAPLEWOD_115KV_TB3 80458	18.60 0.85 0.00	16.46 0.80 0.00	15.64 0.70 0.00	15.22 0.68 0.00	15.78 0.71 0.00	17.29 0.78 0.00	20.35 0.95 0.00	22.08 0.95 0.00	22.37 0.92 0.00	22.09 0.89 0.00	21.32 1.00 0.00	20.85 0.97 0.00	20.50 0.98 0.00	21.22 1.01 0.00	21.40 1.00 0.00	21.60 0.95 0.00	22.84 1.00 0.00	25.97 1.24 0.00	27.34 1.33 0.00	25.86 1.30 0.00	25.62 1.24 0.00	23.40 1.11 0.00	21.95 0.95 0.00	19.65 0.90 0.00
MAPLE_RIDGE_WT_1 323574	17.57 -0.18 0.00	15.51 -0.16 0.00	14.80 -0.13 0.00	14.41 -0.13 0.00	14.93 -0.14 0.00	16.35 -0.17 0.00	19.17 -0.23 0.00	20.91 -0.21 0.00	21.20 -0.26 0.00	20.95 -0.25 0.00	20.10 -0.22 0.00	19.64 -0.24 0.00	19.31 -0.21 0.00	19.94 -0.26 0.00	20.16 -0.24 0.00	20.40 -0.25 0.00	21.51 -0.33 0.00	24.37 -0.37 0.00	25.65 -0.36 0.00	24.19 -0.37 0.00	24.03 -0.34 0.00	21.97 -0.31 0.00	20.71 -0.29 0.00	18.47 -0.28 0.00



MAPLE RIDGE_WT_2 323611	17.57 -0.18 0.00	15.51 -0.16 0.00	14.80 -0.13 0.00	14.41 -0.13 0.00	14.93 -0.14 0.00	16.35 -0.17 0.00	19.17 -0.23 0.00	20.91 -0.21 0.00	21.20 -0.26 0.00	20.95 -0.25 0.00	20.10 -0.22 0.00	19.64 -0.24 0.00	19.31 -0.21 0.00	19.94 -0.26 0.00	20.16 -0.24 0.00	20.40 -0.25 0.00	21.51 -0.33 0.00	24.37 -0.37 0.00	25.65 -0.36 0.00	24.19 -0.37 0.00	24.03 -0.34 0.00	21.97 -0.31 0.00	20.71 -0.29 0.00	18.47 -0.28 0.00
MARBLE RIVER_WT_PWR 323696	18.10 0.35 0.00	15.96 0.30 0.00	15.25 0.31 0.00	14.85 0.31 0.00	15.39 0.32 0.00	16.86 0.35 0.00	19.75 0.35 0.00	21.61 0.49 0.00	21.88 0.43 0.00	21.54 0.34 0.00	20.77 0.45 0.00	20.25 0.38 0.00	19.93 0.41 0.00	20.53 0.32 0.00	20.81 0.41 0.00	21.02 0.37 0.00	22.10 0.26 0.00	25.08 0.35 0.00	26.51 0.49 0.00	24.93 0.37 0.00	24.81 0.44 0.00	22.62 0.33 0.00	21.34 0.34 0.00	18.98 0.23 0.00
MARSHVLE_115KV_TB1 80742	18.93 1.19 0.00	16.68 1.02 0.00	15.88 0.94 0.00	15.46 0.92 0.00	16.02 0.95 0.00	17.63 1.12 0.00	20.94 1.53 0.00	22.69 1.56 0.00	22.91 1.46 0.00	22.56 1.36 0.00	21.66 1.34 0.00	21.15 1.27 0.00	20.77 1.25 0.00	21.48 1.27 0.00	21.68 1.29 0.00	21.97 1.32 0.00	23.27 1.44 0.00	26.49 1.76 0.00	27.86 1.85 0.00	26.37 1.82 0.00	26.23 1.85 0.00	24.04 1.76 0.00	22.56 1.55 0.00	20.10 1.35 0.00
MARSH_HILL_WT_PWR 323713	18.24 0.50 0.00	15.99 0.33 0.00	15.39 0.45 0.00	14.98 0.44 0.00	15.55 0.48 0.00	16.97 0.46 0.00	19.93 0.52 0.00	21.36 0.23 0.00	21.90 0.45 0.00	21.75 0.55 0.00	20.93 0.61 0.00	20.39 0.52 0.00	19.97 0.45 0.00	20.75 0.55 0.00	20.95 0.55 0.00	21.23 0.58 0.00	22.49 0.65 0.00	25.28 0.54 0.00	26.59 0.57 0.00	25.02 0.47 0.00	24.89 0.51 0.00	22.91 0.62 0.00	21.63 0.63 0.00	19.26 0.51 0.00
MCINTYRE_115KV_TB2 80467	17.85 0.11 0.00	15.74 0.08 0.00	15.06 0.12 0.00	14.66 0.12 0.00	15.18 0.11 0.00	16.64 0.13 0.00	19.50 0.10 0.00	21.27 0.15 0.00	21.43 -0.02 0.00	21.18 -0.02 0.00	20.32 0.00 0.00	19.81 -0.06 0.00	19.54 0.02 0.00	20.04 -0.16 0.00	20.36 -0.04 0.00	20.55 -0.10 0.00	21.46 -0.37 0.00	24.44 -0.30 0.00	25.78 -0.23 0.00	24.31 -0.25 0.00	24.37 0.00 0.00	22.26 -0.02 0.00	20.98 -0.02 0.00	18.64 -0.11 0.00
MECO____69_KV_BK1 80468	19.52 1.77 0.00	17.18 1.52 0.00	16.33 1.39 0.00	15.89 1.35 0.00	16.49 1.42 0.00	18.18 1.67 0.00	21.61 2.21 0.00	22.92 1.80 0.00	23.04 1.59 0.00	22.90 1.70 0.00	21.66 1.34 0.00	21.19 1.31 0.00	21.03 1.50 0.00	21.48 1.27 0.00	21.66 1.26 0.00	22.01 1.36 0.00	23.34 1.51 0.00	26.62 1.88 0.00	28.10 2.08 0.00	26.67 2.11 0.00	26.59 2.22 0.00	24.38 2.09 0.00	22.85 1.85 0.00	20.36 1.61 0.00
MENANDS__115KV_TB5 355628	18.38 0.64 0.00	16.31 0.64 0.00	15.49 0.55 0.00	15.09 0.55 0.00	15.63 0.56 0.00	17.11 0.59 0.00	20.08 0.68 0.00	21.80 0.68 0.00	22.07 0.62 0.00	21.78 0.57 0.00	21.10 0.77 0.00	20.63 0.76 0.00	20.28 0.76 0.00	20.99 0.79 0.00	21.17 0.78 0.00	21.37 0.72 0.00	22.57 0.74 0.00	25.65 0.92 0.00	27.00 0.99 0.00	25.52 0.96 0.00	25.28 0.90 0.00	23.06 0.78 0.00	21.65 0.65 0.00	19.41 0.66 0.00
MG INDUSTRY__DRP 24185	18.42 0.67 0.00	16.32 0.66 0.00	15.52 0.58 0.00	15.11 0.57 0.00	15.64 0.57 0.00	17.14 0.63 0.00	20.14 0.74 0.00	21.84 0.72 0.00	22.12 0.66 0.00	21.82 0.61 0.00	21.08 0.75 0.00	20.61 0.74 0.00	20.24 0.72 0.00	20.95 0.75 0.00	21.13 0.73 0.00	21.35 0.70 0.00	22.55 0.72 0.00	25.63 0.89 0.00	26.95 0.94 0.00	25.52 0.96 0.00	25.28 0.90 0.00	23.08 0.80 0.00	21.68 0.67 0.00	19.43 0.68 0.00
MID__OSWEGATCHIE_HYD 23849	17.96 0.21 0.00	15.82 0.16 0.00	15.12 0.18 0.00	14.71 0.17 0.00	15.24 0.17 0.00	16.74 0.23 0.00	19.69 0.29 0.00	21.42 0.30 0.00	21.60 0.15 0.00	21.35 0.15 0.00	20.38 0.06 0.00	19.89 0.02 0.00	19.58 0.06 0.00	20.15 -0.06 0.00	20.40 0.00 0.00	20.59 -0.06 0.00	21.57 -0.26 0.00	24.54 -0.20 0.00	25.88 -0.13 0.00	24.46 -0.10 0.00	24.55 0.17 0.00	22.46 0.18 0.00	21.15 0.15 0.00	18.81 0.06 0.00
MID__RAQUETTE_HYD 23851	17.78 0.04 0.00	15.68 0.02 0.00	14.98 0.04 0.00	14.60 0.06 0.00	15.10 0.03 0.00	16.56 0.05 0.00	19.42 0.02 0.00	21.17 0.04 0.00	21.37 -0.09 0.00	21.14 -0.06 0.00	20.26 -0.06 0.00	19.75 -0.12 0.00	19.48 -0.04 0.00	20.00 -0.20 0.00	20.28 -0.12 0.00	20.42 -0.23 0.00	21.24 -0.59 0.00	24.17 -0.57 0.00	25.47 -0.55 0.00	24.02 -0.54 0.00	24.18 -0.19 0.00	22.13 -0.16 0.00	20.86 -0.15 0.00	18.55 -0.21 0.00
MILLIKEN__1 23584	18.10 0.35 0.00	15.93 0.27 0.00	15.24 0.30 0.00	14.82 0.28 0.00	15.39 0.32 0.00	16.88 0.36 0.00	19.89 0.49 0.00	21.55 0.42 0.00	21.88 0.43 0.00	21.65 0.45 0.00	20.67 0.35 0.00	20.19 0.32 0.00	19.81 0.29 0.00	20.51 0.30 0.00	20.70 0.31 0.00	21.02 0.37 0.00	22.27 0.44 0.00	25.18 0.45 0.00	26.56 0.55 0.00	25.07 0.52 0.00	24.91 0.54 0.00	22.82 0.53 0.00	21.49 0.48 0.00	19.16 0.41 0.00
MILLIKEN__2 23585	18.10 0.35 0.00	15.93 0.27 0.00	15.24 0.30 0.00	14.82 0.28 0.00	15.39 0.32 0.00	16.88 0.36 0.00	19.89 0.49 0.00	21.55 0.42 0.00	21.88 0.43 0.00	21.65 0.45 0.00	20.67 0.35 0.00	20.19 0.32 0.00	19.81 0.29 0.00	20.51 0.30 0.00	20.70 0.31 0.00	21.02 0.37 0.00	22.27 0.44 0.00	25.18 0.45 0.00	26.56 0.55 0.00	25.07 0.52 0.00	24.91 0.54 0.00	22.82 0.53 0.00	21.49 0.48 0.00	19.16 0.41 0.00
MILLIKEN__DIESEL 23629	18.10 0.35 0.00	15.93 0.27 0.00	15.24 0.30 0.00	14.82 0.28 0.00	15.39 0.32 0.00	16.88 0.36 0.00	19.89 0.49 0.00	21.55 0.42 0.00	21.88 0.43 0.00	21.65 0.45 0.00	20.67 0.35 0.00	20.19 0.32 0.00	19.81 0.29 0.00	20.51 0.30 0.00	20.70 0.31 0.00	21.02 0.37 0.00	22.27 0.44 0.00	25.18 0.45 0.00	26.56 0.55 0.00	25.07 0.52 0.00	24.91 0.54 0.00	22.82 0.53 0.00	21.49 0.48 0.00	19.16 0.41 0.00
MILLSEAT__LFGE 323607	17.83 0.09 0.00	15.62 -0.05 0.00	15.13 0.19 0.00	14.73 0.19 0.00	15.27 0.20 0.00	16.58 0.07 0.00	19.31 -0.10 0.00	20.66 -0.46 0.00	21.30 -0.15 0.00	21.14 -0.06 0.00	20.43 0.10 0.00	19.85 -0.02 0.00	19.48 -0.04 0.00	20.19 -0.02 0.00	20.44 0.04 0.00	20.69 0.04 0.00	21.92 0.09 0.00	24.59 -0.15 0.00	25.78 -0.23 0.00	24.29 -0.27 0.00	24.13 -0.24 0.00	22.31 0.02 0.00	21.11 0.11 0.00	18.77 0.02 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	18.63 0.89 0.00	16.48 0.81 0.00	15.64 0.70 0.00	15.22 0.68 0.00	15.76 0.69 0.00	17.29 0.78 0.00	20.45 1.05 0.00	22.31 1.18 0.00	22.67 1.22 0.00	22.41 1.21 0.00	21.75 1.42 0.00	21.32 1.45 0.00	20.93 1.41 0.00	21.74 1.54 0.00	21.91 1.51 0.00	22.11 1.47 0.00	23.49 1.66 0.00	26.69 1.95 0.00	28.07 2.06 0.00	26.47 1.92 0.00	26.23 1.85 0.00	23.82 1.54 0.00	22.24 1.24 0.00	19.97 1.22 0.00



MILLWOOD_13_KV_LOAD 356217	18.67 0.92 0.00	16.51 0.85 0.00	15.66 0.72 0.00	15.25 0.71 0.00	15.78 0.71 0.00	17.30 0.79 0.00	20.47 1.07 0.00	22.35 1.23 0.00	22.72 1.27 0.00	22.43 1.23 0.00	21.77 1.44 0.00	21.34 1.47 0.00	20.95 1.43 0.00	21.76 1.56 0.00	21.93 1.53 0.00	22.14 1.49 0.00	23.51 1.68 0.00	26.74 2.00 0.00	28.10 2.08 0.00	26.52 1.96 0.00	26.28 1.90 0.00	23.86 1.58 0.00	22.26 1.26 0.00	19.99 1.24 0.00
MODEL_CITY_ENERGY 24167	17.48 -0.27 0.00	15.30 -0.36 0.00	14.85 -0.09 0.00	14.45 -0.09 0.00	14.99 -0.07 0.00	16.22 -0.30 0.00	18.82 -0.58 0.00	20.07 -1.06 0.00	20.74 -0.71 0.00	20.59 -0.62 0.00	19.94 -0.39 0.00	19.38 -0.50 0.00	19.01 -0.51 0.00	19.74 -0.46 0.00	19.97 -0.43 0.00	20.21 -0.43 0.00	21.42 -0.42 0.00	23.97 -0.77 0.00	25.13 -0.88 0.00	23.65 -0.91 0.00	23.47 -0.90 0.00	21.73 -0.56 0.00	20.58 -0.42 0.00	18.34 -0.41 0.00
MODERN_LFGE_ 323580	17.48 -0.27 0.00	15.30 -0.36 0.00	14.85 -0.09 0.00	14.45 -0.09 0.00	14.99 -0.07 0.00	16.22 -0.30 0.00	18.82 -0.58 0.00	20.07 -1.06 0.00	20.74 -0.71 0.00	20.59 -0.62 0.00	19.94 -0.39 0.00	19.38 -0.50 0.00	19.01 -0.51 0.00	19.74 -0.46 0.00	19.97 -0.43 0.00	20.21 -0.43 0.00	21.42 -0.42 0.00	23.97 -0.77 0.00	25.13 -0.88 0.00	23.65 -0.91 0.00	23.47 -0.90 0.00	21.73 -0.56 0.00	20.58 -0.42 0.00	18.34 -0.41 0.00
MOHAWK_PAPER___DRP 24187	18.60 0.85 0.00	16.46 0.80 0.00	15.64 0.70 0.00	15.22 0.68 0.00	15.78 0.71 0.00	17.29 0.78 0.00	20.35 0.95 0.00	22.08 0.95 0.00	22.37 0.92 0.00	22.09 0.89 0.00	21.32 1.00 0.00	20.85 0.97 0.00	20.50 0.98 0.00	21.22 1.01 0.00	21.40 1.00 0.00	21.60 0.95 0.00	22.84 1.00 0.00	25.97 1.24 0.00	27.34 1.33 0.00	25.86 1.30 0.00	25.62 1.24 0.00	23.40 1.11 0.00	21.95 0.95 0.00	19.65 0.90 0.00
MOHICAN___35_KV_115KV_LD 80490	19.13 1.38 0.00	16.90 1.24 0.00	16.06 1.12 0.00	15.63 1.09 0.00	16.20 1.13 0.00	17.80 1.29 0.00	21.07 1.67 0.00	22.84 1.71 0.00	23.12 1.67 0.00	22.75 1.55 0.00	21.95 1.63 0.00	21.34 1.47 0.00	20.91 1.39 0.00	21.64 1.43 0.00	21.79 1.39 0.00	22.07 1.42 0.00	23.36 1.53 0.00	26.72 1.98 0.00	28.12 2.11 0.00	26.64 2.09 0.00	26.45 2.07 0.00	24.22 1.94 0.00	22.66 1.66 0.00	20.25 1.50 0.00
MONGAUP___HYD 23641	18.44 0.69 0.00	16.29 0.63 0.00	15.49 0.55 0.00	15.06 0.52 0.00	15.60 0.53 0.00	17.11 0.59 0.00	20.24 0.83 0.00	22.10 0.97 0.00	22.42 0.97 0.00	22.12 0.91 0.00	21.42 1.10 0.00	21.01 1.13 0.00	20.63 1.11 0.00	21.36 1.15 0.00	21.52 1.12 0.00	21.82 1.18 0.00	23.19 1.35 0.00	26.42 1.68 0.00	27.76 1.74 0.00	26.23 1.67 0.00	25.96 1.58 0.00	23.60 1.31 0.00	22.12 1.11 0.00	19.90 1.14 0.00
MONTAUK___DIESEL 23721	23.34 1.77 -3.82	20.26 1.68 -2.92	17.91 1.57 -1.40	17.89 1.53 -1.83	18.80 1.58 -2.15	20.48 1.70 -2.27	25.56 2.08 -4.08	29.80 2.49 -6.18	31.28 2.66 -7.17	29.92 2.35 -6.37	28.28 2.66 -5.30	28.22 2.64 -5.71	28.20 2.34 -6.33	28.90 2.79 -5.91	31.08 2.77 -7.91	31.37 2.70 -8.02	41.76 3.10 -16.82	41.91 3.61 -13.57	30.26 4.24 0.00	28.46 3.90 0.00	28.20 3.83 0.00	26.88 3.21 -1.39	23.90 2.90 0.00	21.34 2.59 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.51 0.76 0.00	16.21 0.55 0.00	15.60 0.66 0.00	15.18 0.64 0.00	15.76 0.69 0.00	17.16 0.64 0.00	20.14 0.74 0.00	21.51 0.38 0.00	22.20 0.75 0.00	22.09 0.89 0.00	21.34 1.02 0.00	20.67 0.79 0.00	20.19 0.66 0.00	21.03 0.83 0.00	21.21 0.82 0.00	21.52 0.87 0.00	22.73 0.90 0.00	25.23 0.49 0.00	26.43 0.42 0.00	24.95 0.39 0.00	24.81 0.44 0.00	22.95 0.67 0.00	21.63 0.63 0.00	19.31 0.56 0.00
MORTIMER_115KV_TB3 55949	17.76 0.02 0.00	15.59 -0.08 0.00	15.01 0.07 0.00	14.61 0.07 0.00	15.15 0.08 0.00	16.51 0.00 0.00	19.32 -0.08 0.00	20.87 -0.25 0.00	21.43 -0.02 0.00	21.23 0.02 0.00	20.36 0.04 0.00	19.89 0.02 0.00	19.50 -0.02 0.00	20.19 -0.02 0.00	20.38 -0.02 0.00	20.71 0.06 0.00	21.94 0.11 0.00	24.64 -0.10 0.00	25.83 -0.18 0.00	24.36 -0.20 0.00	24.20 -0.17 0.00	22.28 0.00 0.00	21.07 0.06 0.00	18.75 0.00 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.77 1.03 0.00	16.60 0.94 0.00	15.75 0.81 0.00	15.31 0.77 0.00	15.87 0.80 0.00	17.40 0.89 0.00	20.59 1.18 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.58 1.38 0.00	21.94 1.61 -0.02	21.74 1.63 -0.23	21.12 1.58 -0.02	22.08 1.72 -0.16	22.12 1.69 -0.02	22.28 1.63 0.00	23.68 1.83 -0.02	27.24 2.18 -0.33	28.28 2.26 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.39 1.39 0.00	20.12 1.37 0.00
MUNSVILLE_WIND_PWR 323609	18.85 1.10 0.00	16.57 0.91 0.00	15.88 0.94 0.00	15.46 0.92 0.00	15.99 0.92 0.00	17.64 1.12 0.00	20.92 1.51 0.00	22.63 1.50 0.00	22.74 1.29 0.00	22.50 1.29 0.00	21.40 1.08 0.00	20.89 1.01 0.00	20.54 1.01 0.00	21.16 0.95 0.00	21.38 0.98 0.00	21.78 1.13 0.00	23.08 1.24 0.00	26.17 1.43 0.00	27.73 1.72 0.00	26.25 1.69 0.00	26.20 1.83 0.00	23.95 1.67 0.00	22.47 1.47 0.00	19.95 1.20 0.00
N SALMON___HYD 24042	18.17 0.43 0.00	16.02 0.36 0.00	15.30 0.36 0.00	14.89 0.35 0.00	15.43 0.36 0.00	16.92 0.41 0.00	19.83 0.43 0.00	21.65 0.53 0.00	21.90 0.45 0.00	21.61 0.40 0.00	20.81 0.49 0.00	20.27 0.40 0.00	20.01 0.49 0.00	20.53 0.32 0.00	20.83 0.43 0.00	21.04 0.39 0.00	22.03 0.20 0.00	25.01 0.27 0.00	26.46 0.44 0.00	24.88 0.32 0.00	24.84 0.46 0.00	22.62 0.33 0.00	21.34 0.34 0.00	18.96 0.21 0.00
N.AKRON___115KV_KNAPP 355671	17.85 0.11 0.00	15.63 -0.03 0.00	15.15 0.21 0.00	14.74 0.20 0.00	15.30 0.23 0.00	16.59 0.08 0.00	19.32 -0.08 0.00	20.66 -0.46 0.00	21.30 -0.15 0.00	21.16 -0.04 0.00	20.34 0.02 0.00	19.85 -0.02 0.00	19.50 -0.02 0.00	20.19 -0.02 0.00	20.38 -0.02 0.00	20.71 0.06 0.00	21.92 0.09 0.00	24.56 -0.17 0.00	25.73 -0.29 0.00	24.29 -0.27 0.00	24.11 -0.27 0.00	22.30 0.02 0.00	21.09 0.08 0.00	18.77 0.02 0.00
N.BELMOR_69_KV_BK1 55787	22.86 1.30 -3.82	19.76 1.17 -2.92	17.39 1.05 -1.40	17.39 1.02 -1.83	18.26 1.04 -2.15	19.93 1.16 -2.27	24.98 1.49 -4.08	29.04 1.73 -6.18	30.42 1.80 -7.17	29.25 1.68 -6.37	27.51 1.89 -5.30	27.49 1.91 -5.71	27.65 1.80 -6.33	28.09 1.98 -5.91	30.26 1.96 -7.91	30.59 1.92 -8.02	40.82 2.16 -16.82	40.85 2.55 -13.57	28.80 2.78 0.00	27.21 2.65 0.00	26.96 2.58 0.00	25.81 2.14 -1.39	22.94 1.93 0.00	20.59 1.84 0.00
N.E._GEN_SANDY PD 24062	18.51 0.76 0.00	16.40 0.74 0.00	15.58 0.64 0.00	15.16 0.62 0.00	15.73 0.66 0.00	17.24 0.73 0.00	20.31 0.91 0.00	22.12 0.99 0.00	22.42 0.97 0.00	22.14 0.93 0.00	21.40 1.08 0.00	20.97 1.09 0.00	20.61 1.09 0.00	21.38 1.17 0.00	21.54 1.14 0.00	21.74 1.09 0.00	23.03 1.20 0.00	26.20 1.46 0.00	27.50 1.48 0.00	26.01 1.45 0.00	25.74 1.36 0.00	23.46 1.18 0.00	21.95 0.95 0.00	19.71 0.96 0.00



N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	18.58 0.83 0.00	16.43 0.77 0.00	15.60 0.66 0.00	15.16 0.63 0.00	15.72 0.65 0.00	17.24 0.73 0.00	20.39 0.99 0.00	22.25 1.12 0.00	22.61 1.16 0.00	22.37 1.17 0.00	21.71 1.38 0.00	21.30 1.43 0.00	20.91 1.39 0.00	21.70 1.50 0.00	21.87 1.47 0.00	22.09 1.45 0.00	23.47 1.64 0.00	26.69 1.95 0.00	28.04 2.03 0.00	26.42 1.87 0.00	26.18 1.80 0.00	23.78 1.49 0.00	22.20 1.20 0.00	19.95 1.20 0.00
N.QUEENS_27_KV_LOAD 356247	18.96 1.21 -0.01	16.78 1.11 0.00	15.91 0.97 0.00	15.48 0.93 -0.01	16.03 0.95 -0.01	17.54 1.02 0.00	20.62 1.22 0.00	22.46 1.33 0.00	22.82 1.37 0.00	22.54 1.34 0.00	22.01 1.67 -0.02	21.87 1.77 -0.23	21.24 1.70 -0.02	22.22 1.86 -0.16	22.23 1.82 -0.02	22.30 1.65 0.00	23.77 1.92 -0.02	27.39 2.33 -0.33	28.23 2.21 0.00	26.64 2.09 0.00	26.37 2.00 0.00	23.93 1.65 0.00	22.41 1.41 0.00	20.27 1.52 0.00
N.TROY___115KV_TB1 355778	18.56 0.82 0.00	16.43 0.77 0.00	15.63 0.69 0.00	15.21 0.67 0.00	15.78 0.71 0.00	17.29 0.78 0.00	20.37 0.97 0.00	22.12 0.99 0.00	22.40 0.94 0.00	22.12 0.91 0.00	21.36 1.04 0.00	20.87 0.99 0.00	20.52 1.00 0.00	21.26 1.05 0.00	21.44 1.04 0.00	21.64 0.99 0.00	22.90 1.07 0.00	26.02 1.29 0.00	27.39 1.38 0.00	25.91 1.35 0.00	25.67 1.29 0.00	23.44 1.16 0.00	21.97 0.97 0.00	19.67 0.92 0.00
NARROWS_GT1_1 24228	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
NARROWS_GT1_2 24229	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
NARROWS_GT1_3 24230	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
NARROWS_GT1_4 24231	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
NARROWS_GT1_5 24232	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
NARROWS_GT1_6 24233	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
NARROWS_GT1_7 24234	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
NARROWS_GT1_8 24235	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
NARROWS_GT2_1 24236	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
NARROWS_GT2_2 24237	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
NARROWS_GT2_3 24238	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
NARROWS_GT2_4 24239	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00



