

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

04/22/2023

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	22.15	22.00	20.94	21.74	20.52	21.85	23.30	20.69	20.99	20.08	21.23	21.03	18.39	17.12	18.56	21.35	21.00	24.18	29.57	28.70	32.96	33.35	30.56	27.69
24138	1.79	1.65	1.44	1.33	1.31	1.53	1.79	1.77	1.93	2.07	2.22	2.32	2.00	1.96	2.10	2.31	2.09	2.34	2.69	2.66	2.94	3.00	2.66	2.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	22.14	21.97	20.91	21.72	20.50	21.82	23.28	20.67	20.96	20.04	21.20	21.00	18.36	17.09	18.53	21.32	20.98	24.16	29.55	28.69	32.95	33.31	30.53	27.64
24260	1.77	1.63	1.41	1.31	1.29	1.50	1.77	1.75	1.90	2.04	2.19	2.29	1.98	1.93	2.07	2.29	2.07	2.32	2.67	2.65	2.92	2.96	2.63	2.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	22.14	21.97	20.91	21.72	20.50	21.82	23.28	20.67	20.96	20.04	21.20	21.00	18.36	17.09	18.53	21.32	20.98	24.16	29.55	28.69	32.95	33.31	30.53	27.64
24261	1.77	1.63	1.41	1.31	1.29	1.50	1.77	1.75	1.90	2.04	2.19	2.29	1.98	1.93	2.07	2.29	2.07	2.32	2.67	2.65	2.92	2.96	2.63	2.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	21.61	21.52	20.51	21.47	20.27	21.60	22.97	20.24	20.55	19.44	20.53	20.34	17.70	16.34	17.58	20.33	19.93	23.04	28.89	28.13	32.48	32.65	29.94	26.90
24011	1.25	1.18	1.01	1.06	1.06	1.28	1.46	1.33	1.48	1.42	1.52	1.63	1.31	1.17	1.11	1.17	0.99	1.17	1.98	2.06	2.42	2.27	2.01	1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.13	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	0.00
ADK RESOURCE___RCVRY	21.76	21.65	20.64	21.64	20.42	21.78	23.13	20.38	20.68	19.55	20.69	20.51	17.83	16.45	17.69	20.31	19.96	23.08	29.00	28.24	32.63	32.78	30.08	27.00
23798	1.40	1.31	1.14	1.23	1.21	1.46	1.62	1.46	1.62	1.54	1.69	1.81	1.44	1.30	1.23	1.28	1.05	1.24	2.12	2.21	2.60	2.43	2.18	1.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.61	21.52	20.51	21.47	20.27	21.60	22.97	20.24	20.55	19.44	20.53	20.34	17.70	16.34	17.58	20.33	19.93	23.04	28.89	28.13	32.48	32.65	29.94	26.90
24028	1.25	1.18	1.01	1.06	1.06	1.28	1.46	1.33	1.48	1.42	1.52	1.63	1.31	1.17	1.11	1.17	0.99	1.17	1.98	2.06	2.42	2.27	2.01	1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.13	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	0.00
ADK_NYS___DAM	21.11	21.08	20.07	20.97	19.84	21.22	22.63	20.09	20.35	19.23	20.37	20.18	17.63	16.42	17.79	20.43	20.10	23.10	28.62	27.76	32.01	32.14	29.39	26.41
23527	0.75	0.73	0.58	0.56	0.62	0.90	1.12	1.17	1.28	1.22	1.36	1.47	1.24	1.26	1.33	1.40	1.19	1.26	1.74	1.72	1.98	1.79	1.48	0.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.66	20.64	19.72	20.54	19.40	20.64	21.96	19.50	19.75	18.71	19.70	19.50	17.09	15.89	17.22	19.92	19.60	22.56	27.85	27.00	31.09	31.26	28.63	25.85
24190	0.29	0.30	0.22	0.13	0.20	0.32	0.46	0.58	0.69	0.70	0.69	0.80	0.70	0.73	0.75	0.76	0.66	0.69	0.93	0.93	1.03	0.88	0.69	0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.13	-0.04	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	0.00
AKWESSNE_115KV_BK	19.91	19.92	19.21	20.18	19.00	20.04	21.17	18.54	18.59	17.52	18.52	18.15	15.94	13.21	11.68	17.94	18.42	21.28	26.20	25.34	29.28	29.69	27.31	25.14
355683	-0.46	-0.42	-0.28	-0.23	-0.21	-0.27	-0.34	-0.38	-0.48	-0.49	-0.49	-0.55	-0.45	-0.50	-0.49	-0.51	-0.44	-0.51	-0.62	-0.64	-0.68	-0.59	-0.53	-0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.45	4.29	0.59	0.05	0.05	0.06	0.06	0.06	0.06	0.05	0.00
ALBANY___1	20.66	20.64	19.72	20.54	19.40	20.64	21.96	19.50	19.75	18.71	19.70	19.50	17.09	15.89	17.22	19.92	19.60	22.56	27.85	27.00	31.09	31.26	28.63	25.85
23571	0.29	0.30	0.22	0.13	0.20	0.32	0.46	0.58	0.69	0.70	0.69	0.80	0.70	0.73	0.75	0.76	0.66	0.69	0.93	0.93	1.03	0.88	0.69	0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.13	-0.04	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	0.00
ALBANY___2	20.66	20.64	19.72	20.54	19.40	20.64	21.96	19.50	19.75	18.71	19.70	19.50	17.09	15.89	17.22	19.92	19.60	22.56	27.85	27.00	31.09	31.26	28.63	25.85
23572	0.29	0.30	0.22	0.13	0.20	0.32	0.46	0.58	0.69	0.70	0.69	0.80	0.70	0.73	0.75	0.76	0.66	0.69	0.93	0.93	1.03	0.88	0.69	0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.13	-0.04	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	0.00
ALBANY___3	20.66	20.64	19.72	20.54	19.40	20.64	21.96	19.50	19.75	18.71	19.70	19.50	17.09	15.89	17.22	19.92	19.60	22.56	27.85	27.00	31.09	31.26	28.63	25.85
23573	0.29	0.30	0.22	0.13	0.20	0.32	0.46	0.58	0.69	0.70	0.69	0.80	0.70	0.73	0.75	0.76	0.66	0.69	0.93	0.93	1.03	0.88	0.69	0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.13	-0.04	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	0.00



ALBANY___4 23574	20.66 0.29 0.00	20.64 0.30 0.00	19.72 0.22 0.00	20.54 0.13 0.00	19.40 0.20 0.00	20.64 0.32 0.00	21.96 0.46 0.00	19.50 0.58 0.00	19.75 0.69 0.00	18.71 0.70 0.00	19.70 0.69 0.00	19.50 0.80 0.00	17.09 0.70 0.00	15.89 0.73 -0.01	17.22 0.75 0.00	19.92 0.76 -0.13	19.60 0.66 -0.04	22.56 0.69 -0.03	27.85 0.93 -0.03	27.00 0.93 -0.03	31.09 1.03 -0.03	31.26 0.88 -0.03	28.63 0.69 -0.03	25.85 0.40 0.00
ALBANY___LFGE 323615	20.83 0.47 0.00	20.80 0.46 0.00	19.86 0.37 0.00	20.70 0.29 0.00	19.56 0.35 0.00	20.81 0.49 0.00	22.14 0.63 0.00	19.66 0.74 0.00	19.90 0.84 0.00	18.85 0.84 0.00	19.86 0.85 0.00	19.66 0.96 0.00	17.23 0.84 0.00	16.01 0.85 0.00	17.35 0.89 0.00	19.95 0.92 0.00	19.74 0.83 0.00	22.74 0.90 0.00	28.06 1.18 0.00	27.22 1.18 0.00	31.34 1.32 0.00	31.51 1.16 0.00	28.84 0.94 0.00	26.07 0.61 0.00
ALCOA_PA_115KV_PL-6C 55860	19.93 -0.43 0.00	19.95 -0.39 0.00	19.32 -0.18 0.00	20.29 -0.12 0.00	19.10 -0.10 0.00	20.07 -0.25 0.00	21.19 -0.32 0.00	18.54 -0.38 0.00	18.58 -0.49 0.00	17.49 -0.52 0.00	18.52 -0.49 0.00	18.17 -0.53 0.00	15.96 -0.42 0.00	13.63 -0.47 1.06	12.55 -0.47 3.45	19.28 -0.47 -0.72	19.84 -0.39 -1.32	22.77 -0.46 -1.39	27.89 -0.55 -1.55	27.00 -0.56 -1.52	31.12 -0.56 -1.66	31.56 -0.46 -1.67	28.96 -0.41 -1.46	25.28 -0.17 0.00
ALCOA_RYNLDS___DRP 24188	19.93 -0.43 0.00	19.95 -0.39 0.00	19.32 -0.18 0.00	20.29 -0.12 0.00	19.10 -0.10 0.00	20.07 -0.25 0.00	21.19 -0.32 0.00	18.54 -0.38 0.00	18.58 -0.49 0.00	17.49 -0.52 0.00	18.52 -0.49 0.00	18.17 -0.53 0.00	15.96 -0.42 0.00	13.63 -0.47 1.06	12.55 -0.47 3.45	19.28 -0.47 -0.72	19.84 -0.39 -1.32	22.77 -0.46 -1.39	27.89 -0.55 -1.55	27.00 -0.56 -1.52	31.12 -0.56 -1.66	31.56 -0.46 -1.67	28.96 -0.41 -1.46	25.28 -0.17 0.00
ALCOA___DSASP 323711	19.93 -0.43 0.00	19.95 -0.39 0.00	19.32 -0.18 0.00	20.29 -0.12 0.00	19.10 -0.10 0.00	20.07 -0.25 0.00	21.19 -0.32 0.00	18.54 -0.37 0.00	18.58 -0.49 0.00	17.49 -0.52 0.00	18.52 -0.49 0.00	18.17 -0.53 0.00	15.96 -0.42 0.00	13.62 -0.48 1.06	12.55 -0.47 3.45	19.28 -0.47 -0.72	19.83 -0.40 -1.32	22.77 -0.46 -1.39	27.88 -0.55 -1.55	27.00 -0.56 -1.52	31.12 -0.56 -1.66	31.56 -0.46 -1.67	28.96 -0.41 -1.46	25.28 -0.17 0.00
ALLEGHENY___COGEN 23514	21.67 1.31 0.00	21.51 1.17 0.00	20.51 1.02 0.00	21.34 0.93 0.00	20.02 0.81 0.00	21.11 0.79 0.00	22.28 0.77 0.00	19.06 0.14 0.00	18.92 -0.15 0.00	18.68 -0.17 -0.84	18.66 -0.35 0.00	19.18 -0.23 -0.70	16.73 -0.23 -0.57	15.34 -0.22 -0.40	16.09 -0.37 0.00	37.80 -0.33 -19.11	20.42 0.10 -1.40	22.15 0.30 0.00	27.31 0.42 0.00	26.35 0.31 0.00	30.68 0.66 0.00	31.61 1.26 0.00	29.18 1.28 0.00	26.50 1.05 0.00
ALTAMONT_115KV_TB 2 55880	21.00 0.63 0.00	20.96 0.62 0.00	19.99 0.50 0.00	20.88 0.47 0.00	19.67 0.46 0.00	20.89 0.58 0.00	22.22 0.71 0.00	19.66 0.74 0.00	19.89 0.83 0.00	18.84 0.82 0.00	19.87 0.86 0.00	19.63 0.92 0.00	17.18 0.79 0.00	15.95 0.79 -0.01	17.29 0.81 0.00	20.04 0.88 -0.13	19.75 0.81 -0.04	22.78 0.91 -0.03	28.06 1.14 -0.03	27.22 1.15 -0.03	31.35 1.29 -0.03	31.59 1.22 -0.03	28.96 1.03 -0.03	26.23 0.78 0.00
ALTONA_WT_PWR 323606	19.97 -0.39 0.00	19.61 -0.73 0.00	18.71 -0.79 0.00	19.96 -0.45 0.00	18.76 -0.44 0.00	20.15 -0.17 0.00	21.42 -0.09 0.00	18.71 -0.21 0.00	18.76 -0.30 0.00	17.65 -0.36 0.00	18.43 -0.57 0.00	17.98 -0.73 0.00	15.63 -0.75 0.00	-1.29 -1.11 15.35	-21.08 -1.13 36.41	-21.31 -1.24 39.10	-21.51 -1.16 39.26	-21.16 -1.42 41.58	-21.10 -1.72 46.26	-21.09 -1.65 45.48	-21.19 -1.82 49.40	-21.10 -1.71 49.74	-17.39 -1.64 43.66	25.04 -0.42 0.00
AMERICAN_REF_FUEL 24010	20.27 -0.09 0.00	20.11 -0.23 0.00	19.25 -0.25 0.00	20.05 -0.36 0.00	18.97 -0.24 0.00	19.93 -0.39 0.00	20.93 -0.58 0.00	18.22 -0.70 0.00	18.37 -0.69 0.00	17.03 -0.78 0.20	18.27 -0.73 0.00	17.87 -0.66 0.17	15.68 -0.57 0.14	14.57 -0.49 0.09	15.74 -0.73 0.00	13.77 -0.71 4.55	17.72 -0.86 0.33	20.74 -1.11 0.00	25.59 -1.30 0.00	24.68 -1.36 0.00	28.42 -1.61 0.00	28.66 -1.69 0.00	26.45 -1.46 0.00	24.24 -1.21 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.81 1.45 0.00	21.51 1.17 0.00	20.60 1.11 0.00	21.30 0.89 0.00	20.38 1.17 0.00	21.44 1.12 0.00	22.48 0.97 0.00	19.57 0.65 0.00	19.61 0.55 0.00	18.34 0.51 0.18	19.58 0.57 0.00	19.22 0.67 0.15	16.62 0.36 0.12	15.31 0.24 0.09	16.56 0.10 0.00	15.08 0.17 4.12	19.11 0.50 0.30	22.57 0.73 0.00	27.97 1.08 0.00	27.13 1.09 0.00	31.20 1.17 0.00	31.45 1.10 0.00	28.85 0.94 0.00	26.39 0.94 0.00
ARTHUR_KILL_GT_1 23520	21.92 1.56 0.00	21.87 1.52 0.00	20.82 1.32 0.00	21.61 1.20 0.00	20.40 1.19 0.00	21.71 1.40 0.00	23.16 1.65 0.00	20.55 1.64 0.00	20.83 1.76 0.00	19.89 1.88 0.00	21.00 2.00 0.00	20.79 2.09 0.00	18.20 1.81 0.00	16.93 1.77 0.00	18.36 1.90 0.00	21.10 2.07 0.00	20.81 1.90 0.00	23.98 2.14 0.00	29.28 2.39 0.00	28.41 2.37 0.00	32.54 2.51 0.00	33.13 2.79 0.00	30.50 2.59 0.00	27.67 2.21 0.00
ARTHUR_KILL_2 23512	21.86 1.50 0.00	21.82 1.48 0.00	20.77 1.28 0.00	21.56 1.15 0.00	20.35 1.14 0.00	21.66 1.34 0.00	23.10 1.59 0.00	20.50 1.58 0.00	20.78 1.71 0.00	19.85 1.84 0.00	20.96 1.96 0.00	20.75 2.04 0.00	18.16 1.77 0.00	16.90 1.74 0.00	18.32 1.85 0.00	21.06 2.03 0.00	20.76 1.85 0.00	23.93 2.08 0.00	29.21 2.32 0.00	28.34 2.30 0.00	32.45 2.42 0.00	33.05 2.71 0.00	30.42 2.52 0.00	27.61 2.15 0.00
ARTHUR_KILL_3 23513	21.93 1.57 0.00	21.77 1.43 0.00	20.72 1.23 0.00	21.51 1.10 0.00	20.30 1.10 0.00	21.61 1.29 0.00	23.04 1.53 0.00	20.47 1.55 0.00	20.75 1.69 0.00	19.83 1.83 0.00	20.97 1.96 0.00	20.77 2.07 0.00	18.17 1.78 0.00	16.91 1.75 0.00	18.33 1.87 0.00	21.08 2.05 0.00	20.74 1.83 0.00	23.89 2.05 0.00	29.22 2.34 0.00	28.36 2.33 0.00	32.58 2.56 0.00	32.95 2.60 0.00	30.21 2.30 0.00	27.39 1.93 0.00
ARTHUR_KILL_COGEN 323718	21.92 1.56 0.00	21.87 1.52 0.00	20.82 1.32 0.00	21.61 1.20 0.00	20.40 1.19 0.00	21.71 1.40 0.00	23.16 1.65 0.00	20.55 1.64 0.00	20.83 1.76 0.00	19.89 1.88 0.00	21.00 2.00 0.00	20.79 2.09 0.00	18.20 1.81 0.00	16.93 1.77 0.00	18.36 1.90 0.00	21.10 2.07 0.00	20.81 1.90 0.00	23.98 2.14 0.00	29.28 2.39 0.00	28.41 2.37 0.00	32.54 2.51 0.00	33.13 2.79 0.00	30.50 2.59 0.00	27.67 2.21 0.00
ASHOKAN____ 23654	21.25 0.89 0.00	21.21 0.86 0.00	20.19 0.70 0.00	21.06 0.64 0.00	19.84 0.62 0.00	21.13 0.81 0.00	22.53 1.02 0.00	20.00 1.09 0.00	20.29 1.23 0.00	19.17 1.16 0.00	20.20 1.19 0.00	19.95 1.24 0.00	17.46 1.08 0.00	16.19 1.03 0.00	17.56 1.09 0.00	20.21 1.18 0.00	20.08 1.17 0.00	23.22 1.37 0.00	28.65 1.77 0.00	27.82 1.78 0.00	31.99 1.96 0.00	32.13 1.78 0.00	29.88 1.98 0.00	27.12 1.67 0.00



ASTORIA_EAST_ENERGY_CC1 323581	22.02 1.66 0.00	21.83 1.49 0.00	20.77 1.27 0.00	21.54 1.13 0.00	20.34 1.13 0.00	21.65 1.33 0.00	23.09 1.58 0.00	20.50 1.58 0.00	20.79 1.73 0.00	19.89 1.88 0.00	21.04 2.03 0.00	20.83 2.13 0.00	18.20 1.81 0.00	16.94 1.78 0.00	18.37 1.91 0.00	21.13 2.10 0.00	20.81 1.90 0.00	23.98 2.14 0.00	29.33 2.44 0.00	28.45 2.42 0.00	32.69 2.66 0.00	33.05 2.70 0.00	30.30 2.39 0.00	27.43 1.98 0.00
ASTORIA_EAST_ENERGY_CC2 323582	22.02 1.66 0.00	21.83 1.49 0.00	20.77 1.27 0.00	21.54 1.13 0.00	20.34 1.13 0.00	21.65 1.33 0.00	23.09 1.58 0.00	20.50 1.58 0.00	20.79 1.73 0.00	19.89 1.88 0.00	21.04 2.03 0.00	20.83 2.13 0.00	18.20 1.81 0.00	16.94 1.78 0.00	18.37 1.91 0.00	21.13 2.10 0.00	20.81 1.90 0.00	23.98 2.14 0.00	29.33 2.44 0.00	28.45 2.42 0.00	32.69 2.66 0.00	33.05 2.70 0.00	30.30 2.39 0.00	27.43 1.98 0.00
ASTORIA_GT2_1 24094	22.03 1.67 0.00	21.84 1.50 0.00	20.77 1.27 0.00	21.55 1.14 0.00	20.35 1.14 0.00	21.65 1.34 0.00	23.10 1.59 0.00	20.51 1.59 0.00	20.80 1.74 0.00	19.90 1.89 0.00	21.05 2.04 0.00	20.84 2.14 0.00	18.21 1.83 0.00	16.94 1.78 0.00	18.38 1.92 0.00	21.15 2.12 0.00	20.82 1.91 0.00	23.99 2.15 0.00	29.34 2.46 0.00	28.47 2.43 0.00	32.70 2.68 0.00	33.06 2.71 0.00	30.32 2.41 0.00	27.44 1.99 0.00
ASTORIA_GT2_2 24095	22.03 1.67 0.00	21.84 1.50 0.00	20.77 1.27 0.00	21.55 1.14 0.00	20.35 1.14 0.00	21.65 1.34 0.00	23.10 1.59 0.00	20.51 1.59 0.00	20.80 1.74 0.00	19.90 1.89 0.00	21.05 2.04 0.00	20.84 2.14 0.00	18.21 1.83 0.00	16.94 1.78 0.00	18.38 1.92 0.00	21.15 2.12 0.00	20.82 1.91 0.00	23.99 2.15 0.00	29.34 2.46 0.00	28.47 2.43 0.00	32.70 2.68 0.00	33.06 2.71 0.00	30.32 2.41 0.00	27.44 1.99 0.00
ASTORIA_GT2_3 24096	22.03 1.67 0.00	21.84 1.50 0.00	20.77 1.27 0.00	21.55 1.14 0.00	20.35 1.14 0.00	21.65 1.34 0.00	23.10 1.59 0.00	20.51 1.59 0.00	20.80 1.74 0.00	19.90 1.89 0.00	21.05 2.04 0.00	20.84 2.14 0.00	18.21 1.83 0.00	16.94 1.78 0.00	18.38 1.92 0.00	21.15 2.12 0.00	20.82 1.91 0.00	23.99 2.15 0.00	29.34 2.46 0.00	28.47 2.43 0.00	32.70 2.68 0.00	33.06 2.71 0.00	30.32 2.41 0.00	27.44 1.99 0.00
ASTORIA_GT2_4 24097	22.03 1.67 0.00	21.84 1.50 0.00	20.77 1.27 0.00	21.55 1.14 0.00	20.35 1.14 0.00	21.65 1.34 0.00	23.10 1.59 0.00	20.51 1.59 0.00	20.80 1.74 0.00	19.90 1.89 0.00	21.05 2.04 0.00	20.84 2.14 0.00	18.21 1.83 0.00	16.94 1.78 0.00	18.38 1.92 0.00	21.15 2.12 0.00	20.82 1.91 0.00	23.99 2.15 0.00	29.34 2.46 0.00	28.47 2.43 0.00	32.70 2.68 0.00	33.06 2.71 0.00	30.32 2.41 0.00	27.44 1.99 0.00
ASTORIA_GT3_1 24098	22.03 1.67 0.00	21.84 1.50 0.00	20.77 1.27 0.00	21.55 1.14 0.00	20.35 1.14 0.00	21.65 1.34 0.00	23.10 1.59 0.00	20.51 1.59 0.00	20.80 1.74 0.00	19.90 1.89 0.00	21.05 2.04 0.00	20.84 2.14 0.00	18.21 1.83 0.00	16.94 1.78 0.00	18.38 1.92 0.00	21.15 2.12 0.00	20.82 1.91 0.00	23.99 2.15 0.00	29.34 2.46 0.00	28.47 2.43 0.00	32.70 2.68 0.00	33.06 2.71 0.00	30.32 2.41 0.00	27.44 1.99 0.00
ASTORIA_GT3_2 24099	22.03 1.67 0.00	21.84 1.50 0.00	20.77 1.27 0.00	21.55 1.14 0.00	20.35 1.14 0.00	21.65 1.34 0.00	23.10 1.59 0.00	20.51 1.59 0.00	20.80 1.74 0.00	19.90 1.89 0.00	21.05 2.04 0.00	20.84 2.14 0.00	18.21 1.83 0.00	16.94 1.78 0.00	18.38 1.92 0.00	21.15 2.12 0.00	20.82 1.91 0.00	23.99 2.15 0.00	29.34 2.46 0.00	28.47 2.43 0.00	32.70 2.68 0.00	33.06 2.71 0.00	30.32 2.41 0.00	27.44 1.99 0.00
ASTORIA_GT3_3 24100	22.03 1.67 0.00	21.84 1.50 0.00	20.77 1.27 0.00	21.55 1.14 0.00	20.35 1.14 0.00	21.65 1.34 0.00	23.10 1.59 0.00	20.51 1.59 0.00	20.80 1.74 0.00	19.90 1.89 0.00	21.05 2.04 0.00	20.84 2.14 0.00	18.21 1.83 0.00	16.94 1.78 0.00	18.38 1.92 0.00	21.15 2.12 0.00	20.82 1.91 0.00	23.99 2.15 0.00	29.34 2.46 0.00	28.47 2.43 0.00	32.70 2.68 0.00	33.06 2.71 0.00	30.32 2.41 0.00	27.44 1.99 0.00
ASTORIA_GT3_4 24101	22.03 1.67 0.00	21.84 1.50 0.00	20.77 1.27 0.00	21.55 1.14 0.00	20.35 1.14 0.00	21.65 1.34 0.00	23.10 1.59 0.00	20.51 1.59 0.00	20.80 1.74 0.00	19.90 1.89 0.00	21.05 2.04 0.00	20.84 2.14 0.00	18.21 1.83 0.00	16.94 1.78 0.00	18.38 1.92 0.00	21.15 2.12 0.00	20.82 1.91 0.00	23.99 2.15 0.00	29.34 2.46 0.00	28.47 2.43 0.00	32.70 2.68 0.00	33.06 2.71 0.00	30.32 2.41 0.00	27.44 1.99 0.00
ASTORIA_GT4_1 24102	22.03 1.67 0.00	21.84 1.50 0.00	20.77 1.27 0.00	21.55 1.14 0.00	20.35 1.14 0.00	21.65 1.34 0.00	23.10 1.59 0.00	20.51 1.59 0.00	20.80 1.74 0.00	19.90 1.89 0.00	21.05 2.04 0.00	20.84 2.14 0.00	18.21 1.83 0.00	16.94 1.78 0.00	18.38 1.92 0.00	21.15 2.12 0.00	20.82 1.91 0.00	23.99 2.15 0.00	29.34 2.46 0.00	28.47 2.43 0.00	32.70 2.68 0.00	33.06 2.71 0.00	30.32 2.41 0.00	27.44 1.99 0.00
ASTORIA_GT4_2 24103	22.03 1.67 0.00	21.84 1.50 0.00	20.77 1.27 0.00	21.55 1.14 0.00	20.35 1.14 0.00	21.65 1.34 0.00	23.10 1.59 0.00	20.51 1.59 0.00	20.80 1.74 0.00	19.90 1.89 0.00	21.05 2.04 0.00	20.84 2.14 0.00	18.21 1.83 0.00	16.94 1.78 0.00	18.38 1.92 0.00	21.15 2.12 0.00	20.82 1.91 0.00	23.99 2.15 0.00	29.34 2.46 0.00	28.47 2.43 0.00	32.70 2.68 0.00	33.06 2.71 0.00	30.32 2.41 0.00	27.44 1.99 0.00
ASTORIA_GT4_3 24104	22.03 1.67 0.00	21.84 1.50 0.00	20.77 1.27 0.00	21.55 1.14 0.00	20.35 1.14 0.00	21.65 1.34 0.00	23.10 1.59 0.00	20.51 1.59 0.00	20.80 1.74 0.00	19.90 1.89 0.00	21.05 2.04 0.00	20.84 2.14 0.00	18.21 1.83 0.00	16.94 1.78 0.00	18.38 1.92 0.00	21.15 2.12 0.00	20.82 1.91 0.00	23.99 2.15 0.00	29.34 2.46 0.00	28.47 2.43 0.00	32.70 2.68 0.00	33.06 2.71 0.00	30.32 2.41 0.00	27.44 1.99 0.00
ASTORIA_GT4_4 24105	22.03 1.67 0.00	21.84 1.50 0.00	20.77 1.27 0.00	21.55 1.14 0.00	20.35 1.14 0.00	21.65 1.34 0.00	23.10 1.59 0.00	20.51 1.59 0.00	20.80 1.74 0.00	19.90 1.89 0.00	21.05 2.04 0.00	20.84 2.14 0.00	18.21 1.83 0.00	16.94 1.78 0.00	18.38 1.92 0.00	21.15 2.12 0.00	20.82 1.91 0.00	23.99 2.15 0.00	29.34 2.46 0.00	28.47 2.43 0.00	32.70 2.68 0.00	33.06 2.71 0.00	30.32 2.41 0.00	27.44 1.99 0.00
ASTORIA_GT_1 23523	22.06 1.70 0.00	21.88 1.53 0.00	20.80 1.31 0.00	21.58 1.17 0.00	20.38 1.17 0.00	21.69 1.37 0.00	23.13 1.62 0.00	20.54 1.62 0.00	20.84 1.77 0.00	19.93 1.92 0.00	21.08 2.08 0.00	20.88 2.18 0.00	18.25 1.86 0.00	16.97 1.81 0.00	18.41 1.94 0.00	21.18 2.15 0.00	20.86 1.95 0.00	24.03 2.19 0.00	29.40 2.51 0.00	28.51 2.48 0.00	32.76 2.73 0.00	33.11 2.76 0.00	30.35 2.45 0.00	27.49 2.03 0.00



ASTORIA_GT_10 24110	22.04 1.68 0.00	21.89 1.54 0.00	20.83 1.33 0.00	21.62 1.21 0.00	20.42 1.21 0.00	21.73 1.41 0.00	23.18 1.67 0.00	20.58 1.66 0.00	20.87 1.81 0.00	19.96 1.95 0.00	21.10 2.10 0.00	20.90 2.20 0.00	18.28 1.90 0.00	17.01 1.85 0.00	18.44 1.98 0.00	21.20 2.17 0.00	20.87 1.96 0.00	24.03 2.19 0.00	29.37 2.49 0.00	28.51 2.48 0.00	32.75 2.72 0.00	33.14 2.79 0.00	30.39 2.48 0.00	27.53 2.08 0.00
ASTORIA_GT_11 24225	22.04 1.68 0.00	21.89 1.54 0.00	20.83 1.33 0.00	21.62 1.21 0.00	20.42 1.21 0.00	21.73 1.41 0.00	23.18 1.67 0.00	20.58 1.66 0.00	20.87 1.81 0.00	19.96 1.95 0.00	21.10 2.10 0.00	20.90 2.20 0.00	18.28 1.90 0.00	17.01 1.85 0.00	18.44 1.98 0.00	21.20 2.17 0.00	20.87 1.96 0.00	24.03 2.19 0.00	29.37 2.49 0.00	28.51 2.48 0.00	32.75 2.72 0.00	33.14 2.79 0.00	30.39 2.48 0.00	27.53 2.08 0.00
ASTORIA_GT_12 24226	22.04 1.68 0.00	21.89 1.54 0.00	20.83 1.33 0.00	21.62 1.21 0.00	20.42 1.21 0.00	21.73 1.41 0.00	23.18 1.67 0.00	20.58 1.66 0.00	20.87 1.81 0.00	19.96 1.95 0.00	21.10 2.10 0.00	20.90 2.20 0.00	18.28 1.90 0.00	17.01 1.85 0.00	18.44 1.98 0.00	21.20 2.17 0.00	20.87 1.96 0.00	24.03 2.19 0.00	29.37 2.49 0.00	28.51 2.48 0.00	32.75 2.72 0.00	33.14 2.79 0.00	30.39 2.48 0.00	27.53 2.08 0.00
ASTORIA_GT_13 24227	22.04 1.68 0.00	21.89 1.54 0.00	20.83 1.33 0.00	21.62 1.21 0.00	20.42 1.21 0.00	21.73 1.41 0.00	23.18 1.67 0.00	20.58 1.66 0.00	20.87 1.81 0.00	19.96 1.95 0.00	21.10 2.10 0.00	20.90 2.20 0.00	18.28 1.90 0.00	17.01 1.85 0.00	18.44 1.98 0.00	21.20 2.17 0.00	20.87 1.96 0.00	24.03 2.19 0.00	29.37 2.49 0.00	28.51 2.48 0.00	32.75 2.72 0.00	33.14 2.79 0.00	30.39 2.48 0.00	27.53 2.08 0.00
ASTORIA_GT_5 24106	22.06 1.70 0.00	21.88 1.53 0.00	20.80 1.31 0.00	21.58 1.17 0.00	20.38 1.17 0.00	21.69 1.37 0.00	23.13 1.62 0.00	20.54 1.62 0.00	20.84 1.77 0.00	19.93 1.92 0.00	21.08 2.08 0.00	20.88 2.18 0.00	18.25 1.86 0.00	16.97 1.81 0.00	18.41 1.94 0.00	21.18 2.15 0.00	20.86 1.95 0.00	24.03 2.19 0.00	29.40 2.51 0.00	28.51 2.48 0.00	32.76 2.73 0.00	33.11 2.76 0.00	30.35 2.45 0.00	27.49 2.03 0.00
ASTORIA_GT_7 24107	22.06 1.70 0.00	21.88 1.53 0.00	20.80 1.31 0.00	21.58 1.17 0.00	20.38 1.17 0.00	21.69 1.37 0.00	23.13 1.62 0.00	20.54 1.62 0.00	20.84 1.77 0.00	19.93 1.92 0.00	21.08 2.08 0.00	20.88 2.18 0.00	18.25 1.86 0.00	16.97 1.81 0.00	18.41 1.94 0.00	21.18 2.15 0.00	20.86 1.95 0.00	24.03 2.19 0.00	29.40 2.51 0.00	28.51 2.48 0.00	32.76 2.73 0.00	33.11 2.76 0.00	30.35 2.45 0.00	27.49 2.03 0.00
ASTORIA_GT_8 24108	22.06 1.70 0.00	21.88 1.53 0.00	20.80 1.31 0.00	21.58 1.17 0.00	20.38 1.17 0.00	21.69 1.37 0.00	23.13 1.62 0.00	20.54 1.62 0.00	20.84 1.77 0.00	19.93 1.92 0.00	21.08 2.08 0.00	20.88 2.18 0.00	18.25 1.86 0.00	16.97 1.81 0.00	18.41 1.94 0.00	21.18 2.15 0.00	20.86 1.95 0.00	24.03 2.19 0.00	29.40 2.51 0.00	28.51 2.48 0.00	32.76 2.73 0.00	33.11 2.76 0.00	30.35 2.45 0.00	27.49 2.03 0.00
ASTORIA___2 24149	22.03 1.67 0.00	21.84 1.50 0.00	20.77 1.27 0.00	21.55 1.14 0.00	20.35 1.14 0.00	21.65 1.34 0.00	23.10 1.59 0.00	20.51 1.59 0.00	20.80 1.74 0.00	19.90 1.89 0.00	21.05 2.04 0.00	20.84 2.14 0.00	18.21 1.83 0.00	16.94 1.78 0.00	18.38 1.92 0.00	21.15 2.12 0.00	20.82 1.91 0.00	23.99 2.15 0.00	29.34 2.46 0.00	28.47 2.43 0.00	32.70 2.68 0.00	33.06 2.71 0.00	30.32 2.41 0.00	27.44 1.99 0.00
ASTORIA___3 23516	22.04 1.68 0.00	21.89 1.54 0.00	20.83 1.33 0.00	21.62 1.21 0.00	20.42 1.21 0.00	21.73 1.41 0.00	23.18 1.67 0.00	20.58 1.66 0.00	20.87 1.81 0.00	19.96 1.95 0.00	21.10 2.10 0.00	20.90 2.20 0.00	18.28 1.90 0.00	17.01 1.85 0.00	18.44 1.98 0.00	21.20 2.17 0.00	20.87 1.96 0.00	24.03 2.19 0.00	29.37 2.49 0.00	28.51 2.48 0.00	32.75 2.72 0.00	33.14 2.79 0.00	30.39 2.48 0.00	27.53 2.08 0.00
ASTORIA___4 23517	22.04 1.68 0.00	21.89 1.55 0.00	20.82 1.33 0.00	21.63 1.21 0.00	20.42 1.21 0.00	21.73 1.41 0.00	23.19 1.67 0.00	20.58 1.66 0.00	20.87 1.81 0.00	19.96 1.95 -0.01	21.10 2.09 0.00	20.91 2.20 0.00	18.29 1.90 0.00	17.02 1.85 -0.01	18.45 1.98 -0.01	21.38 2.18 -0.17	20.92 1.97 -0.04	24.07 2.19 -0.03	29.41 2.49 -0.04	28.54 2.46 -0.04	32.78 2.72 -0.04	33.18 2.79 -0.04	30.42 2.48 -0.04	27.53 2.07 0.00
ASTORIA___5 23518	22.04 1.68 0.00	21.89 1.54 0.00	20.83 1.33 0.00	21.62 1.21 0.00	20.42 1.21 0.00	21.73 1.41 0.00	23.18 1.67 0.00	20.58 1.66 0.00	20.87 1.81 0.00	19.96 1.95 0.00	21.10 2.10 0.00	20.90 2.20 0.00	18.28 1.90 0.00	17.01 1.85 0.00	18.44 1.98 0.00	21.20 2.17 0.00	20.87 1.96 0.00	24.03 2.19 0.00	29.37 2.49 0.00	28.51 2.48 0.00	32.75 2.72 0.00	33.14 2.79 0.00	30.39 2.48 0.00	27.53 2.08 0.00
AST_ENERGY_2_CC3 323677	21.97 1.61 0.00	21.81 1.47 0.00	20.76 1.26 0.00	21.55 1.14 0.00	20.34 1.14 0.00	21.66 1.34 0.00	23.10 1.59 0.00	20.51 1.60 0.00	20.80 1.74 0.00	19.88 1.87 0.00	21.02 2.01 0.00	20.82 2.12 0.00	18.22 1.83 0.00	16.96 1.80 0.00	18.39 1.93 0.00	21.14 2.11 0.00	20.80 1.89 0.00	23.94 2.10 0.00	29.28 2.39 0.00	28.42 2.38 0.00	32.64 2.62 0.00	33.03 2.68 0.00	30.28 2.38 0.00	27.43 1.98 0.00
AST_ENERGY_2_CC4 323678	21.97 1.61 0.00	21.81 1.47 0.00	20.76 1.26 0.00	21.55 1.14 0.00	20.34 1.14 0.00	21.66 1.34 0.00	23.10 1.59 0.00	20.51 1.60 0.00	20.80 1.74 0.00	19.88 1.87 0.00	21.02 2.01 0.00	20.82 2.12 0.00	18.22 1.83 0.00	16.96 1.80 0.00	18.39 1.93 0.00	21.14 2.11 0.00	20.80 1.89 0.00	23.94 2.10 0.00	29.28 2.39 0.00	28.42 2.38 0.00	32.64 2.62 0.00	33.03 2.68 0.00	30.28 2.38 0.00	27.43 1.98 0.00
ATHENS_STG_1 23668	21.24 0.88 0.00	21.19 0.85 0.00	20.18 0.69 0.00	21.08 0.67 0.00	19.84 0.63 0.00	21.08 0.77 0.00	22.43 0.92 0.00	19.85 0.93 0.00	20.09 1.03 0.00	19.07 1.06 0.00	20.15 1.14 0.00	19.91 1.20 0.00	17.41 1.02 0.00	16.17 1.01 0.00	17.53 1.07 0.00	20.20 1.17 0.00	19.97 1.06 0.00	23.02 1.18 0.00	28.31 1.43 0.00	27.47 1.43 0.00	31.63 1.60 0.00	31.91 1.56 0.00	29.26 1.35 0.00	26.52 1.06 0.00
ATHENS_STG_2 23670	21.24 0.88 0.00	21.19 0.85 0.00	20.18 0.69 0.00	21.08 0.67 0.00	19.84 0.63 0.00	21.08 0.77 0.00	22.43 0.92 0.00	19.85 0.93 0.00	20.09 1.03 0.00	19.07 1.06 0.00	20.15 1.14 0.00	19.91 1.20 0.00	17.41 1.02 0.00	16.17 1.01 0.00	17.53 1.07 0.00	20.20 1.17 0.00	19.97 1.06 0.00	23.02 1.18 0.00	28.31 1.43 0.00	27.47 1.43 0.00	31.63 1.60 0.00	31.91 1.56 0.00	29.26 1.35 0.00	26.52 1.06 0.00



ATHENS_STG_3 23677	21.24 0.88 0.00	21.19 0.85 0.00	20.18 0.69 0.00	21.08 0.67 0.00	19.84 0.63 0.00	21.08 0.77 0.00	22.43 0.92 0.00	19.85 0.93 0.00	20.09 1.03 0.00	19.07 1.06 0.00	20.15 1.14 0.00	19.91 1.20 0.00	17.41 1.02 0.00	16.17 1.01 0.00	17.53 1.07 0.00	20.20 1.17 0.00	19.97 1.06 0.00	23.02 1.18 0.00	28.31 1.43 0.00	27.47 1.43 0.00	31.63 1.60 0.00	31.91 1.56 0.00	29.26 1.35 0.00	26.52 1.06 0.00
AUBURN___LFGE 323710	21.02 0.66 0.00	20.96 0.62 0.00	19.95 0.46 0.00	20.90 0.49 0.00	19.69 0.48 0.00	20.70 0.38 0.00	21.97 0.46 0.00	19.30 0.38 0.00	19.51 0.44 0.00	18.46 0.42 -0.03	19.41 0.40 0.00	19.21 0.48 -0.03	16.79 0.38 -0.02	15.53 0.38 0.00	16.76 0.39 0.09	20.34 0.45 -0.85	19.66 0.55 -0.20	22.62 0.62 -0.15	27.85 0.79 -0.17	26.93 0.72 -0.17	31.06 0.85 -0.19	31.41 0.87 -0.19	28.86 0.79 -0.16	26.02 0.57 0.00
BABYLON_RES_REC 323704	22.04 1.68 0.00	21.75 1.40 0.00	20.64 1.14 0.00	21.58 1.17 0.00	20.37 1.16 0.00	21.80 1.48 0.00	23.58 2.07 0.00	20.70 1.78 0.00	20.95 1.89 0.00	20.03 2.02 0.00	21.22 2.21 0.00	21.03 2.33 0.00	18.34 1.95 0.00	16.97 1.81 0.00	18.45 1.99 0.00	21.19 2.16 0.00	20.80 1.89 0.00	24.05 2.21 0.00	29.66 2.78 0.00	28.77 2.73 0.00	33.12 3.09 0.00	33.55 3.20 0.00	30.60 2.69 0.00	27.58 2.12 0.00
BABYLON__69_KV_BK2 356345	22.19 1.82 0.00	21.87 1.53 0.00	20.75 1.26 0.00	21.72 1.31 0.00	20.49 1.28 0.00	21.95 1.63 0.00	23.75 2.24 0.00	20.85 1.93 0.00	21.10 2.04 0.00	20.16 2.14 -0.01	21.33 2.32 0.00	21.15 2.44 0.00	18.45 2.06 0.00	17.06 1.89 -0.01	18.57 2.10 -0.01	21.49 2.29 -0.17	20.97 2.02 -0.04	24.24 2.37 -0.03	29.86 2.93 -0.04	28.99 2.91 -0.04	33.38 3.31 -0.04	33.85 3.46 -0.04	30.86 2.92 -0.04	27.77 2.32 0.00
BARON_WINDS___WT_PWR 323822	21.20 0.84 0.00	21.11 0.77 0.00	20.10 0.60 0.00	20.94 0.53 0.00	19.46 0.25 0.00	20.58 0.27 0.00	21.90 0.40 0.00	19.03 0.11 0.00	19.04 -0.03 0.00	16.53 -0.09 1.39	18.88 -0.13 0.00	17.40 -0.13 1.18	15.24 -0.19 0.96	14.42 -0.07 0.67	16.32 -0.14 0.00	-13.02 -0.11 31.94	16.63 0.06 2.34	22.17 0.32 0.00	27.30 0.41 0.00	26.45 0.42 0.00	30.57 0.55 0.00	30.91 0.56 0.00	28.51 0.60 0.00	26.01 0.55 0.00
BARRETT_IC_1 23704	21.94 1.58 0.00	21.67 1.33 0.00	20.57 1.08 0.00	21.49 1.08 0.00	20.27 1.07 0.00	21.68 1.36 0.00	23.40 1.89 0.00	20.52 1.60 0.00	20.78 1.72 0.00	19.86 1.85 0.00	21.11 2.10 0.00	20.93 2.22 0.00	18.22 1.83 0.00	16.89 1.73 0.00	18.35 1.89 0.00	21.04 2.01 0.00	20.62 1.71 0.00	23.83 1.99 0.00	29.35 2.47 0.00	28.45 2.42 0.00	32.75 2.72 0.00	33.12 2.78 0.00	30.24 2.34 0.00	27.41 1.96 0.00
BARRETT_IC_10 23701	21.94 1.58 0.00	21.67 1.33 0.00	20.57 1.08 0.00	21.49 1.08 0.00	20.27 1.07 0.00	21.68 1.36 0.00	23.40 1.89 0.00	20.52 1.60 0.00	20.78 1.72 0.00	19.86 1.85 0.00	21.11 2.10 0.00	20.93 2.22 0.00	18.22 1.83 0.00	16.89 1.73 0.00	18.35 1.89 0.00	21.04 2.01 0.00	20.62 1.71 0.00	23.83 1.99 0.00	29.35 2.47 0.00	28.45 2.42 0.00	32.75 2.72 0.00	33.12 2.78 0.00	30.24 2.34 0.00	27.41 1.96 0.00
BARRETT_IC_11 23702	21.94 1.58 0.00	21.67 1.33 0.00	20.57 1.08 0.00	21.49 1.08 0.00	20.27 1.07 0.00	21.68 1.36 0.00	23.40 1.89 0.00	20.52 1.60 0.00	20.78 1.72 0.00	19.86 1.85 0.00	21.11 2.10 0.00	20.93 2.22 0.00	18.22 1.83 0.00	16.89 1.73 0.00	18.35 1.89 0.00	21.04 2.01 0.00	20.62 1.71 0.00	23.83 1.99 0.00	29.35 2.47 0.00	28.45 2.42 0.00	32.75 2.72 0.00	33.12 2.78 0.00	30.24 2.34 0.00	27.41 1.96 0.00
BARRETT_IC_12 23703	21.94 1.58 0.00	21.67 1.33 0.00	20.57 1.08 0.00	21.49 1.08 0.00	20.27 1.07 0.00	21.68 1.36 0.00	23.40 1.89 0.00	20.52 1.60 0.00	20.78 1.72 0.00	19.86 1.85 0.00	21.11 2.10 0.00	20.93 2.22 0.00	18.22 1.83 0.00	16.89 1.73 0.00	18.35 1.89 0.00	21.04 2.01 0.00	20.62 1.71 0.00	23.83 1.99 0.00	29.35 2.47 0.00	28.45 2.42 0.00	32.75 2.72 0.00	33.12 2.78 0.00	30.24 2.34 0.00	27.41 1.96 0.00
BARRETT_IC_2 23705	21.94 1.58 0.00	21.67 1.33 0.00	20.57 1.08 0.00	21.49 1.08 0.00	20.27 1.07 0.00	21.68 1.36 0.00	23.40 1.89 0.00	20.52 1.60 0.00	20.78 1.72 0.00	19.86 1.85 0.00	21.11 2.10 0.00	20.93 2.22 0.00	18.22 1.83 0.00	16.89 1.73 0.00	18.35 1.89 0.00	21.04 2.01 0.00	20.62 1.71 0.00	23.83 1.99 0.00	29.35 2.47 0.00	28.45 2.42 0.00	32.75 2.72 0.00	33.12 2.78 0.00	30.24 2.34 0.00	27.41 1.96 0.00
BARRETT_IC_3 23706	21.94 1.58 0.00	21.67 1.33 0.00	20.57 1.08 0.00	21.49 1.08 0.00	20.27 1.07 0.00	21.68 1.36 0.00	23.40 1.89 0.00	20.52 1.60 0.00	20.78 1.72 0.00	19.86 1.85 0.00	21.11 2.10 0.00	20.93 2.22 0.00	18.22 1.83 0.00	16.89 1.73 0.00	18.35 1.89 0.00	21.04 2.01 0.00	20.62 1.71 0.00	23.83 1.99 0.00	29.35 2.47 0.00	28.45 2.42 0.00	32.75 2.72 0.00	33.12 2.78 0.00	30.24 2.34 0.00	27.41 1.96 0.00
BARRETT_IC_4 23707	21.94 1.58 0.00	21.67 1.33 0.00	20.57 1.08 0.00	21.49 1.08 0.00	20.27 1.07 0.00	21.68 1.36 0.00	23.40 1.89 0.00	20.52 1.60 0.00	20.78 1.72 0.00	19.86 1.85 0.00	21.11 2.10 0.00	20.93 2.22 0.00	18.22 1.83 0.00	16.89 1.73 0.00	18.35 1.89 0.00	21.04 2.01 0.00	20.62 1.71 0.00	23.83 1.99 0.00	29.35 2.47 0.00	28.45 2.42 0.00	32.75 2.72 0.00	33.12 2.78 0.00	30.24 2.34 0.00	27.41 1.96 0.00
BARRETT_IC_5 23708	21.94 1.58 0.00	21.67 1.33 0.00	20.57 1.08 0.00	21.49 1.08 0.00	20.27 1.07 0.00	21.68 1.36 0.00	23.40 1.89 0.00	20.52 1.60 0.00	20.78 1.72 0.00	19.86 1.85 0.00	21.11 2.10 0.00	20.93 2.22 0.00	18.22 1.83 0.00	16.89 1.73 0.00	18.35 1.89 0.00	21.04 2.01 0.00	20.62 1.71 0.00	23.83 1.99 0.00	29.35 2.47 0.00	28.45 2.42 0.00	32.75 2.72 0.00	33.12 2.78 0.00	30.24 2.34 0.00	27.41 1.96 0.00
BARRETT_IC_6 23709	21.94 1.58 0.00	21.67 1.33 0.00	20.57 1.08 0.00	21.49 1.08 0.00	20.27 1.07 0.00	21.68 1.36 0.00	23.40 1.89 0.00	20.52 1.60 0.00	20.78 1.72 0.00	19.86 1.85 0.00	21.11 2.10 0.00	20.93 2.22 0.00	18.22 1.83 0.00	16.89 1.73 0.00	18.35 1.89 0.00	21.04 2.01 0.00	20.62 1.71 0.00	23.83 1.99 0.00	29.35 2.47 0.00	28.45 2.42 0.00	32.75 2.72 0.00	33.12 2.78 0.00	30.24 2.34 0.00	27.41 1.96 0.00
BARRETT_IC_7 23710	21.94 1.58 0.00	21.67 1.33 0.00	20.57 1.08 0.00	21.49 1.08 0.00	20.27 1.07 0.00	21.68 1.36 0.00	23.40 1.89 0.00	20.52 1.60 0.00	20.78 1.72 0.00	19.86 1.85 0.00	21.11 2.10 0.00	20.93 2.22 0.00	18.22 1.83 0.00	16.89 1.73 0.00	18.35 1.89 0.00	21.04 2.01 0.00	20.62 1.71 0.00	23.83 1.99 0.00	29.35 2.47 0.00	28.45 2.42 0.00	32.75 2.72 0.00	33.12 2.78 0.00	30.24 2.34 0.00	27.41 1.96 0.00



BARRETT_IC_8 23711	21.94 1.58 0.00	21.67 1.33 0.00	20.57 1.08 0.00	21.49 1.08 0.00	20.27 1.07 0.00	21.68 1.36 0.00	23.40 1.89 0.00	20.52 1.60 0.00	20.78 1.72 0.00	19.86 1.85 0.00	21.11 2.10 0.00	20.93 2.22 0.00	18.22 1.83 0.00	16.89 1.73 0.00	18.35 1.89 0.00	21.04 2.01 0.00	20.62 1.71 0.00	23.83 1.99 0.00	29.35 2.47 0.00	28.45 2.42 0.00	32.75 2.72 0.00	33.12 2.78 0.00	30.24 2.34 0.00	27.41 1.96 0.00
BARRETT_IC_9 23700	21.94 1.58 0.00	21.67 1.33 0.00	20.57 1.08 0.00	21.49 1.08 0.00	20.27 1.07 0.00	21.68 1.36 0.00	23.40 1.89 0.00	20.52 1.60 0.00	20.78 1.72 0.00	19.86 1.85 0.00	21.11 2.10 0.00	20.93 2.22 0.00	18.22 1.83 0.00	16.89 1.73 0.00	18.35 1.89 0.00	21.04 2.01 0.00	20.62 1.71 0.00	23.83 1.99 0.00	29.35 2.47 0.00	28.45 2.42 0.00	32.75 2.72 0.00	33.12 2.78 0.00	30.24 2.34 0.00	27.41 1.96 0.00
BARRETT___1 23545	21.94 1.58 0.00	21.67 1.33 0.00	20.57 1.08 0.00	21.49 1.08 0.00	20.27 1.07 0.00	21.68 1.36 0.00	23.40 1.89 0.00	20.52 1.60 0.00	20.78 1.72 0.00	19.86 1.85 0.00	21.11 2.10 0.00	20.93 2.22 0.00	18.22 1.83 0.00	16.89 1.73 0.00	18.35 1.89 0.00	21.04 2.01 0.00	20.62 1.71 0.00	23.83 1.99 0.00	29.35 2.47 0.00	28.45 2.42 0.00	32.75 2.72 0.00	33.12 2.78 0.00	30.24 2.34 0.00	27.41 1.96 0.00
BARRETT___2 23546	21.94 1.58 0.00	21.67 1.33 0.00	20.57 1.08 0.00	21.49 1.08 0.00	20.27 1.07 0.00	21.68 1.36 0.00	23.40 1.89 0.00	20.52 1.60 0.00	20.78 1.72 0.00	19.86 1.85 0.00	21.11 2.10 0.00	20.93 2.22 0.00	18.22 1.83 0.00	16.89 1.73 0.00	18.35 1.89 0.00	21.04 2.01 0.00	20.62 1.71 0.00	23.83 1.99 0.00	29.35 2.47 0.00	28.45 2.42 0.00	32.75 2.72 0.00	33.12 2.78 0.00	30.24 2.34 0.00	27.41 1.96 0.00
BATAVIA___115KV_TB1 55881	21.24 0.88 0.00	21.07 0.73 0.00	20.15 0.65 0.00	21.00 0.59 0.00	19.85 0.64 0.00	20.91 0.59 0.00	22.03 0.52 0.00	19.25 0.34 0.00	19.43 0.36 0.00	18.09 0.19 0.11	19.24 0.24 0.00	18.90 0.30 0.10	16.59 0.28 0.08	15.33 0.24 0.07	16.44 0.05 0.07	16.55 0.15 2.63	19.02 0.19 0.09	22.18 0.22 -0.12	27.36 0.34 -0.13	26.44 0.27 -0.13	30.45 0.28 -0.14	30.67 0.18 -0.14	28.22 0.19 -0.12	25.69 0.23 0.00
BAYONEEC___CTG1 323682	21.99 1.63 0.00	21.83 1.49 0.00	20.78 1.28 0.00	21.58 1.17 0.00	20.37 1.16 0.00	21.68 1.36 0.00	23.12 1.61 0.00	20.54 1.62 0.00	20.82 1.75 0.00	19.90 1.89 0.00	21.04 2.04 0.00	20.84 2.14 0.00	18.23 1.84 0.00	16.97 1.81 0.00	18.39 1.94 0.00	21.16 2.13 0.00	20.82 1.91 0.00	23.98 2.14 0.00	29.31 2.43 0.00	28.46 2.42 0.00	32.68 2.65 0.00	33.06 2.71 0.00	30.32 2.42 0.00	27.47 2.01 0.00
BAYONEEC___CTG10 323750	21.99 1.63 0.00	21.83 1.49 0.00	20.78 1.28 0.00	21.58 1.17 0.00	20.37 1.16 0.00	21.68 1.36 0.00	23.12 1.61 0.00	20.54 1.62 0.00	20.82 1.75 0.00	19.90 1.89 0.00	21.04 2.04 0.00	20.84 2.14 0.00	18.23 1.84 0.00	16.97 1.81 0.00	18.39 1.94 0.00	21.16 2.13 0.00	20.82 1.91 0.00	23.98 2.14 0.00	29.31 2.43 0.00	28.46 2.42 0.00	32.68 2.65 0.00	33.06 2.71 0.00	30.32 2.42 0.00	27.47 2.01 0.00
BAYONEEC___CTG2 323683	21.99 1.63 0.00	21.83 1.49 0.00	20.78 1.28 0.00	21.58 1.17 0.00	20.37 1.16 0.00	21.68 1.36 0.00	23.12 1.61 0.00	20.54 1.62 0.00	20.82 1.75 0.00	19.90 1.89 0.00	21.04 2.04 0.00	20.84 2.14 0.00	18.23 1.84 0.00	16.97 1.81 0.00	18.39 1.94 0.00	21.16 2.13 0.00	20.82 1.91 0.00	23.98 2.14 0.00	29.31 2.43 0.00	28.46 2.42 0.00	32.68 2.65 0.00	33.06 2.71 0.00	30.32 2.42 0.00	27.47 2.01 0.00
BAYONEEC___CTG3 323684	21.99 1.63 0.00	21.83 1.49 0.00	20.78 1.28 0.00	21.58 1.17 0.00	20.37 1.16 0.00	21.68 1.36 0.00	23.12 1.61 0.00	20.54 1.62 0.00	20.82 1.75 0.00	19.90 1.89 0.00	21.04 2.04 0.00	20.84 2.14 0.00	18.23 1.84 0.00	16.97 1.81 0.00	18.39 1.94 0.00	21.16 2.13 0.00	20.82 1.91 0.00	23.98 2.14 0.00	29.31 2.43 0.00	28.46 2.42 0.00	32.68 2.65 0.00	33.06 2.71 0.00	30.32 2.42 0.00	27.47 2.01 0.00
BAYONEEC___CTG4 323685	21.99 1.63 0.00	21.83 1.49 0.00	20.78 1.28 0.00	21.58 1.17 0.00	20.37 1.16 0.00	21.68 1.36 0.00	23.12 1.61 0.00	20.54 1.62 0.00	20.82 1.75 0.00	19.90 1.89 0.00	21.04 2.04 0.00	20.84 2.14 0.00	18.23 1.84 0.00	16.97 1.81 0.00	18.39 1.94 0.00	21.16 2.13 0.00	20.82 1.91 0.00	23.98 2.14 0.00	29.31 2.43 0.00	28.46 2.42 0.00	32.68 2.65 0.00	33.06 2.71 0.00	30.32 2.42 0.00	27.47 2.01 0.00
BAYONEEC___CTG5 323686	21.99 1.63 0.00	21.83 1.49 0.00	20.78 1.28 0.00	21.58 1.17 0.00	20.37 1.16 0.00	21.68 1.36 0.00	23.12 1.61 0.00	20.54 1.62 0.00	20.82 1.75 0.00	19.90 1.89 0.00	21.04 2.04 0.00	20.84 2.14 0.00	18.23 1.84 0.00	16.97 1.81 0.00	18.39 1.94 0.00	21.16 2.13 0.00	20.82 1.91 0.00	23.98 2.14 0.00	29.31 2.43 0.00	28.46 2.42 0.00	32.68 2.65 0.00	33.06 2.71 0.00	30.32 2.42 0.00	27.47 2.01 0.00
BAYONEEC___CTG6 323687	21.99 1.63 0.00	21.83 1.49 0.00	20.78 1.28 0.00	21.58 1.17 0.00	20.37 1.16 0.00	21.68 1.36 0.00	23.12 1.61 0.00	20.54 1.62 0.00	20.82 1.75 0.00	19.90 1.89 0.00	21.04 2.04 0.00	20.84 2.14 0.00	18.23 1.84 0.00	16.97 1.81 0.00	18.39 1.94 0.00	21.16 2.13 0.00	20.82 1.91 0.00	23.98 2.14 0.00	29.31 2.43 0.00	28.46 2.42 0.00	32.68 2.65 0.00	33.06 2.71 0.00	30.32 2.42 0.00	27.47 2.01 0.00
BAYONEEC___CTG7 323688	21.99 1.63 0.00	21.83 1.49 0.00	20.78 1.28 0.00	21.58 1.17 0.00	20.37 1.16 0.00	21.68 1.36 0.00	23.12 1.61 0.00	20.54 1.62 0.00	20.82 1.75 0.00	19.90 1.89 0.00	21.04 2.04 0.00	20.84 2.14 0.00	18.23 1.84 0.00	16.97 1.81 0.00	18.39 1.94 0.00	21.16 2.13 0.00	20.82 1.91 0.00	23.98 2.14 0.00	29.31 2.43 0.00	28.46 2.42 0.00	32.68 2.65 0.00	33.06 2.71 0.00	30.32 2.42 0.00	27.47 2.01 0.00
BAYONEEC___CTG8 323689	21.99 1.63 0.00	21.83 1.49 0.00	20.78 1.28 0.00	21.58 1.17 0.00	20.37 1.16 0.00	21.68 1.36 0.00	23.12 1.61 0.00	20.54 1.62 0.00	20.82 1.75 0.00	19.90 1.89 0.00	21.04 2.04 0.00	20.84 2.14 0.00	18.23 1.84 0.00	16.97 1.81 0.00	18.39 1.94 0.00	21.16 2.13 0.00	20.82 1.91 0.00	23.98 2.14 0.00	29.31 2.43 0.00	28.46 2.42 0.00	32.68 2.65 0.00	33.06 2.71 0.00	30.32 2.42 0.00	27.47 2.01 0.00
BAYONEEC___CTG9 323749	21.99 1.63 0.00	21.83 1.49 0.00	20.78 1.28 0.00	21.58 1.17 0.00	20.37 1.16 0.00	21.68 1.36 0.00	23.12 1.61 0.00	20.54 1.62 0.00	20.82 1.75 0.00	19.90 1.89 0.00	21.04 2.04 0.00	20.84 2.14 0.00	18.23 1.84 0.00	16.97 1.81 0.00	18.39 1.94 0.00	21.16 2.13 0.00	20.82 1.91 0.00	23.98 2.14 0.00	29.31 2.43 0.00	28.46 2.42 0.00	32.68 2.65 0.00	33.06 2.71 0.00	30.32 2.42 0.00	27.47 2.01 0.00



BEACON___LESR 323632	20.97 0.61 0.00	20.94 0.60 0.00	20.00 0.51 0.00	20.86 0.45 0.00	19.75 0.54 0.00	20.98 0.67 0.00	22.38 0.87 0.00	19.79 0.87 0.00	20.06 1.00 0.00	18.98 0.97 0.00	20.10 1.09 0.00	19.85 1.15 0.00	17.36 0.98 0.00	16.17 1.01 0.00	17.53 1.07 0.00	20.19 1.16 0.00	19.95 1.04 0.00	22.95 1.11 0.00	28.35 1.46 0.00	27.48 1.44 0.00	31.68 1.66 0.00	31.79 1.44 0.00	29.13 1.22 0.00	26.37 0.91 0.00
BEAVER RIVER___HYD 24048	20.12 -0.24 0.00	20.13 -0.21 0.00	19.37 -0.12 0.00	20.31 -0.10 0.00	19.04 -0.16 0.00	19.84 -0.47 0.00	20.80 -0.71 0.00	18.00 -0.92 0.00	17.91 -1.16 0.00	16.82 -1.19 0.00	17.71 -1.30 0.00	17.40 -1.30 0.00	15.20 -1.18 0.00	11.49 -1.07 2.61	6.95 -1.25 8.27	18.62 -1.38 -0.97	19.89 -1.31 -2.29	22.94 -1.33 -2.43	28.38 -1.20 -2.70	27.51 -1.18 -2.65	32.19 -0.72 -2.88	33.22 -0.03 -2.90	30.46 0.01 -2.55	25.46 0.00 0.00
BEEBEE_GT_13 23619	20.91 0.55 0.00	20.79 0.44 0.00	19.88 0.39 0.00	20.75 0.34 0.00	19.60 0.39 0.00	20.63 0.31 0.00	21.79 0.28 0.00	19.07 0.16 0.00	19.25 0.19 0.00	18.11 0.12 0.02	19.16 0.16 0.00	18.85 0.17 0.02	16.52 0.15 0.02	15.30 0.17 0.03	16.46 0.08 0.08	18.55 0.05 0.53	19.06 0.08 -0.07	22.02 0.06 -0.12	27.14 0.12 -0.13	26.23 0.06 -0.13	30.25 0.08 -0.14	30.49 0.00 -0.14	28.03 0.00 -0.13	25.48 0.03 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.18 1.82 0.00	22.05 1.71 0.00	20.97 1.47 0.00	21.77 1.36 0.00	20.55 1.34 0.00	21.88 1.56 0.00	23.35 1.84 0.00	20.72 1.81 0.00	21.02 1.96 0.00	20.11 2.09 -0.01	21.26 2.26 0.00	21.05 2.34 0.00	18.40 2.01 0.00	17.13 1.96 -0.01	18.56 2.10 -0.01	21.51 2.32 -0.17	21.07 2.13 -0.04	24.25 2.37 -0.03	29.63 2.71 -0.04	28.74 2.67 -0.04	33.00 2.93 -0.04	33.46 3.07 -0.04	30.71 2.77 -0.04	27.78 2.33 0.00
BETHLEHEM___GRP 23843	20.66 0.29 0.00	20.64 0.30 0.00	19.72 0.22 0.00	20.54 0.13 0.00	19.40 0.20 0.00	20.64 0.32 0.00	21.96 0.46 0.00	19.50 0.58 0.00	19.75 0.69 0.00	18.71 0.70 0.00	19.70 0.69 0.00	19.50 0.80 0.00	17.09 0.70 0.00	15.89 0.73 -0.01	17.22 0.75 0.00	19.92 0.76 -0.13	19.60 0.66 -0.04	22.56 0.69 -0.03	27.85 0.93 -0.03	27.00 0.93 -0.03	31.09 1.03 -0.03	31.26 0.88 -0.03	28.63 0.69 -0.03	25.85 0.40 0.00
BETHLEHEM___GS1 323560	20.66 0.30 0.00	20.63 0.29 0.00	19.71 0.22 0.00	20.55 0.14 0.00	19.40 0.20 0.00	20.64 0.32 0.00	21.96 0.46 0.00	19.51 0.59 0.00	19.75 0.69 0.00	18.70 0.70 0.00	19.70 0.69 0.00	19.50 0.79 0.00	17.09 0.71 0.00	15.89 0.73 0.00	17.21 0.75 0.00	19.78 0.75 0.00	19.56 0.65 0.00	22.53 0.69 0.00	27.81 0.93 0.00	26.97 0.94 0.00	31.05 1.03 0.00	31.23 0.88 0.00	28.60 0.69 0.00	25.85 0.40 0.00
BETHLEHEM___GS2 323561	20.66 0.30 0.00	20.63 0.29 0.00	19.71 0.22 0.00	20.55 0.14 0.00	19.40 0.20 0.00	20.64 0.32 0.00	21.96 0.46 0.00	19.51 0.59 0.00	19.75 0.69 0.00	18.70 0.70 0.00	19.70 0.69 0.00	19.50 0.79 0.00	17.09 0.71 0.00	15.89 0.73 0.00	17.21 0.75 0.00	19.78 0.75 0.00	19.56 0.65 0.00	22.53 0.69 0.00	27.81 0.93 0.00	26.97 0.94 0.00	31.05 1.03 0.00	31.23 0.88 0.00	28.60 0.69 0.00	25.85 0.40 0.00
BETHLEHEM___GS3 323562	20.66 0.30 0.00	20.63 0.29 0.00	19.71 0.22 0.00	20.55 0.14 0.00	19.40 0.20 0.00	20.64 0.32 0.00	21.96 0.46 0.00	19.51 0.59 0.00	19.75 0.69 0.00	18.70 0.70 0.00	19.70 0.69 0.00	19.50 0.79 0.00	17.09 0.71 0.00	15.89 0.73 0.00	17.21 0.75 0.00	19.78 0.75 0.00	19.56 0.65 0.00	22.53 0.69 0.00	27.81 0.93 0.00	26.97 0.94 0.00	31.05 1.03 0.00	31.23 0.88 0.00	28.60 0.69 0.00	25.85 0.40 0.00
BETHLEHEM___STEEL 23779	21.06 0.70 0.00	20.88 0.54 0.00	19.96 0.47 0.00	20.82 0.41 0.00	19.65 0.44 0.00	20.65 0.34 0.00	21.76 0.25 0.00	18.99 0.07 0.00	19.13 0.07 0.00	17.70 -0.06 0.25	19.04 0.04 0.00	18.54 0.04 0.21	16.21 0.00 0.17	15.07 0.05 0.13	16.30 -0.10 0.06	13.24 -0.13 5.66	18.45 -0.14 0.31	21.75 -0.20 -0.11	26.86 -0.15 -0.13	25.96 -0.20 -0.13	29.91 -0.25 -0.14	30.15 -0.33 -0.14	27.79 -0.23 -0.12	25.36 -0.09 0.00
BETHLHEM_115KV_TB1 79974	20.72 0.36 0.00	20.71 0.37 0.00	19.78 0.29 0.00	20.61 0.20 0.00	19.46 0.25 0.00	20.69 0.38 0.00	22.02 0.51 0.00	19.54 0.62 0.00	19.78 0.72 0.00	18.74 0.73 0.00	19.74 0.73 0.00	19.53 0.83 0.00	17.12 0.73 0.00	15.91 0.74 -0.01	17.24 0.77 0.00	19.96 0.79 -0.13	19.65 0.70 -0.04	22.62 0.75 -0.03	27.89 0.98 -0.03	27.05 0.98 -0.03	31.15 1.09 -0.03	31.33 0.95 -0.03	28.70 0.77 -0.03	25.93 0.48 0.00
BETHPAGE_CC_5 323564	22.08 1.72 0.00	21.79 1.45 0.00	20.69 1.20 0.00	21.62 1.21 0.00	20.40 1.19 0.00	21.82 1.50 0.00	23.58 2.07 0.00	20.70 1.78 0.00	20.97 1.90 0.00	20.04 2.03 0.00	21.25 2.24 0.00	21.07 2.36 0.00	18.35 1.97 0.00	17.01 1.85 0.00	18.48 2.02 0.00	21.22 2.19 0.00	20.83 1.92 0.00	24.07 2.23 0.00	29.65 2.77 0.00	28.75 2.71 0.00	33.08 3.05 0.00	33.49 3.14 0.00	30.55 2.64 0.00	27.60 2.15 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.16 0.80 0.00	20.98 0.64 0.00	20.05 0.56 0.00	20.91 0.51 0.00	19.74 0.53 0.00	20.75 0.44 0.00	21.87 0.36 0.00	19.09 0.17 0.00	19.24 0.18 0.00	17.82 0.04 0.23	19.15 0.15 0.00	18.65 0.15 0.20	16.31 0.08 0.16	15.16 0.13 0.13	16.39 0.00 0.06	13.70 -0.01 5.32	18.58 -0.04 0.29	21.88 -0.08 -0.11	27.01 0.00 -0.13	26.11 -0.05 -0.13	30.09 -0.07 -0.13	30.34 -0.15 -0.14	27.96 -0.06 -0.12	25.51 0.06 0.00
BINGHAMTON___COGEN 23790	21.17 0.81 0.00	21.09 0.74 0.00	20.13 0.63 0.00	21.03 0.62 0.00	19.76 0.55 0.00	20.90 0.59 0.00	22.15 0.64 0.00	19.48 0.56 0.00	19.68 0.62 0.00	18.66 0.62 -0.02	19.65 0.64 0.00	19.39 0.67 -0.02	16.92 0.51 -0.02	15.72 0.55 -0.01	16.98 0.54 0.03	20.28 0.63 -0.62	19.62 0.59 -0.13	22.67 0.73 -0.09	27.87 0.88 -0.10	27.05 0.91 -0.10	31.18 1.04 -0.11	31.49 1.03 -0.11	28.93 0.93 -0.10	26.26 0.81 0.00
BIXINCNT_115KV_LOAD 355685	21.55 1.19 0.00	21.36 1.01 0.00	20.34 0.84 0.00	21.15 0.74 0.00	19.91 0.70 0.00	20.98 0.67 0.00	22.27 0.76 0.00	19.52 0.60 0.00	19.64 0.58 0.00	18.12 0.27 0.15	19.36 0.35 0.00	18.67 0.10 0.13	16.22 -0.06 0.11	15.13 0.06 0.09	16.46 0.06 0.06	15.61 0.07 3.49	18.88 0.12 0.16	22.22 0.27 -0.11	27.54 0.53 -0.13	26.70 0.54 -0.13	30.80 0.64 -0.13	31.04 0.56 -0.14	28.73 0.70 -0.12	26.24 0.79 0.00
BLACK RIVER___HYD 24047	20.27 -0.09 0.00	20.28 -0.07 0.00	19.47 -0.02 0.00	20.40 -0.01 0.00	19.16 -0.05 0.00	19.94 -0.37 0.00	20.87 -0.64 0.00	18.06 -0.86 0.00	17.92 -1.15 0.00	16.82 -1.19 0.00	17.72 -1.29 0.00	17.39 -1.31 0.00	15.17 -1.21 0.00	12.24 -1.13 1.78	9.45 -1.35 5.66	18.25 -1.48 -0.70	19.18 -1.34 -1.61	22.24 -1.31 -1.70	27.66 -1.12 -1.90	26.84 -1.06 -1.86	31.54 -0.52 -2.03	32.61 0.22 -2.04	29.91 0.22 -1.79	25.55 0.10 0.00



BLACKRVR_115KV_TB2 79977	20.27 -0.09 0.00	20.28 -0.07 0.00	19.47 -0.02 0.00	20.40 -0.01 0.00	19.16 -0.05 0.00	19.94 -0.37 0.00	20.87 -0.64 0.00	18.05 -0.86 0.00	17.92 -1.15 0.00	16.82 -1.19 0.00	17.72 -1.29 0.00	17.39 -1.31 0.00	15.17 -1.21 0.00	12.25 -1.13 1.78	9.46 -1.34 5.66	18.27 -1.48 -0.71	19.18 -1.34 -1.61	22.24 -1.31 -1.70	27.66 -1.12 -1.90	26.84 -1.06 -1.86	31.53 -0.52 -2.03	32.61 0.23 -2.04	29.91 0.22 -1.79	25.55 0.10 0.00
BLISS_WT_PWR 323608	21.54 1.18 0.00	21.35 1.00 0.00	20.30 0.80 0.00	21.09 0.67 0.00	19.84 0.63 0.00	20.92 0.60 0.00	22.27 0.76 0.00	19.51 0.59 0.00	19.62 0.55 0.00	18.06 0.20 0.15	19.29 0.28 0.00	18.51 -0.06 0.13	16.05 -0.23 0.11	15.02 -0.07 0.07	16.43 -0.03 0.00	15.45 0.00 3.58	18.73 0.08 0.26	22.10 0.26 0.00	27.43 0.55 0.00	26.59 0.55 0.00	30.70 0.67 0.00	30.91 0.57 0.00	28.65 0.74 0.00	26.26 0.81 0.00
BLUE_CIRC_CHEM_DRP 24182	20.92 0.56 0.00	20.90 0.55 0.00	19.93 0.44 0.00	20.81 0.41 0.00	19.61 0.40 0.00	20.82 0.50 0.00	22.14 0.63 0.00	19.59 0.67 0.00	19.83 0.76 0.00	18.80 0.78 0.00	19.83 0.82 0.00	19.60 0.89 0.00	17.16 0.76 0.00	15.93 0.77 -0.01	17.27 0.80 0.00	20.03 0.86 -0.13	19.72 0.78 -0.04	22.72 0.85 -0.03	27.97 1.05 -0.03	27.12 1.05 -0.03	31.24 1.18 -0.03	31.48 1.10 -0.03	28.87 0.93 -0.03	26.15 0.70 0.00
BOC_GAS_DRP 24189	20.92 0.56 0.00	20.90 0.55 0.00	19.93 0.44 0.00	20.81 0.40 0.00	19.60 0.40 0.00	20.82 0.50 0.00	22.14 0.63 0.00	19.59 0.67 0.00	19.83 0.76 0.00	18.80 0.78 0.00	19.83 0.82 0.00	19.59 0.89 0.00	17.16 0.76 0.00	15.93 0.76 -0.01	17.27 0.80 0.00	20.03 0.86 -0.13	19.72 0.78 -0.04	22.72 0.85 -0.03	27.96 1.05 -0.03	27.12 1.05 -0.03	31.23 1.17 -0.03	31.48 1.10 -0.03	28.87 0.93 -0.03	26.15 0.70 0.00
BOONVLE_115KV_TB1 79983	20.60 0.23 0.00	20.56 0.22 0.00	19.72 0.22 0.00	20.64 0.22 0.00	19.37 0.16 0.00	20.36 0.04 0.00	21.48 -0.03 0.00	18.77 -0.15 0.00	18.83 -0.23 0.00	17.69 -0.32 0.00	18.61 -0.40 0.00	18.31 -0.39 0.00	16.01 -0.38 0.00	16.53 -0.31 -1.68	20.87 -0.36 -4.77	20.07 -0.38 -1.42	19.43 -0.37 -0.89	22.44 -0.35 -0.94	27.75 -0.18 -1.05	26.89 -0.18 -1.03	31.24 0.09 -1.12	31.89 0.42 -1.13	29.26 0.37 -0.99	25.81 0.36 0.00
BORALEX_4TH_BRANCH 23824	21.11 0.75 0.00	21.08 0.73 0.00	20.07 0.58 0.00	20.97 0.56 0.00	19.84 0.62 0.00	21.22 0.90 0.00	22.63 1.12 0.00	20.09 1.17 0.00	20.35 1.28 0.00	19.23 1.22 0.00	20.37 1.36 0.00	20.18 1.47 0.00	17.63 1.24 0.00	16.42 1.26 0.00	17.79 1.33 0.00	20.43 1.40 0.00	20.10 1.19 0.00	23.10 1.26 0.00	28.62 1.74 0.00	27.76 1.72 0.00	32.01 1.98 0.00	32.14 1.79 0.00	29.39 1.48 0.00	26.41 0.96 0.00
BOWLINE___1 23526	21.84 1.48 0.00	21.69 1.35 0.00	20.65 1.16 0.00	21.48 1.07 0.00	20.26 1.06 0.00	21.56 1.25 0.00	23.00 1.49 0.00	20.40 1.48 0.00	20.67 1.61 0.00	19.72 1.71 0.00	20.87 1.87 0.00	20.65 1.95 0.00	18.05 1.66 0.00	16.79 1.63 0.00	18.21 1.75 0.00	20.97 1.94 0.00	20.66 1.75 0.00	23.82 1.97 0.00	29.18 2.29 0.00	28.32 2.28 0.00	32.56 2.53 0.00	32.86 2.52 0.00	30.12 2.22 0.00	27.27 1.82 0.00
BOWLINE___2 23595	21.84 1.48 0.00	21.69 1.35 0.00	20.65 1.16 0.00	21.48 1.07 0.00	20.26 1.06 0.00	21.56 1.25 0.00	23.00 1.49 0.00	20.40 1.48 0.00	20.67 1.61 0.00	19.73 1.71 0.00	20.87 1.87 0.00	20.66 1.95 0.00	18.05 1.66 0.00	16.80 1.64 0.00	18.21 1.75 0.00	20.97 1.94 0.00	20.66 1.75 0.00	23.82 1.98 0.00	29.18 2.29 0.00	28.32 2.28 0.00	32.56 2.53 0.00	32.86 2.52 0.00	30.12 2.22 0.00	27.27 1.82 0.00
BRADY___115KV_TB2 356060	19.90 -0.46 0.00	19.92 -0.42 0.00	19.32 -0.18 0.00	20.29 -0.12 0.00	19.10 -0.10 0.00	20.06 -0.25 0.00	21.19 -0.32 0.00	18.52 -0.40 0.00	18.51 -0.55 0.00	17.40 -0.61 0.00	18.43 -0.58 0.00	18.07 -0.64 0.00	15.88 -0.51 0.00	13.94 -0.57 0.66	13.27 -0.56 2.62	20.68 -0.56 -2.22	21.36 -0.45 -2.90	24.39 -0.52 -3.07	29.68 -0.62 -3.42	28.82 -0.57 -3.36	33.14 -0.54 -3.65	33.63 -0.40 -3.67	30.76 -0.38 -3.23	25.31 -0.14 0.00
BRANSCOMB___SOLAR 323811	21.37 1.00 0.00	21.30 0.96 0.00	20.31 0.81 0.00	21.23 0.82 0.00	20.04 0.83 0.00	21.35 1.03 0.00	22.71 1.21 0.00	20.06 1.14 0.00	20.32 1.26 0.00	19.20 1.19 0.00	20.27 1.26 0.00	20.06 1.36 0.00	17.51 1.12 0.00	16.22 1.06 0.00	17.53 1.07 0.00	20.20 1.17 0.00	19.95 1.04 0.00	23.02 1.18 0.00	28.65 1.76 0.00	27.84 1.80 0.00	32.12 2.09 0.00	32.31 1.96 0.00	29.60 1.70 0.00	26.68 1.23 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	22.07 1.71 0.00	21.75 1.41 0.00	20.64 1.14 0.00	21.61 1.20 0.00	20.40 1.19 0.00	21.85 1.53 0.00	23.64 2.13 0.00	20.75 1.83 0.00	20.99 1.93 0.00	20.06 2.05 -0.01	21.22 2.21 0.00	21.02 2.31 0.00	18.36 1.97 0.00	16.98 1.81 -0.01	18.46 2.00 -0.01	21.36 2.16 -0.17	20.84 1.89 -0.04	24.09 2.22 -0.03	29.57 2.65 -0.04	28.72 2.65 -0.04	33.09 3.02 -0.04	33.63 3.24 -0.04	30.67 2.73 -0.04	27.61 2.16 0.00
BRISTLHL_115KV_TB1 79998	20.40 0.03 0.00	20.33 -0.01 0.00	19.45 -0.05 0.00	20.30 -0.10 0.00	19.13 -0.08 0.00	20.18 -0.13 0.00	21.31 -0.20 0.00	18.73 -0.19 0.00	18.89 -0.18 0.00	17.81 -0.20 0.00	18.76 -0.25 0.00	18.49 -0.21 0.00	16.18 -0.21 0.00	14.88 -0.16 0.12	15.85 -0.21 0.40	18.94 -0.24 -0.15	18.91 -0.23 -0.23	21.84 -0.24 -0.24	26.87 -0.28 -0.27	26.06 -0.25 -0.26	30.06 -0.25 -0.29	30.31 -0.33 -0.29	27.84 -0.32 -0.25	25.18 -0.27 0.00
BROOKHAVEN___DRP 24191	21.77 1.40 0.00	21.44 1.10 0.00	20.34 0.85 0.00	21.39 0.98 0.00	20.18 0.98 0.00	21.70 1.38 0.00	23.49 1.98 0.00	20.63 1.71 0.00	20.80 1.73 0.00	19.78 1.77 -0.01	20.90 1.90 0.00	20.73 2.03 0.00	18.10 1.71 0.00	16.73 1.56 -0.01	18.19 1.73 -0.01	21.08 1.88 -0.17	20.57 1.62 -0.04	23.79 1.92 -0.03	29.53 2.61 -0.04	28.57 2.50 -0.04	32.91 2.84 -0.04	33.44 3.05 -0.04	30.41 2.47 -0.04	27.25 1.80 0.00
BROOKLYN_NAVY_YARD 23515	22.00 1.64 0.00	21.84 1.50 0.00	20.78 1.28 0.00	21.56 1.14 0.00	20.34 1.13 0.00	21.66 1.35 0.00	23.11 1.61 0.00	20.52 1.60 0.00	20.81 1.74 0.00	19.89 1.88 0.00	21.00 2.00 0.00	20.81 2.11 0.00	18.20 1.82 0.00	16.93 1.77 0.00	18.36 1.90 0.00	21.11 2.08 0.00	20.78 1.87 0.00	23.93 2.08 0.00	29.26 2.37 0.00	28.40 2.36 0.00	32.61 2.59 0.00	33.02 2.67 0.00	30.31 2.41 0.00	27.45 2.00 0.00
BROOKLYN___ARMY_DRP 323595	22.08 1.72 0.00	21.95 1.61 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.46 1.26 0.00	21.79 1.47 0.00	23.25 1.74 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.02 2.00 -0.01	21.16 2.15 0.00	20.95 2.24 0.00	18.31 1.92 0.00	17.04 1.87 -0.01	18.47 2.00 -0.01	21.41 2.21 -0.17	20.96 2.01 -0.04	24.12 2.25 -0.03	29.47 2.55 -0.04	28.59 2.52 -0.04	32.82 2.75 -0.04	33.28 2.90 -0.04	30.56 2.62 -0.04	27.64 2.19 0.00



BROOKVLE_69_KV_TB1 55790	22.12 1.75 0.00	21.89 1.54 0.00	20.79 1.30 0.00	21.68 1.27 0.00	20.46 1.25 0.00	21.84 1.52 0.00	23.50 1.99 0.00	20.70 1.79 0.00	20.99 1.92 0.00	20.07 2.05 -0.01	21.28 2.27 0.00	21.10 2.39 0.00	18.40 2.00 0.00	17.09 1.92 -0.01	18.56 2.09 -0.01	21.49 2.29 -0.17	21.00 2.05 -0.04	24.23 2.35 -0.03	29.75 2.83 -0.04	28.85 2.77 -0.04	33.19 3.12 -0.04	33.55 3.16 -0.04	30.63 2.69 -0.04	27.65 2.19 0.00
BROOME_2_LFGE 323671	21.17 0.81 0.00	21.09 0.75 0.00	20.13 0.64 0.00	21.03 0.61 0.00	19.76 0.55 0.00	20.90 0.59 0.00	22.16 0.64 0.00	19.48 0.56 0.00	19.68 0.61 0.00	18.63 0.62 0.00	19.65 0.65 0.00	19.37 0.67 0.00	16.90 0.51 0.00	15.71 0.55 0.00	17.00 0.54 0.00	19.65 0.62 0.00	19.50 0.59 0.00	22.57 0.73 0.00	27.76 0.87 0.00	26.94 0.90 0.00	31.06 1.03 0.00	31.38 1.03 0.00	28.83 0.93 0.00	26.26 0.81 0.00
BROOME__LFGE 323600	21.17 0.81 0.00	21.09 0.75 0.00	20.13 0.64 0.00	21.03 0.61 0.00	19.76 0.55 0.00	20.90 0.59 0.00	22.16 0.64 0.00	19.48 0.56 0.00	19.68 0.61 0.00	18.63 0.62 0.00	19.65 0.65 0.00	19.37 0.67 0.00	16.90 0.51 0.00	15.71 0.55 0.00	17.00 0.54 0.00	19.65 0.62 0.00	19.50 0.59 0.00	22.57 0.73 0.00	27.76 0.87 0.00	26.94 0.90 0.00	31.06 1.03 0.00	31.38 1.03 0.00	28.83 0.93 0.00	26.26 0.81 0.00
BROWNFLS_115KV_TB_3_5 80003	19.62 -0.74 0.00	19.62 -0.72 0.00	18.95 -0.55 0.00	19.89 -0.52 0.00	18.68 -0.52 0.00	19.52 -0.79 0.00	20.53 -0.98 0.00	17.83 -1.09 0.00	17.78 -1.29 0.00	16.71 -1.29 0.00	17.64 -1.36 0.00	17.32 -1.38 0.00	15.17 -1.21 0.00	12.75 -1.12 1.28	10.42 -1.29 4.76	20.62 -1.42 -3.01	21.67 -1.33 -4.09	24.75 -1.43 -4.33	30.23 -1.48 -4.82	29.40 -1.38 -4.74	34.02 -1.16 -5.15	34.84 -0.69 -5.18	31.83 -0.62 -4.55	24.99 -0.46 0.00
BROWNSV1_27_KV_LOAD 356125	22.18 1.82 0.00	22.01 1.67 0.00	20.94 1.44 0.00	21.75 1.34 0.00	20.53 1.32 0.00	21.85 1.54 0.00	23.32 1.81 0.00	20.70 1.78 0.00	21.00 1.93 0.00	20.08 2.07 -0.01	21.23 2.22 0.00	21.04 2.33 0.00	18.40 2.01 0.00	17.13 1.96 -0.01	18.58 2.11 -0.01	21.54 2.34 -0.17	21.07 2.12 -0.04	24.25 2.37 -0.03	29.65 2.73 -0.04	28.77 2.69 -0.04	33.06 2.99 -0.04	33.43 3.04 -0.04	30.64 2.70 -0.04	27.71 2.26 0.00
BURROWS__LYONSDAL 23803	20.48 0.11 0.00	20.46 0.11 0.00	19.63 0.13 0.00	20.55 0.14 0.00	19.28 0.07 0.00	20.21 -0.10 0.00	21.29 -0.22 0.00	18.54 -0.38 0.00	18.56 -0.51 0.00	17.43 -0.59 0.00	18.35 -0.66 0.00	18.04 -0.67 0.00	15.77 -0.62 0.00	14.71 -0.53 -0.08	15.83 -0.61 0.03	19.41 -0.67 -1.05	19.42 -0.66 -1.17	22.43 -0.65 -1.23	27.78 -0.48 -1.37	26.89 -0.50 -1.35	31.34 -0.15 -1.47	32.13 0.31 -1.48	29.48 0.28 -1.30	25.72 0.27 0.00
CAITHNESS_CC_1 323624	21.79 1.43 0.00	21.46 1.12 0.00	20.36 0.87 0.00	21.39 0.98 0.00	20.19 0.98 0.00	21.68 1.37 0.00	23.47 1.96 0.00	20.61 1.69 0.00	20.80 1.73 0.00	19.81 1.80 0.00	20.94 1.93 0.00	20.76 2.06 0.00	18.12 1.74 0.00	16.75 1.59 0.00	18.22 1.76 0.00	20.93 1.90 0.00	20.54 1.63 0.00	23.77 1.93 0.00	29.47 2.59 0.00	28.54 2.50 0.00	32.86 2.83 0.00	33.38 3.03 0.00	30.37 2.46 0.00	27.28 1.83 0.00
CALPINE BETH_PAGE_GT4 24209	22.09 1.73 0.00	21.82 1.47 0.00	20.70 1.21 0.00	21.63 1.22 0.00	20.41 1.20 0.00	21.83 1.52 0.00	23.60 2.09 0.00	20.71 1.79 0.00	20.98 1.91 0.00	20.06 2.04 -0.01	21.26 2.26 0.00	21.09 2.38 0.00	18.37 1.98 0.00	17.03 1.86 -0.01	18.48 2.01 -0.01	21.40 2.20 -0.17	20.88 1.93 -0.04	24.12 2.24 -0.03	29.69 2.77 -0.04	28.77 2.69 -0.04	33.11 3.04 -0.04	33.50 3.11 -0.04	30.57 2.63 -0.04	27.61 2.16 0.00
CALPINE_BETH_PAGE_GT_4 323586	22.09 1.73 0.00	21.81 1.47 0.00	20.71 1.21 0.00	21.63 1.22 0.00	20.41 1.20 0.00	21.83 1.52 0.00	23.60 2.09 0.00	20.71 1.80 0.00	20.98 1.92 0.00	20.06 2.05 0.00	21.26 2.26 0.00	21.08 2.38 0.00	18.37 1.98 0.00	17.02 1.86 0.00	18.48 2.02 0.00	21.22 2.19 0.00	20.83 1.92 0.00	24.08 2.24 0.00	29.65 2.77 0.00	28.74 2.70 0.00	33.07 3.04 0.00	33.46 3.11 0.00	30.53 2.62 0.00	27.61 2.16 0.00
CALPINE_BP_GT1 23823	22.09 1.73 0.00	21.81 1.47 0.00	20.71 1.21 0.00	21.63 1.22 0.00	20.41 1.20 0.00	21.83 1.52 0.00	23.60 2.09 0.00	20.71 1.80 0.00	20.98 1.92 0.00	20.06 2.05 0.00	21.26 2.26 0.00	21.08 2.38 0.00	18.37 1.98 0.00	17.02 1.86 0.00	18.48 2.02 0.00	21.22 2.19 0.00	20.83 1.92 0.00	24.08 2.24 0.00	29.65 2.77 0.00	28.74 2.70 0.00	33.07 3.04 0.00	33.46 3.11 0.00	30.53 2.62 0.00	27.61 2.16 0.00
CALSPAN__DRP 24200	21.06 0.70 0.00	20.88 0.54 0.00	19.96 0.47 0.00	20.82 0.41 0.00	19.65 0.44 0.00	20.65 0.34 0.00	21.76 0.25 0.00	18.99 0.07 0.00	19.13 0.07 0.25	17.70 -0.06 0.00	19.04 0.04 0.00	18.54 0.04 0.21	16.21 0.00 0.17	15.07 0.05 0.13	16.30 -0.10 0.06	13.24 -0.13 5.66	18.45 -0.14 0.31	21.75 -0.20 -0.11	26.86 -0.15 -0.13	25.96 -0.20 -0.13	29.91 -0.25 -0.14	30.15 -0.33 -0.14	27.79 -0.23 -0.12	25.36 -0.09 0.00
CALVERTON__SOLAR 323806	21.77 1.41 0.00	21.44 1.09 0.00	20.35 0.85 0.00	21.40 0.99 0.00	20.20 0.99 0.00	21.72 1.41 0.00	23.52 2.01 0.00	20.66 1.74 0.00	20.82 1.75 0.00	19.77 1.77 0.00	20.89 1.89 0.00	20.72 2.02 0.00	18.09 1.71 0.00	16.72 1.56 0.00	18.19 1.73 0.00	20.90 1.87 0.00	20.52 1.62 0.00	23.77 1.93 0.00	29.55 2.67 0.00	28.59 2.56 0.00	32.92 2.89 0.00	33.47 3.12 0.00	30.40 2.49 0.00	27.27 1.82 0.00
CANDIGU_WT_PWR 323617	21.20 0.84 0.00	21.11 0.77 0.00	20.10 0.60 0.00	20.94 0.53 0.00	19.46 0.25 0.00	20.58 0.27 0.00	21.90 0.40 0.00	19.03 0.11 0.00	19.04 -0.03 0.00	16.53 -0.09 1.39	18.88 -0.13 0.00	17.40 -0.13 1.18	15.24 -0.19 0.96	14.42 -0.07 0.67	16.32 -0.14 0.00	-13.02 -0.11 31.94	16.63 0.06 2.34	22.17 0.32 0.00	27.30 0.41 0.00	26.45 0.42 0.00	30.57 0.55 0.00	30.91 0.56 0.00	28.51 0.60 0.00	26.01 0.55 0.00
CARR STREET_E_SYR 24060	20.60 0.24 0.00	20.53 0.18 0.00	19.63 0.13 0.00	20.52 0.10 0.00	19.32 0.11 0.00	20.37 0.05 0.00	21.53 0.02 0.00	18.91 -0.01 0.00	19.09 0.03 0.00	17.99 -0.02 0.00	18.97 -0.04 0.00	18.70 -0.01 0.00	16.36 -0.03 0.00	15.17 0.01 0.00	16.44 -0.02 0.00	19.01 -0.02 0.00	18.90 -0.01 0.00	21.84 0.00 0.00	26.89 0.01 0.00	26.06 0.02 0.00	30.06 0.04 0.00	30.33 -0.02 0.00	27.86 -0.05 0.00	25.43 -0.02 0.00
CARTHAGE__PAPER 23857	20.28 -0.08 0.00	20.28 -0.06 0.00	19.51 0.02 0.00	20.46 0.05 0.00	19.19 -0.02 0.00	20.00 -0.32 0.00	20.95 -0.56 0.00	18.13 -0.79 0.00	17.99 -1.07 0.00	16.87 -1.14 0.00	17.75 -1.26 0.00	17.45 -1.26 0.00	15.21 -1.17 0.00	11.99 -1.08 2.10	8.51 -1.28 6.67	18.44 -1.40 -0.81	19.49 -1.29 -1.87	22.58 -1.24 -1.98	28.05 -1.04 -2.21	27.23 -0.98 -2.17	31.91 -0.47 -2.36	32.97 0.25 -2.37	30.25 0.27 -2.08	25.66 0.21 0.00