NARROWS_GT2_5 24240	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
NARROWS_GT2_6 24241	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
NARROWS_GT2_7 24242	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
NARROWS_GT2_8 24243	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.54 0.80 0.00	16.43 0.77 0.00	15.64 0.70 0.00	15.22 0.68 0.00	15.76 0.69 0.00	17.25 0.74 0.00	20.28 0.87 0.00	21.99 0.87 0.00	22.22 0.77 0.00	21.84 0.64 0.00	21.16 0.83 0.00	20.69 0.81 0.00	20.32 0.80 0.00	21.01 0.81 0.00	21.17 0.78 0.00	21.45 0.81 0.00	22.66 0.83 0.00	25.82 1.09 0.00	27.19 1.17 0.00	25.76 1.20 0.00	25.54 1.17 0.00	23.29 1.00 0.00	21.78 0.78 0.00	19.60 0.84 0.00
NCHELSEA_115KV_TR2 355582	18.63 0.89 0.00	16.48 0.81 0.00	15.64 0.70 0.00	15.22 0.68 0.00	15.76 0.69 0.00	17.29 0.78 0.00	20.45 1.05 0.00	22.33 1.20 0.00	22.67 1.22 0.00	22.39 1.19 0.00	21.71 1.38 0.00	21.30 1.43 0.00	20.93 1.41 0.00	21.68 1.48 0.00	21.85 1.45 0.00	22.11 1.47 0.00	23.49 1.66 0.00	26.74 2.00 0.00	28.12 2.11 0.00	26.52 1.96 0.00	26.28 1.90 0.00	23.84 1.56 0.00	22.24 1.24 0.00	20.03 1.28 0.00
NEG CAPITAL___MECHNVIL 23645	18.85 1.10 0.00	16.65 0.99 0.00	15.84 0.90 0.00	15.41 0.87 0.00	15.97 0.90 0.00	17.52 1.01 0.00	20.70 1.30 0.00	22.46 1.33 0.00	22.76 1.31 0.00	22.43 1.23 0.00	21.64 1.32 0.00	21.13 1.25 0.00	20.73 1.21 0.00	21.48 1.27 0.00	21.66 1.27 0.00	21.91 1.26 0.00	23.16 1.33 0.00	26.39 1.66 0.00	27.76 1.74 0.00	26.28 1.72 0.00	26.05 1.68 0.00	23.82 1.54 0.00	22.31 1.30 0.00	19.95 1.20 0.00
NEG CENTRAL_HIGH_ACRES 23767	17.39 -0.35 0.00	15.26 -0.41 0.00	14.67 -0.27 0.00	14.28 -0.26 0.00	14.81 -0.26 0.00	16.20 -0.31 0.00	18.99 -0.41 0.00	20.58 -0.55 0.00	21.07 -0.39 0.00	20.86 -0.34 0.00	20.00 -0.33 0.00	19.52 -0.36 0.00	19.15 -0.37 0.00	19.80 -0.40 0.00	20.01 -0.39 0.00	20.34 -0.31 0.00	21.53 -0.31 0.00	24.24 -0.49 0.00	25.44 -0.57 0.00	23.97 -0.59 0.00	23.84 -0.54 0.00	21.90 -0.38 0.00	20.69 -0.31 0.00	18.39 -0.36 0.00
NEG CENTRAL___DRP 24199	17.85 0.11 0.00	15.69 0.03 0.00	15.03 0.09 0.00	14.61 0.07 0.00	15.19 0.12 0.00	16.64 0.13 0.00	19.58 0.17 0.00	21.17 0.04 0.00	21.60 0.15 0.00	21.42 0.21 0.00	20.43 0.10 0.00	19.97 0.10 0.00	19.60 0.08 0.00	20.29 0.08 0.00	20.48 0.08 0.00	20.79 0.14 0.00	22.01 0.17 0.00	24.84 0.10 0.00	26.12 0.10 0.00	24.66 0.10 0.00	24.50 0.12 0.00	22.46 0.18 0.00	21.17 0.17 0.00	18.86 0.11 0.00
NEG CENTRAL___INDECK 23768	18.30 0.55 0.00	16.02 0.36 0.00	15.45 0.51 0.00	15.05 0.51 0.00	15.61 0.54 0.00	17.07 0.56 0.00	19.94 0.54 0.00	21.28 0.15 0.00	21.71 0.26 0.00	21.50 0.30 0.00	20.69 0.37 0.00	20.13 0.26 0.00	19.66 0.14 0.00	20.45 0.24 0.00	20.71 0.31 0.00	20.94 0.29 0.00	22.23 0.39 0.00	25.08 0.35 0.00	26.51 0.49 0.00	25.12 0.57 0.00	25.03 0.66 0.00	23.06 0.78 0.00	21.76 0.76 0.00	19.33 0.58 0.00
NEG CENTRAL___SENECA 23627	17.90 0.16 0.00	15.73 0.06 0.00	15.07 0.13 0.00	14.67 0.13 0.00	15.24 0.17 0.00	16.69 0.18 0.00	19.64 0.23 0.00	21.17 0.04 0.00	21.62 0.17 0.00	21.48 0.28 0.00	20.53 0.20 0.00	20.05 0.18 0.00	19.68 0.16 0.00	20.37 0.16 0.00	20.56 0.16 0.00	20.88 0.23 0.00	22.12 0.28 0.00	24.93 0.20 0.00	26.22 0.21 0.00	24.73 0.17 0.00	24.59 0.22 0.00	22.55 0.27 0.00	21.23 0.23 0.00	18.92 0.17 0.00
NEG CENTRAL___STATE_STREET 24147	17.90 0.16 0.00	15.77 0.11 0.00	15.09 0.15 0.00	14.67 0.13 0.00	15.24 0.17 0.00	16.71 0.20 0.00	19.69 0.29 0.00	21.46 0.34 0.00	21.86 0.41 0.00	21.59 0.38 0.00	20.63 0.30 0.00	20.17 0.30 0.00	19.70 0.18 0.00	20.47 0.26 0.00	20.66 0.27 0.00	20.98 0.33 0.00	22.20 0.37 0.00	25.06 0.32 0.00	26.41 0.39 0.00	24.88 0.32 0.00	24.74 0.37 0.00	22.68 0.40 0.00	21.36 0.36 0.00	19.05 0.30 0.00
NEG MILLWOOD___DRP 24198	18.70 0.96 0.00	16.54 0.88 0.00	15.70 0.76 0.00	15.28 0.74 0.00	15.81 0.74 0.00	17.34 0.83 0.00	20.51 1.11 0.00	22.39 1.27 0.00	22.74 1.29 0.00	22.46 1.25 0.00	21.77 1.44 0.00	21.34 1.47 0.00	20.95 1.43 0.00	21.72 1.52 0.00	21.89 1.49 0.00	22.14 1.49 0.00	23.54 1.70 0.00	26.79 2.05 0.00	28.17 2.16 0.00	26.57 2.01 0.00	26.35 1.97 0.00	23.93 1.65 0.00	22.26 1.26 0.00	20.03 1.28 0.00
NEG NORTH_FLCN_SEA 23793	18.33 0.59 0.00	16.15 0.49 0.00	15.43 0.49 0.00	15.02 0.48 0.00	15.57 0.50 0.00	17.06 0.54 0.00	19.98 0.58 0.00	21.87 0.74 0.00	22.14 0.69 0.00	21.80 0.59 0.00	21.03 0.71 0.00	20.49 0.62 0.00	20.19 0.66 0.00	20.77 0.57 0.00	21.05 0.65 0.00	21.29 0.64 0.00	22.36 0.52 0.00	25.50 0.77 0.00	26.85 0.83 0.00	25.25 0.69 0.00	25.13 0.76 0.00	22.88 0.60 0.00	21.57 0.57 0.00	19.20 0.45 0.00
NEG NORTH_KES_CHATEGAY 23792	18.12 0.37 0.00	15.98 0.31 0.00	15.25 0.31 0.00	14.86 0.32 0.00	15.39 0.32 0.00	16.86 0.35 0.00	19.75 0.35 0.00	21.59 0.46 0.00	21.84 0.39 0.00	21.52 0.32 0.00	20.75 0.43 0.00	20.21 0.34 0.00	19.91 0.39 0.00	20.49 0.28 0.00	20.77 0.37 0.00	21.00 0.35 0.00	22.05 0.22 0.00	25.16 0.42 0.00	26.48 0.47 0.00	24.93 0.37 0.00	24.81 0.44 0.00	22.59 0.31 0.00	21.32 0.32 0.00	18.96 0.21 0.00



NEG NORTH___ALICE_FALLS 23915	18.33 0.59 0.00	16.16 0.50 0.00	15.43 0.49 0.00	15.02 0.48 0.00	15.57 0.50 0.00	17.07 0.56 0.00	20.00 0.60 0.00	21.87 0.74 0.00	22.14 0.69 0.00	21.78 0.57 0.00	21.01 0.69 0.00	20.47 0.60 0.00	20.19 0.66 0.00	20.75 0.55 0.00	21.05 0.65 0.00	21.29 0.64 0.00	22.36 0.52 0.00	25.50 0.77 0.00	26.87 0.86 0.00	25.27 0.71 0.00	25.15 0.78 0.00	22.88 0.60 0.00	21.57 0.57 0.00	19.18 0.43 0.00
NEG NORTH___LWR_SARANAC 23913	18.33 0.59 0.00	16.16 0.50 0.00	15.43 0.49 0.00	15.02 0.48 0.00	15.57 0.50 0.00	17.07 0.56 0.00	20.00 0.60 0.00	21.87 0.74 0.00	22.14 0.69 0.00	21.78 0.57 0.00	21.01 0.69 0.00	20.47 0.60 0.00	20.19 0.66 0.00	20.75 0.55 0.00	21.05 0.65 0.00	21.29 0.64 0.00	22.36 0.52 0.00	25.50 0.77 0.00	26.87 0.86 0.00	25.27 0.71 0.00	25.15 0.78 0.00	22.88 0.60 0.00	21.57 0.57 0.00	19.18 0.43 0.00
NEG NORTH___PLATTSBURG 23628	18.33 0.58 0.00	16.16 0.50 0.00	15.43 0.49 0.00	15.02 0.48 0.00	15.57 0.50 0.00	17.07 0.56 0.00	20.00 0.60 0.00	21.87 0.74 0.00	22.14 0.69 0.00	21.78 0.57 0.00	21.01 0.69 0.00	20.47 0.60 0.00	20.19 0.66 0.00	20.75 0.55 0.00	21.05 0.65 0.00	21.29 0.64 0.00	22.36 0.52 0.00	25.40 0.67 0.00	26.87 0.86 0.00	25.27 0.71 0.00	25.15 0.78 0.00	22.88 0.60 0.00	21.57 0.57 0.00	19.18 0.43 0.00
NEG WEST_LEA_LOCKPORT 23791	17.64 -0.11 0.00	15.46 -0.20 0.00	14.98 0.04 0.00	14.58 0.04 0.00	15.12 0.05 0.00	16.36 -0.15 0.00	19.03 -0.37 0.00	20.30 -0.82 0.00	21.00 -0.45 0.00	20.84 -0.36 0.00	20.10 -0.22 0.00	19.62 -0.26 0.00	19.23 -0.29 0.00	19.96 -0.24 0.00	20.13 -0.27 0.00	20.46 -0.19 0.00	21.66 -0.17 0.00	24.22 -0.52 0.00	25.36 -0.65 0.00	23.92 -0.64 0.00	23.74 -0.63 0.00	21.99 -0.29 0.00	20.81 -0.19 0.00	18.55 -0.21 0.00
NEG WEST___LANCASTR 23811	17.75 0.00 0.00	15.55 -0.11 0.00	15.00 0.06 0.00	14.60 0.06 0.00	15.15 0.08 0.00	16.45 -0.07 0.00	19.25 -0.16 0.00	20.51 -0.61 0.00	21.15 -0.30 0.00	21.03 -0.17 0.00	20.32 0.00 0.00	19.79 -0.08 0.00	19.35 -0.18 0.00	20.19 -0.02 0.00	20.38 -0.02 0.00	20.69 0.04 0.00	21.92 0.09 0.00	24.51 -0.22 0.00	25.68 -0.34 0.00	24.14 -0.42 0.00	23.96 -0.41 0.00	22.15 -0.13 0.00	20.88 -0.13 0.00	18.71 -0.04 0.00
NEG_PENN_ALLEGHNY 23528	18.06 0.32 0.00	15.90 0.24 0.00	15.19 0.25 0.00	14.79 0.25 0.00	15.34 0.27 0.00	16.81 0.30 0.00	19.79 0.39 0.00	21.42 0.30 0.00	21.84 0.39 0.00	21.63 0.42 0.00	20.77 0.45 0.00	20.27 0.40 0.00	19.89 0.37 0.00	20.65 0.44 0.00	20.83 0.43 0.00	21.12 0.48 0.00	22.33 0.50 0.00	25.23 0.49 0.00	26.54 0.52 0.00	25.00 0.44 0.00	24.81 0.44 0.00	22.73 0.45 0.00	21.42 0.42 0.00	19.13 0.37 0.00
NEG___GEN_MONROE 24207	17.89 0.14 0.00	15.69 0.03 0.00	15.13 0.19 0.00	14.71 0.17 0.00	15.28 0.21 0.00	16.64 0.13 0.00	19.44 0.04 0.00	20.91 -0.21 0.00	21.43 -0.02 0.00	21.23 0.02 0.00	20.30 -0.02 0.00	19.79 -0.08 0.00	19.46 -0.06 0.00	20.08 -0.12 0.00	20.30 -0.10 0.00	20.61 -0.04 0.00	21.83 0.00 0.00	24.54 -0.20 0.00	25.75 -0.26 0.00	24.29 -0.27 0.00	24.13 -0.24 0.00	22.22 -0.07 0.00	21.00 0.00 0.00	18.70 -0.06 0.00
NEPA___ENERGY 23901	18.10 0.35 0.00	15.88 0.22 0.00	15.28 0.34 0.00	14.87 0.33 0.00	15.43 0.36 0.00	16.79 0.28 0.00	19.67 0.27 0.00	21.04 -0.08 0.00	21.69 0.24 0.00	21.56 0.36 0.00	20.85 0.53 0.00	20.31 0.44 0.00	19.80 0.27 0.00	20.71 0.51 0.00	20.91 0.51 0.00	21.21 0.56 0.00	22.44 0.61 0.00	24.98 0.25 0.00	26.17 0.16 0.00	24.58 0.02 0.00	24.42 0.05 0.00	22.57 0.29 0.00	21.30 0.29 0.00	19.01 0.26 0.00
NEVERSINK___HYD 23608	18.15 0.41 0.00	16.02 0.36 0.00	15.22 0.28 0.00	14.80 0.26 0.00	15.33 0.26 0.00	16.82 0.31 0.00	19.94 0.54 0.00	21.87 0.74 0.00	22.18 0.73 0.00	21.84 0.64 0.00	21.20 0.87 0.00	20.81 0.93 0.00	20.40 0.88 0.00	21.20 0.99 0.00	21.34 0.94 0.00	21.62 0.97 0.00	22.99 1.16 0.00	26.20 1.46 0.00	27.55 1.53 0.00	26.01 1.45 0.00	25.76 1.39 0.00	23.37 1.09 0.00	21.82 0.82 0.00	19.65 0.90 0.00
NEWKRMKL_115KV_TB1 55635	18.33 0.59 0.00	16.27 0.61 0.00	15.46 0.52 0.00	15.05 0.51 0.00	15.58 0.51 0.00	17.07 0.56 0.00	20.00 0.60 0.00	21.70 0.57 0.00	21.97 0.51 0.00	21.67 0.47 0.00	20.99 0.67 0.00	20.53 0.66 0.00	20.19 0.66 0.00	20.89 0.69 0.00	21.05 0.65 0.00	21.25 0.60 0.00	22.44 0.61 0.00	25.50 0.77 0.00	26.85 0.83 0.00	25.37 0.81 0.00	25.13 0.76 0.00	22.93 0.65 0.00	21.55 0.55 0.00	19.30 0.54 0.00
NEWTON___FALLS_HYD 23847	17.96 0.21 0.00	15.82 0.16 0.00	15.12 0.18 0.00	14.71 0.17 0.00	15.24 0.17 0.00	16.74 0.23 0.00	19.69 0.29 0.00	21.42 0.30 0.00	21.60 0.15 0.00	21.35 0.15 0.00	20.38 0.06 0.00	19.89 0.02 0.00	19.58 0.06 0.00	20.15 -0.06 0.00	20.40 0.00 0.00	20.59 -0.06 0.00	21.57 -0.26 0.00	24.54 -0.20 0.00	25.88 -0.13 0.00	24.46 -0.10 0.00	24.55 0.17 0.00	22.46 0.18 0.00	21.15 0.15 0.00	18.81 0.06 0.00
NGRID_A1_DSASP 323792	17.27 -0.48 0.00	15.13 -0.53 0.00	14.67 -0.27 0.00	14.28 -0.26 0.00	14.80 -0.27 0.00	16.02 -0.49 0.00	18.67 -0.74 0.00	19.88 -1.25 0.00	20.57 -0.88 0.00	20.42 -0.78 0.00	19.78 -0.55 0.00	19.22 -0.66 0.00	18.84 -0.68 0.00	19.58 -0.63 0.00	19.79 -0.61 0.00	20.05 -0.60 0.00	21.22 -0.61 0.00	23.72 -1.02 0.00	24.90 -1.12 0.00	23.43 -1.13 0.00	23.25 -1.12 0.00	21.55 -0.73 0.00	20.42 -0.59 0.00	18.19 -0.56 0.00
NGRID_A2_DSASP 323793	17.27 -0.48 0.00	15.13 -0.53 0.00	14.67 -0.27 0.00	14.28 -0.26 0.00	14.80 -0.27 0.00	16.02 -0.49 0.00	18.67 -0.74 0.00	19.88 -1.25 0.00	20.57 -0.88 0.00	20.42 -0.78 0.00	19.78 -0.55 0.00	19.22 -0.66 0.00	18.84 -0.68 0.00	19.58 -0.63 0.00	19.79 -0.61 0.00	20.05 -0.60 0.00	21.22 -0.61 0.00	23.72 -1.02 0.00	24.90 -1.12 0.00	23.43 -1.13 0.00	23.25 -1.12 0.00	21.55 -0.73 0.00	20.42 -0.59 0.00	18.19 -0.56 0.00
NGRID_A4_DSASP 323807	17.27 -0.48 0.00	15.13 -0.53 0.00	14.67 -0.27 0.00	14.28 -0.26 0.00	14.80 -0.27 0.00	16.02 -0.50 0.00	18.67 -0.74 0.00	19.88 -1.25 0.00	20.57 -0.88 0.00	20.42 -0.78 0.00	19.69 -0.63 0.00	19.22 -0.66 0.00	18.84 -0.68 0.00	19.58 -0.63 0.00	19.73 -0.67 0.00	20.05 -0.60 0.00	21.22 -0.61 0.00	23.70 -1.04 0.00	24.84 -1.17 0.00	23.43 -1.13 0.00	23.25 -1.12 0.00	21.55 -0.74 0.00	20.39 -0.61 0.00	18.19 -0.56 0.00
NIAGARA_115E_LBMP 323715	17.39 -0.35 0.00	15.24 -0.42 0.00	14.79 -0.15 0.00	14.39 -0.15 0.00	14.92 -0.15 0.00	16.13 -0.38 0.00	18.70 -0.70 0.00	19.94 -1.18 0.00	20.61 -0.84 0.00	20.46 -0.74 0.00	19.82 -0.51 0.00	19.26 -0.62 0.00	18.90 -0.63 0.00	19.62 -0.59 0.00	19.85 -0.55 0.00	20.09 -0.56 0.00	21.29 -0.54 0.00	23.80 -0.94 0.00	24.97 -1.04 0.00	23.50 -1.06 0.00	23.33 -1.05 0.00	21.59 -0.69 0.00	20.46 -0.55 0.00	18.23 -0.52 0.00



NIAGARA_115W_LBMP 323714	17.23 -0.52 0.00	15.10 -0.56 0.00	14.62 -0.31 0.00	14.23 -0.31 0.00	14.77 -0.30 0.00	15.97 -0.54 0.00	18.61 -0.80 0.00	19.84 -1.29 0.00	20.51 -0.94 0.00	20.36 -0.85 0.00	19.71 -0.61 0.00	19.18 -0.70 0.00	18.78 -0.74 0.00	19.52 -0.69 0.00	19.75 -0.65 0.00	19.99 -0.66 0.00	21.16 -0.68 0.00	23.67 -1.06 0.00	24.82 -1.20 0.00	23.35 -1.20 0.00	23.18 -1.19 0.00	21.48 -0.80 0.00	20.35 -0.65 0.00	18.13 -0.62 0.00
NIAGARA_230_LBMP 323716	17.46 -0.28 0.00	15.32 -0.34 0.00	14.84 -0.10 0.00	14.44 -0.10 0.00	14.97 -0.10 0.00	16.22 -0.30 0.00	18.88 -0.52 0.00	20.13 -0.99 0.00	20.81 -0.64 0.00	20.65 -0.55 0.00	19.98 -0.35 0.00	19.44 -0.44 0.00	19.05 -0.47 0.00	19.78 -0.43 0.00	20.01 -0.39 0.00	20.26 -0.39 0.00	21.46 -0.37 0.00	23.99 -0.74 0.00	25.18 -0.83 0.00	23.70 -0.86 0.00	23.52 -0.85 0.00	21.77 -0.51 0.00	20.63 -0.38 0.00	18.38 -0.37 0.00
NIAGARA__115KV_198_GIBSON 55903	17.23 -0.51 0.00	15.10 -0.56 0.00	14.63 -0.31 0.00	14.23 -0.31 0.00	14.77 -0.30 0.00	15.97 -0.54 0.00	18.61 -0.80 0.00	19.84 -1.29 0.00	20.51 -0.94 0.00	20.36 -0.85 0.00	19.63 -0.69 0.00	19.18 -0.70 0.00	18.78 -0.74 0.00	19.52 -0.69 0.00	19.69 -0.71 0.00	19.99 -0.66 0.00	21.18 -0.65 0.00	23.62 -1.11 0.00	24.77 -1.25 0.00	23.35 -1.20 0.00	23.18 -1.19 0.00	21.48 -0.80 0.00	20.33 -0.67 0.00	18.13 -0.62 0.00
NIAGARA____ 23760	17.30 -0.44 0.00	15.16 -0.50 0.00	14.68 -0.25 0.00	14.31 -0.23 0.00	14.83 -0.24 0.00	16.03 -0.48 0.00	18.67 -0.74 0.00	19.96 -1.16 0.00	20.66 -0.79 0.00	20.50 -0.70 0.00	19.84 -0.49 0.00	19.30 -0.58 0.00	18.90 -0.63 0.00	19.64 -0.57 0.00	19.87 -0.53 0.00	20.11 -0.54 0.00	21.31 -0.52 0.00	23.82 -0.91 0.00	25.00 -1.01 0.00	23.53 -1.03 0.00	23.35 -1.02 0.00	21.61 -0.67 0.00	20.46 -0.55 0.00	18.17 -0.58 0.00
NINE_MILE_1 23575	17.37 -0.37 0.00	15.30 -0.36 0.00	14.62 -0.31 0.00	14.23 -0.31 0.00	14.75 -0.32 0.00	16.16 -0.35 0.00	18.99 -0.41 0.00	20.64 -0.49 0.00	21.00 -0.45 0.00	20.78 -0.42 0.00	19.73 -0.59 0.00	19.30 -0.58 0.00	18.96 -0.57 0.00	19.62 -0.59 0.00	19.81 -0.59 0.00	20.09 -0.56 0.00	21.24 -0.59 0.00	24.02 -0.72 0.00	25.26 -0.76 0.00	23.84 -0.71 0.00	23.67 -0.71 0.00	21.68 -0.60 0.00	20.52 -0.48 0.00	18.30 -0.45 0.00
NINE_MILE_2 23744	17.37 -0.37 0.00	15.30 -0.36 0.00	14.62 -0.31 0.00	14.23 -0.31 0.00	14.75 -0.32 0.00	16.16 -0.35 0.00	18.99 -0.41 0.00	20.64 -0.49 0.00	21.00 -0.45 0.00	20.78 -0.42 0.00	19.73 -0.59 0.00	19.30 -0.58 0.00	18.96 -0.57 0.00	19.62 -0.59 0.00	19.81 -0.59 0.00	20.09 -0.56 0.00	21.24 -0.59 0.00	24.02 -0.72 0.00	25.26 -0.76 0.00	23.84 -0.71 0.00	23.67 -0.71 0.00	21.68 -0.60 0.00	20.52 -0.48 0.00	18.30 -0.45 0.00
NM_CAPITAL____DRP 24208	18.37 0.62 0.00	16.29 0.63 0.00	15.48 0.54 0.00	15.06 0.52 0.00	15.61 0.54 0.00	17.09 0.58 0.00	20.04 0.64 0.00	21.76 0.63 0.00	22.03 0.58 0.00	21.73 0.53 0.00	21.06 0.73 0.00	20.59 0.72 0.00	20.24 0.72 0.00	20.95 0.75 0.00	21.13 0.73 0.00	21.31 0.66 0.00	22.53 0.70 0.00	25.60 0.87 0.00	26.93 0.91 0.00	25.47 0.91 0.00	25.23 0.85 0.00	23.02 0.74 0.00	21.61 0.61 0.00	19.37 0.62 0.00
NM_CENTRAL____DRP 24181	17.69 -0.05 0.00	15.59 -0.08 0.00	14.89 -0.04 0.00	14.48 -0.06 0.00	15.02 -0.05 0.00	16.48 -0.03 0.00	19.38 -0.02 0.00	21.04 -0.08 0.00	21.43 -0.02 0.00	21.23 0.02 0.00	20.18 -0.14 0.00	19.73 -0.14 0.00	19.39 -0.14 0.00	20.06 -0.14 0.00	20.24 -0.16 0.00	20.52 -0.12 0.00	21.72 -0.11 0.00	24.54 -0.20 0.00	25.81 -0.21 0.00	24.36 -0.20 0.00	24.18 -0.19 0.00	22.15 -0.13 0.00	20.92 -0.08 0.00	18.66 -0.09 0.00
NM_FRONTIER____DRP 24179	17.23 -0.51 0.00	15.10 -0.56 0.00	14.63 -0.31 0.00	14.23 -0.31 0.00	14.77 -0.30 0.00	15.97 -0.54 0.00	18.61 -0.80 0.00	19.84 -1.29 0.00	20.51 -0.94 0.00	20.36 -0.85 0.00	19.63 -0.69 0.00	19.18 -0.70 0.00	18.78 -0.74 0.00	19.52 -0.69 0.00	19.69 -0.71 0.00	19.99 -0.66 0.00	21.18 -0.65 0.00	23.62 -1.11 0.00	24.77 -1.25 0.00	23.35 -1.20 0.00	23.18 -1.19 0.00	21.48 -0.80 0.00	20.33 -0.67 0.00	18.13 -0.62 0.00
NM_ST_REGIS____HYD 24053	17.87 0.12 0.00	15.74 0.08 0.00	15.04 0.10 0.00	14.66 0.12 0.00	15.18 0.11 0.00	16.64 0.13 0.00	19.50 0.10 0.00	21.27 0.15 0.00	21.49 0.04 0.00	21.25 0.04 0.00	20.38 0.06 0.00	19.87 0.00 0.00	19.60 0.08 0.00	20.13 -0.08 0.00	20.42 0.02 0.00	20.57 -0.08 0.00	21.42 -0.41 0.00	24.39 -0.35 0.00	25.70 -0.31 0.00	24.21 -0.34 0.00	24.33 -0.05 0.00	22.24 -0.04 0.00	20.96 -0.04 0.00	18.64 -0.11 0.00
NORTHPORT____1 23551	22.84 1.28 -3.82	19.76 1.18 -2.92	17.40 1.06 -1.40	17.40 1.03 -1.83	18.27 1.05 -2.15	19.95 1.17 -2.27	24.98 1.49 -4.08	29.06 1.75 -6.18	30.46 1.85 -7.17	29.27 1.70 -6.37	27.51 1.89 -5.30	27.51 1.93 -5.71	27.61 1.76 -6.33	28.13 2.02 -5.91	30.26 1.96 -7.91	30.61 1.94 -8.02	40.88 2.23 -16.82	40.95 2.65 -13.57	28.94 2.91 -0.01	27.32 2.75 -0.01	27.04 2.66 -0.01	25.88 2.21 -1.39	23.01 2.00 -0.01	20.62 1.86 -0.01
NORTHPORT____2 23552	22.84 1.28 -3.82	19.76 1.18 -2.92	17.40 1.06 -1.40	17.40 1.03 -1.83	18.27 1.05 -2.15	19.95 1.17 -2.27	24.98 1.49 -4.08	29.06 1.75 -6.18	30.46 1.85 -7.17	29.27 1.70 -6.37	27.51 1.89 -5.30	27.51 1.93 -5.71	27.61 1.76 -6.33	28.13 2.02 -5.91	30.26 1.96 -7.91	30.61 1.94 -8.02	40.88 2.23 -16.82	40.95 2.65 -13.57	28.94 2.91 -0.01	27.32 2.75 -0.01	27.04 2.66 -0.01	25.88 2.21 -1.39	23.01 2.00 -0.01	20.62 1.86 -0.01
NORTHPORT____3 23553	22.75 1.19 -3.82	19.68 1.10 -2.92	17.31 0.97 -1.40	17.30 0.93 -1.83	18.18 0.97 -2.15	19.85 1.07 -2.27	24.88 1.40 -4.08	28.96 1.65 -6.18	30.27 1.65 -7.17	29.16 1.59 -6.37	27.23 1.61 -5.30	27.23 1.65 -5.71	27.36 1.50 -6.33	27.79 1.68 -5.91	29.92 1.61 -7.91	30.26 1.59 -8.02	40.49 1.83 -16.82	40.50 2.20 -13.57	28.41 2.39 -0.01	26.92 2.36 -0.01	26.70 2.32 -0.01	25.70 2.03 -1.39	22.84 1.83 -0.01	20.48 1.72 -0.01
NORTHPORT____4 23650	22.75 1.19 -3.82	19.68 1.10 -2.92	17.31 0.97 -1.40	17.30 0.93 -1.83	18.18 0.97 -2.15	19.85 1.07 -2.27	24.88 1.40 -4.08	28.96 1.65 -6.18	30.27 1.65 -7.17	29.16 1.59 -6.37	27.23 1.61 -5.30	27.23 1.65 -5.71	27.36 1.50 -6.33	27.79 1.68 -5.91	29.92 1.61 -7.91	30.26 1.59 -8.02	40.49 1.83 -16.82	40.50 2.20 -13.57	28.41 2.39 -0.01	26.92 2.36 -0.01	26.70 2.32 -0.01	25.70 2.03 -1.39	22.84 1.83 -0.01	20.48 1.72 -0.01
NORTHPORT____IC 23718	22.84 1.28 -3.82	19.76 1.18 -2.92	17.40 1.06 -1.40	17.40 1.03 -1.83	18.27 1.05 -2.15	19.95 1.17 -2.27	24.98 1.49 -4.08	29.06 1.75 -6.18	30.46 1.85 -7.17	29.27 1.70 -6.37	27.51 1.89 -5.30	27.51 1.93 -5.71	27.61 1.76 -6.33	28.13 2.02 -5.91	30.26 1.96 -7.91	30.61 1.94 -8.02	40.88 2.23 -16.82	40.95 2.65 -13.57	28.94 2.91 -0.01	27.32 2.75 -0.01	27.04 2.66 -0.01	25.88 2.21 -1.39	23.01 2.00 -0.01	20.62 1.86 -0.01