CASSADAGA_WT_PWR 323784	21.97 1.61 0.00	21.66 1.32 0.00	20.74 1.25 0.00	21.43 1.02 0.00	20.53 1.32 0.00	21.62 1.30 0.00	22.65 1.14 0.00	19.74 0.82 0.00	19.81 0.74 0.00	18.45 0.61 0.17	19.62 0.61 0.00	19.32 0.75 0.14	16.67 0.39 0.11	15.36 0.28 0.08	16.62 0.16 0.00	15.49 0.31 3.85	19.27 0.65 0.28	22.75 0.90 0.00	28.21 1.32 0.00	27.40 1.36 0.00	31.54 1.51 0.00	31.74 1.40 0.00	29.13 1.22 0.00	26.65 1.19 0.00
CE_DUNWOOD___DRP 24194	21.89 1.53 0.00	21.75 1.41 0.00	20.69 1.20 0.00	21.52 1.11 0.00	20.30 1.10 0.00	21.62 1.30 0.00	23.07 1.56 0.00	20.46 1.55 0.00	20.75 1.69 0.00	19.82 1.81 -0.01	20.97 1.96 0.00	20.76 2.06 0.00	18.14 1.75 0.00	16.88 1.71 -0.01	18.31 1.84 -0.01	21.24 2.04 -0.17	20.79 1.84 -0.04	23.94 2.06 -0.03	29.31 2.39 -0.04	28.45 2.38 -0.04	32.70 2.64 -0.04	33.03 2.64 -0.04	30.26 2.32 -0.04	27.35 1.90 0.00
CE_MILLWOOD___DRP 24193	21.86 1.50 0.00	21.72 1.37 0.00	20.67 1.18 0.00	21.50 1.09 0.00	20.28 1.08 0.00	21.59 1.28 0.00	23.05 1.54 0.00	20.44 1.53 0.00	20.73 1.66 0.00	19.79 1.78 -0.01	20.93 1.93 0.00	20.73 2.02 0.00	18.11 1.72 0.00	16.85 1.68 -0.01	18.28 1.81 -0.01	21.20 2.00 -0.17	20.75 1.80 -0.04	23.90 2.03 -0.03	29.28 2.36 -0.04	28.41 2.33 -0.04	32.66 2.59 -0.04	32.97 2.58 -0.04	30.21 2.27 -0.04	27.31 1.86 0.00
CE_NYC2_DRP 24202	22.05 1.69 0.00	21.90 1.56 0.00	20.83 1.34 0.00	21.63 1.22 0.00	20.43 1.21 0.00	21.74 1.42 0.00	23.19 1.68 0.00	20.60 1.68 0.00	20.88 1.82 0.00	19.98 1.96 -0.01	21.11 2.11 0.00	20.92 2.21 0.00	18.30 1.90 0.00	17.03 1.86 -0.01	18.46 1.99 -0.01	21.39 2.19 -0.17	20.93 1.98 -0.04	24.09 2.21 -0.03	29.44 2.52 -0.04	28.57 2.49 -0.04	32.81 2.74 -0.04	33.21 2.82 -0.04	30.45 2.51 -0.04	27.54 2.09 0.00
CE_NYC_DRP 24195	22.02 1.66 0.00	21.86 1.51 0.00	20.79 1.30 0.00	21.60 1.19 0.00	20.39 1.18 0.00	21.70 1.39 0.00	23.16 1.65 0.00	20.56 1.64 0.00	20.85 1.78 0.00	19.94 1.92 -0.01	21.08 2.07 0.00	20.88 2.17 0.00	18.26 1.87 0.00	17.00 1.83 -0.01	18.43 1.96 -0.01	21.38 2.18 -0.17	20.91 1.96 -0.04	24.06 2.18 -0.03	29.41 2.49 -0.04	28.54 2.47 -0.04	32.79 2.72 -0.04	33.16 2.77 -0.04	30.40 2.46 -0.04	27.50 2.05 0.00
CHAFFEE___LFGE 323603	21.14 0.78 0.00	20.98 0.63 0.00	20.04 0.54 0.00	20.87 0.47 0.00	19.71 0.49 0.00	20.72 0.40 0.00	21.87 0.36 0.00	19.09 0.17 0.00	19.24 0.17 0.00	17.83 0.02 0.21	19.13 0.12 0.00	18.62 0.09 0.17	16.26 0.02 0.14	15.15 0.09 0.10	16.43 -0.03 0.00	14.29 -0.01 4.73	18.53 -0.03 0.35	21.78 -0.06 0.00	26.89 0.01 0.00	25.99 -0.05 0.00	29.97 -0.06 0.00	30.21 -0.14 0.00	27.87 -0.04 0.00	25.52 0.07 0.00
CHATEAUG_35_KV_LOAD 355732	19.92 -0.44 0.00	19.61 -0.73 0.00	18.73 -0.76 0.00	19.96 -0.46 0.00	18.79 -0.41 0.00	20.14 -0.18 0.00	21.41 -0.10 0.00	18.70 -0.23 0.00	18.73 -0.33 0.00	17.61 -0.40 0.00	18.40 -0.61 0.00	17.91 -0.79 0.00	15.57 -0.82 0.00	-2.34 -1.15 16.35	-23.45 -1.17 38.75	-24.01 -1.28 41.76	-24.24 -1.21 41.95	-24.02 -1.44 44.43	-24.29 -1.74 49.43	-24.25 -1.69 48.60	-24.60 -1.84 52.79	-24.53 -1.74 53.14	-20.33 -1.59 46.64	25.06 -0.39 0.00
CHATEAUG_WT_PWR 323614	19.93 -0.44 0.00	19.61 -0.73 0.00	18.71 -0.79 0.00	19.95 -0.46 0.00	18.78 -0.43 0.00	20.13 -0.19 0.00	21.42 -0.09 0.00	18.71 -0.21 0.00	18.77 -0.30 0.00	17.64 -0.37 0.00	18.42 -0.58 0.00	17.96 -0.75 0.00	15.61 -0.78 0.00	-1.29 -1.13 15.31	-21.04 -1.18 36.33	-21.31 -1.33 39.01	-21.54 -1.29 39.16	-21.16 -1.52 41.48	-21.09 -1.83 46.15	-21.11 -1.77 45.37	-21.25 -1.99 49.29	-21.14 -1.87 49.62	-17.33 -1.68 43.55	25.04 -0.41 0.00
CHAT_HIGH_FALL_HYD 323578	19.92 -0.44 0.00	19.61 -0.73 0.00	18.73 -0.76 0.00	19.96 -0.46 0.00	18.79 -0.41 0.00	20.14 -0.18 0.00	21.41 -0.10 0.00	18.70 -0.23 0.00	18.73 -0.33 0.00	17.61 -0.40 0.00	18.40 -0.61 0.00	17.91 -0.79 0.00	15.57 -0.82 0.00	-2.34 -1.16 16.35	-23.46 -1.17 38.75	-24.02 -1.29 41.76	-24.26 -1.23 41.95	-24.03 -1.44 44.43	-24.29 -1.75 49.43	-24.26 -1.70 48.60	-24.61 -1.85 52.79	-24.54 -1.75 53.14	-20.33 -1.59 46.64	25.06 -0.39 0.00
CHAUTAUQUA___LFGE 323629	21.76 1.40 0.00	21.52 1.18 0.00	20.59 1.10 0.00	21.37 0.96 0.00	20.32 1.11 0.00	21.40 1.08 0.00	22.50 0.99 0.00	19.62 0.71 0.00	19.74 0.68 0.00	18.43 0.63 0.21	19.71 0.70 0.00	19.31 0.78 0.17	16.75 0.51 0.14	15.52 0.46 0.10	16.80 0.34 0.00	14.71 0.42 4.74	19.15 0.58 0.35	22.60 0.76 0.00	27.93 1.04 0.00	27.08 1.04 0.00	31.19 1.16 0.00	31.47 1.12 0.00	28.93 1.02 0.00	26.45 1.00 0.00
CHERRYST_13_KV_LD 356241	22.07 1.71 0.00	21.92 1.57 0.00	20.85 1.35 0.00	21.66 1.25 0.00	20.44 1.23 0.00	21.76 1.44 0.00	23.22 1.71 0.00	20.61 1.69 0.00	20.90 1.84 0.00	19.99 1.98 -0.01	21.13 2.13 0.00	20.94 2.23 0.00	18.31 1.92 0.00	17.04 1.88 -0.01	18.48 2.02 -0.01	21.44 2.24 -0.17	20.97 2.02 -0.04	24.12 2.25 -0.03	29.49 2.57 -0.04	28.62 2.55 -0.04	32.88 2.81 -0.04	33.25 2.86 -0.04	30.48 2.54 -0.04	27.57 2.12 0.00
CHESTROR_138KV_BK263 355645	21.77 1.40 0.00	21.64 1.30 0.00	20.61 1.11 0.00	21.45 1.04 0.00	20.23 1.02 0.00	21.51 1.19 0.00	22.94 1.43 0.00	20.33 1.41 0.00	20.60 1.54 0.00	19.65 1.64 -0.01	20.78 1.78 0.00	20.55 1.84 0.00	17.94 1.55 0.00	16.69 1.52 -0.01	18.10 1.64 -0.01	21.04 1.83 -0.17	20.61 1.66 -0.04	23.74 1.86 -0.03	29.10 2.18 -0.04	28.25 2.18 -0.04	32.50 2.44 -0.04	32.80 2.41 -0.04	30.08 2.14 -0.04	27.18 1.73 0.00
CH_MIDHUDSON___DRP 24192	21.79 1.42 0.00	21.65 1.30 0.00	20.61 1.11 0.00	21.45 1.04 0.00	20.23 1.02 0.00	21.55 1.23 0.00	23.00 1.49 0.00	20.40 1.48 0.00	20.70 1.64 0.00	19.75 1.73 -0.01	20.90 1.89 0.00	20.68 1.97 0.00	18.06 1.67 0.00	16.79 1.63 -0.01	18.22 1.76 -0.01	21.14 1.95 -0.17	20.70 1.75 -0.04	23.83 1.95 -0.03	29.22 2.30 -0.04	28.37 2.29 -0.04	32.62 2.55 -0.04	32.90 2.52 -0.04	30.14 2.20 -0.04	27.22 1.76 0.00
CH_MISC_IPPS 23765	21.99 1.63 0.00	21.84 1.49 0.00	20.79 1.29 0.00	21.64 1.22 0.00	20.40 1.19 0.00	21.71 1.40 0.00	23.17 1.66 0.00	20.55 1.64 0.00	20.85 1.78 0.00	19.88 1.87 0.00	21.05 2.04 0.00	20.81 2.11 0.00	18.16 1.78 0.00	16.87 1.71 0.00	18.33 1.87 0.00	21.12 2.09 0.00	20.82 1.91 0.00	23.98 2.14 0.00	29.42 2.54 0.00	28.58 2.54 0.00	32.86 2.84 0.00	33.14 2.80 0.00	30.37 2.46 0.00	27.47 2.02 0.00
CH_RES_BVR_FALLS 23983	19.55 -0.81 0.00	19.63 -0.72 0.00	18.94 -0.56 0.00	19.92 -0.49 0.00	18.76 -0.45 0.00	19.52 -0.80 0.00	20.38 -1.13 0.00	17.52 -1.40 0.00	17.53 -1.54 0.00	16.64 -1.37 0.00	17.67 -1.34 0.00	17.37 -1.34 0.00	15.18 -1.21 0.00	12.55 -1.24 1.38	11.10 -1.28 4.08	17.11 -1.40 0.51	17.54 -1.37 0.00	20.24 -1.60 0.00	25.19 -1.69 0.00	24.16 -1.87 0.00	28.44 -1.58 0.00	29.64 -0.70 0.00	27.30 -0.61 0.00	25.02 -0.44 0.00



CH_RES_NIAGARA 23895	20.26 -0.10 0.00	20.12 -0.23 0.00	19.25 -0.24 0.00	20.07 -0.34 0.00	18.99 -0.22 0.00	19.94 -0.38 0.00	20.94 -0.57 0.00	18.23 -0.69 0.00	18.37 -0.69 0.00	17.04 -0.78 0.19	18.30 -0.71 0.00	17.89 -0.65 0.16	15.70 -0.56 0.13	14.58 -0.49 0.09	15.77 -0.70 0.00	13.80 -0.76 0.47	17.72 -0.86 0.33	20.74 -1.11 0.00	25.59 -1.30 0.00	24.67 -1.37 0.00	28.42 -1.61 0.00	28.64 -1.71 0.00	26.43 -1.48 0.00	24.22 -1.23 0.00
CH_RES_SYRACUSE 23985	20.66 0.30 0.00	20.60 0.26 0.00	19.68 0.18 0.00	20.58 0.16 0.00	19.37 0.16 0.00	20.43 0.11 0.00	21.61 0.10 0.00	18.99 0.07 0.00	19.16 0.10 0.00	18.06 0.05 0.00	19.04 0.03 0.00	18.77 0.07 0.00	16.42 0.03 0.00	15.22 0.07 0.00	16.50 0.04 0.00	19.09 0.06 0.00	18.99 0.08 0.00	21.95 0.11 0.00	27.01 0.13 0.00	26.17 0.13 0.00	30.20 0.17 0.00	30.47 0.12 0.00	28.00 0.09 0.00	25.54 0.08 0.00
CLINTON_WT_PWR 323605	19.93 -0.44 0.00	19.61 -0.73 0.00	18.71 -0.79 0.00	19.95 -0.46 0.00	18.78 -0.43 0.00	20.13 -0.19 0.00	21.42 -0.09 0.00	18.71 -0.21 0.00	18.77 -0.30 0.00	17.64 -0.37 0.00	18.42 -0.58 0.00	17.96 -0.75 0.00	15.61 -0.78 0.00	-1.29 -1.13 15.31	-21.04 -1.18 36.33	-21.31 -1.33 39.01	-21.54 -1.29 39.16	-21.16 -1.52 41.48	-21.09 -1.83 46.15	-21.11 -1.77 45.37	-21.25 -1.99 49.29	-21.14 -1.87 49.62	-17.33 -1.68 43.55	25.04 -0.41 0.00
CLINTON___LFGE 323618	20.06 -0.31 0.00	19.71 -0.63 0.00	18.80 -0.70 0.00	20.05 -0.36 0.00	18.85 -0.36 0.00	20.24 -0.07 0.00	21.54 0.03 0.00	18.84 -0.08 0.00	18.89 -0.18 0.00	17.74 -0.27 0.00	18.54 -0.47 0.00	18.07 -0.64 0.00	15.69 -0.70 0.00	-1.46 -1.04 15.58	-21.56 -1.06 36.96	-21.84 -1.14 39.73	-22.07 -1.09 39.89	-21.69 -1.28 42.25	-21.65 -1.52 47.01	-21.64 -1.46 46.22	-21.78 -1.61 50.20	-21.68 -1.49 50.54	-17.89 -1.44 44.36	25.21 -0.24 0.00
COBBLENY_34_KV_TB1 80064	21.14 0.78 0.00	20.97 0.62 0.00	20.03 0.54 0.00	20.88 0.48 0.00	19.71 0.49 0.00	20.72 0.40 0.00	21.85 0.34 0.00	19.09 0.17 0.00	19.23 0.17 0.00	17.83 0.02 0.21	19.13 0.12 0.00	18.62 0.09 0.17	16.27 0.02 0.14	15.13 0.08 0.11	16.36 -0.04 0.06	14.34 -0.05 0.46	18.60 -0.07 0.24	21.86 -0.10 -0.11	27.00 -0.01 -0.13	26.12 -0.04 -0.13	30.10 -0.06 -0.13	30.34 -0.14 -0.14	27.98 -0.04 -0.12	25.52 0.07 0.00
COFFEEN___115KV_TB3 355620	20.37 0.01 0.00	20.37 0.02 0.00	19.55 0.05 0.00	20.48 0.07 0.00	19.24 0.03 0.00	20.05 -0.27 0.00	20.99 -0.52 0.00	18.17 -0.75 0.00	18.03 -1.04 0.00	16.90 -1.11 0.00	17.81 -1.19 0.00	17.46 -1.24 0.00	15.24 -1.15 0.00	12.35 -1.08 1.72	9.68 -1.31 5.48	18.30 -1.43 -0.69	19.20 -1.27 -1.56	22.31 -1.18 -1.65	27.77 -0.95 -1.84	26.99 -0.85 -1.81	31.69 -0.30 -1.96	32.72 0.40 -1.98	30.00 0.36 -1.74	25.67 0.22 0.00
COLDSPRG_115KV_BK1 355956	22.17 1.81 0.00	21.94 1.60 0.00	20.98 1.49 0.00	21.80 1.38 0.00	20.69 1.48 0.00	21.80 1.48 0.00	22.94 1.43 0.00	20.07 1.16 0.00	20.25 1.18 0.00	18.99 1.09 0.11	20.20 1.19 0.00	19.86 1.25 0.09	17.22 0.91 0.07	15.94 0.85 0.06	17.19 0.79 0.06	17.63 0.96 2.36	19.89 1.05 0.07	23.20 1.25 -0.11	28.64 1.63 -0.13	27.78 1.62 -0.12	32.04 1.88 -0.13	32.32 1.84 -0.14	29.74 1.71 -0.12	27.08 1.63 0.00
COLONIE_LFGE___ 323577	21.09 0.73 0.00	21.05 0.71 0.00	20.07 0.58 0.00	20.96 0.55 0.00	19.80 0.59 0.00	21.11 0.79 0.00	22.47 0.96 0.00	19.91 0.99 0.00	20.16 1.09 0.00	19.06 1.05 0.00	20.15 1.14 0.00	19.93 1.23 0.00	17.43 1.05 0.00	16.20 1.04 0.00	17.54 1.08 0.00	20.17 1.15 0.00	19.92 1.01 0.00	22.94 1.10 0.00	28.40 1.52 0.00	27.55 1.51 0.00	31.76 1.73 0.00	31.94 1.59 0.00	29.23 1.33 0.00	26.37 0.92 0.00
COOPERNY_115KV_TB1 80082	21.64 1.28 0.00	21.53 1.19 0.00	20.51 1.02 0.00	21.37 0.96 0.00	20.14 0.93 0.00	21.40 1.08 0.00	22.79 1.28 0.00	20.18 1.26 0.00	20.44 1.37 0.00	19.46 1.44 -0.01	20.57 1.56 0.00	20.34 1.62 -0.01	17.76 1.36 0.00	16.50 1.33 -0.01	17.89 1.43 0.00	20.82 1.60 -0.19	20.42 1.46 -0.05	23.53 1.65 -0.04	28.86 1.93 -0.04	28.01 1.93 -0.04	32.23 2.16 -0.04	32.54 2.15 -0.05	29.84 1.89 -0.04	27.01 1.56 0.00
COPENHAGEN_WT_PWR 323753	20.22 -0.14 0.00	20.25 -0.09 0.00	19.44 -0.06 0.00	20.39 -0.02 0.00	19.14 -0.07 0.00	19.88 -0.44 0.00	20.75 -0.76 0.00	17.93 -0.98 0.00	17.77 -1.29 0.00	16.71 -1.30 0.00	17.62 -1.39 0.00	17.30 -1.40 0.00	15.08 -1.31 0.00	12.30 -1.24 1.62	9.85 -1.46 5.16	18.09 -1.59 -0.65	18.92 -1.46 -1.48	21.92 -1.49 -1.57	27.29 -1.34 -1.74	26.44 -1.31 -1.71	31.17 -0.72 -1.86	32.37 0.15 -1.87	29.71 0.16 -1.65	25.47 0.02 0.00
CORNELL___ 23752	21.20 0.84 0.00	21.10 0.76 0.00	20.16 0.66 0.00	21.07 0.66 0.00	19.81 0.60 0.00	20.90 0.58 0.00	22.16 0.65 0.00	19.47 0.55 0.00	19.65 0.58 0.00	18.59 0.50 -0.08	19.43 0.42 0.00	19.21 0.43 -0.07	16.75 0.31 -0.06	15.53 0.33 -0.05	16.83 0.37 0.00	21.48 0.43 -2.02	19.71 0.54 -0.26	22.71 0.74 -0.13	27.97 0.95 -0.14	27.15 0.97 -0.14	31.32 1.14 -0.15	31.59 1.09 -0.15	29.00 0.96 -0.13	26.29 0.84 0.00
CORONA_AV_69_KV_TB1 355595	22.11 1.75 0.00	21.85 1.51 0.00	20.75 1.25 0.00	21.66 1.25 0.00	20.44 1.23 0.00	21.84 1.52 0.00	23.58 2.07 0.00	20.70 1.78 0.00	20.96 1.90 0.00	20.02 2.00 -0.01	21.24 2.24 0.00	21.06 2.35 0.00	18.35 1.96 0.00	17.03 1.87 -0.01	18.51 2.04 -0.01	21.42 2.22 -0.17	20.90 1.95 -0.04	24.15 2.27 -0.03	29.69 2.77 -0.04	28.78 2.71 -0.04	33.13 3.06 -0.04	33.50 3.11 -0.04	30.57 2.63 -0.04	27.63 2.18 0.00
CORTLAND_115KV_TB3 80093	21.03 0.67 0.00	20.95 0.61 0.00	20.02 0.52 0.00	20.92 0.51 0.00	19.67 0.46 0.00	20.76 0.44 0.00	21.99 0.49 0.00	19.33 0.42 0.00	19.52 0.45 0.00	18.44 0.40 -0.03	19.37 0.36 0.00	19.11 0.38 -0.02	16.69 0.28 -0.02	15.56 0.31 -0.09	16.97 0.31 -0.19	20.22 0.39 -0.81	19.52 0.40 -0.21	22.56 0.55 -0.17	27.78 0.70 -0.19	26.95 0.73 -0.19	31.10 0.87 -0.21	31.38 0.83 -0.21	28.81 0.72 -0.18	26.08 0.63 0.00
COXSACKIE___GT 23611	21.54 1.18 0.00	21.54 1.20 0.00	20.55 1.05 0.00	21.45 1.04 0.00	20.24 1.03 0.00	21.57 1.25 0.00	22.96 1.45 0.00	20.40 1.48 0.00	20.70 1.63 0.00	19.50 1.49 0.00	20.40 1.39 0.00	20.14 1.43 0.00	17.65 1.26 0.00	16.31 1.15 0.00	17.61 1.15 0.00	20.28 1.25 0.00	20.32 1.41 0.00	23.59 1.75 0.00	29.34 2.46 0.00	28.50 2.46 0.00	32.79 2.76 0.00	32.86 2.51 0.00	30.17 2.27 0.00	27.18 1.73 0.00
CPV_VALLEY___CC1 323721	21.70 1.34 0.00	21.58 1.24 0.00	20.55 1.05 0.00	21.40 0.99 0.00	20.17 0.96 0.00	21.45 1.14 0.00	22.86 1.35 0.00	20.26 1.34 0.00	20.53 1.47 0.00	19.56 1.55 0.00	20.69 1.68 0.00	20.46 1.75 0.00	17.87 1.48 0.00	16.62 1.46 0.00	18.02 1.56 0.00	20.77 1.74 0.00	20.48 1.57 0.00	23.61 1.77 0.00	28.96 2.08 0.00	28.11 2.07 0.00	32.34 2.31 0.00	32.63 2.28 0.00	29.92 2.01 0.00	27.09 1.64 0.00



CPV_VALLEY___CC2 323722	21.70 1.34 0.00	21.58 1.24 0.00	20.55 1.05 0.00	21.40 0.99 0.00	20.17 0.96 0.00	21.45 1.14 0.00	22.86 1.35 0.00	20.26 1.34 0.00	20.53 1.47 0.00	19.56 1.55 0.00	20.69 1.68 0.00	20.46 1.75 0.00	17.87 1.48 0.00	16.62 1.46 0.00	18.02 1.56 0.00	20.77 1.74 0.00	20.48 1.57 0.00	23.61 1.77 0.00	28.96 2.08 0.00	28.11 2.07 0.00	32.34 2.31 0.00	32.63 2.28 0.00	29.92 2.01 0.00	27.09 1.64 0.00
CRESCENT___HYD 24018	21.09 0.73 0.00	21.05 0.71 0.00	20.07 0.58 0.00	20.96 0.55 0.00	19.80 0.59 0.00	21.11 0.79 0.00	22.47 0.96 0.00	19.91 0.99 0.00	20.16 1.09 0.00	19.06 1.05 0.00	20.15 1.14 0.00	19.93 1.23 0.00	17.43 1.05 0.00	16.20 1.04 0.00	17.54 1.08 0.00	20.17 1.15 0.00	19.92 1.01 0.00	22.94 1.10 0.00	28.40 1.52 0.00	27.55 1.51 0.00	31.76 1.73 0.00	31.94 1.59 0.00	29.23 1.33 0.00	26.37 0.92 0.00
CRICKET___VALLEY_CC1 323756	21.48 1.12 0.00	21.36 1.01 0.00	20.35 0.86 0.00	21.18 0.77 0.00	19.99 0.79 0.00	21.32 1.01 0.00	22.75 1.24 0.00	20.21 1.29 0.00	20.51 1.45 0.00	19.55 1.54 0.00	20.71 1.70 0.00	20.50 1.79 0.00	17.90 1.51 0.00	16.66 1.50 0.00	18.06 1.60 0.00	20.77 1.74 0.00	20.45 1.54 0.00	23.51 1.67 0.00	28.87 1.99 0.00	28.03 1.99 0.00	32.23 2.21 0.00	32.49 2.14 0.00	29.75 1.85 0.00	26.84 1.39 0.00
CRICKET___VALLEY_CC2 323757	21.48 1.12 0.00	21.36 1.01 0.00	20.35 0.86 0.00	21.18 0.77 0.00	19.99 0.79 0.00	21.32 1.01 0.00	22.75 1.24 0.00	20.21 1.29 0.00	20.51 1.45 0.00	19.55 1.54 0.00	20.71 1.70 0.00	20.50 1.79 0.00	17.90 1.51 0.00	16.66 1.50 0.00	18.06 1.60 0.00	20.77 1.74 0.00	20.45 1.54 0.00	23.51 1.67 0.00	28.87 1.99 0.00	28.03 1.99 0.00	32.23 2.21 0.00	32.49 2.14 0.00	29.75 1.85 0.00	26.84 1.39 0.00
CRICKET___VALLEY_CC3 323758	21.48 1.12 0.00	21.36 1.01 0.00	20.35 0.86 0.00	21.18 0.77 0.00	19.99 0.79 0.00	21.32 1.01 0.00	22.75 1.24 0.00	20.21 1.29 0.00	20.51 1.45 0.00	19.55 1.54 0.00	20.71 1.70 0.00	20.50 1.79 0.00	17.90 1.51 0.00	16.66 1.50 0.00	18.06 1.60 0.00	20.77 1.74 0.00	20.45 1.54 0.00	23.51 1.67 0.00	28.87 1.99 0.00	28.03 1.99 0.00	32.23 2.21 0.00	32.49 2.14 0.00	29.75 1.85 0.00	26.84 1.39 0.00
CRUCIBLE_METL_DRP 24180	20.66 0.30 0.00	20.60 0.26 0.00	19.68 0.18 0.00	20.58 0.16 0.00	19.37 0.16 0.00	20.43 0.11 0.00	21.61 0.10 0.00	18.99 0.07 0.00	19.16 0.10 0.00	18.07 0.05 -0.01	19.04 0.03 0.00	18.78 0.07 -0.01	16.42 0.03 -0.01	15.20 0.06 0.03	16.37 0.04 0.13	19.42 0.05 -0.34	19.17 0.08 -0.19	22.13 0.10 -0.18	27.21 0.12 -0.20	26.37 0.13 -0.20	30.41 0.17 -0.22	30.69 0.12 -0.22	28.18 0.09 -0.19	25.54 0.08 0.00
DAHOWA___HYDRO 323763	21.43 1.07 0.00	21.35 1.01 0.00	20.35 0.86 0.00	21.29 0.87 0.00	20.10 0.89 0.00	21.41 1.09 0.00	22.78 1.27 0.00	20.11 1.19 0.00	20.38 1.32 0.00	19.26 1.25 0.00	20.33 1.33 0.00	20.14 1.43 0.00	17.55 1.17 0.00	16.24 1.08 0.00	17.54 1.08 0.00	20.20 1.17 0.00	19.94 1.03 0.00	23.02 1.18 0.00	28.71 1.83 0.00	27.91 1.87 0.00	32.21 2.18 0.00	32.40 2.05 0.00	29.68 1.78 0.00	26.73 1.28 0.00
DANC___LFGE 323619	20.29 -0.07 0.00	20.28 -0.06 0.00	19.44 -0.06 0.00	20.36 -0.05 0.00	19.14 -0.08 0.00	19.98 -0.34 0.00	20.95 -0.56 0.00	18.21 -0.71 0.00	18.18 -0.89 0.00	17.11 -0.90 0.00	18.04 -0.97 0.00	17.76 -0.94 0.00	15.50 -0.89 0.00	13.26 -0.83 1.07	12.05 -0.99 3.42	18.41 -1.09 -0.47	18.92 -1.01 -1.02	21.90 -1.03 -1.08	27.13 -0.95 -1.21	26.33 -0.90 -1.19	30.79 -0.52 -1.29	31.63 -0.02 -1.29	29.03 -0.01 -1.14	25.36 -0.09 0.00
DANSKAMMER___1 23586	21.99 1.63 0.00	21.84 1.49 0.00	20.79 1.29 0.00	21.64 1.22 0.00	20.40 1.19 0.00	21.71 1.40 0.00	23.17 1.66 0.00	20.55 1.64 0.00	20.85 1.78 0.00	19.88 1.87 0.00	21.05 2.04 0.00	20.81 2.11 0.00	18.16 1.78 0.00	16.87 1.71 0.00	18.33 1.87 0.00	21.12 2.09 0.00	20.82 1.91 0.00	23.98 2.14 0.00	29.42 2.54 0.00	28.58 2.54 0.00	32.86 2.84 0.00	33.14 2.80 0.00	30.37 2.46 0.00	27.47 2.02 0.00
DANSKAMMER___2 23589	21.99 1.63 0.00	21.84 1.49 0.00	20.79 1.29 0.00	21.64 1.22 0.00	20.40 1.19 0.00	21.71 1.40 0.00	23.17 1.66 0.00	20.55 1.64 0.00	20.85 1.78 0.00	19.88 1.87 0.00	21.05 2.04 0.00	20.81 2.11 0.00	18.16 1.78 0.00	16.87 1.71 0.00	18.33 1.87 0.00	21.12 2.09 0.00	20.82 1.91 0.00	23.98 2.14 0.00	29.42 2.54 0.00	28.58 2.54 0.00	32.86 2.84 0.00	33.14 2.80 0.00	30.37 2.46 0.00	27.47 2.02 0.00
DANSKAMMER___3 23590	21.99 1.63 0.00	21.84 1.49 0.00	20.79 1.29 0.00	21.64 1.22 0.00	20.40 1.19 0.00	21.71 1.40 0.00	23.17 1.66 0.00	20.55 1.64 0.00	20.85 1.78 0.00	19.88 1.87 0.00	21.05 2.04 0.00	20.81 2.11 0.00	18.16 1.78 0.00	16.87 1.71 0.00	18.33 1.87 0.00	21.12 2.09 0.00	20.82 1.91 0.00	23.98 2.14 0.00	29.42 2.54 0.00	28.58 2.54 0.00	32.86 2.84 0.00	33.14 2.80 0.00	30.37 2.46 0.00	27.47 2.02 0.00
DANSKAMMER___4 23591	21.99 1.63 0.00	21.84 1.49 0.00	20.79 1.29 0.00	21.64 1.22 0.00	20.40 1.19 0.00	21.71 1.40 0.00	23.17 1.66 0.00	20.55 1.64 0.00	20.85 1.78 0.00	19.88 1.87 0.00	21.05 2.04 0.00	20.81 2.11 0.00	18.16 1.78 0.00	16.87 1.71 0.00	18.33 1.87 0.00	21.12 2.09 0.00	20.82 1.91 0.00	23.98 2.14 0.00	29.42 2.54 0.00	28.58 2.54 0.00	32.86 2.84 0.00	33.14 2.80 0.00	30.37 2.46 0.00	27.47 2.02 0.00
DANSKAMMER___DIESEL 23592	21.99 1.63 0.00	21.84 1.50 0.00	20.79 1.29 0.00	21.64 1.23 0.00	20.40 1.19 0.00	21.71 1.40 0.00	23.17 1.66 0.00	20.56 1.64 0.00	20.85 1.79 0.00	19.89 1.87 -0.01	21.05 2.04 0.00	20.82 2.11 0.00	18.16 1.77 0.00	16.88 1.72 -0.01	18.33 1.87 -0.01	21.30 2.10 -0.17	20.86 1.91 -0.04	24.03 2.15 -0.03	29.46 2.54 -0.04	28.61 2.53 -0.04	32.90 2.84 -0.04	33.18 2.79 -0.04	30.41 2.47 -0.04	27.47 2.02 0.00
DARBY___SOLAR 323810	21.39 1.03 0.00	21.32 0.98 0.00	20.33 0.83 0.00	21.26 0.84 0.00	20.06 0.85 0.00	21.38 1.06 0.00	22.74 1.23 0.00	20.09 1.17 0.00	20.35 1.29 0.00	19.25 1.23 0.00	20.33 1.32 0.00	20.12 1.41 0.00	17.56 1.17 0.00	16.26 1.10 -0.01	17.56 1.09 -0.01	20.35 1.19 -0.13	19.99 1.04 -0.04	23.06 1.19 -0.03	28.70 1.79 -0.03	27.89 1.82 -0.03	32.18 2.12 -0.03	32.37 1.99 -0.03	29.66 1.73 -0.03	26.70 1.25 0.00
DASHVILLE___HYD 23610	21.72 1.35 0.00	21.58 1.23 0.00	20.52 1.02 0.00	21.38 0.97 0.00	20.11 0.91 0.00	21.40 1.08 0.00	22.84 1.32 0.00	20.24 1.32 0.00	20.52 1.46 0.00	19.58 1.56 -0.01	20.74 1.73 0.00	20.52 1.81 0.00	17.89 1.50 0.00	16.65 1.48 -0.01	18.09 1.62 -0.01	21.01 1.81 -0.16	20.56 1.61 -0.04	23.68 1.81 -0.03	28.97 2.05 -0.04	28.13 2.05 -0.04	32.35 2.29 -0.04	32.66 2.27 -0.04	30.07 2.14 -0.04	27.27 1.82 0.00



DEERFIELD_69_KV_DEERFIELD LD 355887	22.12 1.75 0.00	21.76 1.42 0.00	20.65 1.15 0.00	21.74 1.33 0.00	20.52 1.31 0.00	22.09 1.77 0.00	23.92 2.41 0.00	21.02 2.10 0.00	21.18 2.11 0.00	20.15 2.14 -0.01	21.29 2.28 0.00	21.13 2.42 0.00	18.45 2.05 0.00	17.04 1.87 -0.01	18.54 2.07 -0.01	21.48 2.28 -0.17	21.00 2.05 -0.04	24.32 2.45 -0.03	30.25 3.33 -0.04	29.27 3.20 -0.04	33.71 3.64 -0.04	34.25 3.86 -0.04	31.09 3.15 -0.04	27.75 2.30 0.00
DELAWARE___LFGE 323621	21.39 1.03 0.00	21.32 0.98 0.00	20.34 0.84 0.00	21.27 0.86 0.00	19.99 0.78 0.00	21.18 0.86 0.00	22.47 0.96 0.00	19.83 0.91 0.00	20.04 0.97 0.00	19.01 0.99 -0.02	20.05 1.05 0.00	19.78 1.06 -0.01	17.28 0.88 -0.01	16.03 0.86 -0.01	17.36 0.91 0.00	20.46 1.04 -0.40	19.99 1.00 -0.08	23.08 1.17 -0.06	28.36 1.41 -0.07	27.53 1.42 -0.07	31.72 1.62 -0.07	32.04 1.62 -0.07	29.39 1.42 -0.06	26.67 1.22 0.00
DERFIELD_115KV_TB7 355931	20.48 0.12 0.00	20.44 0.10 0.00	19.56 0.06 0.00	20.46 0.05 0.00	19.25 0.04 0.00	20.38 0.06 0.00	21.59 0.09 0.00	19.02 0.10 0.00	19.18 0.12 0.00	18.12 0.11 0.00	19.12 0.11 0.00	18.83 0.12 0.00	16.49 0.10 0.00	15.56 0.11 -0.29	17.40 0.11 -0.83	19.41 0.12 -0.27	19.19 0.11 -0.17	22.14 0.12 -0.18	27.24 0.16 -0.20	26.39 0.16 -0.20	30.43 0.19 -0.21	30.74 0.18 -0.21	28.25 0.15 -0.18	25.56 0.11 0.00
DOGLEVILLE___HYD 23807	20.06 -0.30 0.00	19.92 -0.42 0.00	18.90 -0.60 0.00	19.74 -0.68 0.00	18.62 -0.60 0.00	19.83 -0.49 0.00	21.15 -0.36 0.00	18.77 -0.15 0.00	19.05 -0.01 0.00	17.98 -0.03 0.00	18.89 -0.11 0.00	18.61 -0.10 0.00	16.27 -0.12 0.00	15.37 -0.02 -0.23	17.03 -0.12 -0.69	18.92 -0.20 -0.09	18.71 -0.20 0.00	21.58 -0.26 0.00	26.68 -0.20 0.00	25.99 -0.05 0.00	30.23 0.20 0.00	30.65 0.30 0.00	28.12 0.21 0.00	25.35 -0.10 0.00
DUNKIRK___115KV_TB_200 55889	21.73 1.37 0.00	21.50 1.16 0.00	20.57 1.07 0.00	21.37 0.96 0.00	20.29 1.08 0.00	21.36 1.04 0.00	22.47 0.95 0.00	19.62 0.70 0.00	19.74 0.68 0.00	18.43 0.63 0.21	19.71 0.71 0.00	19.30 0.78 0.18	16.76 0.51 0.14	15.53 0.48 0.11	16.76 0.36 0.06	14.73 0.44 4.74	19.22 0.56 0.25	22.68 0.72 -0.11	28.01 1.00 -0.13	27.18 1.02 -0.13	31.29 1.13 -0.13	31.57 1.09 -0.14	29.02 1.00 -0.12	26.43 0.98 0.00
DUNKIRK___1 23563	21.73 1.37 0.00	21.50 1.16 0.00	20.57 1.07 0.00	21.37 0.96 0.00	20.29 1.08 0.00	21.36 1.04 0.00	22.47 0.95 0.00	19.62 0.70 0.00	19.74 0.68 0.00	18.43 0.63 0.21	19.71 0.71 0.00	19.30 0.78 0.18	16.76 0.51 0.14	15.53 0.48 0.11	16.76 0.36 0.06	14.73 0.44 4.74	19.22 0.56 0.25	22.68 0.72 -0.11	28.01 1.00 -0.13	27.18 1.02 -0.13	31.29 1.13 -0.13	31.57 1.09 -0.14	29.02 1.00 -0.12	26.43 0.98 0.00
DUNKIRK___2 23564	21.73 1.37 0.00	21.50 1.16 0.00	20.57 1.07 0.00	21.37 0.96 0.00	20.29 1.08 0.00	21.36 1.04 0.00	22.47 0.95 0.00	19.62 0.70 0.00	19.74 0.68 0.00	18.43 0.63 0.21	19.71 0.71 0.00	19.30 0.78 0.18	16.76 0.51 0.14	15.53 0.48 0.11	16.76 0.36 0.06	14.73 0.44 4.74	19.22 0.56 0.25	22.68 0.72 -0.11	28.01 1.00 -0.13	27.18 1.02 -0.13	31.29 1.13 -0.13	31.57 1.09 -0.14	29.02 1.00 -0.12	26.43 0.98 0.00
DUNKIRK___3 23565	21.56 1.20 0.00	21.35 1.01 0.00	20.42 0.93 0.00	21.25 0.83 0.00	20.13 0.92 0.00	21.19 0.88 0.00	22.31 0.80 0.00	19.48 0.56 0.00	19.63 0.57 0.00	18.30 0.51 0.22	19.60 0.59 0.00	19.16 0.65 0.19	16.67 0.43 0.15	15.47 0.43 0.12	16.70 0.30 0.06	14.37 0.37 5.03	19.07 0.43 0.27	22.50 0.54 -0.11	27.77 0.76 -0.13	26.93 0.77 -0.13	31.01 0.84 -0.13	31.29 0.81 -0.14	28.80 0.77 -0.12	26.22 0.77 0.00
DUNKIRK___4 23566	21.56 1.20 0.00	21.35 1.01 0.00	20.42 0.93 0.00	21.25 0.83 0.00	20.13 0.92 0.00	21.19 0.88 0.00	22.31 0.80 0.00	19.48 0.56 0.00	19.63 0.57 0.00	18.30 0.51 0.22	19.60 0.59 0.00	19.16 0.65 0.19	16.67 0.43 0.15	15.47 0.43 0.12	16.70 0.30 0.06	14.37 0.37 5.03	19.07 0.43 0.27	22.50 0.54 -0.11	27.77 0.76 -0.13	26.93 0.77 -0.13	31.01 0.84 -0.13	31.29 0.81 -0.14	28.80 0.77 -0.12	26.22 0.77 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.92 1.56 0.00	21.77 1.43 0.00	20.72 1.22 0.00	21.54 1.13 0.00	20.32 1.12 0.00	21.64 1.33 0.00	23.10 1.58 0.00	20.50 1.58 0.00	20.80 1.73 0.00	19.87 1.85 -0.01	21.02 2.01 0.00	20.82 2.10 0.00	18.19 1.80 0.00	16.93 1.76 -0.01	18.36 1.89 -0.01	21.29 2.09 -0.17	20.84 1.89 -0.04	23.99 2.12 -0.03	29.38 2.46 -0.04	28.51 2.43 -0.04	32.77 2.70 -0.04	33.08 2.70 -0.04	30.30 2.36 -0.04	27.39 1.93 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.88 1.52 0.00	21.74 1.40 0.00	20.69 1.20 0.00	21.54 1.13 0.00	20.31 1.10 0.00	21.61 1.29 0.00	23.04 1.54 0.00	20.43 1.52 0.00	20.72 1.65 0.00	19.76 1.74 -0.01	20.90 1.89 0.00	20.67 1.96 0.00	18.04 1.65 0.00	16.77 1.61 -0.01	18.20 1.74 -0.01	21.16 1.96 -0.17	20.73 1.78 -0.04	23.87 2.00 -0.03	29.26 2.34 -0.04	28.41 2.33 -0.04	32.69 2.62 -0.04	32.98 2.59 -0.04	30.24 2.30 -0.04	27.34 1.89 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	22.07 1.71 0.00	21.90 1.56 0.00	20.82 1.33 0.00	21.63 1.21 0.00	20.42 1.21 0.00	21.73 1.41 0.00	23.19 1.68 0.00	20.57 1.65 0.00	20.84 1.78 0.00	19.93 1.91 -0.01	21.07 2.07 0.00	20.87 2.17 0.00	18.24 1.85 0.00	16.97 1.81 -0.01	18.40 1.94 -0.01	21.34 2.14 -0.17	20.89 1.95 -0.04	24.06 2.18 -0.03	29.41 2.49 -0.04	28.53 2.46 -0.04	32.78 2.71 -0.04	33.19 2.80 -0.04	30.44 2.50 -0.04	27.54 2.09 0.00
E179THST_13_KV_LOAD 356214	22.16 1.79 0.00	21.98 1.64 0.00	20.90 1.40 0.00	21.69 1.28 0.00	20.48 1.27 0.00	21.80 1.48 0.00	23.27 1.76 0.00	20.64 1.72 0.00	20.92 1.86 0.00	20.00 1.98 -0.01	21.15 2.15 0.00	20.95 2.25 0.00	18.32 1.92 0.00	17.04 1.87 -0.01	18.47 2.00 -0.01	21.43 2.23 -0.17	20.98 2.03 -0.04	24.15 2.27 -0.03	29.53 2.61 -0.04	28.64 2.56 -0.04	32.91 2.85 -0.04	33.32 2.93 -0.04	30.56 2.62 -0.04	27.64 2.19 0.00
EAST HAMPTON___GT 23717	22.30 1.94 0.00	21.94 1.59 0.00	20.82 1.33 0.00	21.92 1.51 0.00	20.68 1.47 0.00	22.26 1.95 0.00	24.09 2.59 0.00	21.20 2.28 0.00	21.36 2.30 0.00	20.33 2.32 0.00	21.48 2.47 0.00	21.31 2.61 0.00	18.63 2.24 0.00	17.19 2.03 0.00	18.70 2.24 0.00	21.50 2.47 0.00	21.15 2.24 0.00	24.53 2.69 0.00	30.52 3.63 0.00	29.55 3.51 0.00	34.02 3.99 0.00	34.55 4.20 0.00	31.36 3.45 0.00	27.99 2.54 0.00
EAST RIVER___6 23660	22.06 1.70 0.00	21.90 1.56 0.00	20.84 1.35 0.00	21.65 1.24 0.00	20.44 1.23 0.00	21.75 1.44 0.00	23.20 1.69 0.00	20.61 1.69 0.00	20.90 1.84 0.00	19.98 1.97 0.00	21.13 2.12 0.00	20.93 2.22 0.00	18.30 1.92 0.00	17.04 1.88 0.00	18.48 2.02 0.00	21.25 2.22 0.00	20.92 2.01 0.00	24.08 2.24 0.00	29.45 2.57 0.00	28.59 2.56 0.00	32.84 2.81 0.00	33.21 2.86 0.00	30.45 2.54 0.00	27.57 2.12 0.00



EAST RIVER___7 23524	22.06 1.70 0.00	21.90 1.56 0.00	20.84 1.35 0.00	21.65 1.24 0.00	20.44 1.23 0.00	21.75 1.44 0.00	23.20 1.69 0.00	20.61 1.69 0.00	20.90 1.84 0.00	19.98 1.97 0.00	21.13 2.12 0.00	20.93 2.22 0.00	18.30 1.92 0.00	17.04 1.88 0.00	18.48 2.02 0.00	21.25 2.22 0.00	20.92 2.01 0.00	24.08 2.24 0.00	29.45 2.57 0.00	28.59 2.56 0.00	32.84 2.81 0.00	33.21 2.86 0.00	30.45 2.54 0.00	27.57 2.12 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.89 1.53 0.00	21.75 1.41 0.00	20.69 1.20 0.00	21.52 1.11 0.00	20.30 1.10 0.00	21.62 1.30 0.00	23.07 1.56 0.00	20.46 1.55 0.00	20.75 1.69 0.00	19.82 1.81 -0.01	20.97 1.96 0.00	20.76 2.06 0.00	18.14 1.75 0.00	16.88 1.71 -0.01	18.31 1.84 -0.01	21.24 2.04 -0.17	20.79 1.84 -0.04	23.94 2.06 -0.03	29.31 2.39 -0.04	28.45 2.38 -0.04	32.70 2.64 -0.04	33.03 2.64 -0.04	30.26 2.32 -0.04	27.35 1.90 0.00
EAST_HAMPTON___DIESEL 23722	22.30 1.95 0.00	21.94 1.59 0.00	20.83 1.33 0.00	21.92 1.51 0.00	20.69 1.48 0.00	22.27 1.95 0.00	24.11 2.60 0.00	21.20 2.29 0.00	21.36 2.30 0.00	20.33 2.32 0.00	21.49 2.48 0.00	21.32 2.61 0.00	18.64 2.25 0.00	17.19 2.03 0.00	18.70 2.24 0.00	21.50 2.47 0.00	21.15 2.24 0.00	24.54 2.70 0.00	30.52 3.64 0.00	29.56 3.52 0.00	34.02 3.99 0.00	34.56 4.22 0.00	31.36 3.46 0.00	28.00 2.55 0.00
EAST_PULASKI___ESR 323781	20.38 0.01 0.00	20.33 -0.01 0.00	19.46 -0.03 0.00	20.35 -0.06 0.00	19.15 -0.06 0.00	20.11 -0.20 0.00	21.17 -0.34 0.00	18.52 -0.40 0.00	18.61 -0.46 0.00	17.52 -0.49 0.00	18.48 -0.52 0.00	18.22 -0.49 0.00	15.92 -0.46 0.00	14.22 -0.41 0.52	14.27 -0.51 1.68	18.74 -0.58 -0.28	18.92 -0.55 -0.56	21.88 -0.56 -0.60	26.99 -0.56 -0.66	26.20 -0.49 -0.65	30.42 -0.32 -0.71	30.89 -0.17 -0.72	28.36 -0.18 -0.63	25.28 -0.17 0.00
EAST_RIVER___1 323558	22.02 1.66 0.00	21.86 1.51 0.00	20.80 1.30 0.00	21.60 1.19 0.00	20.39 1.18 0.00	21.71 1.39 0.00	23.15 1.64 0.00	20.56 1.64 0.00	20.85 1.78 0.00	19.93 1.92 0.00	21.08 2.07 0.00	20.87 2.17 0.00	18.25 1.87 0.00	16.99 1.83 0.00	18.43 1.97 0.00	21.19 2.16 0.00	20.86 1.95 0.00	24.02 2.17 0.00	29.37 2.49 0.00	28.51 2.48 0.00	32.75 2.72 0.00	33.12 2.77 0.00	30.36 2.46 0.00	27.50 2.05 0.00
EAST_RIVER___2 323559	22.06 1.70 0.00	21.90 1.56 0.00	20.84 1.35 0.00	21.65 1.24 0.00	20.44 1.23 0.00	21.75 1.44 0.00	23.20 1.69 0.00	20.61 1.69 0.00	20.90 1.84 0.00	19.98 1.97 0.00	21.13 2.12 0.00	20.93 2.22 0.00	18.30 1.92 0.00	17.04 1.88 0.00	18.48 2.02 0.00	21.25 2.22 0.00	20.92 2.01 0.00	24.08 2.24 0.00	29.45 2.57 0.00	28.59 2.56 0.00	32.84 2.81 0.00	33.21 2.86 0.00	30.45 2.54 0.00	27.57 2.12 0.00
EAST___DELAWARE_HYD 23607	21.68 1.32 0.00	21.57 1.23 0.00	20.52 1.03 0.00	21.37 0.96 0.00	20.14 0.93 0.00	21.42 1.11 0.00	22.86 1.35 0.00	20.27 1.35 0.00	20.58 1.51 0.00	19.64 1.63 0.00	20.81 1.80 0.00	20.51 1.80 0.00	17.53 1.15 0.00	16.29 1.13 0.00	17.70 1.24 0.00	20.36 1.33 0.00	20.10 1.19 0.00	23.17 1.33 0.00	28.44 1.55 0.00	27.67 1.63 0.00	32.44 2.41 0.00	32.73 2.39 0.00	30.55 2.65 0.00	27.79 2.34 0.00
EIGHT_POINT___WT_PWR 323820	21.39 1.03 0.00	21.30 0.96 0.00	20.24 0.74 0.00	20.90 0.49 0.00	19.24 0.03 0.00	20.49 0.18 0.00	21.83 0.33 0.00	18.75 -0.17 0.00	18.69 -0.37 0.00	18.42 -0.40 -0.82	18.41 -0.59 0.00	18.75 -0.64 -0.69	16.32 -0.63 -0.56	15.10 -0.45 -0.39	15.93 -0.53 0.00	37.24 -0.47 -18.67	20.31 0.03 -1.37	22.29 0.44 0.00	27.36 0.48 0.00	26.46 0.42 0.00	30.80 0.77 0.00	31.04 0.70 0.00	28.68 0.78 0.00	26.14 0.68 0.00
ELBRIDGE_115KV_TB2 80188	20.65 0.29 0.00	20.59 0.25 0.00	19.66 0.16 0.00	20.56 0.15 0.00	19.36 0.15 0.00	20.41 0.09 0.00	21.61 0.09 0.00	18.98 0.06 0.00	19.17 0.10 0.00	18.08 0.06 -0.01	19.04 0.04 0.00	18.80 0.08 -0.01	16.44 0.05 -0.01	15.21 0.07 0.02	16.40 0.05 0.11	19.50 0.06 -0.41	19.17 0.08 -0.18	22.11 0.10 -0.16	27.20 0.13 -0.18	26.34 0.12 -0.18	30.37 0.15 -0.20	30.67 0.12 -0.20	28.17 0.10 -0.17	25.52 0.07 0.00
ELEC_TRO_TEK 24086	22.00 1.64 0.00	21.75 1.41 0.00	20.65 1.16 0.00	21.57 1.16 0.00	20.35 1.14 0.00	21.75 1.43 0.00	23.48 1.97 0.00	20.62 1.70 0.00	20.89 1.82 0.00	19.98 1.96 -0.01	21.19 2.19 0.00	21.01 2.30 0.00	18.31 1.92 0.00	16.99 1.83 -0.01	18.46 1.99 -0.01	21.37 2.17 -0.17	20.85 1.90 -0.04	24.07 2.20 -0.03	29.60 2.68 -0.04	28.69 2.62 -0.04	33.02 2.96 -0.04	33.41 3.02 -0.04	30.49 2.55 -0.04	27.51 2.06 0.00
ELLENBURG_WT_PWR 323604	19.93 -0.44 0.00	19.61 -0.73 0.00	18.71 -0.79 0.00	19.95 -0.46 0.00	18.78 -0.43 0.00	20.13 -0.19 0.00	21.42 -0.09 0.00	18.71 -0.21 0.00	18.77 -0.30 0.00	17.64 -0.37 0.00	18.42 -0.58 0.00	17.96 -0.75 0.00	15.61 -0.78 0.00	-1.29 -1.13 15.31	-21.04 -1.18 36.33	-21.31 -1.33 39.01	-21.54 -1.29 39.16	-21.16 -1.52 41.48	-21.09 -1.83 46.15	-21.11 -1.77 45.37	-21.25 -1.99 49.29	-21.14 -1.87 49.62	-17.33 -1.68 43.55	25.04 -0.41 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.90 0.54 0.00	20.73 0.39 0.00	19.83 0.34 0.00	20.67 0.26 0.00	19.53 0.32 0.00	20.52 0.21 0.00	21.60 0.09 0.00	18.85 -0.07 0.00	19.00 -0.07 0.00	17.56 -0.19 0.26	18.91 -0.09 0.00	18.40 -0.08 0.22	16.11 -0.10 0.18	14.97 -0.05 0.14	16.18 -0.21 0.07	12.80 -0.26 5.97	18.29 -0.28 0.34	21.58 -0.37 -0.11	26.65 -0.36 -0.13	25.75 -0.42 -0.13	29.67 -0.50 -0.14	29.90 -0.58 -0.14	27.57 -0.46 -0.12	25.15 -0.30 0.00
EMPIRE_CC_1 323656	21.10 0.74 0.00	21.06 0.72 0.00	20.08 0.58 0.00	20.93 0.52 0.00	19.79 0.59 0.00	21.13 0.81 0.00	22.51 1.00 0.00	20.00 1.08 0.00	20.26 1.20 0.00	19.19 1.18 0.00	20.30 1.30 0.00	20.11 1.41 0.00	17.59 1.21 0.00	16.37 1.22 0.00	17.74 1.28 0.00	20.38 1.35 0.00	20.09 1.18 0.00	23.10 1.26 0.00	28.54 1.65 0.00	27.67 1.63 0.00	31.88 1.85 0.00	32.04 1.69 0.00	29.31 1.40 0.00	26.40 0.95 0.00
EMPIRE_CC_2 323658	21.10 0.74 0.00	21.06 0.72 0.00	20.08 0.58 0.00	20.93 0.52 0.00	19.79 0.59 0.00	21.13 0.81 0.00	22.51 1.00 0.00	20.00 1.08 0.00	20.26 1.20 0.00	19.19 1.18 0.00	20.30 1.30 0.00	20.11 1.41 0.00	17.59 1.21 0.00	16.37 1.22 0.00	17.74 1.28 0.00	20.38 1.35 0.00	20.09 1.18 0.00	23.10 1.26 0.00	28.54 1.65 0.00	27.67 1.63 0.00	31.88 1.85 0.00	32.04 1.69 0.00	29.31 1.40 0.00	26.40 0.95 0.00
ENORWICH_115KV_TB1 80156	21.96 1.60 0.00	21.73 1.39 0.00	20.86 1.37 0.00	21.91 1.50 0.00	20.54 1.32 0.00	21.61 1.29 0.00	22.93 1.42 0.00	20.20 1.28 0.00	20.33 1.26 0.00	19.17 1.12 -0.04	19.89 0.89 0.00	19.52 0.78 -0.04	16.98 0.56 -0.03	15.71 0.53 -0.03	16.99 0.54 0.01	20.81 0.76 -1.03	20.09 1.02 -0.16	23.30 1.36 -0.10	29.17 2.17 -0.11	28.48 2.33 -0.11	32.92 2.77 -0.12	33.15 2.68 -0.12	30.38 2.37 -0.10	27.51 2.06 0.00



ERIE_ST__34_KV_TB1-2 80199	21.35 0.99 0.00	21.17 0.83 0.00	20.24 0.74 0.00	21.11 0.70 0.00	19.93 0.72 0.00	20.96 0.64 0.00	22.08 0.57 0.00	19.29 0.37 0.00	19.46 0.39 0.00	18.05 0.26 0.22	19.39 0.39 0.00	18.92 0.41 0.19	16.55 0.31 0.15	15.39 0.35 0.12	16.61 0.21 0.06	14.29 0.26 5.00	18.85 0.20 0.27	22.14 0.18 -0.11	27.30 0.30 -0.13	26.41 0.24 -0.13	30.44 0.28 -0.13	30.70 0.22 -0.14	28.29 0.26 -0.12	25.80 0.35 0.00
ERIE_WT_PWR 323693	21.07 0.71 0.00	20.91 0.57 0.00	19.98 0.48 0.00	20.82 0.41 0.00	19.67 0.46 0.00	20.67 0.36 0.00	21.79 0.28 0.00	19.00 0.08 0.00	19.14 0.08 0.00	17.70 -0.06 0.25	19.06 0.05 0.00	18.54 0.05 0.21	16.21 -0.01 0.17	15.08 0.04 0.12	16.37 -0.10 0.00	13.19 -0.10 5.75	18.37 -0.12 0.42	21.66 -0.18 0.00	26.73 -0.15 0.00	25.82 -0.21 0.00	29.78 -0.24 0.00	30.02 -0.33 0.00	27.68 -0.23 0.00	25.37 -0.08 0.00
ESPRGFLD_115KV_TB1 80157	21.95 1.59 0.00	21.84 1.50 0.00	20.91 1.41 0.00	21.93 1.52 0.00	20.59 1.38 0.00	21.66 1.34 0.00	22.81 1.30 0.00	19.98 1.06 0.00	20.10 1.04 0.00	19.06 1.04 -0.01	20.10 1.09 0.00	19.69 0.97 -0.01	17.21 0.82 -0.01	15.87 0.70 -0.01	17.24 0.77 0.00	20.22 0.95 -0.24	20.03 1.07 -0.06	23.30 1.41 -0.04	28.57 1.64 -0.05	27.75 1.66 -0.05	32.12 2.05 -0.05	32.68 2.28 -0.05	30.00 2.05 -0.04	27.37 1.92 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.18 0.81 0.00	21.08 0.74 0.00	20.13 0.64 0.00	21.05 0.63 0.00	19.79 0.58 0.00	20.88 0.56 0.00	22.14 0.63 0.00	19.45 0.54 0.00	19.63 0.57 0.00	18.56 0.49 -0.07	19.42 0.41 0.00	19.19 0.42 -0.06	16.74 0.31 -0.05	15.52 0.32 -0.04	16.82 0.36 0.00	21.16 0.42 -1.70	19.66 0.52 -0.24	22.67 0.70 -0.13	27.94 0.91 -0.14	27.11 0.93 -0.14	31.28 1.10 -0.15	31.55 1.06 -0.15	28.97 0.93 -0.13	26.26 0.81 0.00
ETNA____115KV_TB2 80207	21.18 0.81 0.00	21.08 0.74 0.00	20.13 0.64 0.00	21.05 0.63 0.00	19.79 0.58 0.00	20.88 0.56 0.00	22.14 0.63 0.00	19.45 0.54 0.00	19.63 0.57 0.00	18.56 0.49 -0.07	19.42 0.41 0.00	19.19 0.42 -0.06	16.74 0.31 -0.05	15.52 0.32 -0.04	16.82 0.36 0.00	21.16 0.42 -1.70	19.66 0.52 -0.24	22.67 0.70 -0.13	27.94 0.91 -0.14	27.11 0.93 -0.14	31.28 1.10 -0.15	31.55 1.06 -0.15	28.97 0.93 -0.13	26.26 0.81 0.00
EUCLID____115KV_TB2 356179	20.48 0.11 0.00	20.41 0.07 0.00	19.52 0.03 0.00	20.41 0.00 0.00	19.23 0.02 0.00	20.26 -0.06 0.00	21.41 -0.10 0.00	18.81 -0.11 0.00	18.98 -0.09 0.00	17.88 -0.13 0.00	18.86 -0.15 0.00	18.59 -0.11 0.00	16.27 -0.12 0.00	15.05 -0.08 0.03	16.20 -0.12 0.14	19.05 -0.15 -0.17	18.97 -0.14 -0.20	21.90 -0.15 -0.21	26.94 -0.17 -0.23	26.11 -0.15 -0.23	30.11 -0.16 -0.25	30.38 -0.21 -0.25	27.90 -0.22 -0.22	25.28 -0.17 0.00
E_CANADA_CAP_HY 24051	22.05 1.70 0.00	21.95 1.61 0.00	21.04 1.55 0.00	22.07 1.65 0.00	20.74 1.53 0.00	21.80 1.49 0.00	22.89 1.37 0.00	20.00 1.09 0.00	20.09 1.03 0.00	19.07 1.06 0.00	20.11 1.10 0.00	19.65 0.95 0.00	17.21 0.82 0.00	15.83 0.67 0.00	17.20 0.74 0.00	19.93 0.90 0.00	19.96 1.05 0.00	23.26 1.42 0.00	28.53 1.65 0.00	27.68 1.64 0.00	32.12 2.09 0.00	32.81 2.46 0.00	30.14 2.24 0.00	27.52 2.07 0.00
E_CANADA_MHWK_HY 24050	20.06 -0.30 0.00	19.92 -0.42 0.00	18.90 -0.60 0.00	19.74 -0.68 0.00	18.62 -0.60 0.00	19.83 -0.49 0.00	21.15 -0.36 0.00	18.77 -0.15 0.00	19.05 -0.01 0.00	17.98 -0.03 0.00	18.89 -0.11 0.00	18.61 -0.10 0.00	16.27 -0.12 0.00	15.37 -0.02 -0.23	17.03 -0.12 -0.69	18.92 -0.20 -0.09	18.71 -0.20 0.00	21.58 -0.26 0.00	26.68 -0.20 0.00	25.99 -0.05 0.00	30.23 0.20 0.00	30.65 0.30 0.00	28.12 0.21 0.00	25.35 -0.10 0.00
E_FISHKILL____LBMP 23776	21.70 1.34 0.00	21.57 1.23 0.00	20.54 1.04 0.00	21.38 0.97 0.00	20.16 0.96 0.00	21.47 1.15 0.00	22.90 1.39 0.00	20.32 1.40 0.00	20.60 1.54 0.00	19.65 1.64 -0.01	20.79 1.78 0.00	20.58 1.87 0.00	17.98 1.59 0.00	16.73 1.56 -0.01	18.14 1.67 -0.01	21.04 1.85 -0.17	20.61 1.66 -0.04	23.72 1.84 -0.03	29.08 2.16 -0.04	28.22 2.15 -0.04	32.46 2.39 -0.04	32.75 2.37 -0.04	30.01 2.08 -0.04	27.11 1.66 0.00
FALCON____SEABRD_CC1 323796	20.08 -0.28 0.00	19.74 -0.60 0.00	18.82 -0.68 0.00	20.09 -0.32 0.00	18.88 -0.33 0.00	20.28 -0.04 0.00	21.58 0.07 0.00	18.86 -0.06 0.00	18.91 -0.16 0.00	17.78 -0.23 0.00	18.57 -0.43 0.00	18.11 -0.60 0.00	15.73 -0.66 0.00	-1.28 -1.00 15.44	-21.20 -1.03 36.62	-21.45 -1.13 39.35	-21.68 -1.09 39.50	-21.30 -1.30 41.84	-21.21 -1.54 46.55	-21.20 -1.47 45.77	-21.33 -1.65 49.71	-21.24 -1.54 50.05	-17.49 -1.46 43.93	25.19 -0.27 0.00
FALCON____SEABRD_CC2 323797	20.08 -0.28 0.00	19.74 -0.60 0.00	18.82 -0.68 0.00	20.09 -0.32 0.00	18.88 -0.33 0.00	20.28 -0.04 0.00	21.58 0.07 0.00	18.86 -0.06 0.00	18.91 -0.16 0.00	17.78 -0.23 0.00	18.57 -0.43 0.00	18.11 -0.60 0.00	15.73 -0.66 0.00	-1.28 -1.00 15.44	-21.20 -1.03 36.62	-21.45 -1.13 39.35	-21.68 -1.09 39.50	-21.30 -1.30 41.84	-21.21 -1.54 46.55	-21.20 -1.47 45.77	-21.33 -1.65 49.71	-21.24 -1.54 50.05	-17.49 -1.46 43.93	25.19 -0.27 0.00
FAR ROCKAWAY____4 23548	22.25 1.89 0.00	21.98 1.64 0.00	20.86 1.37 0.00	21.78 1.37 0.00	20.55 1.34 0.00	21.97 1.65 0.00	23.73 2.23 0.00	20.82 1.91 0.00	21.09 2.03 0.00	20.13 2.11 -0.01	21.36 2.36 0.00	21.19 2.48 0.00	18.46 2.06 0.00	17.13 1.96 -0.01	18.61 2.15 -0.01	21.54 2.34 -0.17	21.02 2.07 -0.04	24.30 2.43 -0.03	29.88 2.96 -0.04	28.96 2.89 -0.04	33.35 3.28 -0.04	33.72 3.33 -0.04	30.76 2.82 -0.04	27.81 2.35 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.02 1.66 0.00	21.87 1.53 0.00	20.81 1.31 0.00	21.62 1.21 0.00	20.40 1.19 0.00	21.72 1.40 0.00	23.17 1.66 0.00	20.57 1.65 0.00	20.86 1.79 0.00	19.95 1.93 -0.01	21.08 2.08 0.00	20.89 2.18 0.00	18.27 1.88 0.00	17.01 1.84 -0.01	18.44 1.97 -0.01	21.38 2.18 -0.17	20.91 1.96 -0.04	24.06 2.19 -0.03	29.42 2.49 -0.04	28.55 2.48 -0.04	32.80 2.73 -0.04	33.17 2.79 -0.04	30.41 2.47 -0.04	27.51 2.06 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.03 1.67 0.00	21.88 1.53 0.00	20.81 1.31 0.00	21.62 1.21 0.00	20.40 1.19 0.00	21.72 1.40 0.00	23.18 1.67 0.00	20.57 1.66 0.00	20.86 1.80 0.00	19.95 1.94 -0.01	21.09 2.08 0.00	20.89 2.18 0.00	18.27 1.88 0.00	17.01 1.84 -0.01	18.44 1.98 -0.01	21.38 2.18 -0.17	20.92 1.97 -0.04	24.07 2.20 -0.03	29.43 2.50 -0.04	28.56 2.48 -0.04	32.81 2.74 -0.04	33.18 2.80 -0.04	30.43 2.49 -0.04	27.52 2.07 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.02 1.66 0.00	21.86 1.52 0.00	20.80 1.30 0.00	21.61 1.20 0.00	20.39 1.18 0.00	21.71 1.39 0.00	23.16 1.65 0.00	20.56 1.64 0.00	20.85 1.78 0.00	19.94 1.93 -0.01	21.08 2.07 0.00	20.88 2.17 0.00	18.26 1.87 0.00	16.99 1.83 -0.01	18.43 1.96 -0.01	21.36 2.16 -0.17	20.91 1.96 -0.04	24.06 2.18 -0.03	29.40 2.48 -0.04	28.53 2.46 -0.04	32.78 2.71 -0.04	33.15 2.77 -0.04	30.40 2.46 -0.04	27.50 2.04 0.00



FARRAGUT___LBMP 323566	22.00 1.64 0.00	21.84 1.50 0.00	20.78 1.29 0.00	21.59 1.18 0.00	20.38 1.17 0.00	21.69 1.38 0.00	23.14 1.63 0.00	20.54 1.62 0.00	20.83 1.77 0.00	19.92 1.91 -0.01	21.06 2.05 0.00	20.86 2.16 0.00	18.24 1.85 0.00	16.99 1.82 -0.01	18.42 1.95 -0.01	21.35 2.15 -0.17	20.89 1.94 -0.04	24.04 2.16 -0.03	29.38 2.46 -0.04	28.51 2.43 -0.04	32.75 2.69 -0.04	33.13 2.74 -0.04	30.38 2.43 -0.04	27.49 2.03 0.00
FENNER___WINDPWR 24204	20.91 0.55 0.00	20.82 0.48 0.00	19.94 0.45 0.00	20.85 0.44 0.00	19.55 0.34 0.00	20.59 0.28 0.00	21.78 0.27 0.00	19.13 0.21 0.00	19.32 0.25 0.00	18.20 0.19 0.00	19.11 0.11 0.00	18.82 0.11 0.00	16.46 0.07 0.00	15.48 0.10 -0.22	17.21 0.10 -0.65	19.29 0.18 -0.08	19.09 0.18 0.00	22.11 0.26 0.00	27.35 0.46 0.00	26.55 0.51 0.00	30.73 0.71 0.00	31.06 0.72 0.00	28.53 0.62 0.00	26.00 0.55 0.00
FIBERTEK___ENERGY 23856	20.66 0.30 0.00	20.60 0.26 0.00	19.68 0.18 0.00	20.58 0.16 0.00	19.37 0.16 0.00	20.43 0.11 0.00	21.61 0.10 0.00	18.99 0.07 0.00	19.16 0.10 0.00	18.07 0.05 -0.01	19.04 0.03 0.00	18.78 0.07 -0.01	16.42 0.03 -0.01	15.20 0.06 0.03	16.37 0.04 0.13	19.42 0.05 -0.34	19.17 0.08 -0.19	22.13 0.10 -0.18	27.21 0.12 -0.20	26.37 0.13 -0.20	30.41 0.17 -0.22	30.69 0.12 -0.22	28.18 0.09 -0.19	25.54 0.08 0.00
FITZPATRICK____ 23598	20.19 -0.17 0.00	20.13 -0.21 0.00	19.26 -0.23 0.00	20.13 -0.28 0.00	18.94 -0.27 0.00	20.00 -0.31 0.00	21.14 -0.37 0.00	18.58 -0.34 0.00	18.74 -0.32 0.00	17.66 -0.35 0.00	18.62 -0.39 0.00	18.34 -0.36 0.00	16.05 -0.33 0.00	14.88 -0.28 0.00	16.13 -0.33 0.00	18.64 -0.39 0.00	18.54 -0.37 0.00	21.41 -0.44 0.00	26.34 -0.54 0.00	25.52 -0.52 0.00	29.44 -0.59 0.00	29.71 -0.63 0.00	27.31 -0.60 0.00	24.96 -0.49 0.00
FLOWRFLD_69_KV_BK1 356044	21.99 1.63 0.00	21.67 1.33 0.00	20.55 1.06 0.00	21.55 1.14 0.00	20.34 1.14 0.00	21.83 1.51 0.00	23.62 2.11 0.00	20.74 1.82 0.00	20.97 1.91 0.00	20.05 2.04 -0.01	21.19 2.18 0.00	21.02 2.31 0.00	18.34 1.95 0.00	16.96 1.80 -0.01	18.46 1.99 -0.01	21.36 2.16 -0.17	20.85 1.90 -0.04	24.12 2.25 -0.03	29.83 2.91 -0.04	28.90 2.82 -0.04	33.27 3.20 -0.04	33.75 3.36 -0.04	30.74 2.80 -0.04	27.58 2.12 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.00 1.64 0.00	21.86 1.51 0.00	20.80 1.31 0.00	21.66 1.25 0.00	20.42 1.21 0.00	21.74 1.42 0.00	23.20 1.69 0.00	20.58 1.66 0.00	20.88 1.81 0.00	19.92 1.90 -0.01	21.07 2.07 0.00	20.85 2.14 0.00	18.19 1.80 0.00	16.91 1.74 -0.01	18.37 1.90 -0.01	21.33 2.13 -0.17	20.89 1.94 -0.04	24.06 2.18 -0.03	29.50 2.58 -0.04	28.64 2.57 -0.04	32.94 2.88 -0.04	33.23 2.84 -0.04	30.44 2.50 -0.04	27.49 2.04 0.00
FORT ORANGE____ 23900	20.89 0.52 0.00	20.88 0.54 0.00	19.94 0.44 0.00	20.79 0.38 0.00	19.63 0.42 0.00	20.89 0.58 0.00	22.24 0.73 0.00	19.74 0.82 0.00	19.99 0.92 0.00	18.91 0.90 0.00	19.91 0.90 0.00	19.69 0.99 0.00	17.27 0.88 0.00	16.04 0.88 0.00	17.37 0.90 0.00	19.98 0.95 0.00	19.80 0.89 0.00	22.80 0.96 0.00	28.19 1.31 0.00	27.35 1.31 0.00	31.49 1.46 0.00	31.64 1.29 0.00	28.98 1.08 0.00	26.19 0.73 0.00
FORT_DRUM_COGEN 23780	20.26 -0.10 0.00	20.27 -0.07 0.00	19.47 -0.03 0.00	20.40 -0.01 0.00	19.15 -0.06 0.00	19.94 -0.38 0.00	20.86 -0.65 0.00	18.05 -0.87 0.00	17.91 -1.15 0.00	16.82 -1.19 0.00	17.72 -1.29 0.00	17.39 -1.31 0.00	15.18 -1.21 0.00	12.19 -1.13 1.84	9.28 -1.34 5.85	18.30 -1.47 -0.74	19.23 -1.34 -1.66	22.29 -1.31 -1.76	27.71 -1.13 -1.95	26.89 -1.07 -1.92	31.58 -0.53 -2.09	32.66 0.21 -2.10	29.95 0.20 -1.84	25.54 0.09 0.00
FPL_FAR_ROCK_GT1 24212	22.25 1.89 0.00	21.97 1.63 0.00	20.87 1.37 0.00	21.78 1.37 0.00	20.55 1.34 0.00	21.97 1.65 0.00	23.73 2.22 0.00	20.82 1.91 0.00	21.09 2.03 0.00	20.12 2.11 0.00	21.36 2.36 0.00	21.18 2.48 0.00	18.45 2.06 0.00	17.12 1.97 0.00	18.61 2.15 0.00	21.37 2.34 0.00	20.97 2.06 0.00	24.26 2.42 0.00	29.84 2.96 0.00	28.94 2.90 0.00	33.31 3.28 0.00	33.67 3.33 0.00	30.72 2.81 0.00	27.81 2.36 0.00
FPL_FAR_ROCK_GT2 23815	22.25 1.89 0.00	21.97 1.63 0.00	20.87 1.37 0.00	21.78 1.37 0.00	20.55 1.34 0.00	21.97 1.65 0.00	23.73 2.22 0.00	20.82 1.91 0.00	21.09 2.03 0.00	20.12 2.11 0.00	21.36 2.36 0.00	21.18 2.48 0.00	18.45 2.06 0.00	17.12 1.97 0.00	18.61 2.15 0.00	21.37 2.34 0.00	20.97 2.06 0.00	24.26 2.42 0.00	29.84 2.96 0.00	28.94 2.90 0.00	33.31 3.28 0.00	33.67 3.33 0.00	30.72 2.81 0.00	27.81 2.36 0.00
FRANKLIN_FALL_HYD 24054	19.86 -0.50 0.00	19.62 -0.73 0.00	18.81 -0.69 0.00	19.97 -0.44 0.00	18.80 -0.41 0.00	20.05 -0.27 0.00	21.29 -0.22 0.00	18.60 -0.32 0.00	18.64 -0.43 0.00	17.53 -0.48 0.00	18.38 -0.63 0.00	17.92 -0.78 0.00	15.62 -0.77 0.00	21.61 -1.03 -7.48	31.62 -1.05 -16.21	42.64 -1.15 -24.75	43.66 -1.07 -25.82	47.94 -1.25 -27.35	55.81 -1.50 -30.43	54.50 -1.46 -29.92	60.99 -1.54 -32.50	61.65 -1.41 -32.71	55.29 -1.34 -28.71	25.09 -0.36 0.00
FREEPORT_EQUS_GT1 23764	22.09 1.73 0.00	21.82 1.48 0.00	20.71 1.22 0.00	21.63 1.22 0.00	20.41 1.20 0.00	21.82 1.51 0.00	23.58 2.07 0.00	20.69 1.78 0.00	20.96 1.90 0.00	20.05 2.03 0.00	21.27 2.27 0.00	21.09 2.39 0.00	18.37 1.98 0.00	17.04 1.88 0.00	18.52 2.06 0.00	21.25 2.22 0.00	20.86 1.95 0.00	24.11 2.27 0.00	29.70 2.81 0.00	28.79 2.75 0.00	33.14 3.11 0.00	33.52 3.18 0.00	30.59 2.68 0.00	27.63 2.18 0.00
FREEPORT___CT2 23818	22.09 1.73 0.00	21.82 1.48 0.00	20.71 1.22 0.00	21.63 1.22 0.00	20.41 1.20 0.00	21.82 1.51 0.00	23.58 2.07 0.00	20.69 1.78 0.00	20.96 1.90 0.00	20.05 2.03 0.00	21.27 2.27 0.00	21.09 2.39 0.00	18.37 1.98 0.00	17.04 1.88 0.00	18.52 2.06 0.00	21.25 2.22 0.00	20.86 1.95 0.00	24.11 2.27 0.00	29.70 2.81 0.00	28.79 2.75 0.00	33.14 3.11 0.00	33.52 3.18 0.00	30.59 2.68 0.00	27.63 2.18 0.00
FRESHKLS_33_KV_LOAD 356253	21.92 1.56 0.00	21.88 1.53 0.00	20.81 1.32 0.00	21.61 1.20 0.00	20.40 1.19 0.00	21.71 1.40 0.00	23.17 1.66 0.00	20.55 1.64 0.00	20.83 1.76 0.00	19.90 1.88 -0.01	21.00 2.00 0.00	20.80 2.09 0.00	18.20 1.81 0.00	16.94 1.78 -0.01	18.36 1.89 -0.01	21.28 2.08 -0.17	20.86 1.91 -0.04	24.02 2.15 -0.03	29.32 2.40 -0.04	28.44 2.37 -0.04	32.58 2.51 -0.04	33.17 2.79 -0.04	30.53 2.59 -0.04	27.67 2.21 0.00
FULTON COGEN____ 23766	20.40 0.03 0.00	20.33 -0.01 0.00	19.45 -0.05 0.00	20.30 -0.10 0.00	19.13 -0.08 0.00	20.18 -0.13 0.00	21.31 -0.20 0.00	18.73 -0.19 0.00	18.89 -0.18 0.00	17.81 -0.20 0.00	18.76 -0.25 0.00	18.49 -0.21 0.00	16.18 -0.21 0.00	14.88 -0.16 0.12	15.85 -0.21 0.40	18.94 -0.24 -0.15	18.91 -0.23 -0.23	21.84 -0.24 -0.24	26.87 -0.28 -0.27	26.06 -0.25 -0.26	30.06 -0.25 -0.29	30.31 -0.33 -0.29	27.84 -0.32 -0.25	25.18 -0.27 0.00



FULTON___LFGE 323630	22.60 2.23 0.00	22.46 2.12 0.00	21.46 1.97 0.00	22.48 2.07 0.00	21.17 1.96 0.00	22.36 2.04 0.00	23.63 2.12 0.00	20.74 1.82 0.00	20.80 1.74 0.00	19.47 1.46 0.00	20.51 1.51 0.00	19.99 1.28 0.00	17.53 1.14 0.00	16.06 0.90 0.00	17.21 0.75 0.00	20.07 1.04 0.00	20.42 1.52 0.00	23.95 2.11 0.00	29.28 2.40 0.00	28.57 2.53 0.00	33.01 2.99 0.00	33.42 3.07 0.00	30.62 2.72 0.00	28.03 2.58 0.00	
G.F.CEMENT___DRP 24184	21.61 1.25 0.00	21.52 1.18 0.00	20.51 1.01 0.00	21.47 1.06 0.00	20.27 1.06 0.00	21.60 1.28 0.00	22.97 1.46 0.00	20.24 1.33 0.00	20.55 1.48 0.00	19.44 1.42 0.00	20.53 1.52 0.00	20.34 1.63 0.00	17.70 1.31 0.00	16.34 1.17 -0.01	17.58 1.11 -0.01	20.33 1.17 -0.13	19.93 0.99 -0.03	23.04 1.17 -0.03	28.89 1.98 -0.03	28.13 2.06 -0.03	32.48 2.42 -0.03	32.65 2.27 -0.03	29.94 2.01 -0.03	26.90 1.45 0.00	
GARDENVILLE___LBMP 24039	21.01 0.65 0.00	20.84 0.49 0.00	19.92 0.43 0.00	20.77 0.36 0.00	19.61 0.40 0.00	20.61 0.29 0.00	21.71 0.20 0.00	18.95 0.03 0.00	19.08 0.02 0.00	17.62 -0.10 0.29	19.00 -0.01 0.00	18.46 0.00 0.25	16.15 -0.04 0.20	15.01 0.01 0.15	16.26 -0.14 0.07	12.25 -0.17 6.60	18.34 -0.19 0.38	21.71 -0.24 -0.11	26.80 -0.21 -0.13	25.91 -0.25 -0.13	29.86 -0.31 -0.14	30.10 -0.39 -0.14	27.75 -0.28 -0.12	25.31 -0.14 0.00	
GARDNVLA_35_KV_LD 355827	21.08 0.72 0.00	20.90 0.56 0.00	19.98 0.49 0.00	20.84 0.43 0.00	19.67 0.46 0.00	20.67 0.36 0.00	21.78 0.27 0.00	19.01 0.09 0.00	19.16 0.09 0.00	17.73 -0.04 0.23	19.07 0.06 0.00	18.57 0.06 0.20	16.24 0.02 0.16	15.09 0.06 0.13	16.32 -0.07 0.06	13.61 -0.11 5.31	18.50 -0.12 0.29	21.78 -0.18 -0.11	26.89 -0.12 -0.13	25.99 -0.17 -0.13	29.95 -0.22 -0.14	30.18 -0.30 -0.14	27.82 -0.20 -0.12	25.38 -0.07 0.00	
GELCKHM___115KV_LOAD 80723	20.54 0.18 0.00	20.47 0.13 0.00	19.57 0.08 0.00	20.48 0.06 0.00	19.28 0.07 0.00	20.32 0.00 0.00	21.48 -0.03 0.00	18.87 -0.05 0.00	19.04 -0.03 0.00	17.95 -0.06 0.00	18.92 -0.08 0.00	18.66 -0.05 0.00	16.32 -0.07 0.00	15.09 -0.03 0.04	16.23 -0.06 0.16	19.19 -0.08 -0.23	19.04 -0.06 -0.19	21.98 -0.06 -0.19	27.04 -0.06 -0.22	26.20 -0.06 -0.21	29.95 -0.05 -0.23	30.22 -0.04 -0.23	30.50 -0.08 -0.23	28.00 -0.10 -0.20	25.37 -0.08 0.00
GENERAL___MILLS 23808	21.06 0.70 0.00	20.88 0.54 0.00	19.96 0.47 0.00	20.82 0.41 0.00	19.65 0.44 0.00	20.65 0.34 0.00	21.76 0.25 0.00	18.99 0.07 0.00	19.13 0.07 0.00	17.70 -0.06 0.25	19.04 0.04 0.00	18.54 0.04 0.21	16.21 0.00 0.17	15.07 0.05 0.13	16.30 -0.10 0.06	13.24 -0.13 5.66	18.45 -0.14 0.31	21.75 -0.20 -0.11	26.86 -0.15 -0.13	25.96 -0.20 -0.13	29.91 -0.25 -0.14	30.15 -0.33 -0.14	27.79 -0.23 -0.12	25.36 -0.09 0.00	
GE_PLASTICS___DRP 24183	20.89 0.53 0.00	20.87 0.53 0.00	19.91 0.42 0.00	20.78 0.37 0.00	19.60 0.39 0.00	20.83 0.51 0.00	22.16 0.65 0.00	19.63 0.71 0.00	19.87 0.81 0.00	18.83 0.82 0.00	19.84 0.84 0.00	19.62 0.92 0.00	17.19 0.79 0.00	15.97 0.80 -0.01	17.30 0.84 0.00	20.05 0.89 -0.13	19.75 0.80 -0.04	22.74 0.88 -0.03	28.03 1.12 -0.03	27.18 1.11 -0.03	31.31 1.25 -0.03	31.52 1.14 -0.03	28.90 0.96 -0.03	26.13 0.68 0.00	
GILBOA___1 23756	21.14 0.78 0.00	21.14 0.80 0.00	20.11 0.61 0.00	21.06 0.65 0.00	19.77 0.56 0.00	20.98 0.67 0.00	22.30 0.79 0.00	19.71 0.79 0.00	19.94 0.88 0.00	18.90 0.90 0.00	19.97 0.96 0.00	19.72 1.01 0.00	17.24 0.85 0.00	16.01 0.85 0.00	17.35 0.89 0.00	20.01 0.98 0.00	19.80 0.89 0.00	22.85 1.01 0.00	28.11 1.22 0.00	27.27 1.23 0.00	31.41 1.38 0.00	31.68 1.33 0.00	29.06 1.16 0.00	26.37 0.92 0.00	
GILBOA___2 23757	21.14 0.78 0.00	21.14 0.80 0.00	20.11 0.61 0.00	21.06 0.65 0.00	19.77 0.56 0.00	20.98 0.67 0.00	22.30 0.79 0.00	19.71 0.79 0.00	19.94 0.88 0.00	18.90 0.90 0.00	19.97 0.96 0.00	19.72 1.01 0.00	17.24 0.85 0.00	16.01 0.85 0.00	17.35 0.89 0.00	20.01 0.98 0.00	19.80 0.89 0.00	22.85 1.01 0.00	28.11 1.22 0.00	27.27 1.23 0.00	31.41 1.38 0.00	31.68 1.33 0.00	29.06 1.16 0.00	26.37 0.92 0.00	
GILBOA___3 23758	21.14 0.78 0.00	21.14 0.80 0.00	20.11 0.61 0.00	21.06 0.65 0.00	19.77 0.56 0.00	20.98 0.67 0.00	22.30 0.79 0.00	19.71 0.79 0.00	19.94 0.88 0.00	18.90 0.90 0.00	19.97 0.96 0.00	19.72 1.01 0.00	17.24 0.85 0.00	16.01 0.85 0.00	17.35 0.89 0.00	20.01 0.98 0.00	19.80 0.89 0.00	22.85 1.01 0.00	28.11 1.22 0.00	27.27 1.23 0.00	31.41 1.38 0.00	31.68 1.33 0.00	29.06 1.16 0.00	26.37 0.92 0.00	
GILBOA___4 23759	21.14 0.78 0.00	21.14 0.80 0.00	20.11 0.61 0.00	21.06 0.65 0.00	19.77 0.56 0.00	20.98 0.67 0.00	22.30 0.79 0.00	19.71 0.79 0.00	19.94 0.88 0.00	18.90 0.90 0.00	19.97 0.96 0.00	19.72 1.01 0.00	17.24 0.85 0.00	16.01 0.85 0.00	17.35 0.89 0.00	20.01 0.98 0.00	19.80 0.89 0.00	22.85 1.01 0.00	28.11 1.22 0.00	27.27 1.23 0.00	31.41 1.38 0.00	31.68 1.33 0.00	29.06 1.16 0.00	26.37 0.92 0.00	
GILBOA___ 23599	21.14 0.78 0.00	21.14 0.80 0.00	20.11 0.61 0.00	21.06 0.65 0.00	19.77 0.56 0.00	20.98 0.67 0.00	22.30 0.80 0.00	19.71 0.79 0.00	19.94 0.88 0.00	18.91 0.90 -0.01	19.97 0.96 0.00	19.72 1.01 0.00	17.25 0.85 0.00	16.01 0.85 -0.01	17.36 0.89 -0.01	20.19 0.98 -0.17	19.85 0.89 -0.04	22.88 1.01 -0.03	28.14 1.22 -0.04	27.30 1.23 -0.04	31.45 1.38 -0.04	31.72 1.34 -0.04	29.10 1.16 -0.04	26.37 0.92 0.00	
GINNA___ 23603	20.76 0.40 0.00	20.66 0.31 0.00	19.75 0.25 0.00	20.62 0.21 0.00	19.47 0.26 0.00	20.50 0.18 0.00	21.62 0.11 0.00	18.95 0.03 0.00	19.12 0.06 0.00	17.99 -0.02 0.00	19.04 0.03 0.00	18.75 0.05 0.00	16.42 0.04 0.00	15.23 0.07 0.00	16.44 -0.02 0.00	19.00 -0.04 0.00	18.90 -0.01 0.00	21.81 -0.03 0.00	26.86 -0.02 0.00	25.97 -0.07 0.00	29.96 -0.07 0.00	30.19 -0.16 0.00	27.76 -0.15 0.00	25.35 -0.10 0.00	
GLEN PARK___ 23778	20.31 -0.05 0.00	20.31 -0.03 0.00	19.50 0.01 0.00	20.43 0.02 0.00	19.19 -0.02 0.00	19.99 -0.33 0.00	20.93 -0.58 0.00	18.12 -0.81 0.00	17.97 -1.09 0.00	16.86 -1.15 0.00	17.77 -1.24 0.00	17.42 -1.28 0.00	15.20 -1.19 0.00	12.31 -1.11 1.74	9.60 -1.34 5.52	18.26 -1.46 -0.68	19.18 -1.31 -1.57	22.27 -1.24 -1.67	27.72 -1.02 -1.86	26.93 -0.93 -1.82	31.62 -0.39 -1.98	32.66 0.32 -1.99	29.95 0.29 -1.75	25.61 0.16 0.00	
GLENDALE_27_KV_LOAD 356172	22.13 1.76 0.00	21.97 1.63 0.00	20.90 1.40 0.00	21.70 1.29 0.00	20.48 1.28 0.00	21.81 1.49 0.00	23.27 1.76 0.00	20.66 1.74 0.00	20.95 1.89 0.00	20.04 2.02 -0.01	21.19 2.18 0.00	21.00 2.29 0.00	18.36 1.97 0.00	17.09 1.92 -0.01	18.53 2.06 -0.01	21.47 2.27 -0.17	21.02 2.06 -0.04	24.18 2.30 -0.03	29.55 2.63 -0.04	28.67 2.59 -0.04	32.93 2.87 -0.04	33.33 2.94 -0.04	30.56 2.62 -0.04	27.64 2.19 0.00	



GLENWOOD_IC_1_G5 23712	22.06 1.70 0.00	21.85 1.51 0.00	20.76 1.27 0.00	21.64 1.23 0.00	20.42 1.21 0.00	21.79 1.47 0.00	23.42 1.91 0.00	20.65 1.73 0.00	20.94 1.88 0.00	20.02 2.00 -0.01	21.22 2.21 0.00	21.03 2.32 0.00	18.35 1.96 0.00	17.05 1.88 -0.01	18.51 2.04 -0.01	21.44 2.24 -0.17	20.95 2.00 -0.04	24.16 2.29 -0.03	29.66 2.74 -0.04	28.77 2.69 -0.04	33.09 3.02 -0.04	33.45 3.06 -0.04	30.55 2.61 -0.04	27.58 2.13 0.00
GLENWOOD_IC_2_G1 23688	21.99 1.63 0.00	21.79 1.45 0.00	20.72 1.23 0.00	21.58 1.17 0.00	20.36 1.16 0.00	21.72 1.40 0.00	23.28 1.77 0.00	20.58 1.66 0.00	20.85 1.79 0.00	19.93 1.92 0.00	21.12 2.12 0.00	20.92 2.22 0.00	18.27 1.88 0.00	16.98 1.82 0.00	18.42 1.96 0.00	21.18 2.15 0.00	20.83 1.92 0.00	24.03 2.19 0.00	29.49 2.61 0.00	28.61 2.57 0.00	32.89 2.86 0.00	33.25 2.90 0.00	30.38 2.48 0.00	27.48 2.02 0.00
GLENWOOD_IC_3_G1 23689	21.99 1.63 0.00	21.79 1.45 0.00	20.72 1.23 0.00	21.58 1.17 0.00	20.36 1.16 0.00	21.72 1.40 0.00	23.28 1.77 0.00	20.58 1.66 0.00	20.85 1.79 0.00	19.93 1.92 0.00	21.12 2.12 0.00	20.92 2.22 0.00	18.27 1.88 0.00	16.98 1.82 0.00	18.42 1.96 0.00	21.18 2.15 0.00	20.83 1.92 0.00	24.03 2.19 0.00	29.49 2.61 0.00	28.61 2.57 0.00	32.89 2.86 0.00	33.25 2.90 0.00	30.38 2.48 0.00	27.48 2.02 0.00
GLENWOOD___4 23550	22.06 1.70 0.00	21.85 1.51 0.00	20.76 1.27 0.00	21.64 1.23 0.00	20.42 1.21 0.00	21.79 1.47 0.00	23.42 1.91 0.00	20.65 1.73 0.00	20.94 1.88 0.00	20.02 2.00 -0.01	21.22 2.21 0.00	21.03 2.32 0.00	18.35 1.96 0.00	17.05 1.88 -0.01	18.51 2.04 -0.01	21.44 2.24 -0.17	20.95 2.00 -0.04	24.16 2.29 -0.03	29.66 2.74 -0.04	28.77 2.69 -0.04	33.09 3.02 -0.04	33.45 3.06 -0.04	30.55 2.61 -0.04	27.58 2.13 0.00
GLENWOOD___5 23614	22.06 1.70 0.00	21.85 1.51 0.00	20.76 1.27 0.00	21.64 1.23 0.00	20.42 1.21 0.00	21.79 1.47 0.00	23.42 1.91 0.00	20.65 1.73 0.00	20.94 1.88 0.00	20.02 2.00 -0.01	21.22 2.21 0.00	21.03 2.32 0.00	18.35 1.96 0.00	17.05 1.88 -0.01	18.51 2.04 -0.01	21.44 2.24 -0.17	20.95 2.00 -0.04	24.16 2.29 -0.03	29.66 2.74 -0.04	28.77 2.69 -0.04	33.09 3.02 -0.04	33.45 3.06 -0.04	30.55 2.61 -0.04	27.58 2.13 0.00
GLOBAL GREEN_PORT_GT1 23814	22.25 1.89 0.00	21.89 1.55 0.00	20.78 1.29 0.00	21.86 1.45 0.00	20.64 1.42 0.00	22.21 1.90 0.00	24.05 2.54 0.00	21.15 2.23 0.00	21.31 2.25 0.00	20.29 2.28 0.00	21.43 2.43 0.00	21.26 2.55 0.00	18.57 2.19 0.00	17.15 1.99 0.00	18.65 2.19 0.00	21.45 2.42 0.00	21.10 2.19 0.00	24.47 2.63 0.00	30.44 3.56 0.00	29.47 3.43 0.00	33.93 3.90 0.00	34.47 4.12 0.00	31.27 3.37 0.00	27.93 2.48 0.00
GLOBE___DSASP 323697	20.23 -0.13 0.00	20.07 -0.28 0.00	19.21 -0.28 0.00	20.04 -0.37 0.00	18.96 -0.25 0.00	19.90 -0.42 0.00	20.88 -0.63 0.00	18.20 -0.72 0.00	18.34 -0.72 0.00	17.00 -0.81 0.19	18.26 -0.74 0.00	17.85 -0.69 0.16	15.67 -0.58 0.13	14.53 -0.52 0.11	15.65 -0.74 0.07	13.82 -0.85 4.36	17.74 -0.95 0.22	20.77 -1.19 -0.11	25.64 -1.37 -0.13	24.76 -1.40 -0.13	28.48 -1.69 -0.14	28.71 -1.78 -0.14	26.49 -1.53 -0.12	24.18 -1.27 0.00
GOETHSLN___LBMP 323567	21.91 1.56 0.00	21.77 1.43 0.00	20.72 1.22 0.00	21.51 1.10 0.00	20.30 1.10 0.00	21.61 1.29 0.00	23.05 1.54 0.00	20.46 1.55 0.00	20.75 1.68 0.00	19.84 1.82 -0.01	20.96 1.96 0.00	20.77 2.06 0.00	18.17 1.78 0.00	16.91 1.75 -0.01	18.33 1.86 -0.01	21.25 2.05 -0.17	20.80 1.85 -0.04	23.93 2.06 -0.03	29.25 2.33 -0.04	28.39 2.32 -0.04	32.62 2.55 -0.04	32.98 2.59 -0.04	30.24 2.30 -0.04	27.38 1.93 0.00
GOLAH___69_KV_TB 1_2 80279	21.04 0.68 0.00	20.90 0.56 0.00	19.99 0.49 0.00	20.85 0.45 0.00	19.70 0.49 0.00	20.79 0.48 0.00	21.91 0.40 0.00	19.17 0.25 0.00	19.35 0.28 0.00	18.16 0.17 0.02	19.22 0.21 0.00	18.91 0.23 0.03	16.58 0.21 0.02	15.33 0.20 0.03	16.48 0.09 0.08	18.55 0.12 0.60	19.13 0.15 -0.06	22.13 0.17 -0.12	27.29 0.27 -0.13	26.35 0.19 -0.13	30.39 0.22 -0.14	30.63 0.14 -0.14	28.18 0.15 -0.13	25.60 0.15 0.00
GOODYEAR_LAKE_HYD 323669	21.64 1.28 0.00	21.55 1.21 0.00	20.58 1.08 0.00	21.54 1.13 0.00	20.23 1.03 0.00	21.39 1.07 0.00	22.65 1.14 0.00	19.94 1.02 0.00	20.13 1.07 0.00	19.09 1.07 -0.01	20.13 1.12 0.00	19.81 1.10 -0.01	17.30 0.90 -0.01	16.02 0.85 -0.01	17.37 0.91 0.00	20.44 1.07 -0.34	20.07 1.08 -0.07	23.23 1.34 -0.05	28.53 1.59 -0.06	27.71 1.62 -0.06	31.98 1.89 -0.06	32.35 1.94 -0.06	29.68 1.71 -0.05	26.97 1.52 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.22 0.86 0.00	21.14 0.80 0.00	20.18 0.69 0.00	21.08 0.67 0.00	19.82 0.61 0.00	20.95 0.64 0.00	22.21 0.70 0.00	19.52 0.60 0.00	19.73 0.67 0.00	18.70 0.67 -0.02	19.70 0.69 0.00	19.45 0.72 -0.02	16.95 0.55 -0.02	15.76 0.59 -0.01	17.02 0.58 0.03	20.33 0.67 -0.63	19.67 0.63 -0.13	22.71 0.77 -0.09	27.92 0.93 -0.11	27.10 0.96 -0.11	31.24 1.10 -0.11	31.56 1.11 -0.11	29.00 0.99 -0.10	26.33 0.88 0.00
GOUDEY___7 23579	21.24 0.88 0.00	21.15 0.81 0.00	20.19 0.70 0.00	21.10 0.69 0.00	19.83 0.62 0.00	20.97 0.65 0.00	22.22 0.71 0.00	19.54 0.62 0.00	19.75 0.68 0.00	18.71 0.68 -0.02	19.71 0.71 0.00	19.45 0.73 -0.02	16.97 0.57 -0.02	15.77 0.60 -0.01	17.03 0.60 0.03	20.34 0.68 -0.63	19.68 0.64 -0.13	22.73 0.79 -0.09	27.95 0.96 -0.11	27.12 0.98 -0.11	31.27 1.12 -0.11	31.58 1.13 -0.11	29.02 1.02 -0.10	26.35 0.90 0.00
GOUDEY___8 23580	21.22 0.86 0.00	21.14 0.80 0.00	20.18 0.69 0.00	21.08 0.67 0.00	19.82 0.61 0.00	20.95 0.64 0.00	22.21 0.70 0.00	19.52 0.60 0.00	19.73 0.67 0.00	18.70 0.67 -0.02	19.70 0.69 0.00	19.45 0.72 -0.02	16.95 0.55 -0.02	15.76 0.59 -0.01	17.02 0.58 0.03	20.33 0.67 -0.63	19.67 0.63 -0.13	22.71 0.77 -0.09	27.92 0.93 -0.11	27.10 0.96 -0.11	31.24 1.10 -0.11	31.56 1.11 -0.11	29.00 0.99 -0.10	26.33 0.88 0.00
GOWANUS_GT1_1 24077	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT1_2 24078	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00



GOWANUS_GT1_3 24079	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT1_4 24080	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT1_5 24084	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT1_6 24111	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT1_7 24112	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT1_8 24113	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT2_1 24114	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT2_2 24115	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT2_3 24116	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT2_4 24117	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT2_5 24118	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT2_6 24119	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT2_7 24120	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT2_8 24121	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT3_1 24122	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00



GOWANUS_GT3_2 24123	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT3_3 24124	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT3_4 24125	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT3_5 24126	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT3_6 24127	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT3_7 24128	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT3_8 24129	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT4_1 24130	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT4_2 24131	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT4_3 24132	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT4_4 24133	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT4_5 24134	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT4_6 24135	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT4_7 24136	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
GOWANUS_GT4_8 24137	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.47 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00