NORTH__COUNTRY_ESR 323785	18.05 0.30 0.00	15.91 0.25 0.00	15.21 0.27 0.00	14.80 0.26 0.00	15.34 0.27 0.00	16.81 0.30 0.00	19.67 0.27 0.00	21.53 0.40 0.00	21.79 0.34 0.00	21.46 0.26 0.00	20.69 0.37 0.00	20.17 0.30 0.00	19.85 0.33 0.00	20.45 0.24 0.00	20.72 0.33 0.00	20.96 0.31 0.00	22.01 0.17 0.00	24.98 0.25 0.00	26.41 0.39 0.00	24.83 0.27 0.00	24.74 0.37 0.00	22.53 0.25 0.00	21.26 0.25 0.00	18.90 0.15 0.00
NPX_GEN_1385_PROXY 323591	22.84 1.28 -3.82	19.76 1.18 -2.92	17.40 1.06 -1.40	17.40 1.03 -1.83	18.27 1.05 -2.15	19.95 1.17 -2.27	24.98 1.49 -4.08	29.12 1.82 -6.18	30.51 1.89 -7.17	29.27 1.70 -6.37	27.55 1.93 -5.30	27.55 1.97 -5.71	27.61 1.76 -6.33	28.18 2.06 -5.91	30.31 2.00 -7.91	30.67 2.00 -8.02	40.95 2.29 -16.82	41.00 2.70 -13.57	28.99 2.96 -0.01	27.36 2.80 -0.01	27.11 2.73 -0.01	25.92 2.25 -1.39	23.05 2.04 -0.01	20.67 1.91 -0.01
NPX_GEN_CSC 323557	22.68 1.12 -3.82	19.70 1.11 -2.92	17.37 1.03 -1.40	17.37 1.00 -1.83	18.27 1.05 -2.15	19.90 1.12 -2.27	24.84 1.36 -4.08	28.83 1.52 -6.18	30.25 1.63 -7.17	29.03 1.46 -6.37	27.29 1.67 -5.30	27.29 1.71 -5.71	27.42 1.56 -6.33	27.95 1.84 -5.91	30.08 1.77 -7.91	30.42 1.75 -8.02	40.73 2.08 -16.82	40.78 2.47 -13.57	28.91 2.89 -0.01	27.27 2.70 -0.01	26.99 2.61 -0.01	25.79 2.12 -1.39	22.88 1.87 -0.01	20.47 1.71 -0.01
NSINS_S_GLNS_FALLS 23858	19.16 1.42 0.00	16.92 1.25 0.00	16.07 1.14 0.00	15.64 1.11 0.00	16.23 1.16 0.00	17.83 1.32 0.00	21.11 1.71 0.00	22.86 1.73 0.00	23.17 1.72 0.00	22.77 1.57 0.00	21.97 1.65 0.00	21.34 1.47 0.00	20.93 1.41 0.00	21.66 1.45 0.00	21.81 1.41 0.00	22.09 1.45 0.00	23.38 1.55 0.00	26.76 2.03 0.00	28.17 2.16 0.00	26.69 2.14 0.00	26.49 2.12 0.00	24.24 1.96 0.00	22.68 1.68 0.00	20.27 1.52 0.00
NUCOR_STEEL__DRP 24197	17.90 0.16 0.00	15.77 0.11 0.00	15.09 0.15 0.00	14.67 0.13 0.00	15.24 0.17 0.00	16.71 0.20 0.00	19.67 0.27 0.00	21.36 0.23 0.00	21.73 0.28 0.00	21.52 0.32 0.00	20.51 0.18 0.00	20.03 0.16 0.00	19.66 0.14 0.00	20.35 0.14 0.00	20.54 0.14 0.00	20.86 0.21 0.00	22.05 0.22 0.00	24.91 0.17 0.00	26.25 0.23 0.00	24.75 0.20 0.00	24.59 0.22 0.00	22.55 0.27 0.00	21.26 0.25 0.00	18.96 0.21 0.00
NUMBER_THREE_WT_PWR 323818	18.17 0.43 0.00	15.99 0.33 0.00	15.28 0.34 0.00	14.87 0.33 0.00	15.39 0.32 0.00	16.94 0.43 0.00	19.98 0.58 0.00	21.67 0.55 0.00	21.84 0.39 0.00	21.63 0.42 0.00	20.55 0.22 0.00	20.05 0.18 0.00	19.76 0.24 0.00	20.35 0.14 0.00	20.56 0.16 0.00	20.79 0.15 0.00	21.96 0.13 0.00	24.96 0.22 0.00	26.33 0.31 0.00	24.95 0.39 0.00	24.91 0.54 0.00	22.77 0.49 0.00	21.45 0.44 0.00	19.05 0.30 0.00
NYISO_LBMP_REFERENCE 24008	17.75 0.00 0.00	15.66 0.00 0.00	14.94 0.00 0.00	14.54 0.00 0.00	15.07 0.00 0.00	16.51 0.00 0.00	19.40 0.00 0.00	21.13 0.00 0.00	21.45 0.00 0.00	21.20 0.00 0.00	20.32 0.00 0.00	19.87 0.00 0.00	19.52 0.00 0.00	20.21 0.00 0.00	20.40 0.00 0.00	20.65 0.00 0.00	21.83 0.00 0.00	24.74 0.00 0.00	26.01 0.00 0.00	24.56 0.00 0.00	24.37 0.00 0.00	22.28 0.00 0.00	21.00 0.00 0.00	18.75 0.00 0.00
NYPA_BRENTWD__GT 24164	22.98 1.42 -3.82	19.90 1.32 -2.92	17.52 1.18 -1.40	17.52 1.15 -1.83	18.41 1.19 -2.15	20.08 1.30 -2.27	25.13 1.65 -4.08	29.27 1.97 -6.18	30.68 2.06 -7.17	29.44 1.87 -6.37	27.72 2.09 -5.30	27.69 2.11 -5.71	27.79 1.93 -6.33	28.34 2.22 -5.91	30.49 2.18 -7.91	30.84 2.17 -8.02	41.14 2.49 -16.82	41.25 2.94 -13.57	29.27 3.25 -0.01	27.61 3.04 -0.01	27.36 2.97 -0.01	26.15 2.47 -1.39	23.24 2.23 -0.01	20.80 2.04 -0.01
NYPA_GOWANUS__GT5 24156	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
NYPA_GOWANUS__GT6 24157	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.05 1.71 -0.02	21.92 1.81 -0.24	21.27 1.74 -0.02	22.30 1.92 -0.17	22.25 1.81 -0.04	22.45 1.80 -0.01	23.84 1.97 -0.04	27.49 2.40 -0.36	28.44 2.37 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00
NYPA_HARLEM_RVR_GT1 24160	18.94 1.19 -0.01	16.77 1.10 -0.01	15.89 0.94 -0.01	15.46 0.92 -0.01	16.01 0.93 -0.01	17.52 1.01 0.00	20.61 1.20 0.00	22.41 1.29 0.00	22.80 1.35 0.01	22.49 1.29 0.01	21.92 1.59 -0.01	21.61 1.71 -0.03	21.15 1.62 -0.01	22.03 1.80 -0.02	22.12 1.69 -0.02	22.25 1.61 0.01	23.69 1.85 -0.01	27.64 2.27 -0.63	28.17 2.16 0.01	26.59 2.04 0.01	26.32 1.95 0.01	23.91 1.63 0.00	22.39 1.39 0.00	20.25 1.50 0.00
NYPA_HARLEM_RVR_GT2 24161	18.94 1.19 -0.01	16.77 1.10 -0.01	15.89 0.94 -0.01	15.46 0.92 -0.01	16.01 0.93 -0.01	17.52 1.01 0.00	20.61 1.20 0.00	22.41 1.29 0.00	22.80 1.35 0.01	22.49 1.29 0.01	21.92 1.59 -0.01	21.61 1.71 -0.03	21.15 1.62 -0.01	22.03 1.80 -0.02	22.12 1.69 -0.02	22.25 1.61 0.01	23.69 1.85 -0.01	27.64 2.27 -0.63	28.17 2.16 0.01	26.59 2.04 0.01	26.32 1.95 0.01	23.91 1.63 0.00	22.39 1.39 0.00	20.25 1.50 0.00
NYPA_KENT__GT 24152	18.90 1.15 0.00	16.70 1.03 0.00	15.82 0.88 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.03 1.69 -0.02	21.88 1.77 -0.24	21.24 1.70 -0.02	22.26 1.88 -0.17	22.21 1.77 -0.03	22.41 1.75 0.00	23.80 1.94 -0.03	27.44 2.35 -0.35	28.39 2.34 -0.03	26.78 2.21 -0.01	26.50 2.12 -0.01	24.04 1.76 0.00	22.49 1.49 0.00	20.23 1.48 0.00
NYPA_POUCH1__GT 24155	18.90 1.15 0.00	16.70 1.03 0.00	15.82 0.88 0.00	15.38 0.84 0.00	15.93 0.86 0.00	17.44 0.92 0.00	20.61 1.20 0.00	22.50 1.37 0.00	22.87 1.42 0.00	22.58 1.38 0.00	22.03 1.69 -0.02	21.90 1.79 -0.24	21.24 1.70 -0.02	22.28 1.90 -0.17	22.24 1.80 -0.04	22.43 1.78 -0.01	23.79 1.92 -0.04	27.44 2.35 -0.36	28.39 2.31 -0.06	26.78 2.21 -0.02	26.54 2.15 -0.02	24.09 1.80 0.00	22.52 1.51 0.00	20.27 1.52 0.00
NYPA_VERNON__GT2 24162	18.86 1.12 0.00	16.68 1.02 0.00	15.82 0.88 0.00	15.38 0.84 0.00	15.93 0.86 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.89 1.44 0.00	22.62 1.42 0.00	22.01 1.67 -0.02	21.84 1.73 -0.24	21.20 1.66 -0.02	22.19 1.82 -0.17	22.18 1.75 -0.03	22.36 1.71 0.00	23.77 1.92 -0.02	27.38 2.30 -0.34	28.34 2.31 -0.01	26.74 2.18 0.00	26.45 2.07 0.00	24.02 1.74 0.00	22.45 1.45 0.00	20.20 1.44 0.00



NYPA_VERNON____GT3 24163	18.86 1.12 0.00	16.68 1.02 0.00	15.82 0.88 0.00	15.38 0.84 0.00	15.93 0.86 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.89 1.44 0.00	22.62 1.42 0.00	22.01 1.67 -0.02	21.84 1.73 -0.24	21.20 1.66 -0.02	22.19 1.82 -0.17	22.18 1.75 -0.03	22.36 1.71 0.00	23.77 1.92 -0.02	27.38 2.30 -0.34	28.34 2.31 -0.01	26.74 2.18 0.00	26.45 2.07 0.00	24.02 1.74 0.00	22.45 1.45 0.00	20.20 1.44 0.00
NYPA____ASTORIA_CC1 323568	18.86 1.12 0.00	16.68 1.02 0.00	15.81 0.87 0.00	15.38 0.84 0.00	15.93 0.86 0.00	17.45 0.94 0.00	20.63 1.22 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.58 1.38 0.00	21.97 1.63 -0.02	21.82 1.71 -0.24	21.18 1.64 -0.02	22.17 1.80 -0.17	22.14 1.71 -0.02	22.34 1.69 0.00	23.73 1.88 -0.02	27.35 2.27 -0.34	28.28 2.26 0.00	26.69 2.14 0.00	26.40 2.02 0.00	23.98 1.69 0.00	22.41 1.41 0.00	20.18 1.42 0.00
NYPA____ASTORIA_CC2 323569	18.86 1.12 0.00	16.68 1.02 0.00	15.81 0.87 0.00	15.38 0.84 0.00	15.93 0.86 0.00	17.45 0.94 0.00	20.63 1.22 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.58 1.38 0.00	21.97 1.63 -0.02	21.82 1.71 -0.24	21.18 1.64 -0.02	22.17 1.80 -0.17	22.14 1.71 -0.02	22.34 1.69 0.00	23.73 1.88 -0.02	27.35 2.27 -0.34	28.28 2.26 0.00	26.69 2.14 0.00	26.40 2.02 0.00	23.98 1.69 0.00	22.41 1.41 0.00	20.18 1.42 0.00
NYPA____HOLTSVILL 23794	22.84 1.28 -3.82	19.79 1.21 -2.92	17.43 1.09 -1.40	17.43 1.06 -1.83	18.32 1.10 -2.15	19.98 1.20 -2.27	24.98 1.49 -4.08	29.10 1.79 -6.18	30.51 1.89 -7.17	29.27 1.70 -6.37	27.53 1.91 -5.30	27.53 1.95 -5.71	27.61 1.76 -6.33	28.18 2.06 -5.91	30.31 2.00 -7.91	30.65 1.98 -8.02	40.95 2.29 -16.82	41.00 2.70 -13.57	29.09 3.07 -0.01	27.44 2.87 -0.01	27.18 2.80 -0.01	25.99 2.32 -1.39	23.09 2.08 -0.01	20.67 1.91 -0.01
NYPA____HELLGATE_GT1 24158	18.94 1.19 -0.01	16.77 1.10 -0.01	15.89 0.94 -0.01	15.46 0.92 -0.01	16.01 0.93 -0.01	17.52 1.01 0.00	20.61 1.20 0.00	22.41 1.29 0.00	22.80 1.35 0.01	22.49 1.29 0.01	21.92 1.59 -0.01	22.01 1.71 -0.43	21.15 1.62 -0.01	22.30 1.80 -0.29	22.10 1.69 -0.01	22.25 1.61 0.01	23.69 1.85 -0.01	27.05 2.27 -0.04	28.17 2.16 0.01	26.59 2.04 0.01	26.32 1.95 0.01	23.91 1.63 0.00	22.39 1.39 0.00	20.25 1.50 0.00
NYPA____HELLGATE_GT2 24159	18.94 1.19 -0.01	16.77 1.10 -0.01	15.89 0.94 -0.01	15.46 0.92 -0.01	16.01 0.93 -0.01	17.52 1.01 0.00	20.61 1.20 0.00	22.41 1.29 0.00	22.80 1.35 0.01	22.49 1.29 0.01	21.92 1.59 -0.01	22.01 1.71 -0.43	21.15 1.62 -0.01	22.30 1.80 -0.29	22.10 1.69 -0.01	22.25 1.61 0.01	23.69 1.85 -0.01	27.05 2.27 -0.04	28.17 2.16 0.01	26.59 2.04 0.01	26.32 1.95 0.01	23.91 1.63 0.00	22.39 1.39 0.00	20.25 1.50 0.00
NYS_BARGE____HYD 23848	17.64 -0.11 0.00	15.44 -0.22 0.00	14.97 0.03 0.00	14.58 0.04 0.00	15.12 0.05 0.00	16.36 -0.15 0.00	19.01 -0.39 0.00	20.30 -0.82 0.00	20.98 -0.47 0.00	20.82 -0.38 0.00	20.16 -0.16 0.00	19.60 -0.28 0.00	19.23 -0.29 0.00	19.96 -0.24 0.00	20.20 -0.20 0.00	20.46 -0.19 0.00	21.66 -0.18 0.00	24.24 -0.49 0.00	25.42 -0.60 0.00	23.92 -0.64 0.00	23.74 -0.63 0.00	21.99 -0.29 0.00	20.81 -0.19 0.00	18.53 -0.22 0.00
OAK ORCHARD____HYD 24046	17.76 0.02 0.00	15.59 -0.08 0.00	15.01 0.08 0.00	14.61 0.07 0.00	15.15 0.08 0.00	16.51 0.00 0.00	19.33 -0.08 0.00	20.87 -0.25 0.00	21.43 -0.02 0.00	21.23 0.02 0.00	20.41 0.08 0.00	19.89 0.02 0.00	19.50 -0.02 0.00	20.19 -0.02 0.00	20.42 0.02 0.00	20.71 0.06 0.00	21.94 0.11 0.00	24.66 -0.07 0.00	25.86 -0.16 0.00	24.36 -0.20 0.00	24.20 -0.17 0.00	22.28 0.00 0.00	21.09 0.08 0.00	18.75 0.00 0.00
OAKDALE____35_KV_LOAD 356122	17.96 0.21 0.00	15.82 0.16 0.00	15.12 0.18 0.00	14.71 0.17 0.00	15.27 0.20 0.00	16.71 0.20 0.00	19.67 0.27 0.00	21.30 0.17 0.00	21.71 0.26 0.00	21.50 0.30 0.00	20.63 0.30 0.00	20.17 0.30 0.00	19.78 0.25 0.00	20.53 0.32 0.00	20.70 0.31 0.00	21.00 0.35 0.00	22.23 0.39 0.00	25.11 0.37 0.00	26.41 0.39 0.00	24.88 0.32 0.00	24.72 0.34 0.00	22.62 0.33 0.00	21.32 0.32 0.00	19.03 0.28 0.00
OCC_CHEM____DRP 24175	17.27 -0.48 0.00	15.13 -0.53 0.00	14.67 -0.27 0.00	14.28 -0.26 0.00	14.80 -0.27 0.00	16.02 -0.50 0.00	18.67 -0.74 0.00	19.88 -1.25 0.00	20.57 -0.88 0.00	20.42 -0.78 0.00	19.69 -0.63 0.00	19.22 -0.66 0.00	18.84 -0.68 0.00	19.58 -0.63 0.00	19.73 -0.67 0.00	20.05 -0.60 0.00	21.22 -0.61 0.00	23.70 -1.04 0.00	24.84 -1.17 0.00	23.43 -1.13 0.00	23.25 -1.12 0.00	21.55 -0.74 0.00	20.39 -0.61 0.00	18.19 -0.56 0.00
OH_GEN_PROXY 24063	17.48 -0.27 0.00	15.32 -0.34 0.00	14.84 -0.10 0.00	14.44 -0.10 0.00	14.98 -0.09 0.00	16.22 -0.30 0.00	18.90 -0.50 0.00	20.18 -0.95 0.00	20.85 -0.60 0.00	20.70 -0.51 0.00	20.02 -0.30 0.00	19.48 -0.40 0.00	19.07 -0.45 0.00	19.82 -0.38 0.00	20.05 -0.35 0.00	20.30 -0.35 0.00	21.51 -0.33 0.00	24.04 -0.69 0.00	25.24 -0.78 0.00	23.75 -0.81 0.00	23.57 -0.80 0.00	21.79 -0.49 0.00	20.67 -0.34 0.00	18.39 -0.36 0.00
OLIN_CORP_DRP 24177	17.43 -0.32 0.00	15.26 -0.41 0.00	14.80 -0.13 0.00	14.41 -0.13 0.00	14.95 -0.12 0.00	16.15 -0.36 0.00	18.74 -0.66 0.00	19.99 -1.14 0.00	20.68 -0.77 0.00	20.53 -0.68 0.00	19.77 -0.55 0.00	19.32 -0.56 0.00	18.92 -0.61 0.00	19.66 -0.55 0.00	19.83 -0.57 0.00	20.13 -0.52 0.00	21.33 -0.50 0.00	23.82 -0.92 0.00	24.95 -1.07 0.00	23.55 -1.01 0.00	23.38 -1.00 0.00	21.64 -0.65 0.00	20.48 -0.53 0.00	18.26 -0.49 0.00
OLIN_CORP_DSASP 323712	17.27 -0.48 0.00	15.13 -0.53 0.00	14.67 -0.27 0.00	14.28 -0.26 0.00	14.80 -0.27 0.00	16.02 -0.49 0.00	18.67 -0.74 0.00	19.88 -1.25 0.00	20.57 -0.88 0.00	20.42 -0.78 0.00	19.78 -0.55 0.00	19.22 -0.66 0.00	18.84 -0.68 0.00	19.58 -0.63 0.00	19.79 -0.61 0.00	20.05 -0.60 0.00	21.22 -0.61 0.00	23.72 -1.02 0.00	24.90 -1.12 0.00	23.43 -1.13 0.00	23.25 -1.12 0.00	21.55 -0.73 0.00	20.42 -0.59 0.00	18.19 -0.56 0.00
ONEIDA_HERK_LFGE 323681	18.14 0.39 0.00	15.98 0.31 0.00	15.27 0.33 0.00	14.86 0.32 0.00	15.39 0.32 0.00	16.91 0.40 0.00	19.94 0.54 0.00	21.63 0.51 0.00	21.86 0.41 0.00	21.69 0.49 0.00	20.61 0.28 0.00	20.15 0.28 0.00	19.85 0.33 0.00	20.45 0.24 0.00	20.66 0.26 0.00	20.92 0.27 0.00	22.12 0.28 0.00	25.11 0.37 0.00	26.46 0.44 0.00	25.00 0.44 0.00	24.91 0.54 0.00	22.75 0.47 0.00	21.42 0.42 0.00	19.07 0.32 0.00
ONEIDA____115KV_TB4 55905	18.19 0.44 0.00	16.02 0.36 0.00	15.30 0.36 0.00	14.89 0.35 0.00	15.43 0.36 0.00	16.96 0.45 0.00	20.00 0.60 0.00	21.68 0.55 0.00	21.97 0.51 0.00	21.78 0.57 0.00	20.71 0.39 0.00	20.25 0.38 0.00	19.93 0.41 0.00	20.53 0.32 0.00	20.75 0.35 0.00	21.02 0.37 0.00	22.27 0.44 0.00	25.23 0.49 0.00	26.56 0.55 0.00	25.10 0.54 0.00	24.96 0.58 0.00	22.82 0.53 0.00	21.47 0.46 0.00	19.13 0.38 0.00