GREENBSH_115KV_TB3 55895	20.77 0.41 0.00	20.76 0.42 0.00	19.82 0.33 0.00	20.66 0.24 0.00	19.52 0.31 0.00	20.77 0.45 0.00	22.11 0.60 0.00	19.62 0.70 0.00	19.87 0.81 0.00	18.82 0.80 0.00	19.82 0.82 0.00	19.63 0.92 0.00	17.20 0.81 0.00	15.99 0.83 -0.01	17.33 0.86 0.00	20.05 0.88 -0.13	19.73 0.79 -0.04	22.70 0.83 -0.03	28.02 1.11 -0.03	27.17 1.10 -0.03	31.29 1.23 -0.03	31.46 1.08 -0.03	28.81 0.88 -0.03	26.00 0.55 0.00
GREENDGE_115KV_TB5 80291	21.26 0.89 0.00	21.15 0.81 0.00	20.18 0.68 0.00	21.05 0.64 0.00	19.74 0.53 0.00	20.85 0.54 0.00	22.11 0.60 0.00	19.35 0.43 0.00	19.51 0.44 0.00	18.71 0.35 -0.35	19.35 0.34 0.00	19.32 0.32 -0.30	16.83 0.21 -0.24	15.61 0.29 -0.16	16.66 0.25 0.05	27.51 0.37 -8.11	20.09 0.48 -0.70	22.60 0.64 -0.12	27.80 0.78 -0.13	26.96 0.79 -0.13	31.12 0.95 -0.14	31.38 0.89 -0.14	28.83 0.80 -0.13	26.20 0.74 0.00
GREENIDGE___3 23582	21.26 0.89 0.00	21.15 0.81 0.00	20.18 0.68 0.00	21.05 0.64 0.00	19.74 0.53 0.00	20.85 0.54 0.00	22.11 0.60 0.00	19.35 0.43 0.00	19.51 0.44 0.00	18.71 0.35 -0.35	19.35 0.34 0.00	19.32 0.32 -0.30	16.83 0.21 -0.24	15.61 0.29 -0.16	16.66 0.25 0.05	27.51 0.37 -8.11	20.09 0.48 -0.70	22.60 0.64 -0.12	27.80 0.78 -0.13	26.96 0.79 -0.13	31.12 0.95 -0.14	31.38 0.89 -0.14	28.83 0.80 -0.13	26.20 0.74 0.00
GREENIDGE___4 23583	21.25 0.89 0.00	21.16 0.82 0.00	20.18 0.69 0.00	21.05 0.64 0.00	19.74 0.53 0.00	20.85 0.54 0.00	22.12 0.61 0.00	19.35 0.43 0.00	19.51 0.44 0.00	18.71 0.35 -0.35	19.35 0.34 0.00	19.32 0.32 -0.30	16.83 0.20 -0.24	15.62 0.29 -0.17	16.71 0.25 0.00	27.43 0.38 -8.02	19.98 0.48 -0.59	22.49 0.65 0.00	27.67 0.78 0.00	26.82 0.78 0.00	30.98 0.95 0.00	31.23 0.89 0.00	28.70 0.80 0.00	26.19 0.74 0.00
GREENLWN_69_KV_BK 3 55738	22.06 1.70 0.00	21.79 1.44 0.00	20.67 1.17 0.00	21.61 1.20 0.00	20.40 1.19 0.00	21.82 1.51 0.00	23.62 2.11 0.00	20.71 1.79 0.00	20.97 1.90 0.00	20.04 2.02 -0.01	21.21 2.21 0.00	21.03 2.32 0.00	18.34 1.95 0.00	17.00 1.84 -0.01	18.47 2.01 -0.01	21.37 2.17 -0.17	20.85 1.89 -0.04	24.09 2.22 -0.03	29.69 2.77 -0.04	28.76 2.69 -0.04	33.11 3.04 -0.04	33.51 3.12 -0.04	30.57 2.63 -0.04	27.59 2.13 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.08 1.72 0.00	21.95 1.61 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.46 1.26 0.00	21.79 1.47 0.00	23.25 1.74 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.02 2.00 -0.01	21.16 2.15 0.00	20.95 2.24 0.00	18.31 1.92 0.00	17.04 1.87 -0.01	18.47 2.00 -0.01	21.41 2.21 -0.17	20.96 2.01 -0.04	24.12 2.25 -0.03	29.47 2.55 -0.04	28.59 2.52 -0.04	32.82 2.75 -0.04	33.28 2.90 -0.04	30.56 2.62 -0.04	27.64 2.19 0.00
GRISSOM___SOLAR 323813	22.60 2.23 0.00	22.46 2.12 0.00	21.46 1.97 0.00	22.48 2.07 0.00	21.17 1.96 0.00	22.36 2.04 0.00	23.63 2.12 0.00	20.74 1.82 0.00	20.80 1.74 0.00	19.47 1.46 0.00	20.51 1.51 0.00	19.99 1.28 0.00	17.53 1.14 0.00	16.06 0.90 0.00	17.21 0.75 0.00	20.07 1.04 0.00	20.42 1.52 0.00	23.95 2.11 0.00	29.28 2.40 0.00	28.57 2.53 0.00	33.01 2.99 0.00	33.42 3.07 0.00	30.62 2.72 0.00	28.03 2.58 0.00
GROVEVILLE___HYD 323602	22.00 1.64 0.00	21.86 1.51 0.00	20.80 1.31 0.00	21.66 1.25 0.00	20.42 1.21 0.00	21.74 1.42 0.00	23.20 1.69 0.00	20.58 1.66 0.00	20.88 1.81 0.00	19.92 1.90 -0.01	21.07 2.07 0.00	20.85 2.14 0.00	18.19 1.80 0.00	16.91 1.74 -0.01	18.37 1.90 -0.01	21.33 2.13 -0.17	20.89 1.94 -0.04	24.06 2.18 -0.03	29.50 2.58 -0.04	28.64 2.57 -0.04	32.94 2.88 -0.04	33.23 2.84 -0.04	30.44 2.50 -0.04	27.49 2.04 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.66 0.30 0.00	20.60 0.26 0.00	19.68 0.18 0.00	20.58 0.16 0.00	19.37 0.16 0.00	20.43 0.11 0.00	21.61 0.10 0.00	18.99 0.07 0.00	19.16 0.10 0.00	18.07 0.05 -0.01	19.04 0.03 0.00	18.78 0.07 -0.01	16.42 0.03 -0.01	15.20 0.06 0.03	16.37 0.04 0.13	19.42 0.05 -0.34	19.17 0.08 -0.19	22.13 0.10 -0.18	27.21 0.12 -0.20	26.37 0.13 -0.20	30.41 0.17 -0.22	30.69 0.12 -0.22	28.18 0.09 -0.19	25.54 0.08 0.00
HAMLTNNY_34_KV_TB 80303	20.76 0.40 0.00	20.68 0.34 0.00	19.75 0.25 0.00	20.65 0.24 0.00	19.44 0.23 0.00	20.50 0.18 0.00	21.70 0.19 0.00	19.07 0.15 0.00	19.26 0.20 0.00	18.17 0.15 -0.01	19.14 0.13 0.00	18.90 0.19 -0.01	16.53 0.13 -0.01	15.30 0.16 0.02	16.48 0.13 0.11	19.57 0.15 -0.39	19.27 0.19 -0.17	22.23 0.22 -0.16	27.35 0.29 -0.18	26.48 0.27 -0.18	30.54 0.32 -0.20	30.82 0.28 -0.20	28.31 0.24 -0.17	25.64 0.19 0.00
HAMPSHIRE___PAPER_HYD 323593	19.62 -0.74 0.00	19.62 -0.72 0.00	18.95 -0.55 0.00	19.89 -0.52 0.00	18.68 -0.53 0.00	19.52 -0.79 0.00	20.53 -0.98 0.00	17.83 -1.09 0.00	17.78 -1.29 0.00	16.71 -1.29 0.00	17.64 -1.37 0.00	17.32 -1.38 0.00	15.17 -1.21 1.28	12.75 -1.13 4.76	10.41 -1.29 4.76	20.61 -1.42 -3.00	21.67 -1.33 -4.09	24.74 -1.43 -4.33	30.23 -1.48 -4.82	29.40 -1.38 -4.74	34.02 -1.16 -5.15	34.84 -0.69 -5.18	31.83 -0.62 -4.55	24.99 -0.46 0.00
HARDSCRABBLE_WT_PWR 323673	20.00 -0.36 0.00	19.83 -0.51 0.00	18.83 -0.67 0.00	19.68 -0.73 0.00	18.57 -0.64 0.00	19.73 -0.59 0.00	21.02 -0.49 0.00	18.60 -0.32 0.00	18.86 -0.20 0.00	17.81 -0.20 0.00	18.73 -0.27 0.00	18.41 -0.30 0.00	16.14 -0.25 0.00	15.23 -0.17 -0.23	16.90 -0.25 -0.69	18.78 -0.33 -0.09	18.59 -0.32 0.00	21.43 -0.42 0.00	26.46 -0.42 0.00	25.75 -0.29 0.00	30.05 0.03 0.00	30.63 0.28 0.00	28.12 0.21 0.00	25.38 -0.07 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.93 1.57 0.00	21.79 1.44 0.00	20.74 1.25 0.00	21.58 1.17 0.00	20.36 1.15 0.00	21.65 1.34 0.00	23.09 1.58 0.00	20.48 1.56 0.00	20.76 1.69 0.00	19.77 1.76 -0.01	20.91 1.91 0.00	20.69 1.98 0.00	18.06 1.67 0.00	16.80 1.63 -0.01	18.24 1.77 -0.01	21.19 1.99 -0.17	20.75 1.80 -0.04	23.90 2.03 -0.03	29.30 2.38 -0.04	28.44 2.37 -0.04	32.71 2.64 -0.04	33.00 2.61 -0.04	30.25 2.31 -0.04	27.38 1.93 0.00
HARSNRAD_115KV_TB1 81005	20.59 0.22 0.00	20.41 0.07 0.00	19.54 0.04 0.00	20.37 -0.04 0.00	19.25 0.04 0.00	20.23 -0.09 0.00	21.24 -0.27 0.00	18.53 -0.39 0.00	18.67 -0.39 0.00	17.31 -0.51 0.19	18.57 -0.44 0.00	18.16 -0.38 0.16	15.92 -0.33 0.13	14.77 -0.28 0.11	15.90 -0.49 0.07	14.11 -0.53 4.39	18.08 -0.61 0.22	21.18 -0.78 -0.11	26.15 -0.86 -0.13	25.26 -0.91 -0.13	29.07 -1.10 -0.14	29.30 -1.19 -0.14	27.02 -1.01 -0.12	24.66 -0.79 0.00
HARZA MOOSE___RIVER 24016	20.48 0.11 0.00	20.46 0.11 0.00	19.63 0.13 0.00	20.55 0.14 0.00	19.28 0.07 0.00	20.21 -0.10 0.00	21.29 -0.22 0.00	18.54 -0.38 0.00	18.56 -0.51 0.00	17.43 -0.59 0.00	18.35 -0.66 0.00	18.04 -0.67 0.00	15.77 -0.62 0.00	14.71 -0.53 -0.08	15.83 -0.61 0.03	19.41 -0.67 -1.05	19.42 -0.66 -1.17	22.43 -0.65 -1.23	27.78 -0.48 -1.37	26.89 -0.50 -1.35	31.34 -0.15 -1.47	32.13 0.31 -1.48	29.48 0.28 -1.30	25.72 0.27 0.00



HDSNBRDG_115KV_BRDG_TB1 355580	20.60 0.23 0.00	20.52 0.18 0.00	19.62 0.12 0.00	20.51 0.09 0.00	19.32 0.11 0.00	20.36 0.05 0.00	21.52 0.01 0.00	18.91 0.00 0.00	19.09 0.02 0.00	17.99 -0.02 0.00	18.98 -0.03 0.00	18.70 0.00 0.00	16.37 -0.02 0.00	15.18 0.01 -0.01	16.43 -0.02 0.01	19.22 -0.03 -0.22	19.09 -0.02 -0.19	22.04 0.00 -0.20	27.11 0.00 -0.22	26.28 0.02 -0.22	30.30 0.03 -0.24	30.56 -0.02 -0.24	28.07 -0.05 -0.21	25.43 -0.02 0.00
HELLGATE_13_KV_LD 55870	22.05 1.69 0.00	21.90 1.55 0.00	20.83 1.34 0.00	21.63 1.22 0.00	20.42 1.21 0.00	21.74 1.42 0.00	23.19 1.68 0.00	20.59 1.67 0.00	20.88 1.81 0.00	19.96 1.95 -0.01	21.11 2.10 0.00	20.91 2.20 0.00	18.29 1.90 0.00	17.02 1.85 -0.01	18.45 1.99 -0.01	21.38 2.18 -0.17	20.93 1.97 -0.04	24.08 2.21 -0.03	29.43 2.51 -0.04	28.56 2.48 -0.04	32.80 2.73 -0.04	33.19 2.80 -0.04	30.44 2.51 -0.04	27.54 2.09 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.05 1.69 0.00	21.90 1.55 0.00	20.83 1.34 0.00	21.63 1.22 0.00	20.42 1.21 0.00	21.74 1.42 0.00	23.19 1.68 0.00	20.59 1.67 0.00	20.88 1.81 0.00	19.96 1.95 -0.01	21.11 2.10 0.00	20.91 2.20 0.00	18.29 1.90 0.00	17.02 1.85 -0.01	18.45 1.99 -0.01	21.38 2.18 -0.17	20.93 1.97 -0.04	24.08 2.21 -0.03	29.43 2.51 -0.04	28.56 2.48 -0.04	32.80 2.73 -0.04	33.19 2.80 -0.04	30.44 2.51 -0.04	27.54 2.09 0.00
HEMPSTEAD____ 23647	21.99 1.63 0.00	21.73 1.39 0.00	20.64 1.15 0.00	21.54 1.13 0.00	20.33 1.12 0.00	21.72 1.41 0.00	23.43 1.92 0.00	20.60 1.68 0.00	20.87 1.81 0.00	19.97 1.96 0.00	21.18 2.17 0.00	21.00 2.29 0.00	18.30 1.91 0.00	16.98 1.82 0.00	18.44 1.98 0.00	21.18 2.15 0.00	20.80 1.89 0.00	24.03 2.19 0.00	29.56 2.68 0.00	28.66 2.62 0.00	32.97 2.95 0.00	33.35 3.00 0.00	30.45 2.54 0.00	27.50 2.05 0.00
HEWLETT__69_KV_BK3 55828	22.17 1.81 0.00	21.90 1.56 0.00	20.79 1.29 0.00	21.71 1.30 0.00	20.48 1.27 0.00	21.89 1.57 0.00	23.65 2.14 0.00	20.75 1.83 0.00	21.02 1.95 0.00	20.06 2.05 -0.01	21.29 2.28 0.00	21.11 2.41 0.00	18.39 2.00 0.00	17.07 1.90 -0.01	18.55 2.08 -0.01	21.47 2.27 -0.17	20.94 1.99 -0.04	24.21 2.33 -0.03	29.76 2.84 -0.04	28.85 2.78 -0.04	33.22 3.15 -0.04	33.59 3.20 -0.04	30.64 2.70 -0.04	27.70 2.25 0.00
HICKLING___1 23621	21.55 1.19 0.00	21.44 1.10 0.00	20.45 0.96 0.00	21.33 0.92 0.00	19.95 0.74 0.00	21.12 0.80 0.00	22.41 0.90 0.00	19.60 0.68 0.00	19.75 0.69 0.00	18.84 0.72 -0.11	19.75 0.74 0.00	19.53 0.74 -0.09	17.00 0.54 -0.07	15.83 0.62 -0.05	17.00 0.58 0.04	22.26 0.72 -2.52	19.93 0.74 -0.28	22.94 0.99 -0.11	28.21 1.21 -0.12	27.39 1.23 -0.12	31.60 1.44 -0.13	31.94 1.46 -0.13	29.37 1.35 -0.11	26.63 1.18 0.00
HICKLING___2 23622	21.55 1.19 0.00	21.44 1.10 0.00	20.45 0.96 0.00	21.33 0.92 0.00	19.95 0.74 0.00	21.12 0.80 0.00	22.41 0.90 0.00	19.60 0.68 0.00	19.75 0.69 0.00	18.84 0.72 -0.11	19.75 0.74 0.00	19.53 0.74 -0.09	17.00 0.54 -0.07	15.83 0.62 -0.05	17.00 0.58 0.04	22.26 0.72 -2.52	19.93 0.74 -0.28	22.94 0.99 -0.11	28.21 1.21 -0.12	27.39 1.23 -0.12	31.60 1.44 -0.13	31.94 1.46 -0.13	29.37 1.35 -0.11	26.63 1.18 0.00
HIGH FALLS___HY 23754	22.14 1.78 0.00	21.96 1.62 0.00	20.89 1.39 0.00	21.74 1.33 0.00	20.47 1.26 0.00	21.77 1.45 0.00	23.24 1.73 0.00	20.61 1.69 0.00	20.91 1.85 0.00	19.90 1.89 -0.01	21.09 2.08 0.00	20.85 2.14 0.00	18.09 1.70 0.00	16.82 1.65 -0.01	18.27 1.80 -0.01	21.23 2.03 -0.17	20.81 1.86 -0.04	23.97 2.10 -0.03	29.30 2.38 -0.04	28.50 2.42 -0.04	32.92 2.85 -0.04	33.24 2.85 -0.04	30.61 2.67 -0.04	27.81 2.36 0.00
HILLBURN___GT 23639	21.90 1.54 0.00	21.75 1.41 0.00	20.71 1.22 0.00	21.54 1.13 0.00	20.32 1.11 0.00	21.62 1.31 0.00	23.06 1.55 0.00	20.45 1.53 0.00	20.73 1.66 0.00	19.72 1.71 0.00	20.87 1.86 0.00	20.65 1.95 0.00	18.05 1.66 0.00	16.80 1.64 0.00	18.23 1.77 0.00	20.98 1.95 0.00	20.65 1.75 0.00	23.81 1.97 0.00	29.17 2.29 0.00	28.32 2.28 0.00	32.55 2.52 0.00	32.84 2.49 0.00	30.12 2.21 0.00	27.33 1.88 0.00
HILLSIDE_115KV_TB1 80332	21.32 0.95 0.00	21.21 0.87 0.00	20.25 0.75 0.00	21.14 0.73 0.00	19.81 0.60 0.00	20.96 0.64 0.00	22.23 0.72 0.00	19.48 0.57 0.00	19.68 0.62 0.00	18.75 0.64 -0.09	19.68 0.67 0.00	19.49 0.70 -0.08	16.95 0.50 -0.06	15.79 0.59 -0.04	16.96 0.54 0.04	21.89 0.64 -2.22	19.76 0.59 -0.26	22.72 0.77 -0.10	27.91 0.91 -0.12	27.12 0.97 -0.12	31.26 1.10 -0.13	31.62 1.15 -0.13	29.08 1.07 -0.11	26.42 0.97 0.00
HISHELDN_WT_PWR 323625	20.98 0.62 0.00	20.84 0.50 0.00	19.86 0.37 0.00	20.69 0.28 0.00	19.44 0.23 0.00	20.42 0.10 0.00	21.65 0.14 0.00	18.86 -0.06 0.00	18.94 -0.12 0.00	17.07 -0.28 0.66	18.72 -0.29 0.00	17.82 -0.32 0.56	15.55 -0.39 0.45	14.57 -0.27 0.32	16.08 -0.38 0.00	3.41 -0.40 15.22	17.49 -0.31 1.12	21.58 -0.26 0.00	26.66 -0.23 0.00	25.79 -0.25 0.00	29.77 -0.26 0.00	30.03 -0.32 0.00	27.71 -0.20 0.00	25.34 -0.11 0.00
HOLTSVILLE_IC_1 23690	21.90 1.54 0.00	21.58 1.24 0.00	20.48 0.98 0.00	21.47 1.06 0.00	20.27 1.06 0.00	21.74 1.43 0.00	23.52 2.01 0.00	20.65 1.73 0.00	20.87 1.81 0.00	19.92 1.91 0.00	21.06 2.06 0.00	20.89 2.18 0.00	18.22 1.84 0.00	16.85 1.69 0.00	18.33 1.87 0.00	21.04 2.01 0.00	20.65 1.74 0.00	23.90 2.06 0.00	29.56 2.68 0.00	28.64 2.60 0.00	32.97 2.94 0.00	33.46 3.11 0.00	30.48 2.58 0.00	27.42 1.97 0.00
HOLTSVILLE_IC_10 23699	21.96 1.60 0.00	21.63 1.29 0.00	20.52 1.03 0.00	21.53 1.12 0.00	20.32 1.11 0.00	21.80 1.49 0.00	23.59 2.08 0.00	20.72 1.80 0.00	20.94 1.88 0.00	20.00 1.99 0.00	21.14 2.14 0.00	20.97 2.27 0.00	18.30 1.91 0.00	16.91 1.75 0.00	18.40 1.94 0.00	21.13 2.10 0.00	20.75 1.84 0.00	24.02 2.18 0.00	29.74 2.85 0.00	28.81 2.77 0.00	33.17 3.14 0.00	33.66 3.31 0.00	30.64 2.74 0.00	27.51 2.06 0.00
HOLTSVILLE_IC_2 23691	21.90 1.54 0.00	21.58 1.24 0.00	20.48 0.98 0.00	21.47 1.06 0.00	20.27 1.06 0.00	21.74 1.43 0.00	23.52 2.01 0.00	20.65 1.73 0.00	20.87 1.81 0.00	19.92 1.91 0.00	21.06 2.06 0.00	20.89 2.18 0.00	18.22 1.84 0.00	16.85 1.69 0.00	18.33 1.87 0.00	21.04 2.01 0.00	20.65 1.74 0.00	23.90 2.06 0.00	29.56 2.68 0.00	28.64 2.60 0.00	32.97 2.94 0.00	33.46 3.11 0.00	30.48 2.58 0.00	27.42 1.97 0.00
HOLTSVILLE_IC_3 23692	21.90 1.54 0.00	21.58 1.24 0.00	20.48 0.98 0.00	21.47 1.06 0.00	20.27 1.06 0.00	21.74 1.43 0.00	23.52 2.01 0.00	20.65 1.73 0.00	20.87 1.81 0.00	19.92 1.91 0.00	21.06 2.06 0.00	20.89 2.18 0.00	18.22 1.84 0.00	16.85 1.69 0.00	18.33 1.87 0.00	21.04 2.01 0.00	20.65 1.74 0.00	23.90 2.06 0.00	29.56 2.68 0.00	28.64 2.60 0.00	32.97 2.94 0.00	33.46 3.11 0.00	30.48 2.58 0.00	27.42 1.97 0.00



HOLTSVILLE_IC_4 23693	21.90 1.54 0.00	21.58 1.24 0.00	20.48 0.98 0.00	21.47 1.06 0.00	20.27 1.06 0.00	21.74 1.43 0.00	23.52 2.01 0.00	20.65 1.73 0.00	20.87 1.81 0.00	19.92 1.91 0.00	21.06 2.06 0.00	20.89 2.18 0.00	18.22 1.84 0.00	16.85 1.69 0.00	18.33 1.87 0.00	21.04 2.01 0.00	20.65 1.74 0.00	23.90 2.06 0.00	29.56 2.68 0.00	28.64 2.60 0.00	32.97 2.94 0.00	33.46 3.11 0.00	30.48 2.58 0.00	27.42 1.97 0.00
HOLTSVILLE_IC_5 23694	21.90 1.54 0.00	21.58 1.24 0.00	20.48 0.98 0.00	21.47 1.06 0.00	20.27 1.06 0.00	21.74 1.43 0.00	23.52 2.01 0.00	20.65 1.73 0.00	20.87 1.81 0.00	19.92 1.91 0.00	21.06 2.06 0.00	20.89 2.18 0.00	18.22 1.84 0.00	16.85 1.69 0.00	18.33 1.87 0.00	21.04 2.01 0.00	20.65 1.74 0.00	23.90 2.06 0.00	29.56 2.68 0.00	28.64 2.60 0.00	32.97 2.94 0.00	33.46 3.11 0.00	30.48 2.58 0.00	27.42 1.97 0.00
HOLTSVILLE_IC_6 23695	21.96 1.60 0.00	21.63 1.29 0.00	20.52 1.03 0.00	21.53 1.12 0.00	20.32 1.11 0.00	21.80 1.49 0.00	23.59 2.08 0.00	20.72 1.80 0.00	20.94 1.88 0.00	20.00 1.99 0.00	21.14 2.14 0.00	20.97 2.27 0.00	18.30 1.91 0.00	16.91 1.75 0.00	18.40 1.94 0.00	21.13 2.10 0.00	20.75 1.84 0.00	24.02 2.18 0.00	29.74 2.85 0.00	28.81 2.77 0.00	33.17 3.14 0.00	33.66 3.31 0.00	30.64 2.74 0.00	27.51 2.06 0.00
HOLTSVILLE_IC_7 23696	21.96 1.60 0.00	21.63 1.29 0.00	20.52 1.03 0.00	21.53 1.12 0.00	20.32 1.11 0.00	21.80 1.49 0.00	23.59 2.08 0.00	20.72 1.80 0.00	20.94 1.88 0.00	20.00 1.99 0.00	21.14 2.14 0.00	20.97 2.27 0.00	18.30 1.91 0.00	16.91 1.75 0.00	18.40 1.94 0.00	21.13 2.10 0.00	20.75 1.84 0.00	24.02 2.18 0.00	29.74 2.85 0.00	28.81 2.77 0.00	33.17 3.14 0.00	33.66 3.31 0.00	30.64 2.74 0.00	27.51 2.06 0.00
HOLTSVILLE_IC_8 23697	21.96 1.60 0.00	21.63 1.29 0.00	20.52 1.03 0.00	21.53 1.12 0.00	20.32 1.11 0.00	21.80 1.49 0.00	23.59 2.08 0.00	20.72 1.80 0.00	20.94 1.88 0.00	20.00 1.99 0.00	21.14 2.14 0.00	20.97 2.27 0.00	18.30 1.91 0.00	16.91 1.75 0.00	18.40 1.94 0.00	21.13 2.10 0.00	20.75 1.84 0.00	24.02 2.18 0.00	29.74 2.85 0.00	28.81 2.77 0.00	33.17 3.14 0.00	33.66 3.31 0.00	30.64 2.74 0.00	27.51 2.06 0.00
HOLTSVILLE_IC_9 23698	21.96 1.60 0.00	21.63 1.29 0.00	20.52 1.03 0.00	21.53 1.12 0.00	20.32 1.11 0.00	21.80 1.49 0.00	23.59 2.08 0.00	20.72 1.80 0.00	20.94 1.88 0.00	20.00 1.99 0.00	21.14 2.14 0.00	20.97 2.27 0.00	18.30 1.91 0.00	16.91 1.75 0.00	18.40 1.94 0.00	21.13 2.10 0.00	20.75 1.84 0.00	24.02 2.18 0.00	29.74 2.85 0.00	28.81 2.77 0.00	33.17 3.14 0.00	33.66 3.31 0.00	30.64 2.74 0.00	27.51 2.06 0.00
HOMER_HL_115KV_TB2 355744	21.92 1.56 0.00	21.79 1.45 0.00	20.82 1.33 0.00	21.69 1.28 0.00	20.47 1.25 0.00	21.57 1.25 0.00	22.78 1.27 0.00	19.94 1.02 0.00	20.18 1.12 0.00	18.99 1.03 0.05	20.16 1.15 0.00	19.81 1.15 0.05	17.21 0.86 0.04	16.03 0.91 0.04	17.24 0.83 0.06	18.87 0.98 1.14	19.81 0.88 -0.02	22.96 1.00 -0.11	28.26 1.25 -0.12	27.38 1.22 -0.12	31.64 1.48 -0.13	31.97 1.49 -0.13	29.50 1.48 -0.12	26.90 1.45 0.00
HOWARD_WT_PWR 323690	21.41 1.05 0.00	21.34 1.00 0.00	20.27 0.77 0.00	20.93 0.52 0.00	19.24 0.03 0.00	20.50 0.19 0.00	21.86 0.35 0.00	18.78 -0.14 0.00	18.72 -0.34 0.00	18.38 -0.38 -0.75	18.42 -0.58 0.00	18.69 -0.64 -0.63	16.27 -0.62 -0.51	15.07 -0.45 -0.36	15.94 -0.52 0.00	35.70 -0.45 -17.11	20.23 0.07 -1.25	22.33 0.49 0.00	27.41 0.53 0.00	26.48 0.44 0.00	30.86 0.83 0.00	31.09 0.74 0.00	28.71 0.80 0.00	26.18 0.73 0.00
HQ_GEN_CEDARS 23644	19.85 -0.51 0.00	19.87 -0.47 0.00	19.30 -0.20 0.00	20.27 -0.14 0.00	19.08 -0.13 0.00	19.99 -0.33 0.00	21.10 -0.41 0.00	18.46 -0.46 0.00	18.49 -0.58 0.00	17.40 -0.61 0.00	18.44 -0.57 0.00	18.11 -0.59 0.00	15.92 -0.46 0.00	13.75 -0.52 0.89	12.84 -0.52 3.11	19.84 -0.52 -1.33	20.43 -0.44 -1.97	23.41 -0.51 -2.08	28.60 -0.60 -2.32	27.70 -0.61 -2.28	31.89 -0.61 -2.47	32.35 -0.49 -2.49	29.65 -0.44 -2.18	25.25 -0.20 0.00
HQ_GEN_CEDARS_PROXY 323590	19.85 -0.51 0.00	19.87 -0.47 0.00	19.30 -0.20 0.00	20.27 -0.14 0.00	19.08 -0.13 0.00	19.99 -0.33 0.00	21.10 -0.41 0.00	18.46 -0.46 0.00	18.49 -0.58 0.00	17.40 -0.61 0.00	18.44 -0.57 0.00	18.11 -0.59 0.00	15.92 -0.46 0.00	13.74 -0.52 0.89	12.83 -0.52 3.11	19.84 -0.52 -1.33	20.44 -0.44 -1.97	23.41 -0.51 -2.08	28.59 -0.61 -2.32	27.70 -0.62 -2.28	31.89 -0.61 -2.47	32.34 -0.49 -2.49	29.65 -0.44 -2.18	25.26 -0.20 0.00
HQ_GEN_IMPORT 323601	19.97 -0.39 0.00	19.99 -0.35 0.00	19.24 -0.25 0.00	20.19 -0.21 0.00	19.01 -0.20 0.00	20.08 -0.23 0.00	21.23 -0.28 0.00	18.62 -0.30 0.00	18.71 -0.36 0.00	17.64 -0.37 0.00	18.63 -0.38 0.00	18.28 -0.42 0.00	16.05 -0.34 0.00	14.47 -0.38 0.31	15.16 -0.36 0.93	18.52 -0.39 0.12	18.57 -0.34 0.00	21.46 -0.39 0.00	26.41 -0.48 0.00	25.55 -0.49 0.00	29.46 -0.57 0.00	29.83 -0.52 0.00	27.48 -0.43 0.00	25.16 -0.29 0.00
HQ_GEN_WHEEL 23651	19.97 -0.39 0.00	19.99 -0.35 0.00	19.24 -0.25 0.00	20.19 -0.21 0.00	19.01 -0.20 0.00	20.08 -0.23 0.00	21.23 -0.28 0.00	18.62 -0.30 0.00	18.71 -0.36 0.00	17.64 -0.37 0.00	18.63 -0.38 0.00	18.28 -0.42 0.00	16.05 -0.34 0.00	14.47 -0.38 0.31	15.16 -0.36 0.93	18.52 -0.39 0.12	18.57 -0.34 0.00	21.46 -0.39 0.00	26.41 -0.48 0.00	25.55 -0.49 0.00	29.46 -0.57 0.00	29.83 -0.52 0.00	27.48 -0.43 0.00	25.16 -0.29 0.00
HUDSON_AVE_GT_3 23810	22.03 1.67 0.00	21.88 1.53 0.00	20.81 1.32 0.00	21.61 1.20 0.00	20.40 1.19 0.00	21.71 1.40 0.00	23.16 1.65 0.00	20.56 1.65 0.00	20.86 1.79 0.00	19.94 1.93 0.00	21.08 2.07 0.00	20.88 2.18 0.00	18.27 1.88 0.00	17.00 1.84 0.00	18.43 1.97 0.00	21.20 2.17 0.00	20.86 1.95 0.00	24.02 2.18 0.00	29.38 2.49 0.00	28.52 2.48 0.00	32.76 2.73 0.00	33.13 2.78 0.00	30.38 2.48 0.00	27.52 2.07 0.00
HUDSON_AVE_GT_4 23540	22.03 1.67 0.00	21.88 1.53 0.00	20.81 1.32 0.00	21.61 1.20 0.00	20.40 1.19 0.00	21.71 1.40 0.00	23.16 1.65 0.00	20.56 1.65 0.00	20.86 1.79 0.00	19.94 1.93 0.00	21.08 2.07 0.00	20.88 2.18 0.00	18.27 1.88 0.00	17.00 1.84 0.00	18.43 1.97 0.00	21.20 2.17 0.00	20.86 1.95 0.00	24.02 2.18 0.00	29.38 2.49 0.00	28.52 2.48 0.00	32.76 2.73 0.00	33.13 2.78 0.00	30.38 2.48 0.00	27.52 2.07 0.00
HUDSON_AVE_GT_5 23657	22.03 1.67 0.00	21.88 1.53 0.00	20.81 1.32 0.00	21.61 1.20 0.00	20.40 1.19 0.00	21.71 1.40 0.00	23.16 1.65 0.00	20.56 1.65 0.00	20.86 1.79 0.00	19.94 1.93 0.00	21.08 2.07 0.00	20.88 2.18 0.00	18.27 1.88 0.00	17.00 1.84 0.00	18.43 1.97 0.00	21.20 2.17 0.00	20.86 1.95 0.00	24.02 2.18 0.00	29.38 2.49 0.00	28.52 2.48 0.00	32.76 2.73 0.00	33.13 2.78 0.00	30.38 2.48 0.00	27.52 2.07 0.00



HUDSON_AVE_10 24168	21.99 1.63 0.00	21.85 1.50 0.00	20.78 1.28 0.00	21.56 1.15 0.00	20.34 1.13 0.00	21.66 1.34 0.00	23.12 1.62 0.00	20.51 1.60 0.00	20.81 1.74 0.00	19.90 1.88 -0.01	21.00 2.00 0.00	20.82 2.11 0.00	18.21 1.82 0.00	16.94 1.77 -0.01	18.36 1.89 -0.01	21.29 2.09 -0.17	20.84 1.88 -0.04	23.97 2.09 -0.03	29.29 2.37 -0.04	28.43 2.35 -0.04	32.65 2.59 -0.04	33.06 2.67 -0.04	30.35 2.40 -0.04	27.45 2.00 0.00
HUDSON___115KV_TB 4 355613	21.22 0.86 0.00	21.22 0.87 0.00	20.25 0.76 0.00	21.12 0.71 0.00	19.92 0.71 0.00	21.22 0.90 0.00	22.58 1.07 0.00	20.04 1.12 0.00	20.31 1.25 0.00	19.19 1.17 0.00	20.13 1.12 0.00	19.89 1.18 0.00	17.46 1.07 0.00	16.18 1.01 -0.01	17.50 1.03 -0.01	20.31 1.14 -0.14	20.12 1.18 -0.04	23.21 1.34 -0.03	28.76 1.84 -0.03	27.91 1.84 -0.03	32.14 2.08 -0.03	32.25 1.87 -0.03	29.58 1.64 -0.03	26.67 1.21 0.00
HUNTER MOUNT___DRP 323613	21.18 0.82 0.00	21.20 0.86 0.00	20.23 0.74 0.00	21.11 0.70 0.00	19.92 0.71 0.00	21.23 0.91 0.00	22.58 1.07 0.00	20.04 1.12 0.00	20.32 1.25 0.00	19.18 1.17 0.00	20.11 1.10 0.00	19.86 1.15 0.00	17.43 1.04 0.00	16.13 0.97 -0.01	17.45 0.98 -0.01	20.23 1.06 -0.14	20.09 1.14 -0.04	23.21 1.34 -0.03	28.82 1.90 -0.03	27.97 1.90 -0.03	32.20 2.14 -0.03	32.28 1.90 -0.03	29.66 1.73 -0.03	26.70 1.25 0.00
HUNTINGTON_RES_REC 323705	22.00 1.64 0.00	21.70 1.36 0.00	20.58 1.09 0.00	21.55 1.14 0.00	20.34 1.14 0.00	21.79 1.47 0.00	23.58 2.07 0.00	20.70 1.78 0.00	20.95 1.89 0.00	20.03 2.02 0.00	21.19 2.18 0.00	21.00 2.30 0.00	18.33 1.94 0.00	16.96 1.80 0.00	18.44 1.98 0.00	21.18 2.14 0.00	20.79 1.87 0.00	24.06 2.22 0.00	29.71 2.83 0.00	28.80 2.76 0.00	33.15 3.13 0.00	33.59 3.24 0.00	30.61 2.71 0.00	27.56 2.11 0.00
HUNTLEY___63 23557	20.80 0.44 0.00	20.62 0.27 0.00	19.73 0.23 0.00	20.57 0.16 0.00	19.44 0.24 0.00	20.43 0.11 0.00	21.47 -0.04 0.00	18.73 -0.19 0.00	18.87 -0.19 0.00	17.49 -0.32 0.21	18.78 -0.23 0.00	18.34 -0.19 0.18	16.08 -0.16 0.14	14.92 -0.12 0.11	16.09 -0.31 0.07	14.01 -0.34 4.68	18.26 -0.41 0.24	21.41 -0.55 -0.11	26.43 -0.58 -0.13	25.53 -0.63 -0.13	29.40 -0.77 -0.14	29.62 -0.86 -0.14	27.31 -0.72 -0.12	24.94 -0.51 0.00
HUNTLEY___64 23558	20.80 0.44 0.00	20.62 0.27 0.00	19.73 0.23 0.00	20.57 0.16 0.00	19.44 0.24 0.00	20.43 0.11 0.00	21.47 -0.04 0.00	18.73 -0.19 0.00	18.87 -0.19 0.00	17.49 -0.32 0.21	18.78 -0.23 0.00	18.34 -0.19 0.18	16.08 -0.16 0.14	14.92 -0.12 0.11	16.09 -0.31 0.07	14.01 -0.34 4.68	18.26 -0.41 0.24	21.41 -0.55 -0.11	26.43 -0.58 -0.13	25.53 -0.63 -0.13	29.40 -0.77 -0.14	29.62 -0.86 -0.14	27.31 -0.72 -0.12	24.94 -0.51 0.00
HUNTLEY___65 23559	20.80 0.44 0.00	20.62 0.27 0.00	19.73 0.23 0.00	20.57 0.16 0.00	19.44 0.24 0.00	20.43 0.11 0.00	21.47 -0.04 0.00	18.73 -0.19 0.00	18.87 -0.19 0.00	17.49 -0.32 0.21	18.78 -0.23 0.00	18.34 -0.19 0.18	16.08 -0.16 0.14	14.92 -0.12 0.11	16.09 -0.31 0.07	14.01 -0.34 4.68	18.26 -0.41 0.24	21.41 -0.55 -0.11	26.43 -0.58 -0.13	25.53 -0.63 -0.13	29.40 -0.77 -0.14	29.62 -0.86 -0.14	27.31 -0.72 -0.12	24.94 -0.51 0.00
HUNTLEY___66 23560	20.80 0.44 0.00	20.62 0.27 0.00	19.73 0.23 0.00	20.57 0.16 0.00	19.44 0.24 0.00	20.43 0.11 0.00	21.47 -0.04 0.00	18.73 -0.19 0.00	18.87 -0.19 0.00	17.49 -0.32 0.21	18.78 -0.23 0.00	18.34 -0.19 0.18	16.08 -0.16 0.14	14.92 -0.12 0.11	16.09 -0.31 0.07	14.01 -0.34 4.68	18.26 -0.41 0.24	21.41 -0.55 -0.11	26.43 -0.58 -0.13	25.53 -0.63 -0.13	29.40 -0.77 -0.14	29.62 -0.86 -0.14	27.31 -0.72 -0.12	24.94 -0.51 0.00
HUNTLEY___67 23561	20.72 0.36 0.00	20.56 0.21 0.00	19.66 0.17 0.00	20.51 0.09 0.00	19.38 0.17 0.00	20.36 0.04 0.00	21.41 -0.10 0.00	18.68 -0.24 0.00	18.82 -0.24 0.00	17.41 -0.36 0.24	18.74 -0.27 0.00	18.25 -0.24 0.20	15.99 -0.23 0.16	14.85 -0.18 0.13	16.04 -0.35 0.07	13.13 -0.44 5.46	18.15 -0.47 0.30	21.36 -0.60 -0.11	26.37 -0.64 -0.13	25.48 -0.69 -0.13	29.34 -0.82 -0.14	29.57 -0.91 -0.14	27.27 -0.75 -0.12	24.88 -0.57 0.00
HUNTLEY___68 23562	20.72 0.36 0.00	20.56 0.21 0.00	19.66 0.17 0.00	20.51 0.09 0.00	19.38 0.17 0.00	20.36 0.04 0.00	21.41 -0.10 0.00	18.68 -0.24 0.00	18.82 -0.24 0.00	17.41 -0.36 0.24	18.74 -0.27 0.00	18.25 -0.23 0.20	15.99 -0.23 0.16	14.85 -0.18 0.13	16.04 -0.35 0.07	13.13 -0.44 5.46	18.15 -0.47 0.30	21.36 -0.60 -0.11	26.37 -0.64 -0.13	25.48 -0.69 -0.13	29.34 -0.82 -0.14	29.57 -0.91 -0.14	27.27 -0.75 -0.12	24.88 -0.57 0.00
HYLAND___LFGE 323620	21.74 1.38 0.00	21.57 1.23 0.00	20.57 1.07 0.00	21.40 0.99 0.00	20.07 0.85 0.00	21.16 0.85 0.00	22.34 0.83 0.00	19.11 0.19 0.00	18.95 -0.12 0.00	18.71 -0.14 -0.84	18.67 -0.33 0.00	19.21 -0.20 -0.70	16.76 -0.20 -0.57	15.36 -0.20 -0.40	16.09 -0.37 0.00	37.83 -0.31 -19.11	20.48 0.17 -1.40	22.22 0.38 0.00	27.40 0.52 0.00	26.44 0.40 0.00	30.83 0.81 0.00	31.77 1.42 0.00	29.32 1.42 0.00	26.59 1.14 0.00
INDECK___CORINTH 23802	21.49 1.13 0.00	21.40 1.06 0.00	20.41 0.91 0.00	21.35 0.94 0.00	20.14 0.94 0.00	21.47 1.15 0.00	22.83 1.31 0.00	20.07 1.16 0.00	20.41 1.35 0.00	19.34 1.33 0.00	20.43 1.42 0.00	20.23 1.52 0.00	17.58 1.19 0.00	16.16 1.00 0.00	17.31 0.85 0.00	19.89 0.85 0.00	19.59 0.68 0.00	22.67 0.83 0.00	28.67 1.78 0.00	27.94 1.91 0.00	32.26 2.24 0.00	32.47 2.12 0.00	29.78 1.87 0.00	26.78 1.33 0.00
INDECK___ILION 23567	20.37 0.00 0.00	20.30 -0.05 0.00	19.35 -0.15 0.00	20.23 -0.18 0.00	19.05 -0.16 0.00	20.21 -0.10 0.00	21.47 -0.04 0.00	18.97 0.05 0.00	19.14 0.08 0.00	18.07 0.06 0.00	19.04 0.03 0.00	18.75 0.05 0.00	16.41 0.02 0.00	15.52 0.07 -0.29	17.31 0.03 -0.83	19.29 0.00 -0.27	19.11 0.03 -0.17	22.04 0.02 -0.18	27.15 0.07 -0.20	26.37 0.14 -0.20	30.50 0.26 -0.21	30.85 0.30 -0.21	28.33 0.24 -0.18	25.53 0.08 0.00
INDECK___OLEAN 23982	21.92 1.56 0.00	21.80 1.46 0.00	20.83 1.33 0.00	21.68 1.27 0.00	20.46 1.25 0.00	21.58 1.26 0.00	22.79 1.28 0.00	19.93 1.01 0.00	20.18 1.11 0.00	18.99 1.03 0.05	20.16 1.15 0.00	19.81 1.15 0.05	17.21 0.86 0.04	16.04 0.91 0.03	17.30 0.84 0.00	18.81 1.01 1.23	19.73 0.90 0.09	22.87 1.03 0.00	28.14 1.25 0.00	27.25 1.21 0.00	31.51 1.48 0.00	31.83 1.49 0.00	29.39 1.48 0.00	26.89 1.44 0.00
INDECK___OSWEGO 23783	20.31 -0.05 0.00	20.26 -0.08 0.00	19.38 -0.11 0.00	20.24 -0.17 0.00	19.05 -0.15 0.00	20.10 -0.22 0.00	21.22 -0.29 0.00	18.63 -0.29 0.00	18.78 -0.28 0.00	17.69 -0.32 0.00	18.66 -0.35 0.00	18.39 -0.32 0.00	16.09 -0.30 0.00	14.60 -0.25 0.31	15.23 -0.31 0.92	18.56 -0.36 0.12	18.57 -0.34 0.00	21.47 -0.37 0.00	26.44 -0.45 0.00	25.62 -0.41 0.00	29.62 -0.41 0.00	29.92 -0.43 0.00	27.49 -0.41 0.00	25.10 -0.35 0.00



INDECK___YERKES 23781	20.81 0.45 0.00	20.65 0.31 0.00	19.76 0.26 0.00	20.58 0.17 0.00	19.46 0.26 0.00	20.45 0.13 0.00	21.51 0.00 0.00	18.74 -0.18 0.00	18.89 -0.17 0.00	17.50 -0.30 0.21	18.80 -0.21 0.00	18.36 -0.17 0.18	16.09 -0.15 0.14	14.96 -0.10 0.10	16.18 -0.28 0.00	13.99 -0.26 4.77	18.21 -0.35 0.35	21.35 -0.49 0.00	26.35 -0.54 0.00	25.42 -0.61 0.00	29.31 -0.72 0.00	29.51 -0.83 0.00	27.22 -0.68 0.00	24.96 -0.50 0.00
INDIAN POINT_GT_1 24139	21.87 1.51 0.00	21.73 1.39 0.00	20.68 1.19 0.00	21.51 1.10 0.00	20.29 1.09 0.00	21.60 1.29 0.00	23.04 1.53 0.00	20.44 1.53 0.00	20.73 1.66 0.00	19.78 1.77 0.00	20.93 1.92 0.00	20.71 2.01 0.00	18.10 1.71 0.00	16.84 1.68 0.00	18.27 1.81 0.00	21.03 2.00 0.00	20.70 1.80 0.00	23.87 2.03 0.00	29.24 2.36 0.00	28.38 2.34 0.00	32.63 2.60 0.00	32.94 2.59 0.00	30.18 2.27 0.00	27.32 1.87 0.00
INDIAN POINT_GT_2 23659	21.87 1.51 0.00	21.73 1.39 0.00	20.68 1.19 0.00	21.51 1.10 0.00	20.29 1.09 0.00	21.60 1.29 0.00	23.04 1.53 0.00	20.44 1.53 0.00	20.73 1.66 0.00	19.78 1.77 0.00	20.93 1.92 0.00	20.71 2.01 0.00	18.10 1.71 0.00	16.84 1.68 0.00	18.27 1.81 0.00	21.03 2.00 0.00	20.70 1.80 0.00	23.87 2.03 0.00	29.24 2.36 0.00	28.38 2.34 0.00	32.63 2.60 0.00	32.94 2.59 0.00	30.18 2.27 0.00	27.32 1.87 0.00
INDIAN POINT_GT_3 24019	21.87 1.51 0.00	21.73 1.39 0.00	20.68 1.19 0.00	21.51 1.10 0.00	20.29 1.09 0.00	21.60 1.29 0.00	23.04 1.53 0.00	20.44 1.53 0.00	20.73 1.66 0.00	19.78 1.77 0.00	20.93 1.92 0.00	20.71 2.01 0.00	18.10 1.71 0.00	16.84 1.68 0.00	18.27 1.81 0.00	21.03 2.00 0.00	20.70 1.80 0.00	23.87 2.03 0.00	29.24 2.36 0.00	28.38 2.34 0.00	32.63 2.60 0.00	32.94 2.59 0.00	30.18 2.27 0.00	27.32 1.87 0.00
INDIAN POINT___2 23530	21.86 1.50 0.00	21.71 1.37 0.00	20.67 1.17 0.00	21.49 1.08 0.00	20.28 1.07 0.00	21.58 1.26 0.00	23.02 1.51 0.00	20.42 1.50 0.00	20.70 1.63 0.00	19.75 1.74 0.00	20.90 1.90 0.00	20.69 1.98 0.00	18.08 1.69 0.00	16.82 1.66 0.00	18.25 1.78 0.00	21.00 1.97 0.00	20.68 1.78 0.00	23.84 2.00 0.00	29.21 2.33 0.00	28.35 2.31 0.00	32.59 2.56 0.00	32.90 2.55 0.00	30.15 2.25 0.00	27.30 1.85 0.00
INDIAN POINT___3 23531	21.84 1.48 0.00	21.69 1.35 0.00	20.65 1.16 0.00	21.48 1.07 0.00	20.26 1.06 0.00	21.57 1.25 0.00	23.01 1.50 0.00	20.41 1.49 0.00	20.70 1.63 0.00	19.76 1.74 -0.01	20.90 1.89 0.00	20.69 1.98 0.00	18.08 1.69 0.00	16.82 1.66 -0.01	18.25 1.78 -0.01	21.17 1.97 -0.17	20.73 1.78 -0.04	23.87 1.99 -0.03	29.23 2.31 -0.04	28.37 2.30 -0.04	32.62 2.55 -0.04	32.93 2.54 -0.04	30.18 2.24 -0.04	27.27 1.82 0.00
INGHAM_C_115KV_TB7 356103	20.06 -0.30 0.00	19.92 -0.42 0.00	18.90 -0.60 0.00	19.74 -0.68 0.00	18.62 -0.59 0.00	19.83 -0.49 0.00	21.15 -0.36 0.00	18.77 -0.15 0.00	19.05 -0.01 0.00	17.98 -0.03 0.00	18.89 -0.11 0.00	18.61 -0.10 0.00	16.27 -0.12 0.00	15.43 -0.02 -0.29	17.17 -0.12 -0.83	19.10 -0.20 -0.27	18.88 -0.20 -0.17	21.76 -0.26 -0.18	26.88 -0.20 -0.20	26.18 -0.05 -0.20	30.44 0.20 -0.21	30.86 0.30 -0.21	28.30 0.21 -0.18	25.35 -0.10 0.00
IP CORINTH___1 23988	21.49 1.13 0.00	21.41 1.06 0.00	20.41 0.91 0.00	21.35 0.94 0.00	20.14 0.94 0.00	21.47 1.15 0.00	22.82 1.31 0.00	20.09 1.18 0.00	20.41 1.35 0.00	19.34 1.33 0.00	20.43 1.42 0.00	20.23 1.53 0.00	17.59 1.20 0.00	16.21 1.04 -0.01	17.40 0.93 -0.01	20.13 0.97 -0.13	19.74 0.79 -0.03	22.82 0.96 -0.03	28.72 1.81 -0.03	27.97 1.91 -0.03	32.30 2.24 -0.03	32.50 2.12 -0.03	29.80 1.87 -0.03	26.78 1.33 0.00
IP___TICONDEROGA 23804	22.66 2.30 0.00	22.49 2.15 0.00	21.45 1.96 0.00	22.58 2.17 0.00	21.31 2.10 0.00	22.77 2.45 0.00	24.12 2.61 0.00	21.30 2.38 0.00	21.57 2.50 0.00	20.27 2.26 0.00	21.51 2.50 0.00	21.40 2.69 0.00	18.57 2.18 0.00	17.16 1.99 -0.01	18.47 2.00 -0.01	21.22 2.06 -0.13	20.66 1.72 -0.03	23.89 2.02 -0.03	30.01 3.10 -0.03	29.22 3.15 -0.03	33.81 3.76 -0.03	33.84 3.45 -0.03	31.12 3.19 -0.03	27.81 2.36 0.00
ISLIP_RES_REC 323679	22.01 1.65 0.00	21.68 1.34 0.00	20.57 1.07 0.00	21.57 1.16 0.00	20.36 1.16 0.00	21.85 1.54 0.00	23.65 2.14 0.00	20.77 1.86 0.00	21.00 1.94 0.00	20.07 2.06 0.00	21.20 2.19 0.00	21.03 2.33 0.00	18.35 1.96 0.00	16.95 1.79 0.00	18.45 1.99 0.00	21.19 2.15 0.00	20.81 1.90 0.00	24.09 2.25 0.00	29.83 2.94 0.00	28.91 2.88 0.00	33.29 3.26 0.00	33.77 3.43 0.00	30.74 2.84 0.00	27.59 2.13 0.00
JAMAICA__27_KV_LOAD 355505	22.18 1.82 0.00	22.04 1.70 0.00	20.95 1.45 0.00	21.69 1.28 0.00	20.46 1.25 0.00	21.80 1.48 0.00	23.26 1.75 0.00	20.63 1.71 0.00	20.91 1.85 0.00	19.98 1.96 -0.01	21.05 2.04 0.00	20.87 2.17 0.00	18.27 1.88 0.00	16.98 1.82 -0.01	18.39 1.93 -0.01	21.33 2.13 -0.17	20.89 1.94 -0.04	24.04 2.16 -0.03	29.36 2.44 -0.04	28.50 2.42 -0.04	32.71 2.65 -0.04	33.17 2.78 -0.04	30.52 2.57 -0.04	27.63 2.18 0.00
JANIS___SOLAR 323808	21.55 1.20 0.00	21.40 1.06 0.00	20.49 0.99 0.00	21.45 1.04 0.00	20.15 0.94 0.00	21.23 0.91 0.00	22.51 1.00 0.00	19.77 0.85 0.00	19.90 0.84 0.00	18.74 0.68 -0.05	19.46 0.45 0.00	19.15 0.40 -0.05	16.70 0.27 -0.04	15.43 0.25 -0.03	16.75 0.28 0.00	20.65 0.39 -1.24	19.66 0.66 -0.09	22.85 1.01 0.00	28.39 1.50 0.00	27.63 1.60 0.00	31.94 1.92 0.00	32.19 1.84 0.00	29.53 1.63 0.00	26.86 1.41 0.00
JARVIS____ 23743	20.48 0.12 0.00	20.44 0.10 0.00	19.56 0.06 0.00	20.46 0.05 0.00	19.25 0.04 0.00	20.38 0.06 0.00	21.60 0.09 0.00	19.02 0.10 0.00	19.18 0.12 0.00	18.12 0.11 0.00	19.12 0.11 0.00	18.83 0.12 0.00	16.49 0.10 0.00	15.50 0.11 -0.23	17.26 0.11 -0.69	19.24 0.12 -0.09	19.02 0.11 0.00	21.97 0.12 0.00	27.05 0.16 0.00	26.20 0.16 0.00	30.22 0.19 0.00	30.53 0.18 0.00	28.06 0.15 0.00	25.56 0.11 0.00
JENNISON___1 23625	21.75 1.38 0.00	21.59 1.25 0.00	20.66 1.17 0.00	21.62 1.21 0.00	20.32 1.11 0.00	21.46 1.14 0.00	22.77 1.26 0.00	20.06 1.14 0.00	20.25 1.18 0.00	19.15 1.11 -0.03	20.05 1.04 0.00	19.73 1.00 -0.02	17.18 0.78 -0.02	15.92 0.75 -0.02	17.23 0.78 0.01	20.73 0.97 -0.73	20.09 1.05 -0.13	23.28 1.35 -0.09	28.84 1.86 -0.10	28.07 1.93 -0.10	32.38 2.25 -0.10	32.65 2.20 -0.10	29.94 1.94 -0.09	27.13 1.68 0.00
JENNISON___2 23626	21.75 1.38 0.00	21.59 1.25 0.00	20.66 1.17 0.00	21.62 1.21 0.00	20.32 1.11 0.00	21.46 1.14 0.00	22.77 1.26 0.00	20.06 1.14 0.00	20.25 1.18 0.00	19.15 1.11 -0.03	20.05 1.04 0.00	19.73 1.00 -0.02	17.18 0.78 -0.02	15.92 0.75 -0.02	17.23 0.78 0.01	20.73 0.97 -0.73	20.09 1.05 -0.13	23.28 1.35 -0.09	28.84 1.86 -0.10	28.07 1.93 -0.10	32.38 2.25 -0.10	32.65 2.20 -0.10	29.94 1.94 -0.09	27.13 1.68 0.00



JERICO_RISE_WT_PWR 323719	19.86 -0.51 0.00	19.55 -0.79 0.00	18.68 -0.82 0.00	19.90 -0.51 0.00	18.74 -0.47 0.00	20.08 -0.24 0.00	21.34 -0.17 0.00	18.64 -0.28 0.00	18.69 -0.38 0.00	17.57 -0.44 0.00	18.36 -0.64 0.00	17.89 -0.82 0.00	15.56 -0.83 0.00	-2.36 -1.16 16.37	-23.52 -1.19 38.79	-24.11 -1.32 41.82	-24.34 -1.25 42.00	-24.13 -1.49 44.49	-24.42 -1.81 49.50	-24.39 -1.77 48.66	-24.77 -1.95 52.85	-24.70 -1.84 53.21	-20.48 -1.67 46.71	24.98 -0.47 0.00
KATONAH__115KV_46KV_TB4 355592	21.92 1.56 0.00	21.77 1.43 0.00	20.73 1.23 0.00	21.56 1.15 0.00	20.34 1.13 0.00	21.66 1.34 0.00	23.12 1.62 0.00	20.51 1.59 0.00	20.81 1.74 0.00	19.88 1.86 -0.01	21.03 2.02 0.00	20.82 2.11 0.00	18.18 1.79 0.00	16.92 1.75 -0.01	18.35 1.88 -0.01	21.28 2.08 -0.17	20.83 1.88 -0.04	24.00 2.12 -0.03	29.41 2.49 -0.04	28.54 2.47 -0.04	32.82 2.75 -0.04	33.12 2.73 -0.04	30.33 2.39 -0.04	27.38 1.93 0.00
KCE_NY_1 323755	21.41 1.05 0.00	21.34 1.00 0.00	20.34 0.85 0.00	21.27 0.86 0.00	20.08 0.87 0.00	21.38 1.07 0.00	22.76 1.25 0.00	20.09 1.18 0.00	20.34 1.28 0.00	19.25 1.24 0.00	20.35 1.34 0.00	20.13 1.42 0.00	17.57 1.19 0.00	16.28 1.12 0.00	17.61 1.15 0.00	20.31 1.28 0.00	20.07 1.16 0.00	23.15 1.31 0.00	28.73 1.85 0.00	27.91 1.87 0.00	32.19 2.17 0.00	32.40 2.05 0.00	29.68 1.78 0.00	26.78 1.33 0.00
KCE_NY_6_ESR 323823	21.07 0.71 0.00	20.91 0.57 0.00	19.98 0.48 0.00	20.82 0.41 0.00	19.67 0.46 0.00	20.67 0.36 0.00	21.79 0.28 0.00	19.00 0.08 0.00	19.14 0.08 0.00	17.70 -0.06 0.25	19.06 0.05 0.00	18.54 0.05 0.21	16.21 -0.01 0.17	15.08 0.04 0.12	16.37 -0.10 0.00	13.19 -0.10 5.75	18.37 -0.12 0.42	21.66 -0.18 0.00	26.73 -0.15 0.00	25.82 -0.21 0.00	29.78 -0.24 0.00	30.02 -0.33 0.00	27.68 -0.23 0.00	25.37 -0.08 0.00
KEDC_PORT_JEFF_GT2 24210	21.94 1.58 0.00	21.62 1.28 0.00	20.51 1.02 0.00	21.52 1.10 0.00	20.31 1.10 0.00	21.78 1.47 0.00	23.58 2.07 0.00	20.71 1.79 0.00	20.93 1.87 0.00	19.98 1.97 0.00	21.13 2.12 0.00	20.95 2.24 0.00	18.28 1.89 0.00	16.90 1.74 0.00	18.39 1.93 0.00	21.11 2.08 0.00	20.73 1.82 0.00	23.99 2.15 0.00	29.70 2.82 0.00	28.77 2.73 0.00	33.12 3.09 0.00	33.61 3.27 0.00	30.60 2.70 0.00	27.50 2.05 0.00
KEDC_PORT_JEFF_GT3 24211	21.94 1.58 0.00	21.62 1.28 0.00	20.51 1.02 0.00	21.52 1.10 0.00	20.31 1.10 0.00	21.78 1.47 0.00	23.58 2.07 0.00	20.71 1.79 0.00	20.93 1.87 0.00	19.98 1.97 0.00	21.13 2.12 0.00	20.95 2.24 0.00	18.28 1.89 0.00	16.90 1.74 0.00	18.39 1.93 0.00	21.11 2.08 0.00	20.73 1.82 0.00	23.99 2.15 0.00	29.70 2.82 0.00	28.77 2.73 0.00	33.12 3.09 0.00	33.61 3.27 0.00	30.60 2.70 0.00	27.50 2.05 0.00
KEDC_GLWD_GT4 24219	22.06 1.70 0.00	21.85 1.50 0.00	20.77 1.27 0.00	21.64 1.23 0.00	20.42 1.21 0.00	21.79 1.47 0.00	23.41 1.91 0.00	20.65 1.74 0.00	20.94 1.88 0.00	20.01 2.00 0.00	21.22 2.21 0.00	21.03 2.32 0.00	18.35 1.96 0.00	17.04 1.88 0.00	18.50 2.04 0.00	21.26 2.24 0.00	20.90 1.99 0.00	24.12 2.28 0.00	29.62 2.74 0.00	28.73 2.70 0.00	33.05 3.02 0.00	33.41 3.06 0.00	30.51 2.60 0.00	27.58 2.13 0.00
KEDC_GLWD_GT5 24220	22.06 1.70 0.00	21.85 1.50 0.00	20.77 1.27 0.00	21.64 1.23 0.00	20.42 1.21 0.00	21.79 1.47 0.00	23.41 1.91 0.00	20.65 1.74 0.00	20.94 1.88 0.00	20.01 2.00 0.00	21.22 2.21 0.00	21.03 2.32 0.00	18.35 1.96 0.00	17.04 1.88 0.00	18.50 2.04 0.00	21.26 2.24 0.00	20.90 1.99 0.00	24.12 2.28 0.00	29.62 2.74 0.00	28.73 2.70 0.00	33.05 3.02 0.00	33.41 3.06 0.00	30.51 2.60 0.00	27.58 2.13 0.00
KENSICO____ 23655	21.89 1.53 0.00	21.75 1.41 0.00	20.69 1.20 0.00	21.52 1.11 0.00	20.30 1.10 0.00	21.62 1.30 0.00	23.07 1.56 0.00	20.46 1.55 0.00	20.75 1.69 0.00	19.82 1.81 -0.01	20.97 1.96 0.00	20.76 2.06 0.00	18.14 1.75 0.00	16.88 1.71 -0.01	18.31 1.84 -0.01	21.24 2.04 -0.17	20.79 1.84 -0.04	23.94 2.06 -0.03	29.31 2.39 -0.04	28.45 2.38 -0.04	32.70 2.64 -0.04	33.03 2.64 -0.04	30.26 2.32 -0.04	27.35 1.90 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.07 1.71 0.00	21.90 1.56 0.00	20.84 1.34 0.00	21.68 1.27 0.00	20.43 1.22 0.00	21.73 1.41 0.00	23.20 1.69 0.00	20.57 1.66 0.00	20.88 1.82 0.00	19.89 1.87 -0.01	21.06 2.05 0.00	20.81 2.10 0.00	18.03 1.64 0.00	16.75 1.59 -0.01	18.20 1.73 -0.01	21.15 1.94 -0.17	20.74 1.79 -0.04	23.90 2.02 -0.03	29.25 2.33 -0.04	28.45 2.38 -0.04	32.93 2.87 -0.04	33.22 2.83 -0.04	30.62 2.68 -0.04	27.77 2.32 0.00
KIAC_JFK_GT1 23816	22.06 1.70 0.00	21.93 1.58 0.00	20.85 1.35 0.00	21.58 1.17 0.00	20.36 1.15 0.00	21.68 1.36 0.00	23.13 1.63 0.00	20.51 1.59 0.00	20.79 1.73 0.00	19.88 1.87 0.00	20.94 1.94 0.00	20.77 2.06 0.00	18.18 1.79 0.00	16.90 1.74 0.00	18.31 1.84 0.00	21.06 2.03 0.00	20.73 1.82 0.00	23.87 2.03 0.00	29.17 2.28 0.00	28.31 2.27 0.00	32.49 2.46 0.00	32.96 2.62 0.00	30.33 2.42 0.00	27.48 2.02 0.00
KIAC_JFK_GT2 23817	22.06 1.70 0.00	21.93 1.58 0.00	20.85 1.35 0.00	21.58 1.17 0.00	20.36 1.15 0.00	21.68 1.36 0.00	23.13 1.63 0.00	20.51 1.59 0.00	20.79 1.73 0.00	19.88 1.87 0.00	20.94 1.94 0.00	20.77 2.06 0.00	18.18 1.79 0.00	16.90 1.74 0.00	18.31 1.84 0.00	21.06 2.03 0.00	20.73 1.82 0.00	23.87 2.03 0.00	29.17 2.28 0.00	28.31 2.27 0.00	32.49 2.46 0.00	32.96 2.62 0.00	30.33 2.42 0.00	27.48 2.02 0.00
KIAC_JFK____ 323774	22.06 1.70 0.00	21.93 1.58 0.00	20.85 1.35 0.00	21.58 1.17 0.00	20.36 1.15 0.00	21.68 1.36 0.00	23.13 1.63 0.00	20.51 1.59 0.00	20.79 1.73 0.00	19.88 1.87 0.00	20.94 1.94 0.00	20.77 2.06 0.00	18.18 1.79 0.00	16.90 1.74 0.00	18.31 1.84 0.00	21.06 2.03 0.00	20.73 1.82 0.00	23.87 2.03 0.00	29.17 2.28 0.00	28.31 2.27 0.00	32.49 2.46 0.00	32.96 2.62 0.00	30.33 2.42 0.00	27.48 2.02 0.00
KINTIGH____ 23543	20.54 0.18 0.00	20.40 0.06 0.00	19.53 0.03 0.00	20.37 -0.04 0.00	19.25 0.04 0.00	20.24 -0.07 0.00	21.31 -0.20 0.00	18.62 -0.30 0.00	18.78 -0.28 0.00	17.52 -0.37 0.12	18.71 -0.30 0.00	18.32 -0.28 0.10	16.05 -0.25 0.08	14.89 -0.20 0.08	16.03 -0.36 0.07	15.80 -0.48 2.76	18.32 -0.49 0.10	21.33 -0.63 -0.12	26.30 -0.71 -0.13	25.42 -0.74 -0.13	29.30 -0.87 -0.14	29.53 -0.95 -0.14	27.21 -0.82 -0.12	24.80 -0.65 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	20.06 -0.31 0.00	19.71 -0.63 0.00	18.80 -0.70 0.00	20.05 -0.36 0.00	18.85 -0.36 0.00	20.24 -0.07 0.00	21.54 0.03 0.00	18.84 -0.08 0.00	18.89 -0.18 0.00	17.74 -0.27 0.00	18.54 -0.47 0.00	18.06 -0.64 0.00	15.69 -0.70 0.00	-1.46 -1.04 15.58	-21.56 -1.06 36.96	-21.83 -1.13 39.73	-22.08 -1.10 39.89	-21.68 -1.28 42.25	-21.64 -1.52 47.01	-21.63 -1.45 46.22	-21.78 -1.60 50.20	-21.67 -1.48 50.54	-17.89 -1.43 44.36	25.21 -0.24 0.00



LACHUTE____HYDRO 323717	22.66 2.30 0.00	22.49 2.15 0.00	21.45 1.96 0.00	22.59 2.18 0.00	21.31 2.10 0.00	22.76 2.45 0.00	24.12 2.61 0.00	21.30 2.38 0.00	21.57 2.50 0.00	20.27 2.26 0.00	21.51 2.50 0.00	21.39 2.69 0.00	18.56 2.18 0.00	17.15 1.99 0.00	18.46 2.00 0.00	21.09 2.06 0.00	20.62 1.71 0.00	23.86 2.02 0.00	29.98 3.10 0.00	29.20 3.16 0.00	33.79 3.76 0.00	33.80 3.45 0.00	31.09 3.18 0.00	27.81 2.36 0.00
LAWRNCAV_115KV_TB1 80681	19.41 -0.95 0.00	19.42 -0.92 0.00	18.84 -0.65 0.00	19.82 -0.59 0.00	18.64 -0.57 0.00	19.54 -0.77 0.00	20.63 -0.88 0.00	18.01 -0.91 0.00	18.00 -1.07 0.00	16.92 -1.09 0.00	17.90 -1.11 0.00	17.56 -1.14 0.00	15.43 -0.96 0.00	14.05 -0.99 0.12	13.91 -1.03 1.52	22.16 -1.11 -4.24	22.94 -1.01 -5.04	26.03 -1.15 -5.33	31.48 -1.34 -5.93	30.57 -1.30 -5.83	35.05 -1.32 -6.34	35.59 -1.13 -6.38	32.47 -1.04 -5.60	24.76 -0.69 0.00
LEDERLE____ 23769	21.96 1.60 0.00	21.82 1.47 0.00	20.76 1.27 0.00	21.60 1.19 0.00	20.38 1.17 0.00	21.68 1.36 0.00	23.13 1.62 0.00	20.51 1.59 0.00	20.79 1.73 0.00	19.83 1.81 -0.01	20.98 1.98 0.00	20.77 2.06 0.00	18.15 1.76 0.00	16.89 1.72 -0.01	18.32 1.85 -0.01	21.27 2.07 -0.17	20.82 1.87 -0.04	23.99 2.11 -0.03	29.38 2.46 -0.04	28.51 2.44 -0.04	32.78 2.71 -0.04	33.08 2.69 -0.04	30.32 2.38 -0.04	27.43 1.98 0.00
LIGHTHSE_115KV_TB6 355974	20.39 0.02 0.00	20.34 0.00 0.00	19.48 -0.02 0.00	20.38 -0.04 0.00	19.17 -0.04 0.00	20.10 -0.22 0.00	21.13 -0.38 0.00	18.46 -0.46 0.00	18.53 -0.54 0.00	17.44 -0.57 0.00	18.40 -0.60 0.00	18.14 -0.56 0.00	15.86 -0.53 0.00	14.03 -0.48 0.64	13.81 -0.59 2.06	18.69 -0.67 -0.33	18.93 -0.64 -0.67	21.90 -0.65 -0.71	27.04 -0.63 -0.79	26.26 -0.55 -0.77	30.55 -0.32 -0.84	31.08 -0.11 -0.85	28.53 -0.11 -0.74	25.32 -0.13 0.00
LINDEN COGEN____ 23786	21.91 1.55 0.00	21.76 1.42 0.00	20.71 1.22 0.00	21.50 1.09 0.00	20.30 1.09 0.00	21.60 1.29 0.00	23.03 1.52 0.00	20.46 1.54 0.00	20.74 1.67 0.00	19.83 1.82 0.00	20.96 1.95 0.00	20.76 2.06 0.00	18.16 1.77 0.00	16.90 1.74 0.00	18.32 1.86 0.00	21.07 2.04 0.00	20.73 1.82 0.00	23.88 2.04 0.00	29.20 2.32 0.00	28.35 2.31 0.00	32.56 2.54 0.00	32.92 2.58 0.00	30.19 2.29 0.00	27.37 1.92 0.00
LINDHRST_69_KV_BK1 356055	22.15 1.78 0.00	21.84 1.50 0.00	20.72 1.23 0.00	21.67 1.26 0.00	20.45 1.24 0.00	21.89 1.57 0.00	23.69 2.18 0.00	20.78 1.87 0.00	21.04 1.98 0.00	20.12 2.11 -0.01	21.31 2.30 0.00	21.13 2.42 0.00	18.42 2.03 0.00	17.05 1.88 -0.01	18.55 2.08 -0.01	21.46 2.26 -0.17	20.95 2.00 -0.04	24.20 2.32 -0.03	29.82 2.90 -0.04	28.93 2.86 -0.04	33.30 3.24 -0.04	33.74 3.36 -0.04	30.78 2.84 -0.04	27.70 2.25 0.00
LIPA_MISC_IPP 23656	21.77 1.40 0.00	21.44 1.10 0.00	20.34 0.85 0.00	21.39 0.98 0.00	20.18 0.98 0.00	21.70 1.38 0.00	23.49 1.98 0.00	20.63 1.71 0.00	20.80 1.73 0.00	19.78 1.77 -0.01	20.90 1.90 0.00	20.73 2.03 0.00	18.10 1.71 0.00	16.73 1.56 -0.01	18.19 1.73 -0.01	21.08 1.88 -0.17	20.57 1.62 -0.04	23.79 1.92 -0.03	29.53 2.61 -0.04	28.57 2.50 -0.04	32.91 2.84 -0.04	33.44 3.05 -0.04	30.41 2.47 -0.04	27.25 1.80 0.00
LISF____SOLAR 323691	21.79 1.42 0.00	21.45 1.11 0.00	20.36 0.86 0.00	21.40 0.99 0.00	20.20 0.99 0.00	21.72 1.41 0.00	23.51 2.00 0.00	20.64 1.73 0.00	20.81 1.75 0.00	19.77 1.76 0.00	20.89 1.88 0.00	20.71 2.01 0.00	18.09 1.70 0.00	16.71 1.55 0.00	18.17 1.71 0.00	20.89 1.86 0.00	20.51 1.60 0.00	23.75 1.91 0.00	29.50 2.61 0.00	28.55 2.52 0.00	32.87 2.85 0.00	33.41 3.06 0.00	30.37 2.46 0.00	27.27 1.82 0.00
LITTLE FALLS____HYD 24013	20.06 -0.30 0.00	19.92 -0.42 0.00	18.90 -0.60 0.00	19.74 -0.68 0.00	18.62 -0.59 0.00	19.83 -0.49 0.00	21.15 -0.36 0.00	18.77 -0.15 0.00	19.05 -0.01 0.00	17.98 -0.03 0.00	18.89 -0.11 0.00	18.61 -0.10 0.00	16.27 -0.12 0.00	15.43 -0.02 -0.29	17.17 -0.12 -0.83	19.10 -0.20 -0.27	18.88 -0.20 -0.17	21.76 -0.26 -0.18	26.88 -0.20 -0.20	26.18 -0.05 -0.20	30.44 0.20 -0.21	30.86 0.30 -0.21	28.30 0.21 -0.18	25.35 -0.10 0.00
LITTLRIV_115KV_TB1 356100	19.58 -0.78 0.00	19.60 -0.75 0.00	19.03 -0.47 0.00	20.01 -0.41 0.00	18.83 -0.39 0.00	19.74 -0.57 0.00	20.85 -0.67 0.00	18.19 -0.72 0.00	18.16 -0.90 0.00	17.02 -0.99 0.00	18.01 -0.99 0.00	17.65 -1.05 0.00	15.52 -0.87 0.00	14.26 -0.91 -0.01	14.26 -0.94 1.26	22.75 -0.99 -4.71	23.59 -0.86 -5.54	26.73 -0.98 -5.87	32.26 -1.16 -6.53	31.38 -1.08 -6.42	35.94 -1.06 -6.97	36.50 -0.87 -7.02	33.25 -0.81 -6.16	24.99 -0.47 0.00
LI_NEWBRDGE____DRP 323616	21.92 1.57 0.00	21.66 1.31 0.00	20.55 1.06 0.00	21.48 1.07 0.00	20.27 1.06 0.00	21.68 1.37 0.00	23.47 1.96 0.00	20.56 1.64 0.00	20.82 1.76 0.00	19.90 1.89 -0.01	21.09 2.09 0.00	20.92 2.21 0.00	18.24 1.85 0.00	16.91 1.74 -0.01	18.37 1.90 -0.01	21.26 2.06 -0.17	20.74 1.79 -0.04	23.95 2.08 -0.03	29.47 2.55 -0.04	28.57 2.50 -0.04	32.88 2.81 -0.04	33.28 2.89 -0.04	30.38 2.43 -0.04	27.41 1.95 0.00
LOCKPORT_115KV_TB60_63_64 80432	20.58 0.21 0.00	20.40 0.06 0.00	19.52 0.03 0.00	20.35 -0.05 0.00	19.25 0.04 0.00	20.22 -0.10 0.00	21.23 -0.28 0.00	18.52 -0.40 0.00	18.66 -0.40 0.00	17.31 -0.52 0.18	18.56 -0.45 0.00	18.16 -0.39 0.15	15.94 -0.33 0.12	14.78 -0.28 0.10	15.90 -0.49 0.07	14.45 -0.51 4.07	18.11 -0.60 0.20	21.18 -0.78 -0.11	26.14 -0.87 -0.13	25.25 -0.92 -0.13	29.05 -1.11 -0.14	29.29 -1.20 -0.14	27.01 -1.01 -0.12	24.66 -0.80 0.00
LOCKPORT____CC1 323769	20.58 0.22 0.00	20.42 0.08 0.00	19.54 0.04 0.00	20.36 -0.05 0.00	19.25 0.04 0.00	20.23 -0.09 0.00	21.26 -0.25 0.00	18.52 -0.40 0.00	18.67 -0.39 0.00	17.31 -0.51 0.19	18.57 -0.44 0.00	18.16 -0.38 0.16	15.92 -0.33 0.13	14.79 -0.28 0.09	15.98 -0.48 0.00	14.08 -0.47 4.48	18.02 -0.56 0.33	21.10 -0.73 0.00	26.04 -0.84 0.00	25.12 -0.92 0.00	28.95 -1.08 0.00	29.17 -1.18 0.00	26.92 -0.99 0.00	24.66 -0.79 0.00
LOCKPORT____CC2 323770	20.58 0.22 0.00	20.42 0.08 0.00	19.54 0.04 0.00	20.36 -0.05 0.00	19.25 0.04 0.00	20.23 -0.09 0.00	21.26 -0.25 0.00	18.52 -0.40 0.00	18.67 -0.39 0.00	17.31 -0.51 0.19	18.57 -0.44 0.00	18.16 -0.38 0.16	15.92 -0.33 0.13	14.79 -0.28 0.09	15.98 -0.48 0.00	14.08 -0.47 4.48	18.02 -0.56 0.33	21.10 -0.73 0.00	26.04 -0.84 0.00	25.12 -0.92 0.00	28.95 -1.08 0.00	29.17 -1.18 0.00	26.92 -0.99 0.00	24.66 -0.79 0.00
LOCKPORT____CC3 323771	20.58 0.22 0.00	20.42 0.08 0.00	19.54 0.04 0.00	20.36 -0.05 0.00	19.25 0.04 0.00	20.23 -0.09 0.00	21.26 -0.25 0.00	18.52 -0.40 0.00	18.67 -0.39 0.00	17.31 -0.51 0.19	18.57 -0.44 0.00	18.16 -0.38 0.16	15.92 -0.33 0.13	14.79 -0.28 0.09	15.98 -0.48 0.00	14.08 -0.47 4.48	18.02 -0.56 0.33	21.10 -0.73 0.00	26.04 -0.84 0.00	25.12 -0.92 0.00	28.95 -1.08 0.00	29.17 -1.18 0.00	26.92 -0.99 0.00	24.66 -0.79 0.00



LONG_LAKE_PHOENIX 24014	20.40 0.03 0.00	20.33 -0.01 0.00	19.45 -0.05 0.00	20.30 -0.10 0.00	19.13 -0.08 0.00	20.18 -0.13 0.00	21.31 -0.20 0.00	18.73 -0.19 0.00	18.89 -0.18 0.00	17.81 -0.20 0.00	18.76 -0.25 0.00	18.49 -0.21 0.00	16.18 -0.21 0.00	14.88 -0.16 0.12	15.85 -0.21 0.40	18.94 -0.24 -0.15	18.91 -0.23 -0.23	21.84 -0.24 -0.24	26.87 -0.28 -0.27	26.06 -0.25 -0.26	30.06 -0.25 -0.29	30.31 -0.33 -0.29	27.84 -0.32 -0.25	25.18 -0.27 0.00
LOVETT___3 23632	21.85 1.49 0.00	21.70 1.36 0.00	20.66 1.17 0.00	21.49 1.08 0.00	20.27 1.06 0.00	21.57 1.26 0.00	23.01 1.50 0.00	20.41 1.49 0.00	20.69 1.62 0.00	19.74 1.72 -0.01	20.88 1.88 0.00	20.67 1.96 0.00	18.07 1.67 0.00	16.81 1.64 -0.01	18.23 1.77 -0.01	21.16 1.96 -0.17	20.72 1.76 -0.04	23.87 1.99 -0.03	29.23 2.31 -0.04	28.36 2.28 -0.04	32.61 2.54 -0.04	32.91 2.52 -0.04	30.17 2.23 -0.04	27.28 1.83 0.00
LOVETT___4 23642	21.85 1.49 0.00	21.70 1.36 0.00	20.66 1.17 0.00	21.49 1.08 0.00	20.27 1.06 0.00	21.57 1.26 0.00	23.01 1.50 0.00	20.41 1.49 0.00	20.69 1.62 0.00	19.74 1.72 -0.01	20.88 1.88 0.00	20.67 1.96 0.00	18.07 1.67 0.00	16.81 1.64 -0.01	18.23 1.77 -0.01	21.16 1.96 -0.17	20.72 1.76 -0.04	23.87 1.99 -0.03	29.23 2.31 -0.04	28.36 2.28 -0.04	32.61 2.54 -0.04	32.91 2.52 -0.04	30.17 2.23 -0.04	27.28 1.83 0.00
LOVETT___5 23593	21.85 1.49 0.00	21.70 1.36 0.00	20.66 1.17 0.00	21.49 1.08 0.00	20.27 1.06 0.00	21.57 1.26 0.00	23.01 1.50 0.00	20.41 1.49 0.00	20.69 1.62 0.00	19.74 1.72 -0.01	20.88 1.88 0.00	20.67 1.96 0.00	18.07 1.67 0.00	16.81 1.64 -0.01	18.23 1.77 -0.01	21.16 1.96 -0.17	20.72 1.76 -0.04	23.87 1.99 -0.03	29.23 2.31 -0.04	28.36 2.28 -0.04	32.61 2.54 -0.04	32.91 2.52 -0.04	30.17 2.23 -0.04	27.28 1.83 0.00
LOWER_RAQUET___HYD 24057	19.27 -1.09 0.00	19.27 -1.08 0.00	18.70 -0.80 0.00	19.68 -0.73 0.00	18.51 -0.70 0.00	19.40 -0.91 0.00	20.48 -1.03 0.00	17.86 -1.06 0.00	17.84 -1.22 0.00	16.76 -1.25 0.00	17.73 -1.28 0.00	17.39 -1.32 0.00	15.27 -1.12 0.00	14.15 -1.14 -0.13	14.24 -1.21 1.01	22.89 -1.30 -5.16	23.73 -1.19 -6.01	26.86 -1.35 -6.37	32.39 -1.58 -7.09	31.48 -1.52 -6.97	36.05 -1.55 -7.57	36.63 -1.34 -7.62	33.35 -1.24 -6.69	24.60 -0.85 0.00
LOWER___HUDSON 24059	21.09 0.73 0.00	21.05 0.71 0.00	20.07 0.58 0.00	20.96 0.55 0.00	19.80 0.59 0.00	21.11 0.79 0.00	22.47 0.96 0.00	19.91 0.99 0.00	20.16 1.09 0.00	19.06 1.05 0.00	20.15 1.14 0.00	19.93 1.23 0.00	17.43 1.05 0.00	16.20 1.04 0.00	17.54 1.08 0.00	20.17 1.15 0.00	19.92 1.01 0.00	22.94 1.10 0.00	28.40 1.52 0.00	27.55 1.51 0.00	31.76 1.73 0.00	31.94 1.59 0.00	29.23 1.33 0.00	26.37 0.92 0.00
LOWVILLE_115KV_TB2 356335	20.29 -0.07 0.00	20.29 -0.05 0.00	19.52 0.02 0.00	20.45 0.04 0.00	19.16 -0.05 0.00	19.97 -0.35 0.00	20.94 -0.57 0.00	18.13 -0.79 0.00	18.05 -1.02 0.00	16.93 -1.08 0.00	17.82 -1.19 0.00	17.52 -1.19 0.00	15.31 -1.09 0.00	23.77 -0.95 -9.55	43.32 -1.09 -27.94	22.88 -1.23 -5.08	19.44 -1.21 -1.74	22.46 -1.23 -1.84	27.90 -1.03 -2.05	26.99 -1.07 -2.02	31.65 -0.57 -2.19	32.72 0.17 -2.20	30.02 0.18 -1.93	25.61 0.16 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	21.41 1.05 0.00	21.36 1.01 0.00	20.35 0.86 0.00	21.28 0.86 0.00	20.08 0.87 0.00	21.38 1.07 0.00	22.75 1.24 0.00	20.09 1.17 0.00	20.35 1.28 0.00	19.26 1.25 0.00	20.35 1.34 0.00	20.13 1.42 0.00	17.57 1.18 0.00	16.28 1.11 -0.01	17.60 1.13 -0.01	20.41 1.25 -0.13	20.08 1.14 -0.03	23.17 1.30 -0.03	28.74 1.83 -0.03	27.92 1.86 -0.03	32.20 2.14 -0.03	32.41 2.03 -0.03	29.69 1.76 -0.03	26.76 1.31 0.00
LUTHERNY_35_KV_BK2 355980	21.41 1.05 0.00	21.34 1.00 0.00	20.35 0.85 0.00	21.27 0.86 0.00	20.08 0.87 0.00	21.38 1.07 0.00	22.76 1.25 0.00	20.09 1.17 0.00	20.34 1.28 0.00	19.25 1.24 0.00	20.35 1.34 0.00	20.13 1.42 0.00	17.57 1.19 0.00	16.29 1.12 -0.01	17.62 1.15 -0.01	20.44 1.28 -0.13	20.10 1.16 -0.03	23.18 1.31 -0.03	28.76 1.85 -0.03	27.94 1.87 -0.03	32.22 2.17 -0.03	32.43 2.05 -0.03	29.71 1.78 -0.03	26.78 1.33 0.00
LWR___OSWEGATCHIE_HYD 23850	19.62 -0.74 0.00	19.62 -0.72 0.00	18.95 -0.55 0.00	19.89 -0.52 0.00	18.68 -0.52 0.00	19.52 -0.79 0.00	20.53 -0.98 0.00	17.83 -1.09 0.00	17.78 -1.29 0.00	16.71 -1.29 0.00	17.64 -1.36 0.00	17.32 -1.38 0.00	15.17 -1.21 0.00	12.75 -1.12 1.28	10.42 -1.29 4.76	20.62 -1.42 -3.01	21.67 -1.33 -4.09	24.75 -1.43 -4.33	30.23 -1.48 -4.82	29.40 -1.38 -4.74	34.02 -1.16 -5.15	34.84 -0.69 -5.18	31.83 -0.62 -4.55	24.99 -0.46 0.00
LYONS_FALL_HYD 23570	20.48 0.11 0.00	20.46 0.11 0.00	19.63 0.13 0.00	20.55 0.14 0.00	19.28 0.07 0.00	20.21 -0.10 0.00	21.29 -0.22 0.00	18.54 -0.38 0.00	18.56 -0.51 0.00	17.42 -0.59 0.00	18.34 -0.66 0.00	18.04 -0.67 0.00	15.76 -0.62 0.00	14.71 -0.53 -0.08	15.82 -0.62 0.03	19.38 -0.67 -1.02	19.42 -0.66 -1.16	22.43 -0.65 -1.23	27.78 -0.48 -1.37	26.89 -0.50 -1.35	31.34 -0.15 -1.47	32.13 0.31 -1.48	29.48 0.28 -1.30	25.72 0.27 0.00
MADISON___COUNTY_LFGE 323628	20.99 0.62 0.00	20.91 0.56 0.00	20.01 0.51 0.00	20.91 0.50 0.00	19.64 0.43 0.00	20.72 0.40 0.00	21.93 0.42 0.00	19.25 0.34 0.00	19.42 0.35 0.00	18.28 0.26 0.00	19.21 0.20 0.00	18.91 0.20 0.00	16.53 0.14 0.00	15.89 0.18 -0.56	18.19 0.17 -1.56	19.91 0.27 -0.61	19.56 0.27 -0.38	22.60 0.36 -0.40	27.91 0.59 -0.44	27.07 0.60 -0.43	31.29 0.79 -0.47	31.64 0.82 -0.48	29.03 0.71 -0.42	26.11 0.66 0.00
MALONE___115KV_TB1 356076	19.86 -0.50 0.00	19.62 -0.73 0.00	18.81 -0.69 0.00	19.97 -0.44 0.00	18.80 -0.41 0.00	20.05 -0.27 0.00	21.29 -0.22 0.00	18.60 -0.32 0.00	18.64 -0.43 0.00	17.53 -0.48 0.00	18.38 -0.63 0.00	17.92 -0.78 0.00	15.62 -0.77 0.00	21.61 -1.03 -7.48	31.62 -1.05 -16.21	42.64 -1.15 -24.75	43.66 -1.07 -25.82	47.94 -1.25 -27.35	55.81 -1.50 -30.43	54.50 -1.46 -29.92	60.99 -1.54 -32.50	61.65 -1.41 -32.71	55.29 -1.34 -28.71	25.09 -0.36 0.00
MAPLEWOD_115KV_TB3 80458	21.15 0.79 0.00	21.12 0.78 0.00	20.15 0.65 0.00	21.01 0.60 0.00	19.85 0.63 0.00	21.14 0.82 0.00	22.49 0.98 0.00	19.94 1.02 0.00	20.18 1.11 0.00	19.09 1.07 0.00	20.14 1.14 0.00	19.93 1.22 0.00	17.45 1.06 0.00	16.22 1.05 -0.01	17.57 1.09 0.00	20.34 1.17 -0.13	20.04 1.10 -0.04	23.09 1.22 -0.03	28.53 1.62 -0.03	27.67 1.61 -0.03	31.89 1.84 -0.03	32.06 1.69 -0.03	29.34 1.41 -0.03	26.45 1.00 0.00
MAPLE_RIDGE_WT_1 323574	19.48 -0.88 0.00	19.57 -0.77 0.00	18.88 -0.61 0.00	19.88 -0.54 0.00	18.72 -0.49 0.00	19.40 -0.92 0.00	20.20 -1.31 0.00	17.28 -1.65 0.00	17.27 -1.79 0.00	16.43 -1.58 0.00	17.47 -1.54 0.00	17.18 -1.52 0.00	15.01 -1.38 1.38	12.37 -1.41 4.08	10.91 -1.46 0.51	16.91 -1.61 0.00	17.33 -1.58 0.00	19.99 -1.86 0.00	24.96 -1.93 0.00	23.88 -2.16 0.00	28.25 -1.78 0.00	29.64 -0.71 0.00	27.30 -0.61 0.00	25.01 -0.45 0.00



MAPLE RIDGE_WT_2 323611	19.48 -0.88 0.00	19.57 -0.77 0.00	18.88 -0.61 0.00	19.88 -0.54 0.00	18.72 -0.49 0.00	19.40 -0.92 0.00	20.20 -1.31 0.00	17.28 -1.65 0.00	17.27 -1.79 0.00	16.43 -1.58 0.00	17.47 -1.54 0.00	17.18 -1.52 0.00	15.01 -1.38 0.00	12.37 -1.41 1.38	10.91 -1.46 4.08	16.91 -1.61 0.51	17.33 -1.58 0.00	19.99 -1.86 0.00	24.96 -1.93 0.00	23.88 -2.16 0.00	28.25 -1.78 0.00	29.64 -0.71 0.00	27.30 -0.61 0.00	25.01 -0.45 0.00
MARBLE RIVER_WT_PWR 323696	19.90 -0.46 0.00	19.57 -0.77 0.00	18.69 -0.80 0.00	19.92 -0.49 0.00	18.75 -0.46 0.00	20.11 -0.21 0.00	21.39 -0.12 0.00	18.68 -0.24 0.00	18.73 -0.33 0.00	17.62 -0.39 0.00	18.40 -0.61 0.00	17.94 -0.77 0.00	15.60 -0.79 0.00	-1.28 -1.13 15.31	-21.00 -1.14 36.32	-21.21 -1.23 39.00	-21.41 -1.16 39.16	-21.03 -1.40 41.47	-21.00 -1.74 46.14	-21.00 -1.67 45.37	-21.06 -1.81 49.28	-21.00 -1.74 49.61	-17.31 -1.67 43.54	24.99 -0.46 0.00
MARSHVLE_115KV_TB1 80742	22.07 1.71 0.00	21.97 1.62 0.00	21.05 1.56 0.00	22.07 1.66 0.00	20.75 1.54 0.00	21.82 1.50 0.00	22.93 1.42 0.00	20.06 1.14 0.00	20.15 1.09 0.00	19.13 1.11 -0.01	20.16 1.16 0.00	19.72 1.01 0.00	17.26 0.86 0.00	15.87 0.71 -0.01	17.25 0.78 -0.01	20.16 0.94 -0.19	20.05 1.10 -0.04	23.37 1.49 -0.03	28.66 1.74 -0.04	27.81 1.73 -0.04	32.27 2.20 -0.04	32.92 2.53 -0.04	30.22 2.28 -0.04	27.54 2.09 0.00
MARSH_HILL_WT_PWR 323713	21.39 1.03 0.00	21.30 0.96 0.00	20.24 0.74 0.00	20.90 0.49 0.00	19.24 0.03 0.00	20.49 0.18 0.00	21.83 0.33 0.00	18.75 -0.17 0.00	18.69 -0.37 0.00	18.42 -0.40 -0.82	18.41 -0.59 0.00	18.75 -0.64 -0.69	16.32 -0.63 -0.56	15.10 -0.45 -0.39	15.93 -0.53 0.00	37.24 -0.47 -18.67	20.31 0.03 -1.37	22.29 0.44 0.00	27.36 0.48 0.00	26.46 0.42 0.00	30.80 0.77 0.00	31.04 0.70 0.00	28.68 0.78 0.00	26.14 0.68 0.00
MCINTYRE_115KV_TB2 80467	19.83 -0.53 0.00	19.86 -0.49 0.00	19.28 -0.21 0.00	20.27 -0.14 0.00	19.08 -0.13 0.00	20.02 -0.30 0.00	21.14 -0.37 0.00	18.45 -0.47 0.00	18.42 -0.64 0.00	17.28 -0.73 0.00	18.30 -0.70 0.00	17.94 -0.76 0.00	15.78 -0.61 0.00	14.30 -0.67 0.18	14.13 -0.68 1.65	22.35 -0.67 -3.99	23.15 -0.54 -4.78	26.28 -0.62 -5.06	31.79 -0.73 -5.63	30.91 -0.66 -5.54	35.44 -0.60 -6.01	35.98 -0.43 -6.06	32.80 -0.42 -5.31	25.30 -0.15 0.00
MECO____69_KV_BK1 80468	22.60 2.23 0.00	22.46 2.12 0.00	21.46 1.97 0.00	22.48 2.07 0.00	21.17 1.96 0.00	22.36 2.04 0.00	23.63 2.12 0.00	20.74 1.82 0.00	20.81 1.74 0.00	19.47 1.46 -0.01	20.51 1.51 0.00	19.99 1.28 0.00	17.53 1.14 0.00	16.07 0.90 -0.01	17.22 0.75 -0.01	20.24 1.04 -0.17	20.47 1.52 -0.04	23.98 2.10 -0.03	29.32 2.40 -0.04	28.60 2.53 -0.04	33.05 2.98 -0.04	33.46 3.08 -0.04	30.66 2.72 -0.04	28.03 2.58 0.00
MENANDS__115KV_TB5 355628	20.84 0.48 0.00	20.82 0.48 0.00	19.88 0.39 0.00	20.71 0.30 0.00	19.58 0.37 0.00	20.84 0.53 0.00	22.19 0.68 0.00	19.70 0.78 0.00	19.95 0.88 0.00	18.89 0.88 0.00	19.91 0.90 0.00	19.72 1.02 0.00	17.28 0.89 0.00	16.07 0.91 -0.01	17.41 0.94 0.00	20.14 0.98 -0.13	19.82 0.88 -0.04	22.80 0.93 -0.03	28.15 1.24 -0.03	27.30 1.23 -0.03	31.44 1.38 -0.03	31.60 1.22 -0.03	28.92 0.99 -0.03	26.08 0.63 0.00
MG INDUSTRY__DRP 24185	20.92 0.56 0.00	20.90 0.55 0.00	19.93 0.44 0.00	20.81 0.41 0.00	19.61 0.40 0.00	20.82 0.50 0.00	22.14 0.63 0.00	19.59 0.67 0.00	19.83 0.76 0.00	18.80 0.78 0.00	19.83 0.82 0.00	19.60 0.89 0.00	17.16 0.76 0.00	15.93 0.77 -0.01	17.27 0.80 0.00	20.03 0.86 -0.13	19.72 0.78 -0.04	22.72 0.85 -0.03	27.97 1.05 -0.03	27.12 1.05 -0.03	31.24 1.18 -0.03	31.48 1.10 -0.03	28.87 0.93 -0.03	26.15 0.70 0.00
MID__OSWEGATCHIE_HYD 23849	19.62 -0.74 0.00	19.62 -0.72 0.00	18.95 -0.55 0.00	19.89 -0.52 0.00	18.68 -0.52 0.00	19.52 -0.79 0.00	20.53 -0.98 0.00	17.83 -1.09 0.00	17.78 -1.29 0.00	16.71 -1.29 0.00	17.64 -1.36 0.00	17.32 -1.38 0.00	15.17 -1.21 0.00	12.75 -1.12 1.28	10.42 -1.29 4.76	20.62 -1.42 -3.01	21.67 -1.33 -4.09	24.75 -1.43 -4.33	30.23 -1.48 -4.82	29.40 -1.38 -4.74	34.02 -1.16 -5.15	34.84 -0.69 -5.18	31.83 -0.62 -4.55	24.99 -0.46 0.00
MID__RAQUETTE_HYD 23851	19.27 -1.09 0.00	19.27 -1.07 0.00	18.70 -0.80 0.00	19.68 -0.73 0.00	18.50 -0.70 0.00	19.40 -0.92 0.00	20.48 -1.03 0.00	17.86 -1.06 0.00	17.85 -1.22 0.00	16.76 -1.25 0.00	17.73 -1.28 0.00	17.39 -1.32 0.00	15.27 -1.12 0.00	14.15 -1.14 -0.13	14.25 -1.20 1.01	22.90 -1.30 -5.17	23.74 -1.19 -6.01	26.86 -1.35 -6.37	32.39 -1.58 -7.09	31.49 -1.52 -6.97	36.05 -1.55 -7.57	36.63 -1.34 -7.62	33.35 -1.24 -6.69	24.60 -0.85 0.00
MILLIKEN__1 23584	21.18 0.82 0.00	21.10 0.76 0.00	20.14 0.64 0.00	21.06 0.64 0.00	19.81 0.60 0.00	20.88 0.57 0.00	22.15 0.64 0.00	19.46 0.55 0.00	19.64 0.58 0.00	18.55 0.48 -0.06	19.42 0.41 0.00	19.19 0.44 -0.05	16.75 0.32 -0.04	15.52 0.33 -0.03	16.81 0.37 0.02	20.93 0.43 -1.47	19.67 0.54 -0.23	22.68 0.70 -0.13	27.94 0.91 -0.15	27.09 0.90 -0.15	31.26 1.07 -0.16	31.55 1.04 -0.16	28.96 0.91 -0.14	26.26 0.81 0.00
MILLIKEN__2 23585	21.18 0.82 0.00	21.10 0.76 0.00	20.14 0.64 0.00	21.06 0.64 0.00	19.81 0.60 0.00	20.88 0.57 0.00	22.15 0.64 0.00	19.46 0.55 0.00	19.64 0.58 0.00	18.55 0.48 -0.06	19.42 0.41 0.00	19.19 0.44 -0.05	16.75 0.32 -0.04	15.52 0.33 -0.03	16.81 0.37 0.02	20.93 0.43 -1.47	19.67 0.54 -0.23	22.68 0.70 -0.13	27.94 0.91 -0.15	27.09 0.90 -0.15	31.26 1.07 -0.16	31.55 1.04 -0.16	28.96 0.91 -0.14	26.26 0.81 0.00
MILLIKEN__DIESEL 23629	21.18 0.82 0.00	21.10 0.76 0.00	20.14 0.64 0.00	21.06 0.64 0.00	19.81 0.60 0.00	20.88 0.57 0.00	22.15 0.64 0.00	19.46 0.55 0.00	19.64 0.58 0.00	18.55 0.48 -0.06	19.42 0.41 0.00	19.19 0.44 -0.05	16.75 0.32 -0.04	15.52 0.33 -0.03	16.81 0.37 0.02	20.93 0.43 -1.47	19.67 0.54 -0.23	22.68 0.70 -0.13	27.94 0.91 -0.15	27.09 0.90 -0.15	31.26 1.07 -0.16	31.55 1.04 -0.16	28.96 0.91 -0.14	26.26 0.81 0.00
MILLSEAT__LFGE 323607	21.23 0.87 0.00	21.07 0.72 0.00	20.14 0.64 0.00	20.98 0.57 0.00	19.84 0.63 0.00	20.90 0.58 0.00	22.03 0.52 0.00	19.24 0.32 0.00	19.42 0.36 0.00	18.08 0.18 0.11	19.24 0.23 0.00	18.90 0.29 0.10	16.58 0.27 0.08	15.34 0.24 0.06	16.51 0.05 0.00	16.50 0.19 2.72	18.94 0.23 0.20	22.09 0.25 0.00	27.23 0.35 0.00	26.29 0.25 0.00	30.31 0.28 0.00	30.53 0.19 0.00	28.09 0.18 0.00	25.67 0.22 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.86 1.50 0.00	21.72 1.37 0.00	20.67 1.18 0.00	21.50 1.09 0.00	20.28 1.08 0.00	21.59 1.28 0.00	23.05 1.54 0.00	20.44 1.53 0.00	20.73 1.66 0.00	19.79 1.78 -0.01	20.93 1.93 0.00	20.73 2.02 0.00	18.11 1.72 0.00	16.85 1.68 -0.01	18.28 1.81 -0.01	21.20 2.00 -0.17	20.75 1.80 -0.04	23.90 2.03 -0.03	29.28 2.36 -0.04	28.41 2.33 -0.04	32.66 2.59 -0.04	32.97 2.58 -0.04	30.21 2.27 -0.04	27.31 1.86 0.00