ONONDAGA_REF_OCCRA 23987	17.75 0.00 0.00	15.63 -0.03 0.00	14.92 -0.01 0.00	14.52 -0.01 0.00	15.07 0.00 0.00	16.53 0.02 0.00	19.44 0.04 0.00	21.10 -0.02 0.00	21.49 0.04 0.00	21.29 0.08 0.00	20.26 -0.06 0.00	19.81 -0.06 0.00	19.46 -0.06 0.00	20.15 -0.06 0.00	20.32 -0.08 0.00	20.61 -0.04 0.00	21.83 0.00 0.00	24.66 -0.07 0.00	25.94 -0.08 0.00	24.48 -0.07 0.00	24.30 -0.07 0.00	22.26 -0.02 0.00	21.00 0.00 0.00	18.73 -0.02 0.00
ONONDAGA___COGEN 23986	17.76 0.02 0.00	15.65 -0.02 0.00	14.94 0.00 0.00	14.54 0.00 0.00	15.08 0.02 0.00	16.54 0.03 0.00	19.46 0.06 0.00	21.13 0.00 0.00	21.49 0.04 0.00	21.31 0.11 0.00	20.24 -0.08 0.00	19.79 -0.08 0.00	19.46 -0.06 0.00	20.13 -0.08 0.00	20.32 -0.08 0.00	20.61 -0.04 0.00	21.81 -0.02 0.00	24.64 -0.10 0.00	25.91 -0.10 0.00	24.46 -0.10 0.00	24.30 -0.07 0.00	22.26 -0.02 0.00	21.02 0.02 0.00	18.75 0.00 0.00
ONTARIO___LFGE 23819	17.90 0.16 0.00	15.73 0.06 0.00	15.07 0.13 0.00	14.67 0.13 0.00	15.24 0.17 0.00	16.69 0.18 0.00	19.64 0.23 0.00	21.17 0.04 0.00	21.62 0.17 0.00	21.48 0.27 0.00	20.55 0.22 0.00	20.05 0.18 0.00	19.68 0.16 0.00	20.37 0.16 0.00	20.58 0.18 0.00	20.88 0.23 0.00	22.12 0.28 0.00	24.96 0.22 0.00	26.25 0.23 0.00	24.73 0.17 0.00	24.59 0.22 0.00	22.55 0.27 0.00	21.26 0.25 0.00	18.92 0.17 0.00
ORANGEVILLE_WT_PWR 323706	17.87 0.13 0.00	15.68 0.02 0.00	15.12 0.18 0.00	14.71 0.18 0.00	15.27 0.20 0.00	16.59 0.08 0.00	19.40 0.00 0.00	20.77 -0.36 0.00	21.39 -0.06 0.00	21.25 0.04 0.00	20.53 0.20 0.00	19.95 0.08 0.00	19.54 0.02 0.00	20.33 0.12 0.00	20.56 0.16 0.00	20.81 0.16 0.00	22.03 0.20 0.00	24.71 -0.02 0.00	25.94 -0.08 0.00	24.41 -0.15 0.00	24.23 -0.15 0.00	22.37 0.09 0.00	21.13 0.13 0.00	18.85 0.09 0.00
ORANGEVILLE___ESR 323794	17.87 0.13 0.00	15.68 0.02 0.00	15.12 0.18 0.00	14.71 0.18 0.00	15.27 0.20 0.00	16.59 0.08 0.00	19.40 0.00 0.00	20.77 -0.36 0.00	21.39 -0.06 0.00	21.25 0.04 0.00	20.53 0.20 0.00	19.95 0.08 0.00	19.54 0.02 0.00	20.33 0.12 0.00	20.56 0.16 0.00	20.81 0.16 0.00	22.03 0.20 0.00	24.71 -0.02 0.00	25.94 -0.08 0.00	24.41 -0.15 0.00	24.23 -0.15 0.00	22.37 0.09 0.00	21.13 0.13 0.00	18.85 0.09 0.00
OSWEGATCHIE___HYD 24044	17.96 0.21 0.00	15.82 0.16 0.00	15.12 0.18 0.00	14.71 0.18 0.00	15.24 0.17 0.00	16.74 0.23 0.00	19.69 0.29 0.00	21.42 0.30 0.00	21.60 0.15 0.00	21.35 0.15 0.00	20.38 0.06 0.00	19.89 0.02 0.00	19.58 0.06 0.00	20.15 -0.06 0.00	20.40 0.00 0.00	20.59 -0.06 0.00	21.57 -0.26 0.00	24.49 -0.25 0.00	25.89 -0.13 0.00	24.46 -0.10 0.00	24.55 0.17 0.00	22.46 0.18 0.00	21.15 0.15 0.00	18.81 0.06 0.00
OSWEGO___5 23606	17.48 -0.27 0.00	15.41 -0.25 0.00	14.72 -0.22 0.00	14.32 -0.22 0.00	14.86 -0.21 0.00	16.28 -0.23 0.00	19.13 -0.27 0.00	20.79 -0.34 0.00	21.15 -0.30 0.00	20.93 -0.28 0.00	19.92 -0.41 0.00	19.46 -0.42 0.00	19.11 -0.41 0.00	19.78 -0.43 0.00	19.97 -0.43 0.00	20.26 -0.39 0.00	21.42 -0.42 0.00	24.22 -0.52 0.00	25.47 -0.55 0.00	24.04 -0.52 0.00	23.86 -0.51 0.00	21.86 -0.42 0.00	20.67 -0.34 0.00	18.45 -0.30 0.00
OSWEGO___6 23613	17.48 -0.27 0.00	15.41 -0.25 0.00	14.72 -0.22 0.00	14.32 -0.22 0.00	14.86 -0.21 0.00	16.28 -0.23 0.00	19.13 -0.27 0.00	20.79 -0.34 0.00	21.15 -0.30 0.00	20.93 -0.28 0.00	19.92 -0.41 0.00	19.46 -0.42 0.00	19.11 -0.41 0.00	19.78 -0.43 0.00	19.97 -0.43 0.00	20.26 -0.39 0.00	21.42 -0.42 0.00	24.22 -0.52 0.00	25.47 -0.55 0.00	24.04 -0.52 0.00	23.86 -0.51 0.00	21.86 -0.42 0.00	20.67 -0.34 0.00	18.45 -0.30 0.00
OUTOKUMPU-AB___DRP 24206	17.71 -0.04 0.00	15.51 -0.16 0.00	15.00 0.06 0.00	14.60 0.06 0.00	15.15 0.08 0.00	16.41 -0.10 0.00	19.11 -0.29 0.00	20.39 -0.74 0.00	21.09 -0.36 0.00	20.95 -0.25 0.00	20.26 -0.06 0.00	19.75 -0.12 0.00	19.39 -0.14 0.00	20.15 -0.06 0.00	20.32 -0.08 0.00	20.65 0.00 0.00	21.85 0.02 0.00	24.44 -0.30 0.00	25.57 -0.44 0.00	24.12 -0.44 0.00	23.94 -0.44 0.00	22.15 -0.13 0.00	20.94 -0.06 0.00	18.68 -0.08 0.00
OXBOW___ 24026	17.53 -0.21 0.00	15.35 -0.31 0.00	14.86 -0.07 0.00	14.47 -0.07 0.00	15.01 -0.06 0.00	16.25 -0.26 0.00	18.94 -0.47 0.00	20.18 -0.95 0.00	20.89 -0.56 0.00	20.74 -0.47 0.00	20.10 -0.22 0.00	19.54 -0.34 0.00	19.17 -0.35 0.00	19.90 -0.30 0.00	20.13 -0.27 0.00	20.40 -0.25 0.00	21.59 -0.24 0.00	24.17 -0.57 0.00	25.34 -0.68 0.00	23.84 -0.71 0.00	23.64 -0.73 0.00	21.90 -0.38 0.00	20.75 -0.25 0.00	18.47 -0.28 0.00
OXY_CHEM_DSASP 323612	17.27 -0.48 0.00	15.13 -0.53 0.00	14.67 -0.27 0.00	14.28 -0.26 0.00	14.80 -0.27 0.00	16.02 -0.50 0.00	18.67 -0.74 0.00	19.88 -1.25 0.00	20.57 -0.88 0.00	20.42 -0.78 0.00	19.69 -0.63 0.00	19.22 -0.66 0.00	18.84 -0.68 0.00	19.58 -0.63 0.00	19.73 -0.67 0.00	20.05 -0.60 0.00	21.22 -0.61 0.00	23.70 -1.04 0.00	24.84 -1.17 0.00	23.43 -1.13 0.00	23.25 -1.12 0.00	21.55 -0.74 0.00	20.39 -0.61 0.00	18.19 -0.56 0.00
OZONE_PARK_ESR 323760	18.92 1.17 0.00	16.71 1.05 0.00	15.85 0.91 0.00	15.41 0.87 0.00	15.97 0.90 0.00	17.54 1.02 0.00	20.74 1.34 0.00	22.65 1.52 0.00	23.06 1.61 0.00	22.77 1.57 0.00	22.13 1.79 -0.02	21.93 1.81 -0.25	21.30 1.76 -0.02	22.28 1.90 -0.17	22.30 1.88 -0.03	22.49 1.84 0.00	23.90 2.05 -0.02	27.51 2.42 -0.35	28.54 2.52 0.00	26.91 2.36 0.00	26.64 2.27 0.00	24.15 1.87 0.00	22.56 1.55 0.00	20.27 1.52 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.27 -0.48 0.00	15.13 -0.53 0.00	14.67 -0.27 0.00	14.28 -0.26 0.00	14.80 -0.27 0.00	16.02 -0.50 0.00	18.67 -0.74 0.00	19.88 -1.25 0.00	20.57 -0.88 0.00	20.42 -0.78 0.00	19.69 -0.63 0.00	19.22 -0.66 0.00	18.84 -0.68 0.00	19.58 -0.63 0.00	19.73 -0.67 0.00	20.05 -0.60 0.00	21.22 -0.61 0.00	23.70 -1.04 0.00	24.84 -1.17 0.00	23.43 -1.13 0.00	23.25 -1.12 0.00	21.55 -0.74 0.00	20.39 -0.61 0.00	18.19 -0.56 0.00
PACKARD___115KV_DUPONT_184 80571	17.27 -0.48 0.00	15.13 -0.53 0.00	14.67 -0.27 0.00	14.28 -0.26 0.00	14.80 -0.27 0.00	16.02 -0.50 0.00	18.67 -0.74 0.00	19.88 -1.25 0.00	20.57 -0.88 0.00	20.42 -0.78 0.00	19.69 -0.63 0.00	19.22 -0.66 0.00	18.84 -0.68 0.00	19.58 -0.63 0.00	19.73 -0.67 0.00	20.05 -0.60 0.00	21.22 -0.61 0.00	23.70 -1.04 0.00	24.84 -1.17 0.00	23.43 -1.13 0.00	23.25 -1.12 0.00	21.55 -0.74 0.00	20.39 -0.61 0.00	18.19 -0.56 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	18.94 1.19 -0.01	16.74 1.08 0.00	15.88 0.94 0.00	15.46 0.92 -0.01	16.00 0.92 -0.01	17.50 0.99 0.00	20.61 1.20 0.00	22.41 1.29 0.00	22.78 1.33 0.00	22.50 1.29 0.00	21.90 1.56 -0.02	21.51 1.63 -0.01	21.10 1.56 -0.02	21.93 1.72 -0.01	22.06 1.65 -0.01	22.24 1.59 0.00	23.64 1.79 -0.02	26.90 2.15 -0.01	28.20 2.19 0.00	26.60 2.04 0.00	26.30 1.93 0.00	23.91 1.63 0.00	22.41 1.41 0.00	20.23 1.48 0.00



PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.17 1.42 -0.01	16.95 1.28 0.00	16.07 1.14 0.00	15.64 1.09 -0.01	16.19 1.12 -0.01	17.70 1.19 0.00	20.82 1.42 0.00	22.54 1.42 0.00	22.89 1.44 0.00	22.71 1.51 0.00	22.01 1.67 -0.02	21.61 1.73 -0.01	21.26 1.72 -0.02	22.03 1.82 -0.01	22.16 1.75 -0.01	22.34 1.69 0.00	23.75 1.90 -0.02	27.02 2.28 -0.01	28.33 2.32 0.00	26.72 2.16 0.00	26.45 2.07 0.00	24.04 1.76 0.00	22.54 1.53 0.00	20.35 1.59 0.00
PATROON__115KV_TB1 80586	18.38 0.64 0.00	16.31 0.64 0.00	15.49 0.55 0.00	15.08 0.54 0.00	15.61 0.54 0.00	17.11 0.59 0.00	20.06 0.66 0.00	21.76 0.63 0.00	22.03 0.58 0.00	21.73 0.53 0.00	21.03 0.71 0.00	20.57 0.70 0.00	20.22 0.70 0.00	20.95 0.75 0.00	21.11 0.71 0.00	21.31 0.66 0.00	22.51 0.68 0.00	25.58 0.84 0.00	26.90 0.88 0.00	25.44 0.88 0.00	25.20 0.83 0.00	23.00 0.71 0.00	21.59 0.59 0.00	19.35 0.60 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	17.87 0.12 0.00	15.65 -0.02 0.00	15.09 0.15 0.00	14.68 0.15 0.00	15.24 0.17 0.00	16.54 0.03 0.00	19.34 -0.06 0.00	20.62 -0.51 0.00	21.30 -0.15 0.00	21.18 -0.02 0.00	20.45 0.12 0.00	19.93 0.06 0.00	19.50 -0.02 0.00	20.33 0.12 0.00	20.52 0.12 0.00	20.83 0.19 0.00	22.07 0.24 0.00	24.69 -0.05 0.00	25.83 -0.18 0.00	24.31 -0.25 0.00	24.13 -0.24 0.00	22.30 0.02 0.00	21.05 0.04 0.00	18.81 0.06 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	18.70 0.96 0.00	16.54 0.88 0.00	15.70 0.76 0.00	15.28 0.74 0.00	15.81 0.74 0.00	17.34 0.83 0.00	20.51 1.11 0.00	22.39 1.27 0.00	22.74 1.29 0.00	22.46 1.25 0.00	21.77 1.44 0.00	21.34 1.47 0.00	20.95 1.43 0.00	21.72 1.52 0.00	21.89 1.49 0.00	22.14 1.49 0.00	23.54 1.70 0.00	26.79 2.05 0.00	28.17 2.16 0.00	26.57 2.01 0.00	26.35 1.97 0.00	23.93 1.65 0.00	22.26 1.26 0.00	20.03 1.28 0.00
PEEKSKILL____ 23653	18.61 0.87 0.00	16.46 0.80 0.00	15.61 0.67 0.00	15.19 0.65 0.00	15.73 0.66 0.00	17.27 0.76 0.00	20.43 1.03 0.00	22.29 1.16 0.00	22.65 1.20 0.00	22.37 1.17 0.00	21.71 1.38 0.00	21.31 1.43 0.00	20.89 1.37 0.00	21.70 1.50 0.00	21.85 1.45 0.00	22.09 1.44 0.00	23.47 1.64 0.00	26.69 1.95 0.00	28.02 2.00 0.00	26.45 1.89 0.00	26.18 1.80 0.00	23.80 1.52 0.00	22.22 1.22 0.00	19.95 1.20 0.00
PGE MADISON__WINDPWR 24146	18.85 1.10 0.00	16.57 0.91 0.00	15.88 0.94 0.00	15.46 0.92 0.00	15.99 0.92 0.00	17.64 1.12 0.00	20.92 1.51 0.00	22.63 1.50 0.00	22.74 1.29 0.00	22.50 1.29 0.00	21.40 1.08 0.00	20.89 1.01 0.00	20.54 1.01 0.00	21.16 0.95 0.00	21.38 0.98 0.00	21.78 1.13 0.00	23.08 1.24 0.00	26.17 1.43 0.00	27.73 1.72 0.00	26.25 1.69 0.00	26.20 1.83 0.00	23.95 1.67 0.00	22.47 1.47 0.00	19.95 1.20 0.00
PIERCEFIELD__HYD 23852	17.78 0.04 0.00	15.68 0.02 0.00	14.98 0.04 0.00	14.60 0.06 0.00	15.10 0.03 0.00	16.56 0.05 0.00	19.42 0.02 0.00	21.17 0.04 0.00	21.37 -0.09 0.00	21.14 -0.06 0.00	20.26 -0.06 0.00	19.75 -0.12 0.00	19.48 -0.04 0.00	20.00 -0.20 0.00	20.28 -0.12 0.00	20.42 -0.23 0.00	21.24 -0.59 0.00	24.17 -0.57 0.00	25.47 -0.55 0.00	24.02 -0.54 0.00	24.18 -0.19 0.00	22.13 -0.16 0.00	20.86 -0.15 0.00	18.55 -0.21 0.00
PINELAWN_CC_1 323563	22.91 1.35 -3.82	19.81 1.22 -2.92	17.43 1.09 -1.40	17.43 1.06 -1.83	18.32 1.10 -2.15	20.00 1.22 -2.27	25.04 1.55 -4.08	29.14 1.84 -6.18	30.53 1.91 -7.17	29.33 1.76 -6.37	27.57 1.95 -5.30	27.55 1.97 -5.71	27.67 1.82 -6.33	28.20 2.08 -5.91	30.33 2.02 -7.91	30.69 2.02 -8.02	40.97 2.31 -16.82	41.05 2.75 -13.57	29.01 2.99 -0.01	27.41 2.85 -0.01	27.16 2.78 -0.01	25.97 2.30 -1.39	23.09 2.08 -0.01	20.69 1.93 -0.01
PJM_GEN_HTP_PROXY 323702	18.77 1.03 0.00	16.60 0.94 0.00	15.75 0.81 0.00	15.31 0.77 0.00	15.87 0.80 0.00	17.42 0.91 0.00	20.61 1.20 0.00	22.50 1.37 0.00	22.87 1.42 0.00	22.60 1.40 0.00	21.93 1.59 -0.02	21.76 1.63 -0.25	21.12 1.58 -0.02	22.10 1.72 -0.18	22.10 1.67 -0.03	22.30 1.65 0.00	23.70 1.85 -0.02	27.30 2.20 -0.36	28.28 2.26 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.39 1.39 0.00	20.12 1.37 0.00
PJM_GEN_KEystone 24065	18.10 0.35 0.00	15.96 0.30 0.00	15.24 0.30 0.00	14.83 0.29 0.00	15.37 0.30 0.00	16.79 0.28 0.00	19.77 0.37 0.00	21.40 0.27 0.00	21.86 0.41 0.00	21.67 0.47 0.00	20.97 0.65 0.00	20.53 0.64 -0.02	20.09 0.57 0.00	20.92 0.71 -0.01	21.11 0.71 0.00	21.35 0.70 0.00	22.66 0.83 0.00	25.65 0.89 -0.02	26.85 0.83 0.00	25.27 0.71 0.00	25.06 0.68 0.00	22.91 0.62 0.00	21.53 0.53 0.00	19.28 0.52 0.00
PJM_GEN_NEPTUNE_PROXY 323594	20.55 1.15 -1.65	17.98 1.05 -1.26	16.47 0.93 -0.61	16.23 0.90 -0.79	16.92 0.92 -0.93	18.53 1.04 -0.98	22.50 1.34 -1.76	25.36 1.56 -2.67	26.16 1.61 -3.09	25.48 1.53 -2.75	24.30 1.69 -2.29	24.07 1.73 -2.46	23.88 1.62 -2.74	24.55 1.80 -2.55	25.57 1.75 -3.41	25.85 1.73 -3.46	31.06 1.97 -7.27	32.95 2.35 -5.86	28.52 2.50 -0.01	26.95 2.38 -0.01	26.67 2.29 -0.01	25.54 1.87 -1.39	22.71 1.70 -0.01	20.41 1.65 -0.01
PJM_GEN_VFT_PROXY 323633	18.72 0.98 0.00	16.56 0.89 0.00	15.70 0.76 0.00	15.28 0.74 0.00	15.82 0.75 0.00	17.37 0.86 0.00	20.53 1.12 0.00	22.39 1.27 0.00	22.80 1.35 0.00	22.54 1.34 0.00	21.84 1.50 -0.02	21.69 1.57 -0.25	21.06 1.52 -0.02	22.03 1.66 -0.17	22.04 1.61 -0.03	22.24 1.59 0.00	23.64 1.79 -0.02	27.27 2.18 -0.35	28.23 2.21 0.00	26.62 2.06 0.00	26.33 1.95 0.00	23.89 1.61 0.00	22.28 1.28 0.00	20.04 1.29 0.00
PLATSBRG_115KV_PMLD1 355749	18.31 0.57 0.00	16.13 0.47 0.00	15.42 0.48 0.00	15.00 0.47 0.00	15.55 0.48 0.00	17.04 0.53 0.00	19.96 0.56 0.00	21.84 0.72 0.00	22.12 0.66 0.00	21.78 0.57 0.00	21.01 0.69 0.00	20.47 0.60 0.00	20.17 0.64 0.00	20.75 0.55 0.00	21.03 0.63 0.00	21.27 0.62 0.00	22.33 0.50 0.00	25.48 0.74 0.00	26.82 0.81 0.00	25.22 0.66 0.00	25.11 0.73 0.00	22.86 0.58 0.00	21.57 0.57 0.00	19.18 0.43 0.00
PLEASANTVLY__LBMP 24000	18.56 0.82 0.00	16.43 0.77 0.00	15.60 0.66 0.00	15.18 0.64 0.00	15.72 0.65 0.00	17.24 0.73 0.00	20.37 0.97 0.00	22.22 1.10 0.00	22.57 1.12 0.00	22.29 1.08 0.00	21.60 1.28 0.00	21.19 1.31 0.00	20.79 1.27 0.00	21.60 1.39 0.00	21.77 1.37 0.00	21.97 1.32 0.00	23.32 1.48 0.00	26.49 1.76 0.00	27.86 1.85 0.00	26.30 1.74 0.00	26.03 1.66 0.00	23.66 1.38 0.00	22.12 1.11 0.00	19.88 1.13 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	18.69 0.94 0.00	16.53 0.86 0.00	15.67 0.73 0.00	15.25 0.71 0.00	15.79 0.72 0.00	17.32 0.81 0.00	20.51 1.11 0.00	22.37 1.25 0.00	22.74 1.29 0.00	22.46 1.25 0.00	21.79 1.46 0.00	21.38 1.51 0.00	20.99 1.46 0.00	21.78 1.58 0.00	21.95 1.55 0.00	22.16 1.51 0.00	23.54 1.70 0.00	26.76 2.03 0.00	28.12 2.11 0.00	26.55 1.99 0.00	26.28 1.90 0.00	23.86 1.58 0.00	22.28 1.28 0.00	20.01 1.26 0.00



PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	18.69 0.94 0.00	16.53 0.86 0.00	15.67 0.73 0.00	15.25 0.71 0.00	15.79 0.72 0.00	17.32 0.81 0.00	20.51 1.11 0.00	22.37 1.25 0.00	22.74 1.29 0.00	22.46 1.25 0.00	21.79 1.46 0.00	21.38 1.51 0.00	20.99 1.46 0.00	21.78 1.58 0.00	21.95 1.55 0.00	22.16 1.51 0.00	23.54 1.70 0.00	26.76 2.03 0.00	28.12 2.11 0.00	26.55 1.99 0.00	26.28 1.90 0.00	23.86 1.58 0.00	22.28 1.28 0.00	20.01 1.26 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.61 0.87 0.00	16.46 0.80 0.00	15.63 0.69 0.00	15.21 0.67 0.00	15.75 0.68 0.00	17.27 0.76 0.00	20.43 1.03 0.00	22.31 1.18 0.00	22.63 1.18 0.00	22.35 1.15 0.00	21.69 1.36 0.00	21.26 1.39 0.00	20.89 1.37 0.00	21.64 1.43 0.00	21.81 1.41 0.00	22.07 1.42 0.00	23.43 1.59 0.00	26.67 1.93 0.00	28.04 2.03 0.00	26.47 1.92 0.00	26.20 1.83 0.00	23.80 1.52 0.00	22.18 1.18 0.00	19.97 1.22 0.00
POLETTI____ 23519	18.77 1.03 0.00	16.60 0.94 0.00	15.73 0.79 0.00	15.31 0.77 0.00	15.85 0.78 0.00	17.40 0.89 0.00	20.59 1.18 0.00	22.46 1.33 0.00	22.85 1.39 0.00	22.56 1.36 0.00	21.90 1.56 -0.02	21.73 1.61 -0.25	21.10 1.56 -0.02	22.05 1.68 -0.17	22.08 1.65 -0.03	22.26 1.61 0.00	23.64 1.79 -0.02	27.22 2.13 -0.35	28.25 2.24 0.00	26.64 2.09 0.00	26.37 2.00 0.00	23.93 1.65 0.00	22.37 1.37 0.00	20.10 1.35 0.00
PORT_JEFF_3 23555	22.87 1.31 -3.82	19.82 1.24 -2.92	17.46 1.12 -1.40	17.46 1.09 -1.83	18.35 1.13 -2.15	20.02 1.24 -2.27	25.01 1.53 -4.08	29.14 1.84 -6.18	30.55 1.93 -7.17	29.31 1.74 -6.37	27.59 1.97 -5.30	27.57 1.99 -5.71	27.67 1.82 -6.33	28.23 2.12 -5.91	30.37 2.06 -7.91	30.71 2.04 -8.02	40.99 2.34 -16.82	41.07 2.77 -13.57	29.17 3.15 -0.01	27.51 2.95 -0.01	27.26 2.87 -0.01	26.06 2.39 -1.39	23.15 2.14 -0.01	20.73 1.97 -0.01
PORT_JEFF_4 23616	22.87 1.31 -3.82	19.82 1.24 -2.92	17.46 1.12 -1.40	17.46 1.09 -1.83	18.35 1.13 -2.15	20.02 1.24 -2.27	25.01 1.53 -4.08	29.14 1.84 -6.18	30.55 1.93 -7.17	29.31 1.74 -6.37	27.59 1.97 -5.30	27.57 1.99 -5.71	27.67 1.82 -6.33	28.23 2.12 -5.91	30.37 2.06 -7.91	30.71 2.04 -8.02	40.99 2.34 -16.82	41.07 2.77 -13.57	29.17 3.15 -0.01	27.51 2.95 -0.01	27.26 2.87 -0.01	26.06 2.39 -1.39	23.15 2.14 -0.01	20.73 1.97 -0.01
PORT_JEFF_IC 23713	22.87 1.31 -3.82	19.82 1.24 -2.92	17.46 1.12 -1.40	17.46 1.09 -1.83	18.35 1.13 -2.15	20.02 1.24 -2.27	25.04 1.55 -4.08	29.17 1.86 -6.18	30.57 1.95 -7.17	29.33 1.76 -6.37	27.62 1.99 -5.30	27.59 2.01 -5.71	27.69 1.83 -6.33	28.28 2.16 -5.91	30.39 2.08 -7.91	30.73 2.06 -8.02	40.97 2.31 -16.82	41.05 2.75 -13.57	29.22 3.20 -0.01	27.56 2.99 -0.01	27.31 2.92 -0.01	26.10 2.43 -1.39	23.18 2.16 -0.01	20.75 1.99 -0.01
PPL PILGRIM_ST_GT1 24216	22.98 1.42 -3.82	19.90 1.32 -2.92	17.52 1.18 -1.40	17.52 1.15 -1.83	18.41 1.19 -2.15	20.08 1.30 -2.27	25.13 1.65 -4.08	29.27 1.97 -6.18	30.68 2.06 -7.17	29.44 1.87 -6.37	27.72 2.09 -5.30	27.69 2.11 -5.71	27.79 1.93 -6.33	28.34 2.22 -5.91	30.49 2.18 -7.91	30.84 2.17 -8.02	41.14 2.49 -16.82	41.25 2.94 -13.57	29.27 3.25 -0.01	27.61 3.04 -0.01	27.36 2.97 -0.01	26.15 2.47 -1.39	23.24 2.23 -0.01	20.80 2.04 -0.01
PPL PILGRIM_ST_GT2 24217	22.98 1.42 -3.82	19.90 1.32 -2.92	17.52 1.18 -1.40	17.52 1.15 -1.83	18.41 1.19 -2.15	20.08 1.30 -2.27	25.13 1.65 -4.08	29.27 1.97 -6.18	30.68 2.06 -7.17	29.44 1.87 -6.37	27.72 2.09 -5.30	27.69 2.11 -5.71	27.79 1.93 -6.33	28.34 2.22 -5.91	30.49 2.18 -7.91	30.84 2.17 -8.02	41.14 2.49 -16.82	41.25 2.94 -13.57	29.27 3.25 -0.01	27.61 3.04 -0.01	27.36 2.97 -0.01	26.15 2.47 -1.39	23.24 2.23 -0.01	20.80 2.04 -0.01
PPL_SHRM_GT3 24213	22.70 1.14 -3.82	19.72 1.13 -2.92	17.39 1.05 -1.40	17.39 1.02 -1.83	18.29 1.07 -2.15	19.92 1.14 -2.27	24.86 1.38 -4.08	28.85 1.54 -6.18	30.25 1.63 -7.17	29.05 1.48 -6.37	27.29 1.67 -5.30	27.29 1.71 -5.71	27.44 1.58 -6.33	27.97 1.86 -5.91	30.08 1.77 -7.91	30.42 1.75 -8.02	40.75 2.10 -16.82	40.80 2.50 -13.57	28.94 2.91 -0.01	27.27 2.70 -0.01	27.02 2.63 -0.01	25.79 2.12 -1.39	22.88 1.87 -0.01	20.47 1.71 -0.01
PPL_SHRM_GT4 24214	22.70 1.14 -3.82	19.72 1.13 -2.92	17.39 1.05 -1.40	17.39 1.02 -1.83	18.29 1.07 -2.15	19.92 1.14 -2.27	24.86 1.38 -4.08	28.85 1.54 -6.18	30.25 1.63 -7.17	29.05 1.48 -6.37	27.29 1.67 -5.30	27.29 1.71 -5.71	27.44 1.58 -6.33	27.97 1.86 -5.91	30.08 1.77 -7.91	30.42 1.75 -8.02	40.75 2.10 -16.82	40.80 2.50 -13.57	28.94 2.91 -0.01	27.27 2.70 -0.01	27.02 2.63 -0.01	25.79 2.12 -1.39	22.88 1.87 -0.01	20.47 1.71 -0.01
PROJECT____ORANGE 1 24174	17.69 -0.05 0.00	15.59 -0.08 0.00	14.89 -0.04 0.00	14.50 -0.04 0.00	15.04 -0.03 0.00	16.48 -0.03 0.00	19.38 -0.02 0.00	21.04 -0.08 0.00	21.43 -0.02 0.00	21.23 0.02 0.00	20.20 -0.12 0.00	19.73 -0.14 0.00	19.39 -0.14 0.00	20.08 -0.12 0.00	20.26 -0.14 0.00	20.55 -0.10 0.00	21.74 -0.09 0.00	24.56 -0.17 0.00	25.83 -0.18 0.00	24.39 -0.17 0.00	24.20 -0.17 0.00	22.17 -0.11 0.00	20.94 -0.06 0.00	18.68 -0.08 0.00
PROJECT____ORANGE 2 24166	17.69 -0.05 0.00	15.59 -0.08 0.00	14.89 -0.04 0.00	14.50 -0.04 0.00	15.04 -0.03 0.00	16.48 -0.03 0.00	19.38 -0.02 0.00	21.04 -0.08 0.00	21.43 -0.02 0.00	21.23 0.02 0.00	20.20 -0.12 0.00	19.73 -0.14 0.00	19.39 -0.14 0.00	20.08 -0.12 0.00	20.26 -0.14 0.00	20.55 -0.10 0.00	21.74 -0.09 0.00	24.56 -0.17 0.00	25.83 -0.18 0.00	24.39 -0.17 0.00	24.20 -0.17 0.00	22.17 -0.11 0.00	20.94 -0.06 0.00	18.68 -0.08 0.00
PUCKETT____SOLAR 323809	18.15 0.41 0.00	15.99 0.33 0.00	15.28 0.34 0.00	14.87 0.33 0.00	15.42 0.35 0.00	16.91 0.40 0.00	19.93 0.52 0.00	21.55 0.42 0.00	21.88 0.43 0.00	21.65 0.45 0.00	20.73 0.41 0.00	20.25 0.38 0.00	19.87 0.35 0.00	20.59 0.38 0.00	20.79 0.39 0.00	21.12 0.48 0.00	22.38 0.55 0.00	25.33 0.59 0.00	26.72 0.70 0.00	25.22 0.66 0.00	25.08 0.71 0.00	22.95 0.67 0.00	21.61 0.61 0.00	19.28 0.52 0.00
PYRITES____HYD 24023	17.92 0.18 0.00	15.79 0.13 0.00	15.10 0.16 0.00	14.70 0.16 0.00	15.22 0.15 0.00	16.69 0.18 0.00	19.58 0.17 0.00	21.34 0.21 0.00	21.49 0.04 0.00	21.29 0.08 0.00	20.38 0.06 0.00	19.87 0.00 0.00	19.64 0.12 0.00	20.11 -0.10 0.00	20.40 0.00 0.00	20.57 -0.08 0.00	21.46 -0.37 0.00	24.41 -0.32 0.00	25.75 -0.26 0.00	24.29 -0.27 0.00	24.40 0.02 0.00	22.30 0.02 0.00	21.00 0.00 0.00	18.66 -0.09 0.00
QUAKERRD_115KV_BK1 80622	17.23 -0.51 0.00	15.13 -0.53 0.00	14.55 -0.39 0.00	14.16 -0.38 0.00	14.68 -0.39 0.00	16.05 -0.46 0.00	18.80 -0.60 0.00	20.34 -0.78 0.00	20.83 -0.62 0.00	20.65 -0.55 0.00	19.75 -0.57 0.00	19.30 -0.58 0.00	18.96 -0.57 0.00	19.58 -0.63 0.00	19.77 -0.63 0.00	20.13 -0.52 0.00	21.31 -0.52 0.00	23.99 -0.74 0.00	25.16 -0.86 0.00	23.72 -0.83 0.00	23.57 -0.80 0.00	21.68 -0.60 0.00	20.50 -0.50 0.00	18.23 -0.53 0.00