MILLWOOD_13_KV_LOAD 356217	21.91 1.55 0.00	21.77 1.43 0.00	20.71 1.22 0.00	21.54 1.13 0.00	20.32 1.12 0.00	21.64 1.32 0.00	23.09 1.58 0.00	20.48 1.56 0.00	20.77 1.70 0.00	19.83 1.82 -0.01	20.98 1.98 0.00	20.77 2.06 0.00	18.15 1.76 0.00	16.89 1.72 -0.01	18.31 1.84 -0.01	21.24 2.05 -0.17	20.80 1.85 -0.04	23.95 2.08 -0.03	29.35 2.43 -0.04	28.47 2.40 -0.04	32.74 2.67 -0.04	33.04 2.65 -0.04	30.28 2.34 -0.04	27.36 1.91 0.00
MODEL_CITY_ENERGY 24167	20.35 -0.01 0.00	20.19 -0.15 0.00	19.32 -0.17 0.00	20.13 -0.28 0.00	19.04 -0.16 0.00	20.00 -0.31 0.00	21.01 -0.49 0.00	18.30 -0.62 0.00	18.45 -0.61 0.00	17.11 -0.71 0.19	18.35 -0.66 0.00	17.95 -0.59 0.16	15.75 -0.50 0.13	14.63 -0.43 0.09	15.80 -0.66 0.00	14.02 -0.64 4.37	17.81 -0.77 0.32	20.84 -1.01 0.00	25.71 -1.17 0.00	24.79 -1.24 0.00	28.56 -1.47 0.00	28.79 -1.56 0.00	26.57 -1.34 0.00	24.36 -1.09 0.00
MODERN_LFGE_ 323580	20.35 -0.01 0.00	20.19 -0.15 0.00	19.32 -0.17 0.00	20.13 -0.28 0.00	19.04 -0.16 0.00	20.00 -0.31 0.00	21.01 -0.49 0.00	18.30 -0.62 0.00	18.45 -0.61 0.00	17.11 -0.71 0.19	18.35 -0.66 0.00	17.95 -0.59 0.16	15.75 -0.50 0.13	14.63 -0.43 0.09	15.80 -0.66 0.00	14.02 -0.64 4.37	17.81 -0.77 0.32	20.84 -1.01 0.00	25.71 -1.17 0.00	24.79 -1.24 0.00	28.56 -1.47 0.00	28.79 -1.56 0.00	26.57 -1.34 0.00	24.36 -1.09 0.00
MOHAWK_PAPER___DRP 24187	21.15 0.79 0.00	21.12 0.78 0.00	20.15 0.65 0.00	21.01 0.60 0.00	19.85 0.63 0.00	21.14 0.82 0.00	22.49 0.98 0.00	19.94 1.02 0.00	20.18 1.11 0.00	19.09 1.07 0.00	20.14 1.14 0.00	19.93 1.22 0.00	17.45 1.06 0.00	16.22 1.05 -0.01	17.57 1.09 0.00	20.34 1.17 -0.13	20.04 1.10 -0.04	23.09 1.22 -0.03	28.53 1.62 -0.03	27.67 1.61 -0.03	31.89 1.84 -0.03	32.06 1.69 -0.03	29.34 1.41 -0.03	26.45 1.00 0.00
MOHICAN__35_KV_115KV_LD 80490	21.61 1.25 0.00	21.52 1.18 0.00	20.51 1.01 0.00	21.47 1.06 0.00	20.27 1.06 0.00	21.60 1.28 0.00	22.97 1.46 0.00	20.24 1.33 0.00	20.55 1.48 0.00	19.44 1.42 0.00	20.53 1.52 0.00	20.34 1.63 0.00	17.70 1.31 0.00	16.34 1.36 -0.01	17.58 1.11 -0.01	20.33 1.17 -0.13	19.93 0.99 -0.03	23.04 1.17 -0.03	28.89 1.98 -0.03	28.13 2.06 -0.03	32.48 2.42 -0.03	32.65 2.27 -0.03	29.94 2.01 -0.03	26.90 1.45 0.00
MONGAUP___HYD 23641	21.90 1.54 0.00	21.77 1.43 0.00	20.72 1.23 0.00	21.58 1.16 0.00	20.34 1.13 0.00	21.64 1.32 0.00	23.06 1.56 0.00	20.45 1.53 0.00	20.73 1.66 0.00	19.68 1.67 0.00	20.79 1.78 0.00	20.46 1.76 0.00	17.83 1.44 0.00	16.52 1.36 0.00	17.89 1.43 0.00	20.83 1.81 0.00	20.57 1.66 0.00	23.65 1.80 0.00	28.94 2.06 0.00	28.17 2.14 0.00	32.45 2.42 0.00	32.89 2.54 0.00	30.16 2.26 0.00	27.33 1.88 0.00
MONTAUK___DIESEL 23721	22.30 1.94 0.00	21.94 1.60 0.00	20.82 1.32 0.00	21.92 1.51 0.00	20.68 1.47 0.00	22.26 1.95 0.00	24.11 2.59 0.00	21.20 2.28 0.00	21.36 2.30 0.00	20.34 2.32 -0.01	21.48 2.47 0.00	21.32 2.61 0.00	18.64 2.24 0.00	17.20 2.03 -0.01	18.70 2.24 -0.01	21.67 2.47 -0.17	21.20 2.25 -0.04	24.57 2.70 -0.03	30.56 3.64 -0.04	29.58 3.51 -0.04	34.05 3.99 -0.04	34.59 4.20 -0.04	31.40 3.46 -0.04	27.99 2.54 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.97 1.61 0.00	21.65 1.31 0.00	20.74 1.24 0.00	21.44 1.03 0.00	20.53 1.32 0.00	21.62 1.30 0.00	22.64 1.13 0.00	19.74 0.83 0.00	19.81 0.74 0.00	18.45 0.61 0.17	19.62 0.62 0.00	19.31 0.75 0.14	16.67 0.40 0.11	15.35 0.28 0.09	16.55 0.15 0.06	15.56 0.30 3.77	19.37 0.63 0.18	22.84 0.88 -0.11	28.33 1.32 -0.13	27.54 1.37 -0.13	31.68 1.51 -0.13	31.88 1.40 -0.14	29.25 1.22 -0.12	26.64 1.20 0.00
MORTIMER_115KV_TB3 55949	20.89 0.53 0.00	20.76 0.42 0.00	19.86 0.36 0.00	20.73 0.32 0.00	19.58 0.37 0.00	20.60 0.28 0.00	21.77 0.26 0.00	19.06 0.14 0.00	19.23 0.17 0.00	18.10 0.10 0.02	19.14 0.14 0.00	18.83 0.14 0.02	16.50 0.13 0.02	15.27 0.14 0.03	16.43 0.05 0.08	18.58 0.02 0.47	19.03 0.05 -0.07	21.99 0.03 -0.12	27.11 0.09 -0.13	26.20 0.02 -0.13	30.20 0.03 -0.14	30.45 -0.05 -0.14	28.00 -0.03 -0.13	25.44 -0.01 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.97 1.62 0.00	21.82 1.48 0.00	20.76 1.27 0.00	21.58 1.17 0.00	20.36 1.15 0.00	21.68 1.36 0.00	23.14 1.63 0.00	20.53 1.62 0.00	20.82 1.76 0.00	19.90 1.89 -0.01	21.05 2.04 0.00	20.85 2.14 0.00	18.23 1.83 0.00	16.96 1.80 -0.01	18.39 1.93 -0.01	21.33 2.13 -0.17	20.87 1.92 -0.04	24.02 2.14 -0.03	29.39 2.47 -0.04	28.52 2.45 -0.04	32.77 2.71 -0.04	33.12 2.74 -0.04	30.36 2.42 -0.04	27.45 2.00 0.00
MUNSVILLE_WIND_PWR 323609	22.00 1.64 0.00	21.76 1.42 0.00	20.92 1.42 0.00	21.99 1.58 0.00	20.59 1.38 0.00	21.64 1.32 0.00	22.97 1.45 0.00	20.24 1.32 0.00	20.37 1.30 0.00	19.22 1.18 -0.04	19.92 0.92 0.00	19.55 0.81 -0.04	16.99 0.57 -0.03	15.71 0.53 -0.02	17.00 0.54 0.00	20.75 0.78 -0.95	20.04 1.06 -0.07	23.24 1.39 0.00	29.17 2.29 0.00	28.51 2.48 0.00	32.99 2.96 0.00	33.21 2.86 0.00	30.43 2.53 0.00	27.64 2.18 0.00
N SALMON___HYD 24042	19.87 -0.50 0.00	19.62 -0.72 0.00	18.81 -0.69 0.00	19.97 -0.45 0.00	18.80 -0.41 0.00	20.05 -0.27 0.00	21.29 -0.22 0.00	18.60 -0.32 0.00	18.64 -0.43 0.00	17.53 -0.48 0.00	18.38 -0.63 0.00	17.92 -0.78 0.00	15.62 -0.76 0.00	21.60 -1.04 -7.48	31.62 -1.06 -16.21	42.63 -1.15 -24.75	43.66 -1.08 -25.82	47.94 -1.26 -27.35	55.81 -1.50 -30.43	54.49 -1.46 -29.92	60.97 -1.55 -32.50	61.64 -1.42 -32.71	55.28 -1.34 -28.71	25.09 -0.36 0.00
N.AKRON__115KV_KNAPP 355671	20.90 0.54 0.00	20.73 0.38 0.00	19.83 0.33 0.00	20.67 0.26 0.00	19.54 0.33 0.00	20.55 0.23 0.00	21.61 0.10 0.00	18.87 -0.05 0.00	19.03 -0.03 0.00	17.67 -0.19 0.15	18.89 -0.12 0.00	18.51 -0.06 0.13	16.24 -0.04 0.11	15.05 -0.02 0.09	16.16 -0.23 0.07	15.37 -0.19 3.47	18.53 -0.23 0.15	21.64 -0.32 -0.12	26.70 -0.31 -0.13	25.80 -0.37 -0.13	29.69 -0.47 -0.14	29.92 -0.56 -0.14	27.56 -0.46 -0.12	25.15 -0.31 0.00
N.BELMOR_69_KV_BK1 55787	22.07 1.71 0.00	21.80 1.46 0.00	20.69 1.20 0.00	21.61 1.20 0.00	20.39 1.18 0.00	21.80 1.49 0.00	23.55 2.05 0.00	20.68 1.76 0.00	20.95 1.88 0.00	20.04 2.03 -0.01	21.26 2.25 0.00	21.08 2.37 0.00	18.36 1.97 0.00	17.04 1.87 -0.01	18.51 2.04 -0.01	21.42 2.22 -0.17	20.90 1.95 -0.04	24.15 2.27 -0.03	29.71 2.79 -0.04	28.80 2.73 -0.04	33.15 3.08 -0.04	33.54 3.15 -0.04	30.60 2.66 -0.04	27.60 2.15 0.00
N.E._GEN_SANDY PD 24062	21.27 0.91 0.00	21.20 0.86 0.00	20.20 0.71 0.00	21.05 0.64 0.00	19.90 0.68 0.00	21.25 0.93 0.00	22.66 1.15 0.00	20.13 1.22 0.00	20.41 1.35 0.00	19.37 1.36 0.00	20.52 1.51 0.00	20.33 1.62 0.00	17.76 1.37 0.00	16.54 1.38 0.00	17.92 1.46 0.00	20.59 1.56 0.00	20.28 1.37 0.00	23.31 1.46 0.00	28.74 1.86 0.00	27.87 1.84 0.00	32.10 2.07 0.00	32.29 1.94 0.00	30.35 1.63 -0.81	25.79 1.16 0.82



N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.88 1.52 0.00	21.74 1.40 0.00	20.69 1.20 0.00	21.53 1.12 0.00	20.30 1.10 0.00	21.61 1.30 0.00	23.05 1.54 0.00	20.44 1.53 0.00	20.72 1.65 0.00	19.76 1.75 -0.01	20.91 1.90 0.00	20.70 1.99 0.00	18.08 1.69 0.00	16.83 1.67 -0.01	18.26 1.80 -0.01	21.19 1.99 -0.17	20.75 1.80 -0.04	23.90 2.03 -0.03	29.28 2.36 -0.04	28.41 2.33 -0.04	32.66 2.60 -0.04	32.97 2.58 -0.04	30.21 2.28 -0.04	27.33 1.88 0.00
N. QUEENS_27_KV_LOAD 356247	22.06 1.70 0.00	21.88 1.53 0.00	20.80 1.30 0.00	21.58 1.17 0.00	20.38 1.17 0.00	21.69 1.37 0.00	23.14 1.63 0.00	20.54 1.62 0.00	20.84 1.77 0.00	19.94 1.93 -0.01	21.09 2.08 0.00	20.88 2.18 0.00	18.25 1.86 0.00	16.98 1.81 -0.01	18.41 1.95 -0.01	21.36 2.16 -0.17	20.91 1.96 -0.04	24.08 2.20 -0.03	29.43 2.51 -0.04	28.54 2.47 -0.04	32.80 2.73 -0.04	33.15 2.76 -0.04	30.39 2.45 -0.04	27.48 2.03 0.00
N. TROY___115KV_TB1 355778	21.09 0.73 0.00	21.06 0.72 0.00	20.08 0.58 0.00	20.96 0.55 0.00	19.80 0.59 0.00	21.11 0.79 0.00	22.47 0.96 0.00	19.91 0.99 0.00	20.16 1.09 0.00	19.06 1.05 0.00	20.15 1.14 0.00	19.94 1.23 0.00	17.43 1.04 0.00	16.20 1.04 -0.01	17.55 1.08 0.00	20.31 1.15 -0.13	19.96 1.01 -0.04	22.98 1.10 -0.03	28.43 1.52 -0.03	27.58 1.51 -0.03	31.79 1.73 -0.03	31.97 1.59 -0.03	29.26 1.33 -0.03	26.37 0.92 0.00
NARROWS_GT1_1 24228	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.46 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
NARROWS_GT1_2 24229	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.46 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
NARROWS_GT1_3 24230	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.46 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
NARROWS_GT1_4 24231	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.46 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
NARROWS_GT1_5 24232	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.46 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
NARROWS_GT1_6 24233	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.46 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
NARROWS_GT1_7 24234	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.46 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
NARROWS_GT1_8 24235	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.46 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
NARROWS_GT2_1 24236	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.46 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
NARROWS_GT2_2 24237	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.46 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
NARROWS_GT2_3 24238	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.46 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
NARROWS_GT2_4 24239	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.46 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00



NARROWS_GT2_5 24240	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.46 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
NARROWS_GT2_6 24241	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.46 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
NARROWS_GT2_7 24242	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.46 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
NARROWS_GT2_8 24243	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.46 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.18 0.82 0.00	21.20 0.86 0.00	20.23 0.74 0.00	21.11 0.70 0.00	19.92 0.71 0.00	21.23 0.91 0.00	22.58 1.07 0.00	20.04 1.12 0.00	20.32 1.25 0.00	19.18 1.17 0.00	20.11 1.10 0.00	19.86 1.15 0.00	17.43 1.04 0.00	16.13 0.97 -0.01	17.45 0.98 -0.01	20.23 1.06 -0.14	20.09 1.14 -0.04	23.21 1.34 -0.03	28.82 1.90 -0.03	27.97 1.90 -0.03	32.20 2.14 -0.03	32.28 1.90 -0.03	29.66 1.73 -0.03	26.70 1.25 0.00
NCHELSEA_115KV_TR2 355582	21.99 1.63 0.00	21.84 1.50 0.00	20.79 1.29 0.00	21.64 1.23 0.00	20.40 1.19 0.00	21.71 1.40 0.00	23.18 1.67 0.00	20.56 1.64 0.00	20.86 1.79 0.00	19.89 1.88 -0.01	21.05 2.04 0.00	20.83 2.12 0.00	18.17 1.78 0.00	16.89 1.72 -0.01	18.34 1.88 -0.01	21.31 2.11 -0.17	20.87 1.92 -0.04	24.03 2.16 -0.03	29.46 2.54 -0.04	28.61 2.53 -0.04	32.91 2.84 -0.04	33.19 2.80 -0.04	30.41 2.47 -0.04	27.47 2.02 0.00
NEG CAPITAL___MECHNVIL 23645	21.39 1.03 0.00	21.32 0.98 0.00	20.32 0.83 0.00	21.24 0.83 0.00	20.05 0.84 0.00	21.36 1.04 0.00	22.73 1.22 0.00	20.09 1.17 0.00	20.36 1.29 0.00	19.26 1.25 0.00	20.34 1.33 0.00	20.12 1.42 0.00	17.57 1.18 0.00	16.29 1.13 0.00	17.62 1.16 0.00	20.31 1.28 0.00	20.08 1.18 0.00	23.17 1.33 0.00	28.73 1.84 0.00	27.91 1.87 0.00	32.18 2.15 0.00	32.37 2.02 0.00	29.64 1.73 0.00	26.74 1.29 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.86 0.50 0.00	20.75 0.40 0.00	19.84 0.34 0.00	20.71 0.30 0.00	19.55 0.34 0.00	20.58 0.27 0.00	21.73 0.22 0.00	19.04 0.12 0.00	19.22 0.16 0.00	18.07 0.06 0.00	19.11 0.11 0.00	18.83 0.12 0.00	16.48 0.09 0.00	15.29 0.13 0.00	16.52 0.06 0.00	19.10 0.07 0.00	19.02 0.11 0.00	21.94 0.10 0.00	27.03 0.15 0.00	26.12 0.08 0.00	30.14 0.11 0.00	30.37 0.02 0.00	27.92 0.01 0.00	25.49 0.04 0.00
NEG CENTRAL___DRP 24199	21.03 0.67 0.00	20.94 0.60 0.00	19.99 0.49 0.00	20.88 0.47 0.00	19.62 0.41 0.00	20.71 0.39 0.00	21.94 0.42 0.00	19.25 0.33 0.00	19.41 0.35 0.00	18.37 0.28 -0.08	19.27 0.27 0.00	19.04 0.27 -0.06	16.62 0.18 -0.05	15.41 0.24 -0.02	16.58 0.21 0.09	21.19 0.28 -1.88	19.53 0.36 -0.27	22.45 0.46 -0.14	27.62 0.58 -0.16	26.76 0.57 -0.16	30.88 0.68 -0.17	31.14 0.62 -0.17	28.59 0.54 -0.15	25.94 0.49 0.00
NEG CENTRAL___INDECK 23768	21.55 1.19 0.00	21.40 1.06 0.00	20.42 0.92 0.00	21.24 0.83 0.00	19.92 0.71 0.00	21.00 0.68 0.00	22.16 0.65 0.00	18.96 0.05 0.00	18.85 -0.21 0.00	18.62 -0.23 -0.84	18.63 -0.38 0.00	19.10 -0.31 -0.71	16.69 -0.28 -0.57	15.30 -0.26 -0.40	16.06 -0.40 0.00	37.84 -0.38 -19.20	20.31 -0.01 -1.41	21.99 0.15 0.00	27.10 0.22 0.00	26.17 0.13 0.00	30.37 0.34 0.00	31.28 0.93 0.00	28.89 0.99 0.00	26.30 0.85 0.00
NEG CENTRAL___SENECA 23627	21.23 0.87 0.00	21.13 0.79 0.00	20.16 0.67 0.00	21.05 0.64 0.00	19.76 0.55 0.00	20.87 0.55 0.00	22.12 0.60 0.00	19.38 0.46 0.00	19.53 0.47 0.00	18.51 0.38 -0.12	19.39 0.38 0.00	19.17 0.36 -0.10	16.72 0.25 -0.08	15.52 0.32 -0.04	16.66 0.28 0.08	22.34 0.39 -2.92	19.72 0.48 -0.33	22.59 0.62 -0.13	27.80 0.78 -0.14	26.95 0.77 -0.14	31.10 0.92 -0.16	31.35 0.85 -0.16	28.79 0.74 -0.14	26.16 0.70 0.00
NEG CENTRAL___STATE_STREET 24147	21.02 0.66 0.00	20.96 0.62 0.00	19.95 0.46 0.00	20.90 0.49 0.00	19.69 0.48 0.00	20.70 0.38 0.00	21.97 0.46 0.00	19.30 0.38 0.00	19.51 0.44 0.00	18.46 0.42 -0.03	19.41 0.40 0.00	19.21 0.48 -0.03	16.79 0.38 -0.02	15.53 0.38 0.00	16.76 0.39 0.09	20.34 0.45 -0.85	19.66 0.55 -0.20	22.62 0.62 -0.15	27.85 0.79 -0.17	26.93 0.72 -0.17	31.06 0.85 -0.19	31.41 0.87 -0.19	28.86 0.79 -0.16	26.02 0.57 0.00
NEG MILLWOOD___DRP 24198	22.00 1.64 0.00	21.85 1.51 0.00	20.79 1.30 0.00	21.64 1.23 0.00	20.41 1.20 0.00	21.73 1.42 0.00	23.20 1.69 0.00	20.58 1.66 0.00	20.89 1.82 0.00	19.94 1.93 -0.01	21.11 2.10 0.00	20.89 2.18 0.00	18.23 1.84 0.00	16.95 1.78 -0.01	18.40 1.93 -0.01	21.35 2.15 -0.17	20.90 1.95 -0.04	24.08 2.20 -0.03	29.52 2.60 -0.04	28.66 2.58 -0.04	32.94 2.88 -0.04	33.24 2.85 -0.04	30.45 2.51 -0.04	27.49 2.03 0.00
NEG NORTH_FLCN_SEA 23793	20.08 -0.28 0.00	19.74 -0.60 0.00	18.82 -0.68 0.00	20.09 -0.32 0.00	18.88 -0.33 0.00	20.28 -0.04 0.00	21.58 0.07 0.00	18.86 -0.06 0.00	18.91 -0.16 0.00	17.78 -0.23 0.00	18.57 -0.43 0.00	18.11 -0.60 0.00	15.73 -0.66 0.00	-1.28 -1.00 15.44	-21.19 -1.03 36.62	-21.45 -1.13 39.35	-21.69 -1.10 39.50	-21.29 -1.29 41.84	-21.20 -1.54 46.55	-21.19 -1.47 45.77	-21.33 -1.65 49.71	-21.23 -1.53 50.05	-17.48 -1.46 43.93	25.19 -0.27 0.00
NEG NORTH_KES_CHATEGAY 23792	19.92 -0.44 0.00	19.61 -0.73 0.00	18.73 -0.76 0.00	19.96 -0.46 0.00	18.79 -0.41 0.00	20.14 -0.18 0.00	21.41 -0.10 0.00	18.70 -0.23 0.00	18.73 -0.33 0.00	17.61 -0.40 0.00	18.40 -0.61 0.00	17.91 -0.79 0.00	15.57 -0.82 0.00	-2.34 -1.15 16.35	-23.45 -1.17 38.75	-24.01 -1.28 41.76	-24.24 -1.21 41.95	-24.02 -1.44 44.43	-24.29 -1.74 49.43	-24.25 -1.69 48.60	-24.60 -1.84 52.79	-24.53 -1.74 53.14	-20.33 -1.59 46.64	25.06 -0.39 0.00



NEG NORTH___ALICE_FALLS 23915	20.06 -0.31 0.00	19.71 -0.63 0.00	18.80 -0.70 0.00	20.05 -0.36 0.00	18.85 -0.36 0.00	20.24 -0.07 0.00	21.54 0.03 0.00	18.84 -0.08 0.00	18.89 -0.18 0.00	17.74 -0.27 0.00	18.54 -0.47 0.00	18.06 -0.64 0.00	15.69 -0.70 0.00	-1.46 -1.04 15.58	-21.56 -1.06 36.96	-21.83 -1.13 39.73	-22.08 -1.10 39.89	-21.68 -1.28 42.25	-21.64 -1.52 47.01	-21.63 -1.45 46.22	-21.78 -1.60 50.20	-21.67 -1.48 50.54	-17.89 -1.43 44.36	25.21 -0.24 0.00
NEG NORTH___LWR_SARANAC 23913	20.06 -0.31 0.00	19.71 -0.63 0.00	18.80 -0.70 0.00	20.05 -0.36 0.00	18.85 -0.36 0.00	20.24 -0.07 0.00	21.54 0.03 0.00	18.84 -0.08 0.00	18.89 -0.18 0.00	17.74 -0.27 0.00	18.54 -0.47 0.00	18.06 -0.64 0.00	15.69 -0.70 0.00	-1.46 -1.04 15.58	-21.56 -1.06 36.96	-21.83 -1.13 39.73	-22.08 -1.10 39.89	-21.68 -1.28 42.25	-21.64 -1.52 47.01	-21.63 -1.45 46.22	-21.78 -1.60 50.20	-21.67 -1.48 50.54	-17.89 -1.43 44.36	25.21 -0.24 0.00
NEG NORTH___PLATTSBURG 23628	20.06 -0.31 0.00	19.71 -0.63 0.00	18.80 -0.70 0.00	20.05 -0.36 0.00	18.85 -0.36 0.00	20.24 -0.07 0.00	21.54 0.03 0.00	18.84 -0.08 0.00	18.89 -0.18 0.00	17.74 -0.27 0.00	18.54 -0.47 0.00	18.07 -0.64 0.00	15.69 -0.70 0.00	-1.46 -1.04 15.58	-21.56 -1.06 36.96	-21.84 -1.14 39.73	-22.07 -1.09 39.89	-21.69 -1.28 42.25	-21.65 -1.52 47.01	-21.64 -1.46 46.22	-21.78 -1.61 50.20	-21.68 -1.49 50.54	-17.89 -1.44 44.36	25.21 -0.24 0.00
NEG WEST_LEA_LOCKPORT 23791	20.59 0.22 0.00	20.41 0.07 0.00	19.54 0.04 0.00	20.37 -0.04 0.00	19.25 0.04 0.00	20.23 -0.09 0.00	21.24 -0.27 0.00	18.53 -0.39 0.00	18.67 -0.39 0.00	17.31 -0.51 0.19	18.57 -0.44 0.00	18.16 -0.38 0.16	15.92 -0.33 0.13	14.77 -0.28 0.11	15.90 -0.49 0.07	14.11 -0.53 4.39	18.08 -0.61 0.22	21.18 -0.78 -0.11	26.15 -0.86 -0.13	25.26 -0.91 -0.13	29.07 -1.10 -0.14	29.30 -1.19 -0.14	27.02 -1.01 -0.12	24.66 -0.79 0.00
NEG WEST___LANCASTR 23811	21.49 1.13 0.00	21.33 0.98 0.00	20.39 0.90 0.00	21.28 0.86 0.00	20.08 0.87 0.00	21.12 0.81 0.00	22.27 0.76 0.00	19.46 0.54 0.00	19.63 0.57 0.00	18.27 0.45 0.00	19.57 0.57 0.00	19.13 0.59 0.16	16.71 0.46 0.13	15.55 0.49 0.11	16.78 0.38 0.06	15.10 0.46 4.39	19.07 0.39 0.22	22.34 0.39 -0.11	27.55 0.54 -0.13	26.65 0.49 -0.13	30.72 0.56 -0.13	30.99 0.51 -0.14	28.56 0.54 -0.12	26.05 0.60 0.00
NEG_PENN_ALLEGHNY 23528	21.18 0.82 0.00	21.10 0.76 0.00	20.15 0.65 0.00	21.04 0.63 0.00	19.78 0.57 0.00	20.91 0.60 0.00	22.17 0.66 0.00	19.48 0.57 0.00	19.69 0.63 0.00	18.65 0.64 0.00	19.66 0.66 0.00	19.38 0.68 0.00	16.91 0.52 0.00	15.72 0.56 0.00	17.02 0.64 0.00	19.67 0.60 0.00	19.51 0.60 0.00	22.60 0.75 0.00	27.79 0.91 0.00	26.97 0.93 0.00	31.09 1.06 0.00	31.40 1.06 0.00	28.85 0.94 0.00	26.28 0.83 0.00
NEG___GEN_MONROE 24207	21.04 0.68 0.00	20.90 0.56 0.00	19.99 0.49 0.00	20.85 0.45 0.00	19.70 0.49 0.00	20.79 0.48 0.00	21.91 0.40 0.00	19.17 0.25 0.00	19.35 0.28 0.00	18.16 0.17 0.02	19.22 0.21 0.00	18.91 0.23 0.03	16.58 0.21 0.02	15.33 0.20 0.03	16.48 0.09 0.08	18.55 0.12 0.60	19.13 0.15 -0.06	22.13 0.17 -0.12	27.29 0.27 -0.13	26.35 0.19 -0.13	30.39 0.22 -0.14	30.63 0.14 -0.14	28.18 0.15 -0.13	25.60 0.15 0.00
NEPA___ENERGY 23901	21.62 1.27 0.00	21.44 1.10 0.00	20.51 1.01 0.00	21.36 0.95 0.00	20.19 0.98 0.00	21.28 0.96 0.00	22.43 0.92 0.00	19.61 0.69 0.00	19.79 0.73 0.00	18.54 0.73 0.20	19.84 0.83 0.00	19.42 0.88 0.17	16.88 0.62 0.14	15.70 0.65 0.11	16.94 0.54 0.06	15.20 0.63 4.46	19.31 0.63 0.23	22.73 0.77 -0.11	28.00 0.99 -0.13	27.18 1.02 -0.12	31.29 1.13 -0.13	31.62 1.13 -0.14	29.11 1.09 -0.12	26.48 1.03 0.00
NEVERSINK___HYD 23608	21.86 1.50 0.00	21.75 1.41 0.00	20.70 1.21 0.00	21.56 1.15 0.00	20.32 1.12 0.00	21.61 1.29 0.00	23.05 1.54 0.00	20.44 1.52 0.00	20.74 1.68 0.00	19.72 1.71 0.00	20.89 1.88 0.00	20.58 1.87 0.00	17.56 1.17 0.00	16.31 1.15 0.00	17.72 1.26 0.00	20.37 1.34 0.00	20.11 1.21 0.00	23.19 1.35 0.00	28.47 1.59 0.00	27.70 1.67 0.00	32.55 2.52 0.00	32.84 2.50 0.00	30.54 2.64 0.00	27.80 2.35 0.00
NEWKRMKL_115KV_TB1 55635	20.78 0.42 0.00	20.76 0.42 0.00	19.83 0.33 0.00	20.65 0.23 0.00	19.52 0.31 0.00	20.76 0.44 0.00	22.09 0.58 0.00	19.61 0.69 0.00	19.86 0.79 0.00	18.81 0.80 0.00	19.81 0.80 0.00	19.62 0.91 0.00	17.19 0.80 0.00	15.98 0.82 -0.01	17.32 0.85 0.00	20.04 0.87 -0.13	19.73 0.79 -0.04	22.71 0.84 -0.03	28.02 1.11 -0.03	27.17 1.11 -0.03	31.29 1.23 -0.03	31.46 1.08 -0.03	28.80 0.86 -0.03	26.00 0.55 0.00
NEWTON___FALLS_HYD 23847	19.62 -0.74 0.00	19.62 -0.72 0.00	18.95 -0.55 0.00	19.89 -0.52 0.00	18.68 -0.52 0.00	19.52 -0.79 0.00	20.53 -0.98 0.00	17.83 -1.09 0.00	17.78 -1.29 0.00	16.71 -1.29 0.00	17.64 -1.36 0.00	17.32 -1.38 0.00	15.17 -1.21 0.00	12.75 -1.12 1.28	10.42 -1.29 4.76	20.62 -1.42 -3.01	21.67 -1.33 -4.09	24.75 -1.43 -4.33	30.23 -1.48 -4.82	29.40 -1.38 -4.74	34.02 -1.16 -5.15	34.84 -0.69 -5.18	31.83 -0.62 -4.55	24.99 -0.46 0.00
NGRID_A1_DSASP 323792	20.26 -0.10 0.00	20.12 -0.23 0.00	19.25 -0.24 0.00	20.07 -0.34 0.00	18.99 -0.22 0.00	19.94 -0.38 0.00	20.94 -0.57 0.00	18.23 -0.69 0.00	18.37 -0.69 0.00	17.04 -0.78 0.19	18.30 -0.71 0.00	17.89 -0.65 0.16	15.70 -0.56 0.13	14.58 -0.49 0.09	15.77 -0.70 0.00	13.80 -0.76 4.47	17.72 -0.86 0.33	20.74 -1.11 0.00	25.59 -1.30 0.00	24.67 -1.37 0.00	28.42 -1.61 0.00	28.64 -1.71 0.00	26.43 -1.48 0.00	24.22 -1.23 0.00
NGRID_A2_DSASP 323793	20.26 -0.10 0.00	20.12 -0.23 0.00	19.25 -0.24 0.00	20.07 -0.34 0.00	18.99 -0.22 0.00	19.94 -0.38 0.00	20.94 -0.57 0.00	18.23 -0.69 0.00	18.37 -0.69 0.00	17.04 -0.78 0.19	18.30 -0.71 0.00	17.89 -0.65 0.16	15.70 -0.56 0.13	14.58 -0.49 0.09	15.77 -0.70 0.00	13.80 -0.76 4.47	17.72 -0.86 0.33	20.74 -1.11 0.00	25.59 -1.30 0.00	24.67 -1.37 0.00	28.42 -1.61 0.00	28.64 -1.71 0.00	26.43 -1.48 0.00	24.22 -1.23 0.00
NGRID_A4_DSASP 323807	20.27 -0.09 0.00	20.10 -0.24 0.00	19.25 -0.24 0.00	20.08 -0.33 0.00	18.99 -0.22 0.00	19.94 -0.38 0.00	20.92 -0.59 0.00	18.24 -0.68 0.00	18.37 -0.69 0.00	17.04 -0.78 0.19	18.30 -0.71 0.00	17.88 -0.65 0.16	15.69 -0.56 0.13	14.56 -0.49 0.11	15.68 -0.71 0.07	13.82 -0.82 4.39	17.78 -0.91 0.22	20.81 -1.15 -0.11	25.70 -1.31 -0.13	24.81 -1.36 -0.13	28.54 -1.63 -0.14	28.77 -1.72 -0.14	26.54 -1.49 -0.12	24.23 -1.22 0.00
NIAGARA_115E_LBMP 323715	20.23 -0.13 0.00	20.08 -0.27 0.00	19.21 -0.28 0.00	20.02 -0.40 0.00	18.94 -0.27 0.00	19.89 -0.42 0.00	20.89 -0.63 0.00	18.19 -0.73 0.00	18.33 -0.73 0.00	16.99 -0.82 0.19	18.23 -0.78 0.00	17.84 -0.70 0.16	15.66 -0.60 0.13	14.54 -0.52 0.09	15.70 -0.76 0.00	13.83 -0.73 4.48	17.69 -0.89 0.33	20.69 -1.15 0.00	25.53 -1.35 0.00	24.62 -1.42 0.00	28.35 -1.68 0.00	28.58 -1.77 0.00	26.39 -1.52 0.00	24.20 -1.26 0.00



NIAGARA_115W_LBMP 323714	20.23 -0.13 0.00	20.08 -0.26 0.00	19.22 -0.28 0.00	20.03 -0.38 0.00	18.95 -0.26 0.00	19.90 -0.41 0.00	20.90 -0.61 0.00	18.20 -0.72 0.00	18.34 -0.72 0.00	17.00 -0.81 0.19	18.26 -0.75 0.00	17.85 -0.69 0.16	15.67 -0.59 0.13	14.55 -0.52 0.09	15.73 -0.73 0.00	13.79 -0.79 4.45	17.69 -0.89 0.32	20.69 -1.15 0.00	25.53 -1.35 0.00	24.62 -1.41 0.00	28.35 -1.67 0.00	28.58 -1.77 0.00	26.38 -1.52 0.00	24.18 -1.28 0.00
NIAGARA_230_LBMP 323716	20.41 0.05 0.00	20.27 -0.07 0.00	19.40 -0.10 0.00	20.22 -0.19 0.00	19.13 -0.08 0.00	20.09 -0.22 0.00	21.12 -0.39 0.00	18.40 -0.52 0.00	18.56 -0.51 0.00	17.21 -0.62 0.18	18.48 -0.53 0.00	18.04 -0.50 0.16	15.83 -0.44 0.13	14.70 -0.37 0.09	15.90 -0.56 0.00	14.13 -0.66 4.24	17.89 -0.71 0.31	20.93 -0.91 0.00	25.82 -1.06 0.00	24.91 -1.13 0.00	28.71 -1.32 0.00	28.92 -1.43 0.00	26.67 -1.23 0.00	24.45 -1.00 0.00
NIAGARA__115KV_198_GIBSON 55903	20.23 -0.13 0.00	20.07 -0.28 0.00	19.21 -0.28 0.00	20.04 -0.37 0.00	18.96 -0.25 0.00	19.90 -0.42 0.00	20.88 -0.63 0.00	18.20 -0.72 0.00	18.34 -0.72 0.00	17.00 -0.81 0.19	18.26 -0.74 0.00	17.85 -0.69 0.16	15.67 -0.58 0.13	14.53 -0.52 0.11	15.65 -0.74 0.07	13.82 -0.85 4.36	17.74 -0.95 0.22	20.77 -1.19 -0.11	25.64 -1.37 -0.13	24.76 -1.40 -0.13	28.48 -1.69 -0.14	28.71 -1.78 -0.14	26.49 -1.53 -0.12	24.18 -1.27 0.00
NIAGARA____ 23760	20.28 -0.08 0.00	20.13 -0.22 0.00	19.25 -0.24 0.00	20.07 -0.34 0.00	18.98 -0.23 0.00	19.94 -0.37 0.00	20.98 -0.53 0.00	18.29 -0.63 0.00	18.44 -0.63 0.00	17.11 -0.72 0.19	18.35 -0.66 0.00	17.95 -0.60 0.16	15.74 -0.51 0.13	14.62 -0.44 0.09	15.80 -0.66 0.00	14.05 -0.70 4.28	17.79 -0.80 0.31	20.81 -1.03 0.00	25.68 -1.20 0.00	24.78 -1.26 0.00	28.55 -1.48 0.00	28.78 -1.57 0.00	26.55 -1.36 0.00	24.33 -1.13 0.00
NINE_MILE_1 23575	20.19 -0.17 0.00	20.14 -0.20 0.00	19.27 -0.22 0.00	20.14 -0.27 0.00	18.94 -0.27 0.00	20.01 -0.31 0.00	21.15 -0.36 0.00	18.59 -0.34 0.00	18.74 -0.32 0.00	17.66 -0.35 0.00	18.62 -0.39 0.00	18.35 -0.36 0.00	16.06 -0.33 0.00	14.88 -0.28 0.00	16.13 -0.33 0.00	18.64 -0.39 0.00	18.54 -0.37 0.00	21.41 -0.43 0.00	26.34 -0.54 0.00	25.52 -0.52 0.00	29.44 -0.59 0.00	29.71 -0.63 0.00	27.31 -0.60 0.00	24.96 -0.49 0.00
NINE_MILE_2 23744	20.19 -0.17 0.00	20.14 -0.20 0.00	19.27 -0.23 0.00	20.14 -0.27 0.00	18.94 -0.27 0.00	20.00 -0.31 0.00	21.15 -0.36 0.00	18.58 -0.34 0.00	18.74 -0.32 0.00	17.66 -0.35 0.00	18.62 -0.39 0.00	18.35 -0.36 0.00	16.06 -0.33 0.00	14.88 -0.28 0.00	16.13 -0.33 0.00	18.64 -0.39 0.00	18.54 -0.37 0.00	21.41 -0.43 0.00	26.34 -0.54 0.00	25.52 -0.52 0.00	29.44 -0.59 0.00	29.71 -0.63 0.00	27.31 -0.59 0.00	24.96 -0.49 0.00
NM_CAPITAL____DRP 24208	20.82 0.46 0.00	20.81 0.47 0.00	19.87 0.37 0.00	20.70 0.29 0.00	19.57 0.36 0.00	20.84 0.52 0.00	22.18 0.67 0.00	19.69 0.77 0.00	19.94 0.87 0.00	18.88 0.86 0.00	19.90 0.90 0.00	19.71 1.00 0.00	17.27 0.88 0.00	16.06 0.89 -0.01	17.40 0.93 0.00	20.13 0.96 -0.13	19.80 0.86 -0.04	22.78 0.91 -0.03	28.13 1.22 -0.03	27.27 1.21 -0.03	31.42 1.36 -0.03	31.58 1.20 -0.03	28.90 0.96 -0.03	26.07 0.61 0.00
NM_CENTRAL____DRP 24181	20.60 0.24 0.00	20.54 0.20 0.00	19.64 0.14 0.00	20.53 0.11 0.00	19.33 0.12 0.00	20.37 0.05 0.00	21.54 0.03 0.00	18.92 0.00 0.00	19.09 0.03 0.00	18.00 -0.02 0.00	18.97 -0.03 0.00	18.70 0.00 0.00	16.37 -0.02 0.00	15.20 0.01 -0.03	16.47 -0.02 -0.04	19.24 -0.02 -0.23	19.10 -0.01 -0.20	22.05 0.00 -0.21	27.13 0.01 -0.24	26.30 0.03 -0.23	30.33 0.05 -0.25	30.59 -0.01 -0.25	28.09 -0.04 -0.22	25.44 0.00 0.00
NM_FRONTIER____DRP 24179	20.23 -0.13 0.00	20.07 -0.28 0.00	19.21 -0.28 0.00	20.04 -0.37 0.00	18.96 -0.25 0.00	19.90 -0.42 0.00	20.88 -0.63 0.00	18.20 -0.72 0.00	18.34 -0.72 0.00	17.00 -0.81 0.19	18.26 -0.74 0.00	17.85 -0.69 0.16	15.67 -0.58 0.13	14.53 -0.52 0.11	15.65 -0.74 0.07	13.82 -0.85 4.36	17.74 -0.95 0.22	20.77 -1.19 -0.11	25.64 -1.37 -0.13	24.76 -1.40 -0.13	28.48 -1.69 -0.14	28.71 -1.78 -0.14	26.49 -1.53 -0.12	24.18 -1.27 0.00
NM_ST_REGIS____HYD 24053	19.42 -0.94 0.00	19.35 -0.99 0.00	18.72 -0.78 0.00	19.74 -0.67 0.00	18.58 -0.63 0.00	19.57 -0.75 0.00	20.69 -0.82 0.00	18.06 -0.86 0.00	18.05 -1.02 0.00	16.96 -1.05 0.00	17.90 -1.11 0.00	17.52 -1.18 0.00	15.36 -1.03 0.00	15.69 -1.12 -1.64	17.83 -1.17 -2.53	26.96 -1.26 -9.19	27.84 -1.16 -10.09	31.20 -1.33 -10.69	37.21 -1.57 -11.89	36.22 -1.51 -11.69	41.17 -1.55 -12.70	41.77 -1.36 -12.79	37.87 -1.26 -11.22	24.73 -0.72 0.00
NORTHPORT____1 23551	21.85 1.48 0.00	21.54 1.19 0.00	20.44 0.94 0.00	21.41 1.00 0.00	20.20 0.99 0.00	21.62 1.30 0.00	23.38 1.87 0.00	20.52 1.60 0.00	20.77 1.71 0.00	19.85 1.84 0.00	21.01 2.00 0.00	20.82 2.12 0.00	18.17 1.78 0.00	16.81 1.65 0.00	18.27 1.81 0.00	20.94 1.91 0.00	20.52 1.61 0.00	23.75 1.90 0.00	29.25 2.37 0.00	28.36 2.32 0.00	32.63 2.61 0.00	33.09 2.74 0.00	30.21 2.31 0.00	27.30 1.85 0.00
NORTHPORT____2 23552	21.85 1.48 0.00	21.54 1.19 0.00	20.44 0.94 0.00	21.41 1.00 0.00	20.20 0.99 0.00	21.62 1.30 0.00	23.38 1.87 0.00	20.52 1.60 0.00	20.77 1.71 0.00	19.85 1.84 0.00	21.01 2.00 0.00	20.82 2.12 0.00	18.17 1.78 0.00	16.81 1.65 0.00	18.27 1.81 0.00	20.94 1.91 0.00	20.52 1.61 0.00	23.75 1.90 0.00	29.25 2.37 0.00	28.36 2.32 0.00	32.63 2.61 0.00	33.09 2.74 0.00	30.21 2.31 0.00	27.30 1.85 0.00
NORTHPORT____3 23553	22.06 1.70 0.00	21.77 1.43 0.00	20.66 1.17 0.00	21.61 1.20 0.00	20.40 1.19 0.00	21.83 1.51 0.00	23.61 2.10 0.00	20.71 1.80 0.00	20.96 1.90 0.00	20.03 2.02 0.00	21.21 2.20 0.00	21.03 2.32 0.00	18.33 1.95 0.00	16.99 1.83 0.00	18.46 2.00 0.00	21.19 2.15 0.00	20.78 1.86 0.00	24.03 2.19 0.00	29.62 2.73 0.00	28.70 2.67 0.00	33.04 3.01 0.00	33.46 3.11 0.00	30.53 2.62 0.00	27.58 2.12 0.00
NORTHPORT____4 23650	22.06 1.70 0.00	21.77 1.43 0.00	20.66 1.17 0.00	21.61 1.20 0.00	20.40 1.19 0.00	21.83 1.51 0.00	23.61 2.10 0.00	20.71 1.80 0.00	20.96 1.90 0.00	20.03 2.02 0.00	21.21 2.20 0.00	21.03 2.32 0.00	18.33 1.95 0.00	16.99 1.83 0.00	18.46 2.00 0.00	21.19 2.15 0.00	20.78 1.86 0.00	24.03 2.19 0.00	29.62 2.73 0.00	28.70 2.67 0.00	33.04 3.01 0.00	33.46 3.11 0.00	30.53 2.62 0.00	27.58 2.12 0.00
NORTHPORT____IC 23718	21.85 1.48 0.00	21.54 1.19 0.00	20.44 0.94 0.00	21.41 1.00 0.00	20.20 0.99 0.00	21.62 1.30 0.00	23.38 1.87 0.00	20.52 1.60 0.00	20.77 1.71 0.00	19.85 1.84 0.00	21.01 2.00 0.00	20.82 2.12 0.00	18.17 1.78 0.00	16.81 1.65 0.00	18.27 1.81 0.00	20.94 1.91 0.00	20.52 1.61 0.00	23.75 1.90 0.00	29.25 2.37 0.00	28.36 2.32 0.00	32.63 2.61 0.00	33.09 2.74 0.00	30.21 2.31 0.00	27.30 1.85 0.00



NORTH____COUNTRY_ESR 323785	19.86 -0.51 0.00	19.55 -0.79 0.00	18.68 -0.82 0.00	19.90 -0.51 0.00	18.74 -0.47 0.00	20.08 -0.24 0.00	21.34 -0.17 0.00	18.64 -0.28 0.00	18.69 -0.38 0.00	17.57 -0.44 0.00	18.36 -0.64 0.00	17.89 -0.82 0.00	15.56 -0.83 0.00	-2.36 -1.16 16.37	-23.52 -1.19 38.79	-24.11 -1.32 41.82	-24.34 -1.25 42.00	-24.13 -1.49 44.49	-24.42 -1.81 49.50	-24.39 -1.77 48.66	-24.77 -1.95 52.85	-24.70 -1.84 53.21	-20.48 -1.67 46.71	24.98 -0.47 0.00
NPX_GEN_1385_PROXY 323591	21.80 1.44 0.00	21.39 1.05 0.00	20.27 0.78 0.00	21.35 0.94 0.00	20.15 0.94 0.00	21.44 1.13 0.00	23.25 1.74 0.00	20.52 1.60 0.00	20.76 1.69 0.00	19.68 1.67 0.00	20.61 1.60 0.00	20.44 1.73 0.00	17.93 1.54 0.00	16.57 1.41 0.00	18.12 1.66 0.00	20.75 1.73 0.00	20.28 1.37 0.00	23.58 1.74 0.00	28.83 1.95 0.00	27.97 1.93 0.00	32.18 2.15 0.00	32.61 2.26 0.00	29.67 1.77 0.00	27.07 1.62 0.00
NPX_GEN_CSC 323557	21.62 1.27 0.00	21.29 0.95 0.00	20.21 0.71 0.00	21.29 0.88 0.00	20.10 0.89 0.00	21.66 1.35 0.00	23.45 1.94 0.00	20.59 1.67 0.00	20.72 1.66 0.00	19.64 1.63 0.00	20.75 1.74 0.00	20.58 1.87 0.00	17.96 1.57 0.00	16.60 1.44 0.00	18.06 1.60 0.00	20.75 1.72 0.00	20.38 1.47 0.00	23.61 1.76 0.00	29.44 2.56 0.00	28.44 2.41 0.00	32.76 2.73 0.00	33.34 2.99 0.00	30.23 2.33 0.00	27.09 1.64 0.00
NSINS_S_GLNS_FALLS 23858	21.62 1.26 0.00	21.54 1.19 0.00	20.52 1.03 0.00	21.48 1.07 0.00	20.27 1.06 0.00	21.61 1.29 0.00	22.98 1.47 0.00	20.24 1.32 0.00	20.54 1.48 0.00	19.45 1.43 0.00	20.53 1.53 0.00	20.35 1.64 0.00	17.70 1.32 0.00	16.33 1.16 -0.01	17.56 1.09 -0.01	20.31 1.15 -0.13	19.92 0.97 -0.03	23.02 1.16 -0.03	28.91 2.00 -0.03	28.15 2.08 -0.03	32.50 2.44 -0.03	32.68 2.30 -0.03	29.97 2.03 -0.03	26.93 1.48 0.00
NUCOR_STEEL____DRP 24197	20.99 0.63 0.00	20.94 0.60 0.00	19.93 0.43 0.00	20.87 0.46 0.00	19.68 0.47 0.00	20.68 0.36 0.00	21.95 0.44 0.00	19.28 0.36 0.00	19.49 0.43 0.00	18.32 0.29 -0.02	19.26 0.25 0.00	19.07 0.35 -0.02	16.68 0.27 -0.01	15.42 0.27 0.01	16.64 0.28 0.10	19.93 0.31 -0.59	19.49 0.40 -0.19	22.44 0.44 -0.16	27.63 0.57 -0.18	26.70 0.49 -0.18	30.79 0.58 -0.19	31.16 0.62 -0.19	28.62 0.55 -0.17	25.94 0.49 0.00
NUMBER_THREE_WT_PWR 323818	20.26 -0.10 0.00	20.27 -0.08 0.00	19.49 0.00 0.00	20.43 0.01 0.00	19.14 -0.07 0.00	19.93 -0.39 0.00	20.89 -0.61 0.00	18.07 -0.85 0.00	17.98 -1.09 0.00	16.87 -1.14 0.00	17.77 -1.24 0.00	17.47 -1.24 0.00	15.25 -1.13 0.00	10.57 -0.99 3.59	4.23 -1.15 11.08	17.92 -1.29 -0.18	19.45 -1.26 -1.80	22.46 -1.29 -1.91	27.90 -1.10 -2.12	26.98 -1.15 -2.08	31.66 -0.63 -2.26	32.77 0.14 -2.28	30.06 0.15 -2.00	25.59 0.14 0.00
NYISO_LBMP_REFERENCE 24008	20.36 0.00 0.00	20.34 0.00 0.00	19.50 0.00 0.00	20.41 0.00 0.00	19.21 0.00 0.00	20.32 0.00 0.00	21.51 0.00 0.00	18.92 0.00 0.00	19.07 0.00 0.00	18.01 0.00 0.00	19.01 0.00 0.00	18.71 0.00 0.00	16.39 0.00 0.00	15.16 0.00 0.00	16.46 0.00 0.00	19.03 0.00 0.00	18.91 0.00 0.00	21.84 0.00 0.00	26.88 0.00 0.00	26.04 0.00 0.00	30.03 0.00 0.00	30.35 0.00 0.00	27.90 0.00 0.00	25.45 0.00 0.00
NYPA_BRENTWD____GT 24164	22.07 1.71 0.00	21.75 1.41 0.00	20.64 1.15 0.00	21.61 1.20 0.00	20.40 1.19 0.00	21.85 1.53 0.00	23.63 2.13 0.00	20.75 1.83 0.00	20.99 1.93 0.00	20.06 2.05 0.00	21.22 2.21 0.00	21.01 2.31 0.00	18.35 1.97 0.00	16.97 1.81 0.00	18.46 2.00 0.00	21.19 2.16 0.00	20.79 1.88 0.00	24.05 2.21 0.00	29.53 2.65 0.00	28.69 2.65 0.00	33.05 3.02 0.00	33.59 3.24 0.00	30.63 2.73 0.00	27.61 2.16 0.00
NYPA_GOWANUS____GT5 24156	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.46 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
NYPA_GOWANUS____GT6 24157	22.08 1.72 0.00	21.95 1.60 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.47 1.26 0.00	21.79 1.47 0.00	23.24 1.73 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.01 2.00 0.00	21.15 2.15 0.00	20.94 2.24 0.00	18.30 1.92 0.00	17.03 1.87 0.00	18.46 2.00 0.00	21.23 2.20 0.00	20.91 2.00 0.00	24.08 2.24 0.00	29.43 2.54 0.00	28.56 2.52 0.00	32.78 2.76 0.00	33.24 2.89 0.00	30.52 2.61 0.00	27.64 2.19 0.00
NYPA_HARLEM_RVR_GT1 24160	22.04 1.68 0.00	21.86 1.51 0.00	20.79 1.29 0.00	21.57 1.16 0.00	20.37 1.16 0.00	21.68 1.36 0.00	23.12 1.61 0.00	20.52 1.60 0.00	20.82 1.75 0.00	19.91 1.90 0.00	21.06 2.05 0.00	20.85 2.15 0.00	18.23 1.84 0.00	16.95 1.79 0.00	18.38 1.92 0.00	21.15 2.12 0.00	20.83 1.92 0.00	24.00 2.16 0.00	29.35 2.47 0.00	28.48 2.44 0.00	32.72 2.70 0.00	33.09 2.74 0.00	30.34 2.44 0.00	27.48 2.02 0.00
NYPA_HARLEM_RVR_GT2 24161	22.04 1.68 0.00	21.86 1.51 0.00	20.79 1.29 0.00	21.57 1.16 0.00	20.37 1.16 0.00	21.68 1.36 0.00	23.12 1.61 0.00	20.52 1.60 0.00	20.82 1.75 0.00	19.91 1.90 0.00	21.06 2.05 0.00	20.85 2.15 0.00	18.23 1.84 0.00	16.95 1.79 0.00	18.38 1.92 0.00	21.15 2.12 0.00	20.83 1.92 0.00	24.00 2.16 0.00	29.35 2.47 0.00	28.48 2.44 0.00	32.72 2.70 0.00	33.09 2.74 0.00	30.34 2.44 0.00	27.48 2.02 0.00
NYPA_KENT____GT 24152	22.06 1.70 0.00	21.93 1.58 0.00	20.86 1.37 0.00	21.66 1.25 0.00	20.45 1.24 0.00	21.77 1.45 0.00	23.21 1.70 0.00	20.62 1.70 0.00	20.91 1.84 0.00	19.99 1.98 0.00	21.13 2.13 0.00	20.92 2.22 0.00	18.30 1.91 0.00	17.02 1.87 0.00	18.46 2.00 0.00	21.22 2.19 0.00	20.89 1.98 0.00	24.06 2.22 0.00	29.42 2.53 0.00	28.55 2.51 0.00	32.77 2.75 0.00	33.21 2.86 0.00	30.46 2.56 0.00	27.59 2.14 0.00
NYPA_POUCH1____GT 24155	21.90 1.53 0.00	21.85 1.50 0.00	20.80 1.30 0.00	21.58 1.17 0.00	20.38 1.17 0.00	21.69 1.37 0.00	23.13 1.62 0.00	20.53 1.62 0.00	20.81 1.74 0.00	19.88 1.87 0.00	21.00 1.99 0.00	20.78 2.08 0.00	18.19 1.80 0.00	16.93 1.77 0.00	18.35 1.89 0.00	21.08 2.06 0.00	20.80 1.89 0.00	23.96 2.12 0.00	29.26 2.37 0.00	28.39 2.35 0.00	32.51 2.49 0.00	33.11 2.76 0.00	30.47 2.57 0.00	27.64 2.19 0.00
NYPA_VERNON____GT2 24162	22.05 1.69 0.00	21.90 1.55 0.00	20.84 1.34 0.00	21.64 1.23 0.00	20.43 1.22 0.00	21.74 1.42 0.00	23.19 1.68 0.00	20.59 1.68 0.00	20.89 1.82 0.00	19.97 1.96 0.00	21.12 2.11 0.00	20.91 2.21 0.00	18.29 1.90 0.00	17.02 1.86 0.00	18.46 2.00 0.00	21.21 2.18 0.00	20.88 1.97 0.00	24.05 2.20 0.00	29.40 2.52 0.00	28.54 2.50 0.00	32.78 2.75 0.00	33.17 2.82 0.00	30.41 2.51 0.00	27.54 2.09 0.00