QUENSBRY_I15KV_TB8 356137	19.18 1.44 0.00	16.95 1.28 0.00	16.10 1.17 0.00	15.67 1.13 0.00	16.26 1.19 0.00	17.85 1.34 0.00	21.15 1.75 0.00	22.92 1.80 0.00	23.23 1.78 0.00	22.84 1.63 0.00	22.03 1.71 0.00	21.40 1.53 0.00	20.97 1.44 0.00	21.70 1.50 0.00	21.85 1.45 0.00	22.16 1.51 0.00	23.43 1.59 0.00	26.84 2.10 0.00	28.25 2.24 0.00	26.77 2.21 0.00	26.57 2.19 0.00	24.31 2.03 0.00	22.77 1.76 0.00	20.33 1.58 0.00
RAMAPO____LBMP 323565	18.54 0.80 0.00	16.40 0.74 0.00	15.55 0.61 0.00	15.14 0.60 0.00	15.67 0.60 0.00	17.21 0.69 0.00	20.33 0.93 0.00	22.18 1.06 0.00	22.55 1.09 0.00	22.31 1.10 0.00	21.64 1.32 0.00	21.23 1.35 0.00	20.81 1.29 0.00	21.64 1.43 0.00	21.81 1.41 0.00	22.01 1.36 0.00	23.38 1.55 0.00	26.59 1.86 0.00	27.91 1.90 0.00	26.33 1.77 0.00	26.08 1.71 0.00	23.69 1.40 0.00	22.16 1.16 0.00	19.90 1.14 0.00
RANKINE____ 23646	17.89 0.14 0.00	15.66 0.00 0.00	15.13 0.19 0.00	14.73 0.19 0.00	15.28 0.21 0.00	16.58 0.07 0.00	19.34 -0.06 0.00	20.64 -0.49 0.00	21.32 -0.13 0.00	21.20 0.00 0.00	20.45 0.12 0.00	19.93 0.06 0.00	19.54 0.02 0.00	20.33 0.12 0.00	20.50 0.10 0.00	20.83 0.19 0.00	22.03 0.20 0.00	24.66 -0.07 0.00	25.83 -0.18 0.00	24.34 -0.22 0.00	24.16 -0.22 0.00	22.35 0.07 0.00	21.11 0.11 0.00	18.83 0.08 0.00
RAVENSWOOD_GT2_1 24244	18.77 1.03 0.00	16.60 0.94 0.00	15.75 0.81 0.00	15.32 0.78 0.00	15.87 0.80 0.00	17.42 0.91 0.00	20.59 1.18 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.58 1.38 0.00	21.93 1.59 -0.02	21.74 1.63 -0.24	21.12 1.58 -0.02	22.09 1.72 -0.17	22.10 1.67 -0.02	22.30 1.65 0.00	23.70 1.85 -0.02	27.30 2.23 -0.34	28.28 2.26 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.39 1.39 0.00	20.12 1.37 0.00
RAVENSWOOD_GT2_2 24245	18.77 1.03 0.00	16.60 0.94 0.00	15.75 0.81 0.00	15.32 0.78 0.00	15.87 0.80 0.00	17.42 0.91 0.00	20.59 1.18 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.58 1.38 0.00	21.93 1.59 -0.02	21.74 1.63 -0.24	21.12 1.58 -0.02	22.09 1.72 -0.17	22.10 1.67 -0.02	22.30 1.65 0.00	23.70 1.85 -0.02	27.30 2.23 -0.34	28.28 2.26 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.39 1.39 0.00	20.12 1.37 0.00
RAVENSWOOD_GT2_3 24246	18.79 1.05 0.00	16.62 0.96 0.00	15.75 0.81 0.00	15.32 0.78 0.00	15.87 0.80 0.00	17.42 0.91 0.00	20.61 1.20 0.00	22.50 1.37 0.00	22.87 1.42 0.00	22.60 1.40 0.00	21.94 1.61 -0.02	21.76 1.65 -0.24	21.14 1.60 -0.02	22.11 1.74 -0.17	22.10 1.67 -0.02	22.30 1.65 0.00	23.70 1.85 -0.02	27.30 2.23 -0.34	28.30 2.29 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.39 1.39 0.00	20.12 1.37 0.00
RAVENSWOOD_GT2_4 24247	18.79 1.05 0.00	16.62 0.96 0.00	15.75 0.81 0.00	15.32 0.78 0.00	15.87 0.80 0.00	17.42 0.91 0.00	20.61 1.20 0.00	22.50 1.37 0.00	22.87 1.42 0.00	22.60 1.40 0.00	21.94 1.61 -0.02	21.76 1.65 -0.24	21.14 1.60 -0.02	22.11 1.74 -0.17	22.10 1.67 -0.02	22.30 1.65 0.00	23.70 1.85 -0.02	27.30 2.23 -0.34	28.30 2.29 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.39 1.39 0.00	20.12 1.37 0.00
RAVENSWOOD_GT3_1 24248	18.77 1.03 0.00	16.60 0.94 0.00	15.75 0.81 0.00	15.32 0.78 0.00	15.87 0.80 0.00	17.42 0.91 0.00	20.59 1.18 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.58 1.38 0.00	21.93 1.59 -0.02	21.74 1.63 -0.24	21.12 1.58 -0.02	22.09 1.72 -0.17	22.10 1.67 -0.02	22.30 1.65 0.00	23.70 1.85 -0.02	27.28 2.20 -0.34	28.28 2.26 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.39 1.39 0.00	20.12 1.37 0.00
RAVENSWOOD_GT3_2 24249	18.77 1.03 0.00	16.60 0.94 0.00	15.75 0.81 0.00	15.32 0.78 0.00	15.87 0.80 0.00	17.42 0.91 0.00	20.59 1.18 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.58 1.38 0.00	21.93 1.59 -0.02	21.74 1.63 -0.24	21.12 1.58 -0.02	22.09 1.72 -0.17	22.10 1.67 -0.02	22.30 1.65 0.00	23.70 1.85 -0.02	27.28 2.20 -0.34	28.28 2.26 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.39 1.39 0.00	20.12 1.37 0.00
RAVENSWOOD_GT3_3 24250	18.79 1.05 0.00	16.62 0.96 0.00	15.76 0.82 0.00	15.34 0.80 0.00	15.88 0.81 0.00	17.44 0.92 0.00	20.62 1.22 0.00	22.50 1.37 0.00	22.89 1.44 0.00	22.62 1.42 0.00	21.99 1.65 -0.02	21.78 1.67 -0.24	21.16 1.62 -0.02	22.13 1.76 -0.17	22.16 1.73 -0.02	22.32 1.67 0.00	23.73 1.88 -0.02	27.30 2.23 -0.34	28.33 2.32 0.00	26.72 2.16 0.00	26.45 2.07 0.00	24.00 1.72 0.00	22.41 1.41 0.00	20.14 1.39 0.00
RAVENSWOOD_GT3_4 24251	18.79 1.05 0.00	16.62 0.96 0.00	15.76 0.82 0.00	15.34 0.80 0.00	15.88 0.81 0.00	17.44 0.92 0.00	20.63 1.22 0.00	22.50 1.37 0.00	22.89 1.44 0.00	22.62 1.42 0.00	21.97 1.63 -0.02	21.78 1.67 -0.24	21.16 1.62 -0.02	22.13 1.76 -0.17	22.12 1.69 -0.02	22.32 1.67 0.00	23.73 1.88 -0.02	27.33 2.25 -0.34	28.33 2.31 0.00	26.72 2.16 0.00	26.45 2.07 0.00	24.00 1.72 0.00	22.41 1.41 0.00	20.14 1.39 0.00
RAVENSWOOD_GT_1 23729	18.86 1.12 0.00	16.68 1.02 0.00	15.82 0.88 0.00	15.38 0.84 0.00	15.93 0.86 0.00	17.47 0.96 0.00	20.65 1.24 0.00	22.52 1.39 0.00	22.89 1.44 0.00	22.62 1.42 0.00	22.01 1.67 -0.02	21.84 1.73 -0.24	21.20 1.66 -0.02	22.19 1.82 -0.17	22.18 1.75 -0.03	22.36 1.71 0.00	23.77 1.92 -0.02	27.38 2.30 -0.34	28.34 2.31 -0.01	26.74 2.18 0.00	26.45 2.07 0.00	24.02 1.74 0.00	22.45 1.45 0.00	20.20 1.44 0.00
RAVENSWOOD_GT_10 24258	18.77 1.03 0.00	16.60 0.94 0.00	15.75 0.81 0.00	15.32 0.79 0.00	15.87 0.80 0.00	17.40 0.89 0.00	20.59 1.18 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.58 1.38 0.00	21.95 1.61 -0.02	21.74 1.63 -0.24	21.12 1.58 -0.02	22.09 1.72 -0.17	22.12 1.69 -0.02	22.28 1.63 0.00	23.68 1.83 -0.02	27.28 2.20 -0.34	28.28 2.26 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.39 1.39 0.00	20.10 1.35 0.00
RAVENSWOOD_GT_11 24259	18.77 1.03 0.00	16.60 0.94 0.00	15.75 0.81 0.00	15.32 0.78 0.00	15.87 0.80 0.00	17.40 0.89 0.00	20.59 1.18 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.58 1.38 0.00	21.93 1.59 -0.02	21.74 1.63 -0.24	21.12 1.58 -0.02	22.09 1.72 -0.17	22.10 1.67 -0.02	22.30 1.65 0.00	23.68 1.83 -0.02	27.28 2.20 -0.34	28.28 2.26 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.39 1.39 0.00	20.10 1.35 0.00
RAVENSWOOD_GT_4 24252	18.77 1.03 0.00	16.59 0.92 0.00	15.73 0.79 0.00	15.31 0.77 0.00	15.85 0.78 0.00	17.40 0.89 0.00	20.59 1.18 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.58 1.38 0.00	21.95 1.61 -0.02	21.74 1.63 -0.24	21.12 1.58 -0.02	22.07 1.70 -0.17	22.12 1.69 -0.03	22.28 1.63 0.00	23.68 1.83 -0.02	27.26 2.18 -0.34	28.31 2.29 -0.01	26.70 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.39 1.39 0.00	20.10 1.35 0.00



RAVENSWOOD_GT_5 24254	18.77 1.03 0.00	16.59 0.92 0.00	15.73 0.79 0.00	15.31 0.77 0.00	15.85 0.78 0.00	17.40 0.89 0.00	20.59 1.18 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.58 1.38 0.00	21.95 1.61 -0.02	21.74 1.63 -0.24	21.12 1.58 -0.02	22.07 1.70 -0.17	22.12 1.69 -0.03	22.28 1.63 0.00	23.68 1.83 -0.02	27.26 2.18 -0.34	28.31 2.29 -0.01	26.70 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.39 1.39 0.00	20.10 1.35 0.00
RAVENSWOOD_GT_6 24253	18.77 1.03 0.00	16.59 0.92 0.00	15.73 0.79 0.00	15.31 0.77 0.00	15.85 0.78 0.00	17.40 0.89 0.00	20.59 1.18 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.58 1.38 0.00	21.95 1.61 -0.02	21.74 1.63 -0.24	21.12 1.58 -0.02	22.07 1.70 -0.17	22.12 1.69 -0.03	22.28 1.63 0.00	23.68 1.83 -0.02	27.26 2.18 -0.34	28.31 2.29 -0.01	26.70 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.39 1.39 0.00	20.10 1.35 0.00
RAVENSWOOD_GT_7 24255	18.77 1.03 0.00	16.59 0.92 0.00	15.73 0.79 0.00	15.31 0.77 0.00	15.85 0.78 0.00	17.40 0.89 0.00	20.59 1.18 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.58 1.38 0.00	21.95 1.61 -0.02	21.74 1.63 -0.24	21.12 1.58 -0.02	22.07 1.70 -0.17	22.12 1.69 -0.03	22.28 1.63 0.00	23.68 1.83 -0.02	27.26 2.18 -0.34	28.31 2.29 -0.01	26.70 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.39 1.39 0.00	20.10 1.35 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	18.77 1.03 0.00	16.60 0.94 0.00	15.75 0.81 0.00	15.32 0.79 0.00	15.87 0.80 0.00	17.40 0.89 0.00	20.59 1.18 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.58 1.38 0.00	21.95 1.61 -0.02	21.74 1.63 -0.24	21.12 1.58 -0.02	22.09 1.72 -0.17	22.12 1.69 -0.02	22.28 1.63 0.00	23.68 1.83 -0.02	27.28 2.20 -0.34	28.28 2.26 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.39 1.39 0.00	20.10 1.35 0.00
RAVENSWOOD_GT_9 24257	18.77 1.03 0.00	16.60 0.94 0.00	15.75 0.81 0.00	15.32 0.78 0.00	15.87 0.80 0.00	17.40 0.89 0.00	20.59 1.18 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.58 1.38 0.00	21.93 1.59 -0.02	21.74 1.63 -0.24	21.12 1.58 -0.02	22.09 1.72 -0.17	22.10 1.67 -0.02	22.30 1.65 0.00	23.68 1.83 -0.02	27.28 2.20 -0.34	28.28 2.26 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.39 1.39 0.00	20.10 1.35 0.00
RAVENSWOOD___1 23533	18.85 1.10 0.00	16.67 1.00 0.00	15.81 0.87 0.00	15.38 0.84 0.00	15.91 0.84 0.00	17.45 0.94 0.00	20.63 1.22 0.00	22.50 1.37 0.00	22.89 1.44 0.00	22.60 1.40 0.00	21.99 1.65 -0.02	21.84 1.73 -0.24	21.18 1.64 -0.02	22.19 1.82 -0.17	22.16 1.73 -0.02	22.34 1.69 0.00	23.75 1.90 -0.02	27.38 2.30 -0.34	28.30 2.29 0.00	26.72 2.16 0.00	26.45 2.07 0.00	24.00 1.72 0.00	22.43 1.43 0.00	20.18 1.42 0.00
RAVENSWOOD___2 23534	18.85 1.10 0.00	16.67 1.00 0.00	15.81 0.87 0.00	15.37 0.83 0.00	15.91 0.84 0.00	17.45 0.94 0.00	20.63 1.22 0.00	22.50 1.37 0.00	22.87 1.42 0.00	22.60 1.40 0.00	21.99 1.65 -0.02	21.82 1.71 -0.24	21.18 1.64 -0.02	22.19 1.82 -0.17	22.14 1.71 -0.02	22.34 1.69 0.00	23.75 1.90 -0.02	27.38 2.30 -0.34	28.30 2.29 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.43 1.43 0.00	20.18 1.42 0.00
RAVENSWOOD___3 23535	18.77 1.03 0.00	16.60 0.94 0.00	15.75 0.81 0.00	15.32 0.78 0.00	15.87 0.80 0.00	17.42 0.91 0.00	20.61 1.20 0.00	22.48 1.35 0.00	22.87 1.42 0.00	22.58 1.38 0.00	21.93 1.59 -0.02	21.76 1.65 -0.24	21.12 1.58 -0.02	22.09 1.72 -0.17	22.10 1.67 -0.02	22.30 1.65 0.00	23.70 1.85 -0.02	27.30 2.23 -0.34	28.28 2.26 0.00	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.39 1.39 0.00	20.12 1.37 0.00
RAVENSWOOD___4 23820	18.85 1.10 0.00	16.67 1.00 0.00	15.79 0.85 0.00	15.37 0.83 0.00	15.91 0.84 0.00	17.45 0.94 0.00	20.61 1.20 0.00	22.50 1.37 0.00	22.87 1.42 0.00	22.60 1.40 0.00	21.97 1.63 -0.02	21.82 1.71 -0.24	21.18 1.64 -0.02	22.17 1.80 -0.16	22.13 1.71 -0.02	22.34 1.69 0.00	23.72 1.88 -0.01	27.35 2.27 -0.34	28.30 2.29 0.01	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.41 1.41 0.00	20.18 1.42 0.00
RCPL_TRUST___DRP 24196	18.79 1.05 0.00	16.62 0.96 0.00	15.76 0.82 0.00	15.34 0.80 0.00	15.88 0.81 0.00	17.44 0.92 0.00	20.62 1.22 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	21.99 1.65 -0.02	21.80 1.67 -0.25	21.16 1.62 -0.02	22.12 1.74 -0.18	22.16 1.73 -0.03	22.32 1.67 0.00	23.75 1.90 -0.02	27.33 2.23 -0.36	28.33 2.32 0.00	26.74 2.19 0.00	26.45 2.07 0.00	24.00 1.72 0.00	22.41 1.41 0.00	20.14 1.39 0.00
RED___ROCHESTER 323720	17.87 0.13 0.00	15.66 0.00 0.00	15.09 0.15 0.00	14.68 0.15 0.00	15.22 0.15 0.00	16.61 0.10 0.00	19.44 0.04 0.00	21.02 -0.11 0.00	21.58 0.13 0.00	21.37 0.17 0.00	20.55 0.22 0.00	20.05 0.18 0.00	19.64 0.12 0.00	20.33 0.12 0.00	20.58 0.18 0.00	20.86 0.21 0.00	22.10 0.26 0.00	24.84 0.10 0.00	26.04 0.03 0.00	24.53 -0.02 0.00	24.37 0.00 0.00	22.44 0.16 0.00	21.23 0.23 0.00	18.86 0.11 0.00
REGAN___SOLAR 323812	19.52 1.77 0.00	17.18 1.52 0.00	16.33 1.39 0.00	15.89 1.35 0.00	16.49 1.42 0.00	18.18 1.67 0.00	21.61 2.21 0.00	22.92 1.79 0.00	23.04 1.59 0.00	22.90 1.70 0.00	21.66 1.34 0.00	21.19 1.31 0.00	21.03 1.50 0.00	21.48 1.27 0.00	21.66 1.27 0.00	22.01 1.36 0.00	23.34 1.51 0.00	26.64 1.90 0.00	28.10 2.08 0.00	26.67 2.11 0.00	26.59 2.22 0.00	24.38 2.09 0.00	22.85 1.85 0.00	20.36 1.61 0.00
RENSSELAER___COGEN 23796	18.30 0.55 0.00	16.23 0.56 0.00	15.43 0.49 0.00	15.02 0.48 0.00	15.55 0.48 0.00	17.04 0.53 0.00	19.97 0.56 0.00	21.65 0.53 0.00	21.95 0.49 0.00	21.63 0.42 0.00	20.93 0.61 0.00	20.49 0.62 0.00	20.15 0.62 0.00	20.87 0.67 0.00	21.03 0.63 0.00	21.23 0.58 0.00	22.42 0.59 0.00	25.50 0.77 0.00	26.79 0.78 0.00	25.34 0.79 0.00	25.10 0.73 0.00	22.91 0.62 0.00	21.51 0.50 0.00	19.28 0.52 0.00
REPUBLIC_115KV_BARTNBRK 55605	20.12 2.38 0.00	17.75 2.08 0.00	16.88 1.94 0.00	16.44 1.90 0.00	17.06 1.99 0.00	18.81 2.30 0.00	22.39 2.99 0.00	24.08 2.96 0.00	24.37 2.92 0.00	24.00 2.80 0.00	23.03 2.70 0.00	22.36 2.48 0.00	21.92 2.40 0.00	22.57 2.36 0.00	22.72 2.33 0.00	23.06 2.42 0.00	24.36 2.53 0.00	27.90 3.17 0.00	29.40 3.38 0.00	27.92 3.36 0.00	27.79 3.41 0.00	25.49 3.21 0.00	23.82 2.81 0.00	21.21 2.46 0.00
REVERE_CPPR_DRP 24186	18.33 0.59 0.00	16.13 0.47 0.00	15.42 0.48 0.00	15.00 0.47 0.00	15.54 0.47 0.00	17.09 0.58 0.00	20.18 0.78 0.00	21.89 0.76 0.00	22.10 0.64 0.00	21.93 0.72 0.00	20.81 0.49 0.00	20.35 0.48 0.00	20.05 0.53 0.00	20.63 0.42 0.00	20.85 0.45 0.00	21.10 0.45 0.00	22.36 0.52 0.00	25.35 0.62 0.00	26.74 0.73 0.00	25.27 0.71 0.00	25.18 0.80 0.00	22.97 0.69 0.00	21.61 0.61 0.00	19.22 0.47 0.00



REYNOLDS_115KV_TB3 80639	18.40 0.66 0.00	16.31 0.64 0.00	15.51 0.57 0.00	15.09 0.55 0.00	15.63 0.56 0.00	17.12 0.61 0.00	20.12 0.72 0.00	21.82 0.70 0.00	22.12 0.66 0.00	21.82 0.61 0.00	21.12 0.79 0.00	20.65 0.78 0.00	20.30 0.78 0.00	21.03 0.83 0.00	21.21 0.82 0.00	21.39 0.74 0.00	22.62 0.79 0.00	25.70 0.96 0.00	27.06 1.04 0.00	25.59 1.03 0.00	25.32 0.95 0.00	23.11 0.82 0.00	21.70 0.69 0.00	19.45 0.69 0.00
RIVERBAY____ 323610	19.17 1.42 -0.01	16.95 1.28 0.00	16.07 1.14 0.00	15.64 1.09 -0.01	16.19 1.12 -0.01	17.70 1.19 0.00	20.82 1.42 0.00	22.54 1.42 0.00	22.89 1.44 0.00	22.71 1.51 0.00	22.01 1.67 -0.02	21.61 1.73 -0.01	21.26 1.72 -0.02	22.03 1.82 -0.01	22.16 1.75 -0.01	22.34 1.69 0.00	23.75 1.90 -0.02	27.02 2.28 -0.01	28.33 2.32 0.00	26.72 2.16 0.00	26.45 2.07 0.00	24.04 1.76 0.00	22.54 1.53 0.00	20.35 1.59 0.00
RIVERSDE_115KV_TB3 55908	18.37 0.62 0.00	16.29 0.63 0.00	15.48 0.54 0.00	15.06 0.52 0.00	15.61 0.54 0.00	17.09 0.58 0.00	20.04 0.64 0.00	21.76 0.63 0.00	22.03 0.58 0.00	21.73 0.53 0.00	21.06 0.73 0.00	20.59 0.72 0.00	20.24 0.72 0.00	20.95 0.75 0.00	21.13 0.73 0.00	21.31 0.66 0.00	22.53 0.70 0.00	25.60 0.87 0.00	26.93 0.91 0.00	25.47 0.91 0.00	25.23 0.85 0.00	23.02 0.74 0.00	21.61 0.61 0.00	19.37 0.62 0.00
ROARING____BROOK_WT_PWR 323790	17.57 -0.18 0.00	15.51 -0.16 0.00	14.80 -0.13 0.00	14.41 -0.13 0.00	14.93 -0.14 0.00	16.35 -0.17 0.00	19.17 -0.23 0.00	20.91 -0.21 0.00	21.20 -0.26 0.00	20.95 -0.25 0.00	20.10 -0.22 0.00	19.64 -0.24 0.00	19.31 -0.21 0.00	19.94 -0.26 0.00	20.16 -0.24 0.00	20.40 -0.25 0.00	21.51 -0.33 0.00	24.37 -0.37 0.00	25.65 -0.36 0.00	24.19 -0.37 0.00	24.03 -0.34 0.00	21.97 -0.31 0.00	20.71 -0.29 0.00	18.47 -0.28 0.00
ROCHESRG_115KV_T4 355643	17.69 -0.05 0.00	15.52 -0.14 0.00	14.95 0.01 0.00	14.55 0.01 0.00	15.08 0.02 0.00	16.45 -0.07 0.00	19.25 -0.04 0.00	20.79 -0.16 0.00	21.34 -0.34 0.00	21.12 -0.11 0.00	20.26 -0.06 0.00	19.79 -0.08 0.00	19.40 -0.12 0.00	20.11 -0.10 0.00	20.30 -0.10 0.00	20.61 -0.04 0.00	21.83 0.00 0.00	24.51 -0.22 0.00	25.70 -0.31 0.00	24.26 -0.29 0.00	24.11 -0.27 0.00	22.17 -0.11 0.00	20.98 -0.02 0.00	18.66 -0.09 0.00
ROCHESTER_9_IC 23652	17.78 0.04 0.00	15.60 -0.06 0.00	15.03 0.09 0.00	14.63 0.09 0.00	15.16 0.09 0.00	16.54 0.03 0.00	19.36 -0.04 0.00	20.91 -0.21 0.00	21.47 0.02 0.00	21.27 0.06 0.00	20.38 0.06 0.00	19.93 0.06 0.00	19.54 0.02 0.00	20.23 0.02 0.00	20.42 0.02 0.00	20.75 0.10 0.00	21.96 0.13 0.00	24.69 -0.05 0.00	25.86 -0.16 0.00	24.41 -0.15 0.00	24.25 -0.12 0.00	22.33 0.04 0.00	21.11 0.11 0.00	18.77 0.02 0.00
ROCKVIEW_13_KV_LD 356306	18.74 0.99 0.00	16.57 0.91 0.00	15.72 0.78 0.00	15.30 0.76 0.00	15.84 0.77 0.00	17.37 0.86 0.00	20.57 1.16 0.00	22.46 1.33 0.00	22.82 1.37 0.00	22.54 1.34 0.00	21.91 1.59 0.00	21.48 1.61 0.00	21.08 1.56 0.00	21.90 1.70 0.00	22.07 1.67 0.00	22.26 1.61 0.00	23.67 1.83 0.00	26.91 2.18 0.00	28.28 2.26 0.00	26.67 2.11 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.37 1.37 0.00	20.08 1.33 0.00
ROME____115KV_TB2 80656	18.33 0.59 0.00	16.13 0.47 0.00	15.42 0.48 0.00	15.00 0.47 0.00	15.54 0.47 0.00	17.09 0.58 0.00	20.18 0.78 0.00	21.89 0.76 0.00	22.10 0.64 0.00	21.93 0.72 0.00	20.81 0.49 0.00	20.35 0.48 0.00	20.05 0.53 0.00	20.63 0.42 0.00	20.85 0.45 0.00	21.10 0.45 0.00	22.36 0.52 0.00	25.35 0.62 0.00	26.74 0.73 0.00	25.27 0.71 0.00	25.18 0.80 0.00	22.97 0.69 0.00	21.61 0.61 0.00	19.22 0.47 0.00
ROSETON____1 23587	18.53 0.78 0.00	16.38 0.72 0.00	15.57 0.63 0.00	15.14 0.60 0.00	15.69 0.62 0.00	17.21 0.69 0.00	20.33 0.93 0.00	22.18 1.06 0.00	22.52 1.07 0.00	22.24 1.04 0.00	21.54 1.22 0.00	21.15 1.27 0.00	20.75 1.23 0.00	21.54 1.33 0.00	21.68 1.29 0.00	21.93 1.28 0.00	23.27 1.44 0.00	26.47 1.73 0.00	27.78 1.77 0.00	26.23 1.67 0.00	25.98 1.61 0.00	23.64 1.36 0.00	22.09 1.09 0.00	19.86 1.11 0.00
ROSETON____2 23588	18.53 0.78 0.00	16.38 0.72 0.00	15.57 0.63 0.00	15.14 0.60 0.00	15.69 0.62 0.00	17.21 0.69 0.00	20.33 0.93 0.00	22.18 1.06 0.00	22.52 1.07 0.00	22.24 1.04 0.00	21.54 1.22 0.00	21.15 1.27 0.00	20.75 1.23 0.00	21.54 1.33 0.00	21.68 1.29 0.00	21.93 1.28 0.00	23.27 1.44 0.00	26.47 1.73 0.00	27.78 1.77 0.00	26.23 1.67 0.00	25.98 1.61 0.00	23.64 1.36 0.00	22.09 1.09 0.00	19.86 1.11 0.00
ROTTSDAM_115KV_TB3 80664	18.49 0.75 0.00	16.34 0.67 0.00	15.54 0.60 0.00	15.12 0.58 0.00	15.69 0.62 0.00	17.19 0.68 0.00	20.28 0.87 0.00	22.01 0.89 0.00	22.33 0.88 0.00	22.05 0.85 0.00	21.24 0.91 0.00	20.77 0.89 0.00	20.42 0.90 0.00	21.14 0.93 0.00	21.30 0.90 0.00	21.54 0.89 0.00	22.79 0.96 0.00	25.92 1.19 0.00	27.26 1.25 0.00	25.79 1.23 0.00	25.54 1.17 0.00	23.33 1.05 0.00	21.89 0.88 0.00	19.60 0.84 0.00
RUSSELL____1 23602	17.87 0.12 0.00	15.66 0.00 0.00	15.09 0.15 0.00	14.68 0.15 0.00	15.22 0.15 0.00	16.61 0.10 0.00	19.44 0.04 0.00	21.02 -0.11 0.00	21.58 0.13 0.00	21.37 0.17 0.00	20.51 0.18 0.00	20.05 0.18 0.00	19.64 0.12 0.00	20.33 0.12 0.00	20.54 0.14 0.00	20.86 0.21 0.00	22.09 0.26 0.00	24.84 0.10 0.00	26.01 0.00 0.00	24.53 -0.02 0.00	24.37 0.00 0.00	22.44 0.16 0.00	21.21 0.21 0.00	18.86 0.11 0.00
RUSSELL____2 23532	17.87 0.12 0.00	15.66 0.00 0.00	15.09 0.15 0.00	14.68 0.15 0.00	15.22 0.15 0.00	16.61 0.10 0.00	19.44 0.04 0.00	21.02 -0.11 0.00	21.58 0.13 0.00	21.37 0.17 0.00	20.51 0.18 0.00	20.05 0.18 0.00	19.64 0.12 0.00	20.33 0.12 0.00	20.54 0.14 0.00	20.86 0.21 0.00	22.09 0.26 0.00	24.84 0.10 0.00	26.01 0.00 0.00	24.53 -0.02 0.00	24.37 0.00 0.00	22.44 0.16 0.00	21.21 0.21 0.00	18.86 0.11 0.00
RUSSELL____3 23549	17.87 0.12 0.00	15.66 0.00 0.00	15.09 0.15 0.00	14.68 0.15 0.00	15.22 0.15 0.00	16.61 0.10 0.00	19.44 0.04 0.00	21.02 -0.11 0.00	21.58 0.13 0.00	21.37 0.17 0.00	20.51 0.18 0.00	20.05 0.18 0.00	19.64 0.12 0.00	20.33 0.12 0.00	20.54 0.14 0.00	20.86 0.21 0.00	22.09 0.26 0.00	24.84 0.10 0.00	26.01 0.00 0.00	24.53 -0.02 0.00	24.37 0.00 0.00	22.44 0.16 0.00	21.21 0.21 0.00	18.86 0.11 0.00
RUSSELL____4 23556	17.87 0.12 0.00	15.66 0.00 0.00	15.09 0.15 0.00	14.68 0.15 0.00	15.22 0.15 0.00	16.61 0.10 0.00	19.44 0.04 0.00	21.02 -0.11 0.00	21.58 0.13 0.00	21.37 0.17 0.00	20.51 0.18 0.00	20.05 0.18 0.00	19.64 0.12 0.00	20.33 0.12 0.00	20.54 0.14 0.00	20.86 0.21 0.00	22.09 0.26 0.00	24.84 0.10 0.00	26.01 0.00 0.00	24.53 -0.02 0.00	24.37 0.00 0.00	22.44 0.16 0.00	21.21 0.21 0.00	18.86 0.11 0.00



RUSSELL___STATION 23914	17.87 0.12 0.00	15.66 0.00 0.00	15.09 0.15 0.00	14.68 0.15 0.00	15.22 0.15 0.00	16.61 0.10 0.00	19.44 0.04 0.00	21.02 -0.11 0.00	21.58 0.13 0.00	21.37 0.17 0.00	20.51 0.18 0.00	20.05 0.18 0.00	19.64 0.12 0.00	20.33 0.12 0.00	20.54 0.14 0.00	20.86 0.21 0.00	22.09 0.26 0.00	24.84 0.10 0.00	26.01 0.00 0.00	24.53 -0.02 0.00	24.37 0.00 0.00	22.44 0.16 0.00	21.21 0.21 0.00	18.86 0.11 0.00
S SALMON___HYD 24043	17.76 0.02 0.00	15.65 -0.02 0.00	14.95 0.01 0.00	14.55 0.01 0.00	15.07 0.00 0.00	16.54 0.03 0.00	19.50 0.10 0.00	21.15 0.02 0.00	21.43 -0.02 0.00	21.23 0.02 0.00	20.14 -0.18 0.00	19.67 -0.20 0.00	19.35 -0.18 0.00	19.98 -0.22 0.00	20.16 -0.24 0.00	20.40 -0.25 0.00	21.61 -0.22 0.00	24.46 -0.27 0.00	25.78 -0.23 0.00	24.39 -0.17 0.00	24.25 -0.12 0.00	22.28 0.00 0.00	21.02 0.02 0.00	18.71 -0.04 0.00
S.PERRY___115KV_TB1 80734	18.30 0.55 0.00	16.02 0.36 0.00	15.45 0.51 0.00	15.05 0.51 0.00	15.61 0.54 0.00	17.07 0.56 0.00	19.95 0.54 0.00	21.27 0.15 0.00	21.71 0.26 0.00	21.50 0.30 0.00	20.65 0.33 0.00	20.13 0.26 0.00	19.66 0.14 0.00	20.45 0.24 0.00	20.66 0.27 0.00	20.94 0.29 0.00	22.23 0.39 0.00	25.06 0.32 0.00	26.48 0.47 0.00	25.15 0.59 0.00	25.03 0.66 0.00	23.06 0.78 0.00	21.74 0.74 0.00	19.33 0.58 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.73 -0.02 0.00	15.54 -0.13 0.00	15.03 0.09 0.00	14.63 0.09 0.00	15.18 0.11 0.00	16.43 -0.08 0.00	19.17 -0.23 0.00	20.45 -0.68 0.00	21.13 -0.32 0.00	20.99 -0.21 0.00	20.24 -0.08 0.00	19.73 -0.14 0.00	19.35 -0.18 0.00	20.11 -0.10 0.00	20.28 -0.12 0.00	20.61 -0.04 0.00	21.81 -0.02 0.00	24.39 -0.35 0.00	25.55 -0.47 0.00	24.09 -0.47 0.00	23.91 -0.46 0.00	22.13 -0.16 0.00	20.92 -0.08 0.00	18.66 -0.09 0.00
SAWYER___23_KV_LOAD 55526	17.73 -0.02 0.00	15.54 -0.13 0.00	15.03 0.09 0.00	14.63 0.09 0.00	15.18 0.11 0.00	16.43 -0.08 0.00	19.17 -0.23 0.00	20.45 -0.68 0.00	21.13 -0.32 0.00	20.99 -0.21 0.00	20.24 -0.08 0.00	19.73 -0.14 0.00	19.35 -0.18 0.00	20.11 -0.10 0.00	20.28 -0.12 0.00	20.61 -0.04 0.00	21.81 -0.02 0.00	24.39 -0.35 0.00	25.55 -0.47 0.00	24.09 -0.47 0.00	23.91 -0.46 0.00	22.13 -0.16 0.00	20.92 -0.08 0.00	18.66 -0.09 0.00
SELKIRK___I 23801	18.42 0.67 0.00	16.32 0.66 0.00	15.52 0.58 0.00	15.11 0.57 0.00	15.64 0.57 0.00	17.14 0.63 0.00	20.14 0.74 0.00	21.84 0.72 0.00	22.12 0.67 0.00	21.82 0.62 0.00	21.05 0.73 0.00	20.61 0.74 0.00	20.24 0.72 0.00	20.95 0.75 0.00	21.13 0.73 0.00	21.35 0.70 0.00	22.55 0.72 0.00	25.63 0.89 0.00	26.95 0.94 0.00	25.51 0.96 0.00	25.28 0.90 0.00	23.08 0.80 0.00	21.68 0.67 0.00	19.43 0.67 0.00
SELKIRK___II 23799	18.31 0.57 0.00	16.23 0.56 0.00	15.43 0.49 0.00	15.02 0.48 0.00	15.55 0.48 0.00	17.04 0.53 0.00	20.00 0.60 0.00	21.72 0.59 0.00	22.03 0.58 0.00	21.73 0.53 0.00	20.99 0.67 0.00	20.55 0.68 0.00	20.20 0.68 0.00	20.93 0.73 0.00	21.09 0.69 0.00	21.31 0.66 0.00	22.53 0.70 0.00	25.60 0.87 0.00	26.90 0.89 0.00	25.44 0.88 0.00	25.20 0.83 0.00	23.00 0.71 0.00	21.59 0.59 0.00	19.35 0.60 0.00
SENECA OSWGO___HYD 24041	17.60 -0.14 0.00	15.51 -0.16 0.00	14.80 -0.13 0.00	14.41 -0.13 0.00	14.95 -0.12 0.00	16.38 -0.13 0.00	19.29 -0.12 0.00	20.91 -0.21 0.00	21.28 -0.17 0.00	21.08 -0.13 0.00	20.02 -0.30 0.00	19.55 -0.32 0.00	19.23 -0.29 0.00	19.90 -0.30 0.00	20.07 -0.33 0.00	20.36 -0.29 0.00	21.55 -0.28 0.00	24.37 -0.37 0.00	25.63 -0.39 0.00	24.19 -0.37 0.00	24.03 -0.34 0.00	22.02 -0.27 0.00	20.83 -0.17 0.00	18.58 -0.17 0.00
SENECA___115KV_TB3 355854	17.90 0.16 0.00	15.68 0.02 0.00	15.16 0.22 0.00	14.76 0.22 0.00	15.31 0.24 0.00	16.59 0.08 0.00	19.38 -0.02 0.00	20.68 -0.44 0.00	21.37 -0.09 0.00	21.23 0.02 0.00	20.49 0.16 0.00	19.97 0.10 0.00	19.56 0.04 0.00	20.35 0.14 0.00	20.54 0.14 0.00	20.86 0.21 0.00	22.07 0.24 0.00	24.69 -0.05 0.00	25.86 -0.16 0.00	24.36 -0.20 0.00	24.18 -0.19 0.00	22.37 0.09 0.00	21.15 0.15 0.00	18.86 0.11 0.00
SENECA___ENERGY 23797	17.75 0.00 0.00	15.62 -0.05 0.00	14.95 0.01 0.00	14.54 0.00 0.00	15.10 0.03 0.00	16.54 0.03 0.00	19.48 0.08 0.00	21.08 -0.04 0.00	21.52 0.06 0.00	21.31 0.11 0.00	20.34 0.02 0.00	19.85 -0.02 0.00	19.48 -0.04 0.00	20.17 -0.04 0.00	20.38 -0.02 0.00	20.67 0.02 0.00	21.88 0.04 0.00	24.71 -0.02 0.00	25.99 -0.03 0.00	24.51 -0.05 0.00	24.35 -0.02 0.00	22.33 0.04 0.00	21.05 0.04 0.00	18.75 0.00 0.00
SHOEMAKER___GT 23640	18.38 0.64 0.00	16.26 0.60 0.00	15.45 0.51 0.00	15.02 0.48 0.00	15.57 0.50 0.00	17.07 0.56 0.00	20.18 0.78 0.00	22.03 0.91 0.00	22.37 0.92 0.00	22.07 0.87 0.00	21.36 1.04 0.00	20.95 1.07 0.00	20.56 1.03 0.00	21.34 1.13 0.00	21.50 1.10 0.00	21.76 1.11 0.00	23.10 1.27 0.00	26.27 1.53 0.00	27.60 1.59 0.00	26.06 1.50 0.00	25.81 1.44 0.00	23.49 1.20 0.00	22.03 1.03 0.00	19.80 1.05 0.00
SHOEMAKR_138KV_BK 111 55601	18.38 0.64 0.00	16.26 0.60 0.00	15.45 0.51 0.00	15.02 0.48 0.00	15.57 0.50 0.00	17.07 0.56 0.00	20.18 0.78 0.00	22.01 0.89 0.00	22.35 0.90 0.00	22.07 0.87 0.00	21.38 1.06 0.00	20.97 1.09 0.00	20.58 1.05 0.00	21.34 1.13 0.00	21.52 1.12 0.00	21.76 1.12 0.00	23.10 1.27 0.00	26.25 1.51 0.00	27.60 1.59 0.00	26.03 1.47 0.00	25.79 1.41 0.00	23.46 1.18 0.00	22.03 1.03 0.00	19.78 1.03 0.00
SHOREHAM_IC_1 23715	22.70 1.14 -3.82	19.72 1.13 -2.92	17.39 1.05 -1.40	17.39 1.02 -1.83	18.29 1.07 -2.15	19.92 1.14 -2.27	24.86 1.38 -4.08	28.85 1.54 -6.18	30.25 1.63 -7.17	29.05 1.48 -6.37	27.29 1.67 -5.30	27.29 1.71 -5.71	27.44 1.58 -6.33	27.97 1.86 -5.91	30.08 1.77 -7.91	30.42 1.75 -8.02	40.75 2.10 -16.82	40.80 2.50 -13.57	28.94 2.91 -0.01	27.27 2.70 -0.01	27.02 2.63 -0.01	25.79 2.12 -1.39	22.88 1.87 -0.01	20.47 1.71 -0.01
SHOREHAM_IC_2 23716	22.70 1.14 -3.82	19.72 1.13 -2.92	17.39 1.05 -1.40	17.39 1.02 -1.83	18.29 1.07 -2.15	19.92 1.14 -2.27	24.86 1.38 -4.08	28.85 1.54 -6.18	30.25 1.63 -7.17	29.05 1.48 -6.37	27.29 1.67 -5.30	27.29 1.71 -5.71	27.44 1.58 -6.33	27.97 1.86 -5.91	30.08 1.77 -7.91	30.42 1.75 -8.02	40.75 2.10 -16.82	40.80 2.50 -13.57	28.94 2.91 -0.01	27.27 2.70 -0.01	27.02 2.63 -0.01	25.79 2.12 -1.39	22.88 1.87 -0.01	20.47 1.71 -0.01
SISSONVILLE___ 23735	17.78 0.04 0.00	15.68 0.02 0.00	14.98 0.04 0.00	14.60 0.06 0.00	15.10 0.03 0.00	16.56 0.05 0.00	19.42 0.02 0.00	21.17 0.04 0.00	21.37 -0.09 0.00	21.14 -0.06 0.00	20.26 -0.06 0.00	19.75 -0.12 0.00	19.48 -0.04 0.00	20.00 -0.20 0.00	20.28 -0.12 0.00	20.42 -0.23 0.00	21.24 -0.59 0.00	24.17 -0.57 0.00	25.47 -0.55 0.00	24.02 -0.54 0.00	24.18 -0.19 0.00	22.13 -0.16 0.00	20.86 -0.15 0.00	18.55 -0.21 0.00



SITHE_IND_GS1 24169	17.39 -0.35 0.00	15.32 -0.34 0.00	14.64 -0.30 0.00	14.25 -0.29 0.00	14.77 -0.30 0.00	16.18 -0.33 0.00	19.01 -0.39 0.00	20.66 -0.46 0.00	21.02 -0.43 0.00	20.80 -0.40 0.00	19.73 -0.59 0.00	19.28 -0.60 0.00	18.94 -0.59 0.00	19.60 -0.61 0.00	19.79 -0.61 0.00	20.07 -0.58 0.00	21.24 -0.59 0.00	24.02 -0.72 0.00	25.24 -0.78 0.00	23.82 -0.74 0.00	23.67 -0.71 0.00	21.68 -0.60 0.00	20.54 -0.46 0.00	18.32 -0.43 0.00
SITHE_IND_GS2 24170	17.39 -0.35 0.00	15.32 -0.34 0.00	14.64 -0.30 0.00	14.25 -0.29 0.00	14.77 -0.30 0.00	16.18 -0.33 0.00	19.01 -0.39 0.00	20.66 -0.46 0.00	21.02 -0.43 0.00	20.80 -0.40 0.00	19.73 -0.59 0.00	19.28 -0.60 0.00	18.94 -0.59 0.00	19.60 -0.61 0.00	19.79 -0.61 0.00	20.07 -0.58 0.00	21.24 -0.59 0.00	24.02 -0.72 0.00	25.24 -0.78 0.00	23.82 -0.74 0.00	23.67 -0.71 0.00	21.68 -0.60 0.00	20.54 -0.46 0.00	18.32 -0.43 0.00
SITHE_IND_GS3 24171	17.39 -0.35 0.00	15.32 -0.34 0.00	14.64 -0.30 0.00	14.25 -0.29 0.00	14.77 -0.30 0.00	16.18 -0.33 0.00	19.01 -0.39 0.00	20.66 -0.46 0.00	21.02 -0.43 0.00	20.80 -0.40 0.00	19.73 -0.59 0.00	19.28 -0.60 0.00	18.94 -0.59 0.00	19.60 -0.61 0.00	19.79 -0.61 0.00	20.07 -0.58 0.00	21.24 -0.59 0.00	24.02 -0.72 0.00	25.24 -0.78 0.00	23.82 -0.74 0.00	23.67 -0.71 0.00	21.68 -0.60 0.00	20.54 -0.46 0.00	18.32 -0.43 0.00
SITHE_IND_GS4 24172	17.39 -0.35 0.00	15.32 -0.34 0.00	14.64 -0.30 0.00	14.25 -0.29 0.00	14.77 -0.30 0.00	16.18 -0.33 0.00	19.01 -0.39 0.00	20.66 -0.46 0.00	21.02 -0.43 0.00	20.80 -0.40 0.00	19.73 -0.59 0.00	19.28 -0.60 0.00	18.94 -0.59 0.00	19.60 -0.61 0.00	19.79 -0.61 0.00	20.07 -0.58 0.00	21.24 -0.59 0.00	24.02 -0.72 0.00	25.24 -0.78 0.00	23.82 -0.74 0.00	23.67 -0.71 0.00	21.68 -0.60 0.00	20.54 -0.46 0.00	18.32 -0.43 0.00
SITHE___BATAVIA 24024	17.98 0.23 0.00	15.73 0.06 0.00	15.22 0.28 0.00	14.83 0.29 0.00	15.37 0.30 0.00	16.71 0.20 0.00	19.48 0.08 0.00	20.87 -0.25 0.00	21.49 0.04 0.00	21.33 0.13 0.00	20.57 0.24 0.00	19.99 0.12 0.00	19.66 0.14 0.00	20.33 0.12 0.00	20.58 0.18 0.00	20.83 0.19 0.00	22.07 0.24 0.00	24.79 0.05 0.00	25.99 -0.03 0.00	24.48 -0.07 0.00	24.35 -0.02 0.00	22.48 0.20 0.00	21.28 0.27 0.00	18.90 0.15 0.00
SITHE___INDEPEND 23800	17.39 -0.35 0.00	15.32 -0.34 0.00	14.64 -0.30 0.00	14.25 -0.29 0.00	14.77 -0.30 0.00	16.18 -0.33 0.00	19.01 -0.39 0.00	20.66 -0.46 0.00	21.02 -0.43 0.00	20.80 -0.40 0.00	19.73 -0.59 0.00	19.28 -0.60 0.00	18.94 -0.59 0.00	19.60 -0.61 0.00	19.79 -0.61 0.00	20.07 -0.58 0.00	21.24 -0.59 0.00	24.02 -0.72 0.00	25.23 -0.78 0.00	23.82 -0.74 0.00	23.67 -0.71 0.00	21.68 -0.60 0.00	20.52 -0.48 0.00	18.32 -0.43 0.00
SITHE___MASSENA 23902	17.66 -0.09 0.00	15.59 -0.08 0.00	14.88 -0.06 0.00	14.50 -0.04 0.00	15.01 -0.06 0.00	16.43 -0.08 0.00	19.23 -0.17 0.00	20.98 -0.15 0.00	21.22 -0.24 0.00	20.99 -0.21 0.00	20.14 -0.18 0.00	19.66 -0.22 0.00	19.37 -0.16 0.00	19.92 -0.28 0.00	20.20 -0.20 0.00	20.40 -0.25 0.00	21.42 -0.42 0.00	24.27 -0.47 0.00	25.63 -0.39 0.00	24.14 -0.42 0.00	24.06 -0.32 0.00	21.97 -0.31 0.00	20.73 -0.27 0.00	18.47 -0.28 0.00
SITHE___OGDNSBRG 24021	17.83 0.09 0.00	15.73 0.06 0.00	15.04 0.10 0.00	14.64 0.10 0.00	15.16 0.09 0.00	16.63 0.12 0.00	19.48 0.08 0.00	21.23 0.11 0.00	21.41 -0.04 0.00	21.16 -0.04 0.00	20.30 -0.02 0.00	19.79 -0.08 0.00	19.52 0.00 0.00	20.04 -0.16 0.00	20.34 -0.06 0.00	20.52 -0.12 0.00	21.46 -0.37 0.00	24.44 -0.30 0.00	25.75 -0.26 0.00	24.31 -0.25 0.00	24.35 -0.02 0.00	22.22 -0.07 0.00	20.94 -0.06 0.00	18.62 -0.13 0.00
SITHE___STERLING 23777	18.19 0.44 0.00	16.02 0.36 0.00	15.30 0.36 0.00	14.89 0.35 0.00	15.43 0.36 0.00	16.96 0.45 0.00	20.00 0.60 0.00	21.67 0.55 0.00	21.97 0.51 0.00	21.78 0.57 0.00	20.71 0.39 0.00	20.25 0.38 0.00	19.93 0.41 0.00	20.53 0.32 0.00	20.75 0.35 0.00	21.02 0.37 0.00	22.27 0.44 0.00	25.23 0.49 0.00	26.59 0.57 0.00	25.10 0.54 0.00	24.96 0.58 0.00	22.82 0.53 0.00	21.46 0.46 0.00	19.13 0.37 0.00
SLEIGHT__34_KV_TB1 80719	18.06 0.32 0.00	15.88 0.22 0.00	15.22 0.28 0.00	14.80 0.26 0.00	15.37 0.30 0.00	16.89 0.38 0.00	19.89 0.49 0.00	21.57 0.44 0.00	22.01 0.56 0.00	21.84 0.64 0.00	20.79 0.47 0.00	20.31 0.44 0.00	19.95 0.43 0.00	20.61 0.40 0.00	20.79 0.39 0.00	21.12 0.47 0.00	22.36 0.52 0.00	25.21 0.47 0.00	26.54 0.52 0.00	25.02 0.47 0.00	24.86 0.49 0.00	22.80 0.51 0.00	21.47 0.46 0.00	19.11 0.36 0.00
SOUTH CAIRO___GT 23612	18.60 0.85 0.00	16.49 0.83 0.00	15.70 0.76 0.00	15.27 0.73 0.00	15.81 0.74 0.00	17.32 0.81 0.00	20.37 0.97 0.00	22.12 0.99 0.00	22.35 0.90 0.00	21.95 0.74 0.00	21.26 0.94 0.00	20.81 0.93 0.00	20.46 0.94 0.00	21.12 0.91 0.00	21.28 0.88 0.00	21.56 0.91 0.00	22.82 0.98 0.00	26.02 1.29 0.00	27.39 1.38 0.00	25.98 1.42 0.00	25.74 1.36 0.00	23.44 1.16 0.00	21.89 0.88 0.00	19.73 0.97 0.00
SOUTH HAMPTN___IC 23720	23.00 1.44 -3.82	19.97 1.38 -2.92	17.62 1.28 -1.40	17.62 1.25 -1.83	18.51 1.30 -2.15	20.18 1.40 -2.27	25.17 1.69 -4.08	29.29 1.99 -6.18	30.74 2.12 -7.17	29.46 1.89 -6.37	27.76 2.13 -5.30	27.73 2.15 -5.71	27.81 1.95 -6.33	28.42 2.30 -5.91	30.55 2.24 -7.91	30.88 2.21 -8.02	41.25 2.60 -16.82	41.37 3.07 -13.57	29.56 3.54 -0.01	27.83 3.27 -0.01	27.57 3.19 -0.01	26.30 2.63 -1.39	23.36 2.35 -0.01	20.88 2.12 -0.01
SOUTHDOW__115KV_TB1 355954	18.60 0.85 0.00	16.27 0.61 0.00	15.66 0.72 0.00	15.24 0.70 0.00	15.82 0.75 0.00	17.24 0.73 0.00	20.24 0.83 0.00	21.63 0.51 0.00	22.33 0.88 0.00	22.22 1.02 0.00	21.48 1.16 0.00	20.75 0.87 0.00	20.26 0.74 0.00	21.12 0.91 0.00	21.32 0.92 0.00	21.62 0.97 0.00	22.84 1.00 0.00	25.40 0.67 0.00	26.59 0.57 0.00	25.10 0.54 0.00	24.98 0.61 0.00	23.13 0.85 0.00	21.78 0.78 0.00	19.43 0.68 0.00
SOUTHOLD_69_KV_BK 2 55809	23.30 1.74 -3.82	20.23 1.64 -2.92	17.86 1.52 -1.40	17.85 1.48 -1.83	18.75 1.54 -2.15	20.45 1.67 -2.27	25.50 2.02 -4.08	29.74 2.43 -6.18	31.21 2.60 -7.17	29.86 2.29 -6.37	28.22 2.60 -5.30	28.16 2.58 -5.71	28.18 2.32 -6.33	28.84 2.73 -5.91	31.04 2.73 -7.91	31.33 2.66 -8.02	41.74 3.08 -16.82	41.89 3.59 -13.57	30.18 4.16 0.00	28.41 3.86 0.00	28.13 3.75 0.00	26.84 3.16 -1.39	23.84 2.84 0.00	21.26 2.51 0.00
SOUTHOLD___IC 23719	23.30 1.74 -3.82	20.23 1.64 -2.92	17.86 1.52 -1.40	17.85 1.48 -1.83	18.75 1.54 -2.15	20.45 1.67 -2.27	25.50 2.02 -4.08	29.74 2.43 -6.18	31.21 2.59 -7.17	29.86 2.29 -6.37	28.20 2.58 -5.30	28.16 2.58 -5.71	28.16 2.30 -6.33	28.84 2.73 -5.91	31.00 2.69 -7.91	31.33 2.66 -8.02	41.74 3.08 -16.82	41.91 3.61 -13.57	30.21 4.19 -0.01	28.42 3.86 -0.01	28.13 3.75 -0.01	26.84 3.16 -1.39	23.83 2.82 -0.01	21.27 2.51 -0.01



SPIERFLS_115KV_TB 1 80737	19.09 1.35 0.00	16.87 1.21 0.00	16.03 1.09 0.00	15.60 1.06 0.00	16.17 1.10 0.00	17.77 1.25 0.00	21.03 1.63 0.00	22.80 1.67 0.00	23.10 1.65 0.00	22.71 1.51 0.00	21.91 1.59 0.00	21.28 1.41 0.00	20.85 1.33 0.00	21.60 1.39 0.00	21.72 1.33 0.00	22.03 1.38 0.00	23.32 1.48 0.00	26.72 1.98 0.00	28.12 2.11 0.00	26.62 2.06 0.00	26.42 2.05 0.00	24.18 1.89 0.00	22.64 1.64 0.00	20.23 1.48 0.00
ST LAWRENCE____ 23600	17.43 -0.32 0.00	15.38 -0.28 0.00	14.70 -0.24 0.00	14.31 -0.23 0.00	14.83 -0.24 0.00	16.23 -0.28 0.00	18.99 -0.41 0.00	20.72 -0.40 0.00	21.00 -0.45 0.00	20.76 -0.45 0.00	19.92 -0.41 0.00	19.46 -0.42 0.00	19.15 -0.37 0.00	19.74 -0.46 0.00	19.97 -0.43 0.00	20.19 -0.45 0.00	21.26 -0.57 0.00	24.09 -0.64 0.00	25.39 -0.62 0.00	23.94 -0.61 0.00	23.81 -0.56 0.00	21.75 -0.53 0.00	20.54 -0.46 0.00	18.28 -0.47 0.00
STATE_CA_115KV_115_LB 55624	18.38 0.64 0.00	16.31 0.64 0.00	15.49 0.55 0.00	15.08 0.54 0.00	15.61 0.54 0.00	17.11 0.59 0.00	20.06 0.66 0.00	21.76 0.63 0.00	22.03 0.58 0.00	21.73 0.53 0.00	21.06 0.73 0.00	20.59 0.72 0.00	20.22 0.70 0.00	20.95 0.75 0.00	21.11 0.71 0.00	21.31 0.66 0.00	22.51 0.68 0.00	25.58 0.84 0.00	26.90 0.88 0.00	25.44 0.88 0.00	25.20 0.83 0.00	23.00 0.71 0.00	21.59 0.59 0.00	19.35 0.60 0.00
STATE_ST_34_KV_LOAD 55959	17.90 0.16 0.00	15.77 0.11 0.00	15.09 0.15 0.00	14.67 0.13 0.00	15.24 0.17 0.00	16.71 0.20 0.00	19.69 0.29 0.00	21.46 0.34 0.00	21.86 0.41 0.00	21.59 0.38 0.00	20.63 0.30 0.00	20.17 0.30 0.00	19.70 0.18 0.00	20.47 0.26 0.00	20.66 0.27 0.00	20.98 0.33 0.00	22.20 0.37 0.00	25.06 0.32 0.00	26.41 0.39 0.00	24.88 0.32 0.00	24.74 0.37 0.00	22.68 0.40 0.00	21.36 0.36 0.00	19.05 0.30 0.00
STATION 5_MISC_HYD 23604	17.78 0.04 0.00	15.60 -0.06 0.00	15.03 0.09 0.00	14.63 0.09 0.00	15.16 0.09 0.00	16.54 0.03 0.00	19.36 -0.04 0.00	20.91 -0.21 0.00	21.47 0.02 0.00	21.27 0.06 0.00	20.45 0.12 0.00	19.93 0.06 0.00	19.54 0.02 0.00	20.23 0.02 0.00	20.46 0.06 0.00	20.75 0.10 0.00	21.96 0.13 0.00	24.71 -0.02 0.00	25.91 -0.10 0.00	24.41 -0.15 0.00	24.25 -0.12 0.00	22.33 0.04 0.00	21.11 0.11 0.00	18.77 0.02 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	17.78 0.04 0.00	15.62 -0.05 0.00	15.00 0.06 0.00	14.60 0.06 0.00	15.15 0.08 0.00	16.58 0.07 0.00	19.46 0.06 0.00	21.04 -0.08 0.00	21.54 0.09 0.00	21.35 0.15 0.00	20.40 0.08 0.00	19.95 0.08 0.00	19.58 0.06 0.00	20.23 0.02 0.00	20.44 0.04 0.00	20.77 0.12 0.00	22.01 0.17 0.00	24.76 0.02 0.00	25.99 -0.03 0.00	24.51 -0.05 0.00	24.37 0.00 0.00	22.37 0.09 0.00	21.13 0.13 0.00	18.79 0.04 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	17.66 -0.09 0.00	15.49 -0.17 0.00	14.91 -0.03 0.00	14.51 -0.03 0.00	15.04 -0.03 0.00	16.41 -0.10 0.00	19.23 -0.17 0.00	20.81 -0.32 0.00	21.34 -0.11 0.00	21.14 -0.06 0.00	20.26 -0.06 0.00	19.79 -0.08 0.00	19.42 -0.10 0.00	20.08 -0.12 0.00	20.30 -0.10 0.00	20.63 -0.02 0.00	21.85 0.02 0.00	24.56 -0.17 0.00	25.73 -0.29 0.00	24.26 -0.29 0.00	24.11 -0.27 0.00	22.17 -0.11 0.00	20.96 -0.04 0.00	18.64 -0.11 0.00
STA_56____34_KV_BUS2 355983	17.66 -0.09 0.00	15.49 -0.17 0.00	14.91 -0.03 0.00	14.51 -0.03 0.00	15.04 -0.03 0.00	16.41 -0.10 0.00	19.23 -0.17 0.00	20.81 -0.32 0.00	21.34 -0.11 0.00	21.14 -0.06 0.00	20.26 -0.06 0.00	19.79 -0.08 0.00	19.42 -0.10 0.00	20.08 -0.12 0.00	20.30 -0.10 0.00	20.63 -0.02 0.00	21.85 0.02 0.00	24.56 -0.17 0.00	25.73 -0.29 0.00	24.26 -0.29 0.00	24.11 -0.27 0.00	22.17 -0.11 0.00	20.96 -0.04 0.00	18.64 -0.11 0.00
STA_67____115KV_BK2 355882	17.75 0.00 0.00	15.57 -0.09 0.00	15.00 0.06 0.00	14.60 0.06 0.00	15.15 0.08 0.00	16.51 0.00 0.00	19.32 -0.08 0.00	20.87 -0.25 0.00	21.41 -0.04 0.00	21.20 0.00 0.00	20.34 0.02 0.00	19.87 0.00 0.00	19.48 -0.04 0.00	20.17 -0.04 0.00	20.38 -0.02 0.00	20.69 0.04 0.00	21.92 0.09 0.00	24.61 -0.12 0.00	25.81 -0.21 0.00	24.34 -0.22 0.00	24.18 -0.19 0.00	22.26 -0.02 0.00	21.05 0.04 0.00	18.73 -0.02 0.00
STA_7____115KV_9TRANS 80674	17.87 0.12 0.00	15.66 0.00 0.00	15.09 0.15 0.00	14.68 0.15 0.00	15.22 0.15 0.00	16.61 0.10 0.00	19.44 0.04 0.00	21.02 -0.11 0.00	21.58 0.13 0.00	21.37 0.17 0.00	20.51 0.18 0.00	20.05 0.18 0.00	19.64 0.12 0.00	20.33 0.12 0.00	20.54 0.14 0.00	20.86 0.21 0.00	22.09 0.26 0.00	24.84 0.10 0.00	26.01 0.00 0.00	24.53 -0.02 0.00	24.37 0.00 0.00	22.44 0.16 0.00	21.21 0.21 0.00	18.86 0.11 0.00
STA_82____115KV_TB1 80780	17.75 0.00 0.00	15.57 -0.09 0.00	15.01 0.07 0.00	14.61 0.07 0.00	15.15 0.08 0.00	16.51 0.00 0.00	19.32 -0.08 0.00	20.87 -0.25 0.00	21.43 -0.02 0.00	21.20 0.00 0.00	20.34 0.02 0.00	19.89 0.02 0.00	19.50 -0.02 0.00	20.19 -0.02 0.00	20.38 -0.02 0.00	20.71 0.06 0.00	21.92 0.09 0.00	24.64 -0.10 0.00	25.81 -0.21 0.00	24.36 -0.20 0.00	24.20 -0.17 0.00	22.28 0.00 0.00	21.07 0.06 0.00	18.73 -0.02 0.00
STEEL____WIND 323596	17.90 0.16 0.00	15.68 0.02 0.00	15.15 0.21 0.00	14.74 0.20 0.00	15.30 0.23 0.00	16.58 0.07 0.00	19.36 -0.04 0.00	20.66 -0.46 0.00	21.34 -0.11 0.00	21.20 0.00 0.00	20.53 0.20 0.00	19.95 0.08 0.00	19.54 0.02 0.00	20.33 0.12 0.00	20.56 0.16 0.00	20.83 0.19 0.00	22.05 0.22 0.00	24.71 -0.02 0.00	25.89 -0.13 0.00	24.34 -0.22 0.00	24.15 -0.22 0.00	22.35 0.07 0.00	21.15 0.15 0.00	18.85 0.09 0.00
STEPHTWN_115KV_BK_2 55603	18.46 0.71 0.00	16.35 0.69 0.00	15.55 0.61 0.00	15.14 0.60 0.00	15.67 0.60 0.00	17.17 0.66 0.00	20.16 0.76 0.00	21.84 0.72 0.00	22.14 0.69 0.00	21.82 0.61 0.00	21.14 0.81 0.00	20.67 0.79 0.00	20.32 0.80 0.00	21.03 0.83 0.00	21.19 0.80 0.00	21.39 0.74 0.00	22.62 0.79 0.00	25.70 0.96 0.00	27.03 1.01 0.00	25.56 1.01 0.00	25.32 0.95 0.00	23.13 0.85 0.00	21.70 0.69 0.00	19.45 0.69 0.00
STEBEN_REC_LFGE 323667	18.30 0.55 0.00	16.02 0.36 0.00	15.42 0.48 0.00	15.00 0.47 0.00	15.60 0.53 0.00	17.04 0.53 0.00	20.00 0.60 0.00	21.44 0.32 0.00	21.99 0.54 0.00	21.86 0.66 0.00	20.97 0.65 0.00	20.45 0.58 0.00	20.05 0.53 0.00	20.81 0.61 0.00	20.99 0.59 0.00	21.31 0.66 0.00	22.55 0.72 0.00	25.33 0.59 0.00	26.64 0.62 0.00	25.10 0.54 0.00	24.96 0.58 0.00	23.00 0.71 0.00	21.68 0.67 0.00	19.30 0.54 0.00
STONY____BROOK 24151	22.91 1.35 -3.82	19.84 1.25 -2.92	17.47 1.13 -1.40	17.47 1.10 -1.83	18.36 1.14 -2.15	20.03 1.25 -2.27	25.05 1.57 -4.08	29.23 1.92 -6.18	30.63 2.02 -7.17	29.35 1.78 -6.37	27.65 2.03 -5.30	27.65 2.07 -5.71	27.71 1.86 -6.33	28.32 2.20 -5.91	30.45 2.14 -7.91	30.79 2.13 -8.02	41.06 2.40 -16.82	41.12 2.82 -13.57	29.27 3.25 -0.01	27.63 3.07 -0.01	27.36 2.97 -0.01	26.15 2.47 -1.39	23.22 2.20 -0.01	20.79 2.03 -0.01



STURGEON_POOL_HYD 23609	18.46 0.71 0.00	16.31 0.64 0.00	15.49 0.55 0.00	15.06 0.52 0.00	15.61 0.54 0.00	17.11 0.59 0.00	20.26 0.85 0.00	22.10 0.97 0.00	22.44 0.99 0.00	22.20 1.00 0.00	21.50 1.18 0.00	21.11 1.23 0.00	20.77 1.25 0.00	21.50 1.29 0.00	21.66 1.26 0.00	21.93 1.28 0.00	23.30 1.46 0.00	26.52 1.78 0.00	27.86 1.85 0.00	26.30 1.74 0.00	26.03 1.66 0.00	23.64 1.36 0.00	22.05 1.05 0.00	19.86 1.11 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.47 0.73 0.00	16.34 0.67 0.00	15.51 0.57 0.00	15.09 0.55 0.00	15.63 0.56 0.00	17.14 0.63 0.00	20.28 0.87 0.00	22.10 0.97 0.00	22.44 0.99 0.00	22.20 1.00 0.00	21.50 1.18 0.00	21.09 1.21 0.00	20.73 1.21 0.00	21.48 1.27 0.00	21.64 1.24 0.00	21.89 1.24 0.00	23.23 1.40 0.00	26.42 1.68 0.00	27.76 1.74 0.00	26.18 1.62 0.00	25.93 1.56 0.00	23.58 1.29 0.00	22.10 1.09 0.00	19.86 1.11 0.00
SWANROAD_115KV_TB1 355699	17.44 -0.30 0.00	15.27 -0.39 0.00	14.82 -0.12 0.00	14.42 -0.12 0.00	14.96 -0.11 0.00	16.17 -0.35 0.00	18.76 -0.64 0.00	19.99 -1.14 0.00	20.68 -0.77 0.00	20.53 -0.68 0.00	19.80 -0.53 0.00	19.32 -0.56 0.00	18.94 -0.59 0.00	19.66 -0.55 0.00	19.83 -0.57 0.00	20.15 -0.50 0.00	21.33 -0.50 0.00	23.85 -0.89 0.00	24.97 -1.04 0.00	23.55 -1.01 0.00	23.40 -0.97 0.00	21.66 -0.62 0.00	20.50 -0.50 0.00	18.28 -0.47 0.00
SYNERGY___BIOGAS 323694	17.98 0.23 0.00	15.73 0.06 0.00	15.22 0.28 0.00	14.83 0.29 0.00	15.37 0.30 0.00	16.71 0.20 0.00	19.48 0.08 0.00	20.87 -0.25 0.00	21.49 0.04 0.00	21.33 0.13 0.00	20.57 0.24 0.00	19.99 0.12 0.00	19.66 0.14 0.00	20.33 0.12 0.00	20.58 0.18 0.00	20.83 0.19 0.00	22.07 0.24 0.00	24.79 0.05 0.00	25.99 -0.03 0.00	24.48 -0.07 0.00	24.35 -0.02 0.00	22.48 0.20 0.00	21.28 0.27 0.00	18.90 0.15 0.00
SYRACUSE___ENERGY_ST1 323597	17.76 0.02 0.00	15.65 -0.02 0.00	14.94 0.00 0.00	14.54 0.00 0.00	15.08 0.02 0.00	16.54 0.03 0.00	19.46 0.06 0.00	21.13 0.00 0.00	21.49 0.04 0.00	21.31 0.11 0.00	20.24 -0.08 0.00	19.79 -0.08 0.00	19.46 -0.06 0.00	20.13 -0.08 0.00	20.32 -0.08 0.00	20.61 -0.04 0.00	21.81 -0.02 0.00	24.64 -0.10 0.00	25.91 -0.10 0.00	24.46 -0.10 0.00	24.30 -0.07 0.00	22.26 -0.02 0.00	21.02 0.02 0.00	18.75 0.00 0.00
SYRACUSE___ENERGY_ST2 323598	17.76 0.02 0.00	15.65 -0.02 0.00	14.94 0.00 0.00	14.54 0.00 0.00	15.08 0.02 0.00	16.54 0.03 0.00	19.46 0.06 0.00	21.13 0.00 0.00	21.49 0.04 0.00	21.31 0.11 0.00	20.24 -0.08 0.00	19.79 -0.08 0.00	19.46 -0.06 0.00	20.13 -0.08 0.00	20.32 -0.08 0.00	20.61 -0.04 0.00	21.81 -0.02 0.00	24.64 -0.10 0.00	25.91 -0.10 0.00	24.46 -0.10 0.00	24.30 -0.07 0.00	22.26 -0.02 0.00	21.02 0.02 0.00	18.75 0.00 0.00
SYRACUSE___POWER 24017	17.73 -0.02 0.00	15.62 -0.05 0.00	14.92 -0.01 0.00	14.52 -0.01 0.00	15.07 0.00 0.00	16.51 0.00 0.00	19.44 0.04 0.00	21.08 -0.04 0.00	21.47 0.02 0.00	21.27 0.06 0.00	20.24 -0.08 0.00	19.79 -0.08 0.00	19.44 -0.08 0.00	20.13 -0.08 0.00	20.32 -0.08 0.00	20.61 -0.04 0.00	21.81 -0.02 0.00	24.64 -0.10 0.00	25.91 -0.10 0.00	24.46 -0.10 0.00	24.28 -0.10 0.00	22.24 -0.04 0.00	21.00 0.00 0.00	18.73 -0.02 0.00
TALLMAN__138KV_BK151 55660	18.58 0.83 0.00	16.43 0.77 0.00	15.58 0.64 0.00	15.16 0.63 0.00	15.70 0.63 0.00	17.24 0.73 0.00	20.39 0.99 0.00	22.22 1.10 0.00	22.59 1.14 0.00	22.35 1.15 0.00	21.69 1.36 0.00	21.28 1.41 0.00	20.89 1.37 0.00	21.70 1.50 0.00	21.87 1.47 0.00	22.09 1.45 0.00	23.45 1.62 0.00	26.67 1.93 0.00	28.02 2.00 0.00	26.40 1.84 0.00	26.15 1.78 0.00	23.75 1.47 0.00	22.20 1.20 0.00	19.93 1.18 0.00
TEALLAVE_115KV_TB7 355573	17.69 -0.05 0.00	15.59 -0.08 0.00	14.89 -0.04 0.00	14.48 -0.06 0.00	15.02 -0.05 0.00	16.48 -0.03 0.00	19.38 -0.02 0.00	21.04 -0.08 0.00	21.43 -0.02 0.00	21.23 0.02 0.00	20.18 -0.14 0.00	19.73 -0.14 0.00	19.39 -0.14 0.00	20.06 -0.14 0.00	20.24 -0.16 0.00	20.52 -0.12 0.00	21.72 -0.11 0.00	24.54 -0.20 0.00	25.81 -0.21 0.00	24.36 -0.20 0.00	24.18 -0.19 0.00	22.15 -0.13 0.00	20.92 -0.08 0.00	18.66 -0.09 0.00
TELGRAPH_34_KV_EAST 80808	17.78 0.04 0.00	15.55 -0.11 0.00	15.07 0.13 0.00	14.68 0.15 0.00	15.22 0.15 0.00	16.50 -0.02 0.00	19.21 -0.19 0.00	20.53 -0.59 0.00	21.19 -0.26 0.00	21.06 -0.15 0.00	20.26 -0.06 0.00	19.77 -0.10 0.00	19.42 -0.10 0.00	20.11 -0.10 0.00	20.30 -0.10 0.00	20.63 -0.02 0.00	21.83 0.00 0.00	24.46 -0.27 0.00	25.60 -0.42 0.00	24.16 -0.39 0.00	23.98 -0.39 0.00	22.19 -0.09 0.00	21.00 0.00 0.00	18.70 -0.06 0.00
TEMPLE___115KV_TB 2 55572	17.69 -0.05 0.00	15.59 -0.08 0.00	14.89 -0.04 0.00	14.50 -0.04 0.00	15.04 -0.03 0.00	16.48 -0.03 0.00	19.38 -0.02 0.00	21.04 -0.08 0.00	21.43 -0.02 0.00	21.23 0.02 0.00	20.20 -0.12 0.00	19.73 -0.14 0.00	19.39 -0.14 0.00	20.08 -0.12 0.00	20.26 -0.14 0.00	20.55 -0.10 0.00	21.74 -0.09 0.00	24.56 -0.17 0.00	25.83 -0.18 0.00	24.39 -0.17 0.00	24.20 -0.17 0.00	22.17 -0.11 0.00	20.94 -0.06 0.00	18.68 -0.08 0.00
TIANA____69_KV_BK 1 55817	22.93 1.37 -3.82	19.90 1.32 -2.92	17.56 1.22 -1.40	17.56 1.19 -1.83	18.45 1.24 -2.15	20.12 1.34 -2.27	25.09 1.61 -4.08	29.23 1.92 -6.18	30.66 2.04 -7.17	29.37 1.80 -6.37	27.70 2.07 -5.30	27.67 2.09 -5.71	27.73 1.87 -6.33	28.32 2.20 -5.91	30.51 2.20 -7.91	30.77 2.11 -8.02	41.12 2.47 -16.82	41.20 2.89 -13.57	29.42 3.41 0.00	27.70 3.14 0.00	27.47 3.10 0.00	26.19 2.52 -1.39	23.27 2.27 0.00	20.81 2.06 0.00
TILDEN___115KV_TB1 80814	17.73 -0.02 0.00	15.62 -0.05 0.00	14.92 -0.01 0.00	14.52 -0.01 0.00	15.07 0.00 0.00	16.51 0.00 0.00	19.44 0.04 0.00	21.08 -0.04 0.00	21.47 0.02 0.00	21.27 0.06 0.00	20.24 -0.08 0.00	19.79 -0.08 0.00	19.44 -0.08 0.00	20.13 -0.08 0.00	20.32 -0.08 0.00	20.61 -0.04 0.00	21.81 -0.02 0.00	24.64 -0.10 0.00	25.91 -0.10 0.00	24.46 -0.10 0.00	24.28 -0.10 0.00	22.24 -0.04 0.00	21.00 0.00 0.00	18.73 -0.02 0.00
TRIGEN___CC 323695	22.77 1.21 -3.82	19.68 1.10 -2.92	17.31 0.97 -1.40	17.31 0.95 -1.83	18.18 0.96 -2.15	19.85 1.07 -2.27	24.88 1.40 -4.08	28.93 1.63 -6.18	30.31 1.69 -7.17	29.14 1.57 -6.37	27.43 1.81 -5.30	27.41 1.83 -5.71	27.56 1.70 -6.33	28.01 1.90 -5.91	30.18 1.88 -7.91	30.48 1.82 -8.02	40.71 2.05 -16.82	40.70 2.40 -13.57	28.59 2.58 0.00	26.99 2.43 0.00	26.74 2.36 0.00	25.61 1.94 -1.39	22.77 1.76 0.00	20.46 1.71 0.00
TRINITY__115KV__ 4 BK 55933	18.33 0.59 0.00	16.26 0.60 0.00	15.45 0.51 0.00	15.05 0.51 0.00	15.58 0.51 0.00	17.06 0.54 0.00	20.00 0.60 0.00	21.70 0.57 0.00	21.97 0.51 0.00	21.67 0.47 0.00	20.99 0.67 0.00	20.53 0.66 0.00	20.19 0.66 0.00	20.89 0.69 0.00	21.07 0.67 0.00	21.25 0.60 0.00	22.47 0.63 0.00	25.53 0.79 0.00	26.85 0.83 0.00	25.39 0.83 0.00	25.15 0.78 0.00	22.95 0.67 0.00	21.55 0.55 0.00	19.31 0.56 0.00



UNION___PROCESSING_DRP 323587	17.76 0.02 0.00	15.59 -0.08 0.00	15.01 0.07 0.00	14.61 0.07 0.00	15.15 0.08 0.00	16.51 0.00 0.00	19.32 -0.08 0.00	20.87 -0.25 0.00	21.43 -0.02 0.00	21.23 0.02 0.00	20.36 0.04 0.00	19.89 0.02 0.00	19.50 -0.02 0.00	20.19 -0.02 0.00	20.38 -0.02 0.00	20.71 0.06 0.00	21.94 0.11 0.00	24.64 -0.10 0.00	25.83 -0.18 0.00	24.36 -0.20 0.00	24.20 -0.17 0.00	22.28 0.00 0.00	21.07 0.06 0.00	18.75 0.00 0.00
UPPER HUDSON___HYD 24058	19.09 1.35 0.00	16.87 1.21 0.00	16.03 1.09 0.00	15.60 1.06 0.00	16.17 1.10 0.00	17.77 1.25 0.00	21.03 1.63 0.00	22.79 1.67 0.00	23.10 1.65 0.00	22.71 1.51 0.00	21.91 1.59 0.00	21.28 1.41 0.00	20.85 1.33 0.00	21.60 1.39 0.00	21.72 1.33 0.00	22.03 1.38 0.00	23.32 1.49 0.00	26.72 1.98 0.00	28.10 2.08 0.00	26.62 2.06 0.00	26.42 2.05 0.00	24.18 1.89 0.00	22.62 1.62 0.00	20.23 1.48 0.00
UPPER RAQUET___HYD 24056	17.78 0.04 0.00	15.68 0.02 0.00	14.98 0.04 0.00	14.60 0.06 0.00	15.10 0.03 0.00	16.56 0.05 0.00	19.42 0.02 0.00	21.17 0.04 0.00	21.37 -0.09 0.00	21.14 -0.06 0.00	20.26 -0.06 0.00	19.76 -0.12 0.00	19.48 -0.04 0.00	20.00 -0.20 0.00	20.28 -0.12 0.00	20.42 -0.23 0.00	21.24 -0.59 0.00	24.09 -0.64 0.00	25.47 -0.55 0.00	24.02 -0.54 0.00	24.18 -0.20 0.00	22.13 -0.15 0.00	20.86 -0.15 0.00	18.55 -0.21 0.00
VALLEY44_115KV_TB2 355964	17.85 0.11 0.00	15.66 0.00 0.00	15.06 0.12 0.00	14.66 0.12 0.00	15.22 0.15 0.00	16.56 0.05 0.00	19.42 0.02 0.00	20.75 -0.38 0.00	21.34 -0.11 0.00	21.23 0.02 0.00	20.53 0.20 0.00	19.97 0.10 0.00	19.48 -0.04 0.00	20.39 0.18 0.00	20.58 0.18 0.00	20.90 0.25 0.00	22.12 0.28 0.00	24.76 0.02 0.00	25.91 -0.10 0.00	24.34 -0.22 0.00	24.18 -0.19 0.00	22.33 0.04 0.00	21.02 0.02 0.00	18.83 0.08 0.00
VALLEY___115KV_TB 1-4 80826	17.96 0.21 0.00	15.84 0.17 0.00	15.12 0.18 0.00	14.70 0.16 0.00	15.24 0.17 0.00	16.73 0.21 0.00	19.69 0.29 0.00	21.30 0.17 0.00	21.62 0.17 0.00	21.48 0.28 0.00	20.47 0.14 0.00	20.01 0.14 0.00	19.74 0.21 0.00	20.33 0.12 0.00	20.52 0.12 0.00	20.77 0.12 0.00	21.94 0.11 0.00	24.86 0.12 0.00	26.17 0.16 0.00	24.70 0.15 0.00	24.52 0.15 0.00	22.42 0.13 0.00	21.11 0.11 0.00	18.85 0.09 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.31 0.57 0.00	16.15 0.49 0.00	15.39 0.45 0.00	14.98 0.44 0.00	15.52 0.45 0.00	17.02 0.51 0.00	20.10 0.70 0.00	21.99 0.87 0.00	22.29 0.84 0.00	21.97 0.76 0.00	21.18 0.85 0.00	20.71 0.83 0.00	20.28 0.76 0.00	21.05 0.85 0.00	21.26 0.86 0.00	21.52 0.87 0.00	22.79 0.96 0.00	25.85 1.11 0.00	27.21 1.20 0.00	25.71 1.15 0.00	25.54 1.17 0.00	23.31 1.03 0.00	21.89 0.88 0.00	19.56 0.81 0.00
VISCHER___FERRY HYD 24020	18.56 0.82 0.00	16.43 0.77 0.00	15.63 0.69 0.00	15.21 0.67 0.00	15.78 0.71 0.00	17.29 0.78 0.00	20.37 0.97 0.00	22.12 0.99 0.00	22.39 0.94 0.00	22.12 0.91 0.00	21.34 1.02 0.00	20.87 0.99 0.00	20.52 1.00 0.00	21.26 1.05 0.00	21.42 1.02 0.00	21.64 0.99 0.00	22.90 1.07 0.00	26.05 1.31 0.00	27.39 1.38 0.00	25.91 1.35 0.00	25.67 1.29 0.00	23.44 1.16 0.00	21.95 0.95 0.00	19.67 0.92 0.00
V_A_10_SYNC_DSASP 323832	17.55 -0.20 0.00	15.40 -0.27 0.00	14.89 -0.04 0.00	14.50 -0.04 0.00	15.02 -0.05 0.00	16.31 -0.20 0.00	19.03 -0.37 0.00	20.41 -0.72 0.00	21.04 -0.41 0.00	20.86 -0.34 0.00	20.06 -0.26 0.00	19.60 -0.28 0.00	19.21 -0.31 0.00	19.94 -0.26 0.00	20.11 -0.29 0.00	20.42 -0.23 0.00	21.61 -0.22 0.00	24.22 -0.52 0.00	25.36 -0.65 0.00	23.94 -0.61 0.00	23.77 -0.61 0.00	21.95 -0.33 0.00	20.77 -0.23 0.00	18.49 -0.26 0.00
V_CMM_10_SYNC_DSASP 323787	17.50 -0.25 0.00	15.44 -0.22 0.00	14.76 -0.18 0.00	14.37 -0.17 0.00	14.89 -0.18 0.00	16.30 -0.22 0.00	19.07 -0.33 0.00	20.81 -0.32 0.00	21.07 -0.39 0.00	20.82 -0.38 0.00	20.00 -0.33 0.00	19.54 -0.34 0.00	19.23 -0.29 0.00	19.80 -0.40 0.00	20.05 -0.35 0.00	20.28 -0.37 0.00	21.33 -0.50 0.00	24.17 -0.57 0.00	25.49 -0.52 0.00	24.02 -0.54 0.00	23.91 -0.46 0.00	21.81 -0.47 0.00	20.60 -0.40 0.00	18.36 -0.39 0.00
V_CMP_10_SYNC_DSASP 323788	18.31 0.57 0.00	16.13 0.47 0.00	15.42 0.48 0.00	15.00 0.47 0.00	15.55 0.48 0.00	17.04 0.53 0.00	19.97 0.56 0.00	21.84 0.72 0.00	22.12 0.67 0.00	21.78 0.57 0.00	21.01 0.69 0.00	20.47 0.60 0.00	20.17 0.64 0.00	20.75 0.55 0.00	21.03 0.63 0.00	21.27 0.62 0.00	22.33 0.50 0.00	25.35 0.62 0.00	26.82 0.81 0.00	25.22 0.66 0.00	25.10 0.73 0.00	22.86 0.58 0.00	21.57 0.57 0.00	19.18 0.43 0.00
V_E_10_SYNC_DSASP 323830	18.85 1.10 0.00	16.57 0.91 0.00	15.88 0.94 0.00	15.46 0.92 0.00	15.99 0.92 0.00	17.64 1.12 0.00	20.92 1.51 0.00	22.63 1.50 0.00	22.74 1.29 0.00	22.50 1.29 0.00	21.40 1.08 0.00	20.89 1.01 0.00	20.54 1.01 0.00	21.16 0.95 0.00	21.38 0.98 0.00	21.78 1.13 0.00	23.08 1.24 0.00	26.17 1.43 0.00	27.73 1.72 0.00	26.25 1.69 0.00	26.20 1.83 0.00	23.95 1.67 0.00	22.47 1.47 0.00	19.95 1.20 0.00
V_F_30_NSYNC___DSASP 323816	18.85 1.10 0.00	16.67 1.00 0.00	15.84 0.90 0.00	15.41 0.87 0.00	15.99 0.92 0.00	17.54 1.02 0.00	20.72 1.32 0.00	22.48 1.35 0.00	22.76 1.31 0.00	22.43 1.23 0.00	21.64 1.32 0.00	21.13 1.25 0.00	20.71 1.19 0.00	21.46 1.25 0.00	21.64 1.24 0.00	21.89 1.24 0.00	23.16 1.33 0.00	26.39 1.66 0.00	27.76 1.74 0.00	26.28 1.72 0.00	26.05 1.68 0.00	23.82 1.54 0.00	22.33 1.32 0.00	19.97 1.22 0.00
V_F_30_SYNC_DSASP 323786	18.38 0.64 0.00	16.31 0.64 0.00	15.49 0.55 0.00	15.08 0.54 0.00	15.61 0.54 0.00	17.11 0.59 0.00	20.06 0.66 0.00	21.76 0.63 0.00	22.03 0.58 0.00	21.73 0.53 0.00	21.03 0.71 0.00	20.57 0.70 0.00	20.22 0.70 0.00	20.95 0.75 0.00	21.11 0.71 0.00	21.31 0.66 0.00	22.51 0.68 0.00	25.58 0.84 0.00	26.90 0.88 0.00	25.44 0.88 0.00	25.20 0.83 0.00	23.00 0.71 0.00	21.59 0.59 0.00	19.35 0.60 0.00
V_XM_10_SYNC_DSASP 323789	18.31 0.57 0.00	16.13 0.47 0.00	15.42 0.48 0.00	15.00 0.47 0.00	15.55 0.48 0.00	17.04 0.53 0.00	19.97 0.56 0.00	21.84 0.72 0.00	22.12 0.67 0.00	21.78 0.57 0.00	21.01 0.69 0.00	20.47 0.60 0.00	20.17 0.64 0.00	20.75 0.55 0.00	21.03 0.63 0.00	21.27 0.62 0.00	22.33 0.50 0.00	25.35 0.62 0.00	26.82 0.81 0.00	25.22 0.66 0.00	25.10 0.73 0.00	22.86 0.58 0.00	21.57 0.57 0.00	19.18 0.43 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	18.61 0.87 0.00	16.46 0.80 0.00	15.61 0.67 0.00	15.19 0.65 0.00	15.73 0.66 0.00	17.27 0.76 0.00	20.43 1.03 0.00	22.29 1.16 0.00	22.65 1.20 0.00	22.41 1.21 0.00	21.75 1.42 0.00	21.34 1.47 0.00	20.95 1.43 0.00	21.74 1.54 0.00	21.91 1.51 0.00	22.16 1.51 0.00	23.51 1.68 0.00	26.74 2.00 0.00	28.10 2.08 0.00	26.50 1.94 0.00	26.23 1.85 0.00	23.82 1.54 0.00	22.26 1.26 0.00	19.99 1.24 0.00



W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.79 1.05 0.00	16.62 0.96 0.00	15.76 0.82 0.00	15.34 0.80 0.00	15.88 0.81 0.00	17.44 0.92 0.00	20.62 1.22 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	21.99 1.65 -0.02	21.80 1.67 -0.25	21.16 1.62 -0.02	22.12 1.74 -0.18	22.16 1.73 -0.03	22.32 1.67 0.00	23.75 1.90 -0.02	27.33 2.23 -0.36	28.33 2.32 0.00	26.74 2.19 0.00	26.45 2.07 0.00	24.00 1.72 0.00	22.41 1.41 0.00	20.14 1.39 0.00
W50THST__13_KV_LOAD 356117	18.86 1.12 0.00	16.68 1.02 0.00	15.82 0.88 0.00	15.38 0.84 0.00	15.94 0.87 0.00	17.50 0.99 0.00	20.72 1.32 0.00	22.65 1.52 0.00	23.04 1.59 0.00	22.75 1.55 0.00	22.11 1.77 -0.02	21.88 1.75 -0.25	21.28 1.74 -0.02	22.22 1.84 -0.18	22.28 1.86 -0.03	22.45 1.80 0.00	23.86 2.01 -0.02	27.43 2.33 -0.36	28.46 2.45 0.00	26.84 2.28 0.00	26.57 2.19 0.00	24.09 1.80 0.00	22.49 1.49 0.00	20.21 1.46 0.00
WADING RIVER_IC_1 23522	22.66 1.10 -3.82	19.70 1.11 -2.92	17.37 1.03 -1.40	17.37 1.00 -1.83	18.27 1.05 -2.15	19.90 1.12 -2.27	24.84 1.36 -4.08	28.83 1.52 -6.18	30.23 1.61 -7.17	29.03 1.46 -6.37	27.29 1.67 -5.30	27.27 1.69 -5.71	27.42 1.56 -6.33	27.95 1.84 -5.91	30.06 1.75 -7.91	30.40 1.73 -8.02	40.73 2.08 -16.82	40.78 2.47 -13.57	28.91 2.89 -0.01	27.24 2.68 -0.01	26.99 2.61 -0.01	25.79 2.12 -1.39	22.86 1.85 -0.01	20.45 1.69 -0.01
WADING RIVER_IC_2 23547	22.66 1.10 -3.82	19.70 1.11 -2.92	17.37 1.03 -1.40	17.37 1.00 -1.83	18.27 1.05 -2.15	19.90 1.12 -2.27	24.84 1.36 -4.08	28.83 1.52 -6.18	30.23 1.61 -7.17	29.03 1.46 -6.37	27.29 1.67 -5.30	27.27 1.69 -5.71	27.42 1.56 -6.33	27.95 1.84 -5.91	30.06 1.75 -7.91	30.40 1.73 -8.02	40.73 2.08 -16.82	40.78 2.47 -13.57	28.91 2.89 -0.01	27.24 2.68 -0.01	26.99 2.61 -0.01	25.79 2.12 -1.39	22.86 1.85 -0.01	20.45 1.69 -0.01
WADING RIVER_IC_3 23601	22.66 1.10 -3.82	19.70 1.11 -2.92	17.37 1.03 -1.40	17.37 1.00 -1.83	18.27 1.05 -2.15	19.90 1.12 -2.27	24.84 1.36 -4.08	28.83 1.52 -6.18	30.23 1.61 -7.17	29.03 1.46 -6.37	27.29 1.67 -5.30	27.27 1.69 -5.71	27.42 1.56 -6.33	27.95 1.84 -5.91	30.06 1.75 -7.91	30.40 1.73 -8.02	40.73 2.08 -16.82	40.78 2.47 -13.57	28.91 2.89 -0.01	27.24 2.68 -0.01	26.99 2.61 -0.01	25.79 2.12 -1.39	22.86 1.85 -0.01	20.45 1.69 -0.01
WALDENNY_12_KV_BK2 80841	17.89 0.14 0.00	15.66 0.00 0.00	15.15 0.21 0.00	14.74 0.20 0.00	15.30 0.23 0.00	16.58 0.07 0.00	19.34 -0.06 0.00	20.64 -0.49 0.00	21.34 -0.11 0.00	21.23 0.02 0.00	20.47 0.14 0.00	19.95 0.08 0.00	19.56 0.04 0.00	20.33 0.12 0.00	20.50 0.10 0.00	20.83 0.19 0.00	22.05 0.22 0.00	24.66 -0.07 0.00	25.83 -0.18 0.00	24.34 -0.22 0.00	24.16 -0.22 0.00	22.35 0.07 0.00	21.11 0.11 0.00	18.83 0.08 0.00
WALDEN__HYDRO 24148	18.54 0.80 0.00	16.40 0.74 0.00	15.57 0.63 0.00	15.14 0.60 0.00	15.69 0.62 0.00	17.21 0.69 0.00	20.35 0.95 0.00	22.22 1.10 0.00	22.54 1.09 0.00	22.28 1.08 0.00	21.58 1.26 0.00	21.19 1.31 0.00	20.81 1.29 0.00	21.56 1.35 0.00	21.71 1.31 0.00	22.01 1.36 0.00	23.38 1.55 0.00	26.62 1.88 0.00	27.97 1.95 0.00	26.42 1.87 0.00	26.18 1.80 0.00	23.78 1.49 0.00	22.20 1.20 0.00	19.99 1.24 0.00
WARRENSBURG____ 23737	19.09 1.35 0.00	16.87 1.21 0.00	16.03 1.09 0.00	15.60 1.06 0.00	16.17 1.10 0.00	17.77 1.25 0.00	21.03 1.63 0.00	22.79 1.67 0.00	23.10 1.65 0.00	22.71 1.51 0.00	21.91 1.59 0.00	21.28 1.41 0.00	20.85 1.33 0.00	21.60 1.39 0.00	21.72 1.33 0.00	22.03 1.38 0.00	23.32 1.49 0.00	26.72 1.98 0.00	28.10 2.08 0.00	26.62 2.06 0.00	26.42 2.05 0.00	24.18 1.89 0.00	22.62 1.62 0.00	20.23 1.48 0.00
WATERSIDE____6 8 9 23538	18.85 1.10 0.00	16.67 1.00 0.00	15.79 0.85 0.00	15.37 0.83 0.00	15.91 0.84 0.00	17.45 0.94 0.00	20.61 1.20 0.00	22.50 1.37 0.00	22.87 1.42 0.00	22.60 1.40 0.00	21.99 1.65 -0.02	21.82 1.71 -0.24	21.18 1.64 -0.02	22.17 1.80 -0.16	22.15 1.73 -0.02	22.34 1.69 0.00	23.72 1.88 -0.01	27.33 2.25 -0.34	28.30 2.29 0.01	26.69 2.14 0.00	26.42 2.05 0.00	23.98 1.69 0.00	22.41 1.41 0.00	20.18 1.43 0.00
WATKINRD_115KV_LN8_ILLION 55919	17.90 0.16 0.00	15.79 0.13 0.00	15.06 0.12 0.00	14.66 0.12 0.00	15.19 0.12 0.00	16.66 0.15 0.00	19.62 0.21 0.00	21.25 0.13 0.00	21.58 0.13 0.00	21.39 0.19 0.00	20.43 0.10 0.00	19.97 0.10 0.00	19.68 0.16 0.00	20.31 0.10 0.00	20.50 0.10 0.00	20.75 0.10 0.00	21.94 0.11 0.00	24.86 0.12 0.00	26.17 0.16 0.00	24.70 0.15 0.00	24.52 0.15 0.00	22.42 0.13 0.00	21.11 0.11 0.00	18.85 0.09 0.00
WATSON____69_KV_BK 1 55734	23.09 1.53 -3.82	20.00 1.41 -2.92	17.61 1.27 -1.40	17.60 1.24 -1.83	18.50 1.28 -2.15	20.18 1.40 -2.27	25.25 1.77 -4.08	29.40 2.09 -6.18	30.81 2.19 -7.17	29.56 1.99 -6.37	27.84 2.22 -5.30	27.79 2.21 -5.71	27.91 2.05 -6.33	28.46 2.34 -5.91	30.65 2.35 -7.91	30.98 2.31 -8.02	41.32 2.66 -16.82	41.40 3.09 -13.57	29.50 3.49 0.00	27.82 3.27 0.00	27.57 3.19 0.00	26.35 2.67 -1.39	23.38 2.37 0.00	20.93 2.18 0.00
WDELAWARE__HYD 323627	18.03 0.28 0.00	15.91 0.25 0.00	15.12 0.18 0.00	14.70 0.16 0.00	15.24 0.17 0.00	16.71 0.20 0.00	19.81 0.41 0.00	21.80 0.68 0.00	22.12 0.67 0.00	21.69 0.49 0.00	21.14 0.81 0.00	20.75 0.87 0.00	20.26 0.74 0.00	21.14 0.93 0.00	21.28 0.88 0.00	21.56 0.91 0.00	22.92 1.09 0.00	26.12 1.38 0.00	27.47 1.46 0.00	25.93 1.37 0.00	25.69 1.32 0.00	23.31 1.03 0.00	21.76 0.76 0.00	19.58 0.82 0.00
WEST BABYLON__IC 23714	23.05 1.49 -3.82	19.93 1.35 -2.92	17.55 1.21 -1.40	17.55 1.18 -1.83	18.44 1.22 -2.15	20.13 1.35 -2.27	25.19 1.71 -4.08	29.31 2.01 -6.18	30.72 2.10 -7.17	29.50 1.93 -6.37	27.78 2.15 -5.30	27.73 2.15 -5.71	27.85 1.99 -6.33	28.38 2.26 -5.91	30.55 2.24 -7.91	30.88 2.21 -8.02	41.21 2.55 -16.82	41.27 2.97 -13.57	29.32 3.30 0.00	27.68 3.12 0.00	27.42 3.05 0.00	26.21 2.54 -1.39	23.29 2.29 0.00	20.85 2.10 0.00
WEST CANADA__HYD 24049	17.82 0.07 0.00	15.73 0.06 0.00	15.00 0.06 0.00	14.60 0.06 0.00	15.12 0.05 0.00	16.58 0.07 0.00	19.50 0.10 0.00	21.21 0.08 0.00	21.52 0.06 0.00	21.29 0.09 0.00	20.38 0.06 0.00	19.93 0.06 0.00	19.60 0.08 0.00	20.27 0.06 0.00	20.46 0.06 0.00	20.71 0.06 0.00	21.92 0.09 0.00	24.84 0.10 0.00	26.12 0.10 0.00	24.66 0.10 0.00	24.47 0.10 0.00	22.37 0.09 0.00	21.09 0.08 0.00	18.83 0.08 0.00
WESTERN_NY_WIND 24143	17.96 0.21 0.00	15.71 0.05 0.00	15.22 0.28 0.00	14.82 0.28 0.00	15.37 0.30 0.00	16.69 0.18 0.00	19.46 0.06 0.00	20.83 -0.30 0.00	21.47 0.02 0.00	21.29 0.09 0.00	20.55 0.22 0.00	19.97 0.10 0.00	19.64 0.12 0.00	20.31 0.10 0.00	20.56 0.16 0.00	20.81 0.16 0.00	22.05 0.22 0.00	24.76 0.02 0.00	25.96 -0.05 0.00	24.46 -0.10 0.00	24.30 -0.07 0.00	22.46 0.18 0.00	21.26 0.25 0.00	18.88 0.13 0.00



WESTOVER___LESR 323668	18.03 0.28 0.00	15.88 0.22 0.00	15.18 0.24 0.00	14.77 0.23 0.00	15.33 0.26 0.00	16.78 0.26 0.00	19.75 0.35 0.00	21.36 0.23 0.00	21.79 0.34 0.00	21.59 0.38 0.00	20.71 0.39 0.00	20.23 0.36 0.00	19.85 0.33 0.00	20.61 0.40 0.00	20.79 0.39 0.00	21.08 0.43 0.00	22.31 0.48 0.00	25.18 0.45 0.00	26.48 0.47 0.00	24.95 0.39 0.00	24.79 0.41 0.00	22.71 0.42 0.00	21.38 0.38 0.00	19.09 0.34 0.00
WETHRSFD_WT_PWR 323626	17.89 0.14 0.00	15.68 0.02 0.00	15.13 0.19 0.00	14.73 0.19 0.00	15.28 0.21 0.00	16.61 0.10 0.00	19.42 0.02 0.00	20.79 -0.34 0.00	21.41 -0.04 0.00	21.25 0.04 0.00	20.53 0.20 0.00	19.95 0.08 0.00	19.54 0.02 0.00	20.35 0.14 0.00	20.56 0.16 0.00	20.83 0.19 0.00	22.03 0.20 0.00	24.74 0.00 0.00	25.96 -0.05 0.00	24.41 -0.15 0.00	24.25 -0.12 0.00	22.39 0.11 0.00	21.15 0.15 0.00	18.85 0.09 0.00
WHAVSTOR_138KV_BK127 55557	18.58 0.83 0.00	16.43 0.77 0.00	15.58 0.64 0.00	15.16 0.63 0.00	15.70 0.63 0.00	17.24 0.73 0.00	20.37 0.97 0.00	22.22 1.10 0.00	22.59 1.14 0.00	22.35 1.15 0.00	21.69 1.36 0.00	21.26 1.39 0.00	20.87 1.35 0.00	21.68 1.48 0.00	21.85 1.45 0.00	22.05 1.40 0.00	23.43 1.59 0.00	26.64 1.90 0.00	27.99 1.98 0.00	26.40 1.84 0.00	26.13 1.75 0.00	23.73 1.45 0.00	22.18 1.18 0.00	19.93 1.18 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	18.58 0.83 0.00	16.43 0.77 0.00	15.58 0.64 0.00	15.16 0.63 0.00	15.70 0.63 0.00	17.24 0.73 0.00	20.37 0.97 0.00	22.22 1.10 0.00	22.59 1.14 0.00	22.35 1.15 0.00	21.69 1.36 0.00	21.26 1.39 0.00	20.87 1.35 0.00	21.68 1.48 0.00	21.85 1.45 0.00	22.05 1.40 0.00	23.43 1.59 0.00	26.64 1.90 0.00	27.99 1.98 0.00	26.40 1.84 0.00	26.13 1.75 0.00	23.73 1.45 0.00	22.18 1.18 0.00	19.93 1.18 0.00
WHITEHAL_115KV_TB1 80871	19.50 1.76 0.00	17.21 1.55 0.00	16.36 1.42 0.00	15.92 1.38 0.00	16.52 1.45 0.00	18.16 1.65 0.00	21.58 2.17 0.00	23.37 2.24 0.00	23.66 2.21 0.00	23.22 2.01 0.00	22.40 2.07 0.00	21.76 1.89 0.00	21.28 1.76 0.00	22.02 1.82 0.00	22.19 1.80 0.00	22.51 1.86 0.00	23.80 1.96 0.00	27.23 2.50 0.00	28.69 2.68 0.00	27.21 2.65 0.00	27.03 2.66 0.00	24.78 2.50 0.00	23.17 2.16 0.00	20.66 1.91 0.00
WHITEPLN_13_KV_LOAD 356215	18.77 1.03 0.00	16.60 0.94 0.00	15.75 0.81 0.00	15.32 0.79 0.00	15.88 0.81 0.00	17.40 0.89 0.00	20.62 1.22 0.00	22.46 1.33 0.00	22.80 1.35 0.00	22.60 1.40 0.00	21.89 1.56 0.00	21.46 1.59 0.00	21.14 1.62 0.00	21.88 1.68 0.00	22.05 1.65 0.00	22.24 1.59 0.00	23.64 1.81 0.00	26.89 2.15 0.00	28.25 2.24 0.00	26.67 2.11 0.00	26.40 2.02 0.00	23.98 1.69 0.00	22.37 1.37 0.00	20.08 1.33 0.00
WM_FLOYD_69_KV_BK2 356380	22.82 1.26 -3.82	19.81 1.22 -2.92	17.46 1.12 -1.40	17.46 1.09 -1.83	18.35 1.13 -2.15	20.00 1.22 -2.27	24.98 1.49 -4.08	29.06 1.75 -6.18	30.46 1.84 -7.17	29.22 1.65 -6.37	27.51 1.89 -5.30	27.49 1.91 -5.71	27.59 1.74 -6.33	28.15 2.04 -5.91	30.31 2.00 -7.91	30.61 1.94 -8.02	40.95 2.29 -16.82	41.00 2.70 -13.57	29.14 3.12 0.00	27.48 2.92 0.00	27.20 2.83 0.00	26.01 2.34 -1.39	23.08 2.08 0.00	20.65 1.89 0.00
WOODARD__115KV_TB2 355635	17.66 -0.09 0.00	15.55 -0.11 0.00	14.86 -0.07 0.00	14.47 -0.07 0.00	15.01 -0.06 0.00	16.45 -0.07 0.00	19.34 -0.06 0.00	21.00 -0.13 0.00	21.37 -0.09 0.00	21.16 -0.04 0.00	20.12 -0.20 0.00	19.67 -0.20 0.00	19.33 -0.20 0.00	20.00 -0.20 0.00	20.20 -0.20 0.00	20.48 -0.17 0.00	21.66 -0.17 0.00	24.49 -0.25 0.00	25.75 -0.26 0.00	24.31 -0.25 0.00	24.13 -0.24 0.00	22.10 -0.18 0.00	20.88 -0.13 0.00	18.62 -0.13 0.00
YORK___WARBASSE 23770	18.92 1.17 0.00	16.71 1.05 0.00	15.84 0.90 0.00	15.40 0.86 0.00	15.94 0.87 0.00	17.47 0.96 0.00	20.64 1.24 0.00	22.52 1.39 0.00	22.91 1.46 0.00	22.62 1.42 0.00	22.07 1.73 -0.02	21.92 1.81 -0.24	21.28 1.74 -0.02	22.30 1.92 -0.17	22.28 1.84 -0.04	22.45 1.80 -0.01	23.84 1.96 -0.04	27.47 2.37 -0.36	28.46 2.39 -0.06	26.83 2.26 -0.02	26.56 2.17 -0.02	24.09 1.80 0.00	22.54 1.53 0.00	20.27 1.52 0.00