NYPY_VERNON____GT3 24163	22.05	21.90	20.84	21.64	20.43	21.74	23.19	20.59	20.89	19.97	21.12	20.91	18.29	17.02	18.46	21.21	20.88	24.05	29.40	28.54	32.78	33.17	30.41	27.54
	1.69	1.55	1.34	1.23	1.22	1.42	1.68	1.68	1.82	1.96	2.11	2.21	1.90	1.86	2.00	2.18	1.97	2.20	2.52	2.50	2.75	2.82	2.51	2.09
	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
NYPY____ASTORIA_CC1 323568	22.04	21.89	20.83	21.62	20.42	21.73	23.18	20.58	20.87	19.96	21.10	20.90	18.28	17.01	18.44	21.20	20.87	24.03	29.37	28.51	32.75	33.14	30.39	27.53
	1.68	1.54	1.33	1.21	1.21	1.41	1.67	1.66	1.81	1.95	2.10	2.20	1.90	1.85	1.98	2.17	1.96	2.19	2.49	2.48	2.72	2.79	2.48	2.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPY____ASTORIA_CC2 323569	22.04	21.89	20.83	21.62	20.42	21.73	23.18	20.58	20.87	19.96	21.10	20.90	18.28	17.01	18.44	21.20	20.87	24.03	29.37	28.51	32.75	33.14	30.39	27.53
	1.68	1.54	1.33	1.21	1.21	1.41	1.67	1.66	1.81	1.95	2.10	2.20	1.90	1.85	1.98	2.17	1.96	2.19	2.49	2.48	2.72	2.79	2.48	2.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPY____HOLTSVILL 23794	21.90	21.58	20.48	21.47	20.27	21.74	23.52	20.65	20.87	19.92	21.06	20.89	18.22	16.85	18.33	21.04	20.65	23.90	29.56	28.64	32.97	33.46	30.48	27.42
	1.54	1.24	0.98	1.06	1.06	1.43	2.01	1.73	1.81	1.91	2.06	2.18	1.84	1.69	1.87	2.01	1.74	2.06	2.68	2.60	2.94	3.11	2.58	1.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPY____HELLGATE_GT1 24158	22.04	21.86	20.79	21.57	20.37	21.68	23.12	20.52	20.82	19.91	21.06	20.85	18.23	16.95	18.38	21.15	20.83	24.00	29.35	28.48	32.72	33.09	30.34	27.48
	1.68	1.51	1.29	1.16	1.16	1.36	1.61	1.60	1.75	1.90	2.05	2.15	1.84	1.79	1.92	2.12	1.92	2.16	2.47	2.44	2.70	2.74	2.44	2.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPY____HELLGATE_GT2 24159	22.04	21.86	20.79	21.57	20.37	21.68	23.12	20.52	20.82	19.91	21.06	20.85	18.23	16.95	18.38	21.15	20.83	24.00	29.35	28.48	32.72	33.09	30.34	27.48
	1.68	1.51	1.29	1.16	1.16	1.36	1.61	1.60	1.75	1.90	2.05	2.15	1.84	1.79	1.92	2.12	1.92	2.16	2.47	2.44	2.70	2.74	2.44	2.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE____HYD 23848	20.57	20.41	19.53	20.34	19.24	20.22	21.25	18.51	18.67	17.31	18.56	18.16	15.93	14.80	15.98	14.41	18.04	21.10	26.03	25.11	28.93	29.15	26.90	24.66
	0.21	0.07	0.03	-0.07	0.04	-0.10	-0.26	-0.41	-0.40	-0.52	-0.45	-0.39	-0.33	-0.28	-0.48	-0.45	-0.56	-0.74	-0.85	-0.93	-1.10	-1.19	-1.01	-0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.15	0.12	0.09	0.00	4.16	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OAK ORCHARD____HYD 24046	20.88	20.77	19.86	20.72	19.58	20.60	21.78	19.05	19.23	18.11	19.14	18.85	16.52	15.31	16.51	19.08	18.99	21.90	26.98	26.06	30.07	30.31	27.88	25.44
	0.52	0.43	0.36	0.31	0.37	0.29	0.27	0.13	0.17	0.10	0.14	0.14	0.13	0.15	0.05	0.06	0.08	0.05	0.10	0.02	0.05	-0.04	-0.03	-0.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OAKDALE__35_KV_LOAD 356122	21.15	21.07	20.12	21.02	19.76	20.89	22.14	19.46	19.67	18.64	19.64	19.39	16.92	15.71	16.97	20.30	19.62	22.65	27.84	27.02	31.14	31.46	28.90	26.24
	0.79	0.72	0.62	0.61	0.55	0.57	0.63	0.55	0.61	0.61	0.64	0.66	0.51	0.54	0.54	0.62	0.58	0.71	0.85	0.88	1.00	1.00	0.90	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	-0.02	-0.02	-0.01	0.03	-0.65	-0.13	-0.09	-0.11	-0.10	-0.11	-0.11	-0.10	0.00
OCC_CHEM____DRP 24175	20.27	20.10	19.25	20.08	18.99	19.94	20.92	18.24	18.37	17.04	18.30	17.88	15.69	14.56	15.68	13.82	17.78	20.81	25.70	24.81	28.54	28.77	26.54	24.23
	-0.09	-0.24	-0.24	-0.33	-0.22	-0.38	-0.59	-0.68	-0.69	-0.78	-0.71	-0.65	-0.56	-0.49	-0.71	-0.82	-0.91	-1.15	-1.31	-1.36	-1.63	-1.72	-1.49	-1.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.16	0.13	0.11	0.07	4.39	0.22	-0.11	-0.13	-0.13	-0.14	-0.14	-0.12	0.00
OH_GEN_PROXY 24063	20.46	20.32	19.44	20.27	19.17	20.14	21.20	11.69	18.65	17.33	18.57	18.16	15.92	14.79	15.98	14.73	18.02	21.03	25.95	25.03	28.86	29.09	26.82	24.57
	0.10	-0.02	-0.05	-0.14	-0.04	-0.17	-0.31	-0.44	-0.42	-0.52	-0.44	-0.41	-0.36	-0.30	-0.48	-0.58	-0.62	-0.81	-0.94	-1.00	-1.16	-1.26	-1.08	-0.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.79	0.00	0.16	0.00	0.14	0.11	0.08	0.00	3.72	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OLIN_CORP_DRP 24177	20.27	20.10	19.24	20.06	18.98	19.92	20.91	18.23	18.37	17.03	18.27	17.87	15.69	14.55	15.65	13.80	17.79	20.81	25.70	24.82	28.54	28.78	26.56	24.24
	-0.09	-0.24	-0.25	-0.35	-0.24	-0.40	-0.60	-0.69	-0.69	-0.78	-0.74	-0.66	-0.57	-0.50	-0.74	-0.76	-0.90	-1.15	-1.31	-1.35	-1.63	-1.71	-1.47	-1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.17	0.14	0.11	0.07	4.46	0.23	-0.11	-0.13	-0.13	-0.14	-0.14	-0.12	0.00
OLIN_CORP_DSASP 323712	20.26	20.12	19.25	20.07	18.99	19.94	20.94	18.23	18.37	17.04	18.30	17.89	15.70	14.58	15.77	13.80	17.72	20.74	25.59	24.67	28.42	28.64	26.43	24.22
	-0.10	-0.23	-0.24	-0.34	-0.22	-0.38	-0.57	-0.69	-0.69	-0.78	-0.71	-0.65	-0.56	-0.49	-0.70	-0.76	-0.86	-1.11	-1.30	-1.37	-1.61	-1.71	-1.48	-1.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.16	0.13	0.09	0.00	4.47	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONEIDA_HERK_LFGE 323681	20.58	20.55	19.70	20.62	19.36	20.36	21.49	18.78	18.85	17.71	18.65	18.34	16.03	16.47	20.64	19.99	19.41	22.41	27.72	26.85	31.19	31.82	29.20	25.80
	0.22	0.21	0.21	0.21	0.15	0.05	-0.02	-0.14	-0.21	-0.30	-0.36	-0.36	-0.36	-0.28	-0.34	-0.35	-0.35	-0.32	-0.16	-0.17	0.10	0.40	0.35	0.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.59	-4.52	-1.31	-0.84	-0.90	-1.00	-0.98	-1.06	-1.07	-0.94	0.00
ONEIDA____115KV_TB4 55905	20.99	20.91	20.01	20.91	19.64	20.72	21.93	19.25	19.42	18.28	19.21	18.91	16.53	15.89	18.19	19.91	19.56	22.60	27.91	27.07	31.29	31.64	29.03	26.11
	0.62	0.56	0.51	0.50	0.43	0.40	0.42	0.34	0.35	0.26	0.20	0.20	0.14	0.18	0.17	0.27	0.27	0.36	0.59	0.60	0.79	0.82	0.71	0.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	-1.56	-0.61	-0.38	-0.40	-0.44	-0.43	-0.47	-0.48	-0.42	0.00



ONONDAGA_REF_OCCRA 23987	20.72 0.36 0.00	20.65 0.30 0.00	19.74 0.24 0.00	20.63 0.22 0.00	19.42 0.22 0.00	20.49 0.17 0.00	21.67 0.16 0.00	19.04 0.12 0.00	19.21 0.15 0.00	18.12 0.11 -0.01	19.08 0.08 0.00	18.82 0.11 -0.01	16.46 0.07 -0.01	15.27 0.10 -0.01	16.52 0.08 0.01	19.47 0.09 -0.34	19.21 0.11 -0.19	22.19 0.16 -0.19	27.30 0.21 -0.21	26.47 0.23 -0.21	30.53 0.28 -0.22	30.79 0.22 -0.23	28.27 0.17 -0.20	25.61 0.16 0.00
ONONDAGA___COGEN 23986	20.66 0.30 0.00	20.60 0.26 0.00	19.68 0.18 0.00	20.58 0.16 0.00	19.37 0.16 0.00	20.43 0.11 0.00	21.61 0.10 0.00	18.99 0.07 0.00	19.16 0.10 0.00	18.07 0.05 -0.01	19.04 0.03 0.00	18.78 0.07 -0.01	16.42 0.03 -0.01	15.20 0.06 0.03	16.37 0.04 0.13	19.42 0.05 -0.34	19.17 0.08 -0.19	22.13 0.10 -0.18	27.21 0.12 -0.20	26.37 0.13 -0.20	30.41 0.17 -0.22	30.69 0.12 -0.22	28.18 0.09 -0.19	25.54 0.08 0.00
ONTARIO___LFGE 23819	21.23 0.87 0.00	21.13 0.79 0.00	20.16 0.67 0.00	21.04 0.63 0.00	19.76 0.55 0.00	20.87 0.55 0.00	22.12 0.61 0.00	19.38 0.46 0.00	19.53 0.47 0.00	18.51 0.38 -0.12	19.39 0.38 0.00	19.17 0.36 -0.10	16.72 0.25 -0.08	15.54 0.32 -0.06	16.74 0.28 0.00	22.24 0.39 -2.82	19.61 0.49 -0.21	22.47 0.63 0.00	27.66 0.77 0.00	26.81 0.77 0.00	30.95 0.92 0.00	31.19 0.85 0.00	28.65 0.75 0.00	26.16 0.70 0.00
ORANGEVILLE_WT_PWR 323706	21.02 0.66 0.00	20.89 0.54 0.00	19.90 0.40 0.00	20.72 0.30 0.00	19.41 0.20 0.00	20.40 0.08 0.00	21.68 0.17 0.00	18.88 -0.04 0.00	18.94 -0.13 0.00	16.91 -0.29 0.81	18.69 -0.32 0.00	17.65 -0.37 0.69	15.40 -0.43 0.56	14.46 -0.31 0.39	16.06 -0.41 0.00	0.02 -0.41 18.60	17.27 -0.27 1.36	21.65 -0.19 0.00	26.75 -0.14 0.00	25.88 -0.15 0.00	29.89 -0.14 0.00	30.16 -0.19 0.00	27.84 -0.07 0.00	25.45 0.00 0.00
ORANGEVILLE___ESR 323794	21.02 0.66 0.00	20.89 0.54 0.00	19.90 0.40 0.00	20.72 0.30 0.00	19.41 0.20 0.00	20.40 0.08 0.00	21.68 0.17 0.00	18.88 -0.04 0.00	18.94 -0.13 0.00	16.91 -0.29 0.81	18.69 -0.32 0.00	17.65 -0.37 0.69	15.40 -0.43 0.56	14.46 -0.31 0.39	16.06 -0.41 0.00	0.02 -0.41 18.60	17.27 -0.27 1.36	21.65 -0.19 0.00	26.75 -0.14 0.00	25.88 -0.15 0.00	29.89 -0.14 0.00	30.16 -0.19 0.00	27.84 -0.07 0.00	25.45 0.00 0.00
OSWEGATCHIE___HYD 24044	19.62 -0.74 0.00	19.62 -0.72 0.00	18.95 -0.55 0.00	19.89 -0.52 0.00	18.68 -0.53 0.00	19.52 -0.79 0.00	20.53 -0.98 0.00	17.83 -1.09 0.00	17.78 -1.29 0.00	16.71 -1.29 0.00	17.64 -1.37 0.00	17.32 -1.38 0.00	15.17 -1.21 0.00	12.75 -1.13 1.28	10.41 -1.29 4.76	20.61 -1.42 -3.00	21.67 -1.33 -4.09	24.74 -1.43 -4.33	30.23 -1.48 -4.82	29.40 -1.38 -4.74	34.02 -1.16 -5.15	34.84 -0.69 -5.18	31.83 -0.62 -4.55	24.99 -0.46 0.00
OSWEGO___5 23606	20.32 -0.04 0.00	20.27 -0.07 0.00	19.39 -0.10 0.00	20.27 -0.14 0.00	19.07 -0.14 0.00	20.13 -0.18 0.00	21.29 -0.22 0.00	18.70 -0.21 0.00	18.87 -0.19 0.00	17.78 -0.23 0.00	18.75 -0.26 0.00	18.48 -0.23 0.00	16.17 -0.22 0.00	14.98 -0.17 0.00	16.24 -0.22 0.00	18.78 -0.25 0.00	18.67 -0.24 0.00	21.56 -0.28 0.00	26.54 -0.34 0.00	25.71 -0.33 0.00	29.66 -0.37 0.00	29.94 -0.41 0.00	27.52 -0.38 0.00	25.14 -0.31 0.00
OSWEGO___6 23613	20.32 -0.04 0.00	20.27 -0.07 0.00	19.39 -0.10 0.00	20.27 -0.14 0.00	19.07 -0.14 0.00	20.13 -0.18 0.00	21.29 -0.22 0.00	18.70 -0.21 0.00	18.87 -0.19 0.00	17.78 -0.23 0.00	18.75 -0.26 0.00	18.48 -0.23 0.00	16.17 -0.22 0.00	14.98 -0.17 0.00	16.24 -0.22 0.00	18.78 -0.25 0.00	18.67 -0.24 0.00	21.56 -0.28 0.00	26.54 -0.34 0.00	25.71 -0.33 0.00	29.66 -0.37 0.00	29.94 -0.41 0.00	27.52 -0.38 0.00	25.14 -0.31 0.00
OUTOKUMPU-AB___DRP 24206	20.80 0.44 0.00	20.62 0.27 0.00	19.73 0.23 0.00	20.57 0.16 0.00	19.44 0.24 0.00	20.43 0.11 0.00	21.47 -0.04 0.00	18.73 -0.19 0.00	18.87 -0.19 0.00	17.49 -0.32 0.21	18.78 -0.23 0.00	18.34 -0.19 0.18	16.08 -0.16 0.14	14.92 -0.12 0.11	16.09 -0.31 0.07	14.01 -0.34 4.68	18.26 -0.41 0.24	21.41 -0.55 -0.11	26.43 -0.58 -0.13	25.53 -0.63 -0.13	29.40 -0.77 -0.14	29.62 -0.86 -0.14	27.31 -0.72 -0.12	24.94 -0.51 0.00
OXBOW____ 24026	20.58 0.21 0.00	20.42 0.08 0.00	19.54 0.05 0.00	20.36 -0.05 0.00	19.26 0.06 0.00	20.24 -0.08 0.00	21.26 -0.24 0.00	18.52 -0.40 0.00	18.67 -0.39 0.00	17.30 -0.50 0.20	18.59 -0.42 0.00	18.16 -0.37 0.17	15.93 -0.32 0.14	14.80 -0.26 0.10	16.01 -0.45 0.00	13.93 -0.48 4.62	18.00 -0.57 0.34	21.09 -0.75 0.00	26.03 -0.86 0.00	25.10 -0.93 0.00	28.92 -1.11 0.00	29.14 -1.20 0.00	26.89 -1.02 0.00	24.65 -0.80 0.00
OXY_CHEM_DSASP 323612	20.27 -0.09 0.00	20.10 -0.24 0.00	19.25 -0.24 0.00	20.08 -0.33 0.00	18.99 -0.22 0.00	19.94 -0.38 0.00	20.92 -0.59 0.00	18.24 -0.68 0.00	18.37 -0.69 0.00	17.04 -0.78 0.19	18.30 -0.71 0.00	17.88 -0.65 0.16	15.69 -0.56 0.13	14.56 -0.49 0.11	15.68 -0.71 0.07	13.82 -0.82 4.39	17.78 -0.91 0.22	20.81 -1.15 -0.11	25.70 -1.31 -0.13	24.81 -1.36 -0.13	28.54 -1.63 -0.14	28.77 -1.72 -0.14	26.54 -1.49 -0.12	24.23 -1.22 0.00
OZONE_PARK_ESR 323760	22.18 1.82 0.00	22.02 1.68 0.00	20.94 1.44 0.00	21.75 1.34 0.00	20.53 1.32 0.00	21.85 1.53 0.00	23.32 1.81 0.00	20.70 1.78 0.00	20.99 1.93 0.00	20.07 2.06 -0.01	21.22 2.21 0.00	21.03 2.32 0.00	18.39 2.00 0.00	17.12 1.96 -0.01	18.56 2.10 -0.01	21.52 2.33 -0.17	21.06 2.11 -0.04	24.25 2.37 -0.03	29.64 2.72 -0.04	28.76 2.69 -0.04	33.06 2.99 -0.04	33.43 3.04 -0.04	30.64 2.70 -0.04	27.71 2.26 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.27 -0.09 0.00	20.10 -0.24 0.00	19.25 -0.24 0.00	20.08 -0.33 0.00	18.99 -0.22 0.00	19.94 -0.38 0.00	20.92 -0.59 0.00	18.24 -0.68 0.00	18.37 -0.69 0.00	17.04 -0.78 0.19	18.30 -0.71 0.00	17.88 -0.65 0.16	15.69 -0.56 0.13	14.56 -0.49 0.11	15.68 -0.71 0.07	13.82 -0.82 4.39	17.78 -0.91 0.22	20.81 -1.15 -0.11	25.70 -1.31 -0.13	24.81 -1.36 -0.13	28.54 -1.63 -0.14	28.77 -1.72 -0.14	26.54 -1.49 -0.12	24.23 -1.22 0.00
PACKARD___115KV_DUPONT_184 80571	20.27 -0.09 0.00	20.10 -0.24 0.00	19.25 -0.24 0.00	20.08 -0.33 0.00	18.99 -0.22 0.00	19.94 -0.38 0.00	20.92 -0.59 0.00	18.24 -0.68 0.00	18.37 -0.69 0.00	17.04 -0.78 0.19	18.30 -0.71 0.00	17.88 -0.65 0.16	15.69 -0.56 0.13	14.56 -0.49 0.11	15.68 -0.71 0.07	13.82 -0.82 4.39	17.78 -0.91 0.22	20.81 -1.15 -0.11	25.70 -1.31 -0.13	24.81 -1.36 -0.13	28.54 -1.63 -0.14	28.77 -1.72 -0.14	26.54 -1.49 -0.12	24.23 -1.22 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.05 1.69 0.00	21.89 1.55 0.00	20.81 1.31 0.00	21.61 1.20 0.00	20.40 1.19 0.00	21.71 1.40 0.00	23.18 1.67 0.00	20.55 1.64 0.00	20.84 1.77 0.00	19.92 1.91 -0.01	21.07 2.06 0.00	20.87 2.16 0.00	18.24 1.85 0.00	16.97 1.80 -0.01	18.40 1.93 -0.01	21.33 2.14 -0.17	20.89 1.94 -0.04	24.05 2.17 -0.03	29.40 2.48 -0.04	28.52 2.45 -0.04	32.77 2.70 -0.04	33.17 2.78 -0.04	30.42 2.48 -0.04	27.53 2.07 0.00



PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.06 1.69 0.00	21.89 1.55 0.00	20.81 1.32 0.00	21.61 1.20 0.00	20.41 1.19 0.00	21.73 1.41 0.00	23.22 1.71 0.00	20.61 1.69 0.00	20.89 1.83 0.00	19.88 1.86 -0.01	21.03 2.03 0.00	20.81 2.10 0.00	18.19 1.80 0.00	16.92 1.75 -0.01	18.34 1.87 -0.01	21.29 2.09 -0.17	20.85 1.90 -0.04	24.02 2.15 -0.03	29.34 2.42 -0.04	28.46 2.38 -0.04	32.71 2.64 -0.04	33.08 2.69 -0.04	30.34 2.40 -0.04	27.50 2.05 0.00
PATROON__115KV_TB1 80586	20.82 0.46 0.00	20.80 0.46 0.00	19.87 0.37 0.00	20.69 0.28 0.00	19.56 0.35 0.00	20.81 0.49 0.00	22.14 0.63 0.00	19.65 0.73 0.00	19.90 0.84 0.00	18.85 0.84 0.00	19.86 0.85 0.00	19.67 0.96 0.00	17.23 0.84 0.00	16.02 0.85 -0.01	17.36 0.89 0.00	20.09 0.93 -0.13	19.78 0.83 -0.04	22.77 0.90 -0.03	28.09 1.18 -0.03	27.25 1.18 -0.03	31.38 1.32 -0.03	31.54 1.16 -0.03	28.87 0.94 -0.03	26.07 0.61 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.36 1.00 0.00	21.19 0.85 0.00	20.26 0.76 0.00	21.13 0.72 0.00	19.94 0.73 0.00	20.98 0.66 0.00	22.10 0.59 0.00	19.31 0.39 0.00	19.48 0.41 0.00	18.08 0.28 0.21	19.41 0.40 0.00	18.95 0.43 0.18	16.56 0.32 0.15	15.40 0.36 0.12	16.62 0.23 0.06	14.46 0.28 4.85	18.87 0.22 0.26	22.15 0.20 -0.11	27.32 0.31 -0.13	26.42 0.26 -0.13	30.45 0.29 -0.13	30.72 0.24 -0.14	28.31 0.29 -0.12	25.83 0.38 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.00 1.64 0.00	21.85 1.51 0.00	20.79 1.30 0.00	21.64 1.23 0.00	20.41 1.20 0.00	21.73 1.42 0.00	23.20 1.69 0.00	20.58 1.66 0.00	20.89 1.82 0.00	19.94 1.93 -0.01	21.11 2.10 0.00	20.89 2.18 0.00	18.23 1.84 0.00	16.95 1.78 -0.01	18.40 1.93 -0.01	21.35 2.15 -0.17	20.90 1.95 -0.04	24.08 2.20 -0.03	29.52 2.60 -0.04	28.66 2.58 -0.04	32.94 2.88 -0.04	33.24 2.85 -0.04	30.45 2.51 -0.04	27.49 2.03 0.00
PEEKSKILL____ 23653	21.87 1.51 0.00	21.73 1.39 0.00	20.68 1.19 0.00	21.51 1.10 0.00	20.29 1.09 0.00	21.60 1.29 0.00	23.04 1.53 0.00	20.44 1.53 0.00	20.73 1.66 0.00	19.78 1.77 0.00	20.93 1.92 0.00	20.71 2.01 0.00	18.10 1.71 0.00	16.84 1.68 0.00	18.27 1.81 0.00	21.03 2.00 0.00	20.70 1.80 0.00	23.87 2.03 0.00	29.24 2.36 0.00	28.38 2.34 0.00	32.63 2.60 0.00	32.94 2.59 0.00	30.18 2.27 0.00	27.32 1.87 0.00
PGE MADISON__WINDPWR 24146	22.00 1.64 0.00	21.76 1.42 0.00	20.92 1.42 0.00	21.99 1.58 0.00	20.59 1.38 0.00	21.64 1.32 0.00	22.97 1.45 0.00	20.24 1.32 0.00	20.37 1.30 0.00	19.22 1.18 -0.04	19.92 0.92 0.00	19.55 0.81 -0.04	16.99 0.57 -0.03	15.71 0.53 -0.02	17.00 0.54 0.00	20.75 0.78 -0.95	20.04 1.06 -0.07	23.24 1.39 0.00	29.17 2.29 0.00	28.51 2.48 0.00	32.99 2.96 0.00	33.21 2.86 0.00	30.43 2.53 0.00	27.64 2.18 0.00
PIERCEFIELD__HYD 23852	19.27 -1.09 0.00	19.27 -1.07 0.00	18.70 -0.80 0.00	19.68 -0.73 0.00	18.50 -0.70 0.00	19.40 -0.92 0.00	20.48 -1.03 0.00	17.86 -1.06 0.00	17.85 -1.22 0.00	16.76 -1.25 0.00	17.73 -1.28 0.00	17.39 -1.32 0.00	15.27 -1.12 0.00	14.15 -1.14 -0.13	14.25 -1.20 1.01	22.90 -1.30 -5.17	23.74 -1.19 -6.01	26.86 -1.35 -6.37	32.39 -1.58 -7.09	31.49 -1.52 -6.97	36.05 -1.55 -7.57	36.63 -1.34 -7.62	33.35 -1.24 -6.69	24.60 -0.85 0.00
PINELAWN_CC_1 323563	22.04 1.68 0.00	21.75 1.40 0.00	20.64 1.14 0.00	21.58 1.17 0.00	20.37 1.16 0.00	21.80 1.48 0.00	23.58 2.07 0.00	20.70 1.78 0.00	20.95 1.89 0.00	20.03 2.02 0.00	21.22 2.21 0.00	21.03 2.33 0.00	18.34 1.95 0.00	16.97 1.81 0.00	18.45 1.99 0.00	21.19 2.16 0.00	20.80 1.89 0.00	24.05 2.21 0.00	29.66 2.78 0.00	28.77 2.73 0.00	33.12 3.09 0.00	33.55 3.20 0.00	30.60 2.69 0.00	27.58 2.12 0.00
PJM_GEN_HTP_PROXY 323702	21.98 1.62 0.00	21.83 1.49 0.00	20.78 1.28 0.00	21.59 1.17 0.00	20.37 1.16 0.00	21.69 1.37 0.00	23.13 1.62 0.00	20.54 1.62 0.00	20.82 1.76 0.00	19.91 1.90 0.00	21.05 2.04 0.00	20.84 2.14 0.00	18.23 1.84 0.00	16.96 1.80 0.00	18.39 1.93 0.00	21.17 2.13 0.00	20.82 1.91 0.00	23.98 2.13 0.00	29.34 2.45 0.00	28.48 2.44 0.00	32.71 2.69 0.00	33.09 2.74 0.00	30.32 2.41 0.00	27.47 2.01 0.00
PJM_GEN_KEystone 24065	21.47 1.11 0.00	21.34 0.99 0.00	20.36 0.86 0.00	21.19 0.78 0.00	19.99 0.78 0.00	21.18 0.86 0.00	22.48 0.97 0.00	19.82 0.90 0.00	20.07 1.01 0.00	19.03 1.06 0.04	20.18 1.18 0.00	19.90 1.23 0.04	17.37 1.01 0.03	16.18 1.04 0.02	17.51 1.05 0.00	19.24 1.15 0.94	19.84 1.01 0.07	22.97 1.13 0.00	28.19 1.31 0.00	27.34 1.30 0.00	31.48 1.45 0.00	31.80 1.45 0.00	29.23 1.32 0.00	26.58 1.13 0.00
PJM_GEN_NEPTUNE_PROXY 323594	21.91 1.55 0.00	21.64 1.30 0.00	20.55 1.05 0.00	21.46 1.05 0.00	20.26 1.05 0.00	21.66 1.35 0.00	23.45 1.94 0.00	20.55 1.63 0.00	20.81 1.74 0.00	19.88 1.87 0.00	21.08 2.07 0.00	20.90 2.19 0.00	18.22 1.83 0.00	16.89 1.73 0.00	18.35 1.89 0.00	21.06 2.04 0.00	20.67 1.76 0.00	23.90 2.05 0.00	29.41 2.53 0.00	28.52 2.48 0.00	32.82 2.79 0.00	33.22 2.87 0.00	30.31 2.40 0.00	27.39 1.94 0.00
PJM_GEN_VFT_PROXY 323633	21.91 1.55 0.00	21.76 1.42 0.00	20.71 1.22 0.00	21.50 1.09 0.00	20.30 1.09 0.00	21.60 1.29 0.00	23.03 1.52 0.00	20.46 1.54 0.00	20.74 1.67 0.00	19.83 1.82 0.00	20.96 1.95 0.00	20.76 2.06 0.00	18.16 1.77 0.00	16.90 1.74 0.00	18.32 1.86 0.00	21.07 2.04 0.00	20.73 1.82 0.00	23.88 2.04 0.00	29.20 2.32 0.00	28.35 2.31 0.00	32.56 2.54 0.00	32.92 2.58 0.00	30.19 2.29 0.00	27.37 1.92 0.00
PLATSBRG_115KV_PMLD1 355749	20.07 -0.29 0.00	19.73 -0.62 0.00	18.81 -0.69 0.00	20.08 -0.33 0.00	18.87 -0.34 0.00	20.26 -0.05 0.00	21.56 0.05 0.00	18.84 -0.08 0.00	18.89 -0.17 0.00	17.77 -0.25 0.00	18.56 -0.45 0.00	18.10 -0.60 0.00	15.72 -0.67 0.00	-1.29 -1.01 15.44	-21.19 -1.04 36.62	-21.45 -1.14 39.34	-21.70 -1.12 39.49	-21.30 -1.31 41.83	-21.21 -1.56 46.54	-21.21 -1.49 45.76	-21.34 -1.67 49.70	-21.24 -1.55 50.04	-17.50 -1.49 43.92	25.16 -0.29 0.00
PLEASANTVLY__LBMP 24000	21.68 1.32 0.00	21.55 1.21 0.00	20.52 1.03 0.00	21.36 0.95 0.00	20.15 0.94 0.00	21.46 1.14 0.00	22.90 1.39 0.00	20.31 1.39 0.00	20.60 1.53 0.00	19.65 1.63 -0.01	20.78 1.78 0.00	20.58 1.87 0.00	17.97 1.58 0.00	16.73 1.56 -0.01	18.14 1.67 -0.01	21.04 1.84 -0.17	20.60 1.65 -0.04	23.71 1.83 -0.03	29.07 2.15 -0.04	28.21 2.14 -0.04	32.45 2.38 -0.04	32.73 2.35 -0.04	29.99 2.05 -0.04	27.08 1.63 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	21.81 1.45 0.00	21.67 1.33 0.00	20.63 1.14 0.00	21.47 1.06 0.00	20.26 1.05 0.00	21.57 1.25 0.00	23.01 1.50 0.00	20.42 1.50 0.00	20.70 1.64 0.00	19.77 1.75 -0.01	20.90 1.89 0.00	20.70 1.99 0.00	18.08 1.69 0.00	16.83 1.66 -0.01	18.25 1.78 -0.01	21.16 1.96 -0.17	20.72 1.77 -0.04	23.85 1.97 -0.03	29.24 2.32 -0.04	28.39 2.31 -0.04	32.64 2.57 -0.04	32.95 2.56 -0.04	30.18 2.24 -0.04	27.27 1.82 0.00



PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.81 1.45 0.00	21.67 1.33 0.00	20.63 1.14 0.00	21.47 1.06 0.00	20.26 1.05 0.00	21.57 1.25 0.00	23.01 1.50 0.00	20.42 1.50 0.00	20.70 1.64 0.00	19.77 1.75 -0.01	20.90 1.89 0.00	20.70 1.99 0.00	18.08 1.69 0.00	16.83 1.66 -0.01	18.25 1.78 -0.01	21.16 1.96 -0.17	20.72 1.77 -0.04	23.85 1.97 -0.03	29.24 2.32 -0.04	28.39 2.31 -0.04	32.64 2.57 -0.04	32.95 2.56 -0.04	30.18 2.24 -0.04	27.27 1.82 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.83 1.47 0.00	21.69 1.35 0.00	20.65 1.15 0.00	21.49 1.08 0.00	20.27 1.06 0.00	21.59 1.27 0.00	23.05 1.54 0.00	20.44 1.53 0.00	20.75 1.68 0.00	19.78 1.77 -0.01	20.93 1.93 0.00	20.72 2.02 0.00	18.09 1.69 0.00	16.81 1.65 -0.01	18.26 1.79 -0.01	21.18 1.98 -0.17	20.74 1.79 -0.04	23.88 2.01 -0.03	29.29 2.37 -0.04	28.44 2.37 -0.04	32.71 2.64 -0.04	32.98 2.60 -0.04	30.21 2.27 -0.04	27.28 1.83 0.00
POLETTI____ 23519	21.97 1.61 0.00	21.82 1.47 0.00	20.75 1.26 0.00	21.56 1.15 0.00	20.35 1.14 0.00	21.66 1.34 0.00	23.11 1.60 0.00	20.51 1.60 0.00	20.80 1.74 0.00	19.89 1.87 -0.01	21.02 2.02 0.00	20.83 2.12 0.00	18.23 1.83 0.00	16.96 1.80 -0.01	18.40 1.93 -0.01	21.32 2.12 -0.17	20.85 1.90 -0.04	23.99 2.11 -0.03	29.32 2.40 -0.04	28.45 2.38 -0.04	32.69 2.62 -0.04	33.06 2.68 -0.04	30.32 2.38 -0.04	27.43 1.98 0.00
PORT_JEFF_3 23555	21.94 1.58 0.00	21.62 1.28 0.00	20.51 1.02 0.00	21.51 1.10 0.00	20.30 1.09 0.00	21.78 1.46 0.00	23.56 2.06 0.00	20.69 1.77 0.00	20.91 1.85 0.00	19.96 1.95 0.00	21.10 2.10 0.00	20.92 2.22 0.00	18.27 1.88 0.00	16.89 1.73 0.00	18.37 1.91 0.00	21.09 2.06 0.00	20.70 1.79 0.00	23.96 2.12 0.00	29.64 2.76 0.00	28.72 2.69 0.00	33.07 3.04 0.00	33.56 3.21 0.00	30.56 2.65 0.00	27.48 2.02 0.00
PORT_JEFF_4 23616	21.94 1.58 0.00	21.62 1.28 0.00	20.51 1.02 0.00	21.51 1.10 0.00	20.30 1.09 0.00	21.78 1.46 0.00	23.56 2.06 0.00	20.69 1.77 0.00	20.91 1.85 0.00	19.96 1.95 0.00	21.10 2.10 0.00	20.92 2.22 0.00	18.27 1.88 0.00	16.89 1.73 0.00	18.37 1.91 0.00	21.09 2.06 0.00	20.70 1.79 0.00	23.96 2.12 0.00	29.64 2.76 0.00	28.72 2.69 0.00	33.07 3.04 0.00	33.56 3.21 0.00	30.56 2.65 0.00	27.48 2.02 0.00
PORT_JEFF_IC 23713	21.94 1.58 0.00	21.62 1.28 0.00	20.51 1.02 0.00	21.52 1.10 0.00	20.31 1.10 0.00	21.78 1.47 0.00	23.58 2.07 0.00	20.71 1.79 0.00	20.93 1.87 0.00	19.98 1.97 0.00	21.13 2.12 0.00	20.95 2.24 0.00	18.28 1.89 0.00	16.90 1.74 0.00	18.39 1.93 0.00	21.11 2.08 0.00	20.73 1.82 0.00	23.99 2.15 0.00	29.70 2.82 0.00	28.77 2.73 0.00	33.12 3.09 0.00	33.61 3.27 0.00	30.60 2.70 0.00	27.50 2.05 0.00
PPL PILGRIM_ST_GT1 24216	22.07 1.71 0.00	21.75 1.41 0.00	20.64 1.15 0.00	21.61 1.20 0.00	20.40 1.19 0.00	21.85 1.53 0.00	23.63 2.13 0.00	20.75 1.83 0.00	20.99 1.93 0.00	20.06 2.05 0.00	21.22 2.21 0.00	21.01 2.31 0.00	18.35 1.97 0.00	16.97 1.81 0.00	18.46 2.00 0.00	21.19 2.16 0.00	20.79 1.88 0.00	24.05 2.21 0.00	29.53 2.65 0.00	28.69 2.65 0.00	33.05 3.02 0.00	33.59 3.24 0.00	30.63 2.73 0.00	27.61 2.16 0.00
PPL PILGRIM_ST_GT2 24217	22.07 1.71 0.00	21.75 1.41 0.00	20.64 1.15 0.00	21.61 1.20 0.00	20.40 1.19 0.00	21.85 1.53 0.00	23.63 2.13 0.00	20.75 1.83 0.00	20.99 1.93 0.00	20.06 2.05 0.00	21.22 2.21 0.00	21.01 2.31 0.00	18.35 1.97 0.00	16.97 1.81 0.00	18.46 2.00 0.00	21.19 2.16 0.00	20.79 1.88 0.00	24.05 2.21 0.00	29.53 2.65 0.00	28.69 2.65 0.00	33.05 3.02 0.00	33.59 3.24 0.00	30.63 2.73 0.00	27.61 2.16 0.00
PPL_SHRM_GT3 24213	21.64 1.28 0.00	21.31 0.97 0.00	20.22 0.73 0.00	21.31 0.89 0.00	20.11 0.91 0.00	21.67 1.36 0.00	23.46 1.95 0.00	20.61 1.69 0.00	20.73 1.67 0.00	19.64 1.63 0.00	20.74 1.73 0.00	20.58 1.87 0.00	17.96 1.57 0.00	16.59 1.43 0.00	18.05 1.59 0.00	20.75 1.72 0.00	20.38 1.47 0.00	23.61 1.76 0.00	29.43 2.55 0.00	28.45 2.41 0.00	32.76 2.73 0.00	33.34 2.99 0.00	30.24 2.34 0.00	27.11 1.66 0.00
PPL_SHRM_GT4 24214	21.64 1.28 0.00	21.31 0.97 0.00	20.22 0.73 0.00	21.31 0.89 0.00	20.11 0.91 0.00	21.67 1.36 0.00	23.46 1.95 0.00	20.61 1.69 0.00	20.73 1.67 0.00	19.64 1.63 0.00	20.74 1.73 0.00	20.58 1.87 0.00	17.96 1.57 0.00	16.59 1.43 0.00	18.05 1.59 0.00	20.75 1.72 0.00	20.38 1.47 0.00	23.61 1.76 0.00	29.43 2.55 0.00	28.45 2.41 0.00	32.76 2.73 0.00	33.34 2.99 0.00	30.24 2.34 0.00	27.11 1.66 0.00
PROJECT___ORANGE 1 24174	20.62 0.26 0.00	20.55 0.21 0.00	19.65 0.16 0.00	20.54 0.12 0.00	19.34 0.13 0.00	20.39 0.07 0.00	21.55 0.04 0.00	18.93 0.02 0.00	19.11 0.05 0.00	18.02 0.01 0.00	19.00 -0.01 0.00	18.73 0.02 0.00	16.38 -0.01 0.00	15.21 0.03 -0.02	16.48 0.00 -0.02	19.26 0.00 -0.23	19.12 0.01 -0.20	22.07 0.02 -0.21	27.16 0.04 -0.23	26.32 0.06 -0.23	30.35 0.07 -0.25	30.61 0.02 -0.25	28.11 -0.01 -0.22	25.46 0.01 0.00
PROJECT___ORANGE 2 24166	20.62 0.26 0.00	20.55 0.21 0.00	19.65 0.16 0.00	20.54 0.12 0.00	19.34 0.13 0.00	20.39 0.07 0.00	21.55 0.04 0.00	18.93 0.02 0.00	19.11 0.05 0.00	18.02 0.01 0.00	19.00 -0.01 0.00	18.73 0.02 0.00	16.38 -0.01 0.00	15.21 0.03 -0.02	16.48 0.00 -0.02	19.26 0.00 -0.23	19.12 0.01 -0.20	22.07 0.02 -0.21	27.16 0.04 -0.23	26.32 0.06 -0.23	30.35 0.07 -0.25	30.61 0.02 -0.25	28.11 -0.01 -0.22	25.46 0.01 0.00
PUCKETT___SOLAR 323809	21.44 1.07 0.00	21.33 0.99 0.00	20.40 0.90 0.00	21.30 0.89 0.00	20.04 0.83 0.00	21.17 0.86 0.00	22.45 0.94 0.00	19.74 0.82 0.00	19.91 0.85 0.00	18.81 0.80 0.00	19.75 0.75 0.00	19.40 0.69 0.00	16.93 0.54 0.00	15.70 0.54 0.00	17.02 0.56 0.00	19.69 0.66 0.00	19.63 0.72 0.00	22.86 1.02 0.00	28.21 1.32 0.00	27.40 1.36 0.00	31.59 1.56 0.00	31.89 1.54 0.00	29.28 1.38 0.00	26.66 1.21 0.00
PYRITES___HYD 24023	19.70 -0.66 0.00	19.73 -0.61 0.00	19.16 -0.33 0.00	20.14 -0.27 0.00	18.95 -0.26 0.00	19.88 -0.44 0.00	21.00 -0.51 0.00	18.32 -0.60 0.00	18.28 -0.78 0.00	17.12 -0.89 0.00	18.11 -0.90 0.00	17.75 -0.95 0.00	15.61 -0.78 0.00	14.30 -0.83 0.03	14.28 -0.85 1.33	22.73 -0.88 -4.58	23.57 -0.74 -5.40	26.72 -0.85 -5.72	32.25 -0.99 -6.36	31.38 -0.91 -6.26	35.95 -0.87 -6.80	36.50 -0.69 -6.84	33.26 -0.65 -6.01	25.14 -0.31 0.00
QUAKERRD_115KV_BK1 80622	20.70 0.34 0.00	20.58 0.24 0.00	19.69 0.19 0.00	20.57 0.16 0.00	19.41 0.20 0.00	20.44 0.11 0.00	21.54 0.03 0.00	18.88 -0.04 0.00	19.06 -0.01 0.00	17.91 -0.09 0.02	18.96 -0.05 0.00	18.67 -0.02 0.02	16.36 -0.02 0.01	15.15 0.01 0.03	16.30 -0.08 0.08	18.59 -0.12 0.32	18.90 -0.09 -0.08	21.83 -0.14 -0.12	26.89 -0.13 -0.13	26.01 -0.16 -0.13	29.99 -0.18 -0.14	30.22 -0.27 -0.15	27.79 -0.24 -0.13	25.27 -0.18 0.00



QUENSBRY_I15KV_TB8 356137	21.61 1.26 0.00	21.52 1.18 0.00	20.51 1.02 0.00	21.48 1.07 0.00	20.27 1.06 0.00	21.61 1.29 0.00	22.96 1.45 0.00	20.22 1.31 0.00	20.54 1.48 0.00	19.45 1.44 0.00	20.57 1.56 0.00	20.38 1.67 0.00	17.72 1.33 0.00	16.33 1.17 -0.01	17.55 1.08 -0.01	20.29 1.13 -0.13	19.88 0.94 -0.03	22.98 1.12 -0.03	28.90 1.99 -0.03	28.15 2.08 -0.03	32.50 2.44 -0.03	32.68 2.30 -0.03	29.97 2.04 -0.03	26.90 1.45 0.00
RAMAPO____LBMP 323565	21.82 1.46 0.00	21.67 1.33 0.00	20.64 1.14 0.00	21.47 1.06 0.00	20.25 1.04 0.00	21.55 1.23 0.00	22.98 1.47 0.00	20.38 1.46 0.00	20.65 1.59 0.00	19.71 1.69 -0.01	20.85 1.84 0.00	20.63 1.93 0.00	18.03 1.64 0.00	16.78 1.61 -0.01	18.20 1.73 -0.01	21.13 1.93 -0.17	20.69 1.74 -0.04	23.83 1.96 -0.03	29.19 2.27 -0.04	28.33 2.25 -0.04	32.57 2.50 -0.04	32.87 2.48 -0.04	30.13 2.19 -0.04	27.25 1.80 0.00
RANKINE____ 23646	21.06 0.70 0.00	20.88 0.54 0.00	19.96 0.47 0.00	20.82 0.41 0.00	19.65 0.44 0.00	20.65 0.34 0.00	21.76 0.25 0.00	18.99 0.07 0.00	19.13 0.07 0.00	17.70 -0.06 0.25	19.04 0.04 0.00	18.54 0.04 0.21	16.21 0.00 0.17	15.07 0.05 0.13	16.30 -0.10 0.06	13.24 -0.13 5.66	18.45 -0.14 0.31	21.75 -0.20 -0.11	26.86 -0.15 -0.13	25.96 -0.20 -0.13	29.91 -0.25 -0.14	30.15 -0.33 -0.14	27.79 -0.23 -0.12	25.36 -0.09 0.00
RAVENSWOOD_GT2_1 24244	22.00 1.64 0.00	21.84 1.50 0.00	20.78 1.29 0.00	21.59 1.18 0.00	20.38 1.17 0.00	21.69 1.38 0.00	23.14 1.63 0.00	20.54 1.62 0.00	20.83 1.77 0.00	19.92 1.91 0.00	21.06 2.05 0.00	20.86 2.15 0.00	18.24 1.85 0.00	16.97 1.81 0.00	18.41 1.95 0.00	21.17 2.14 0.00	20.84 1.93 0.00	23.99 2.15 0.00	29.35 2.47 0.00	28.49 2.45 0.00	32.72 2.70 0.00	33.10 2.75 0.00	30.34 2.43 0.00	27.48 2.02 0.00
RAVENSWOOD_GT2_2 24245	22.00 1.64 0.00	21.84 1.50 0.00	20.78 1.29 0.00	21.59 1.18 0.00	20.38 1.17 0.00	21.69 1.38 0.00	23.14 1.63 0.00	20.54 1.62 0.00	20.83 1.77 0.00	19.92 1.91 0.00	21.06 2.05 0.00	20.86 2.15 0.00	18.24 1.85 0.00	16.97 1.81 0.00	18.41 1.95 0.00	21.17 2.14 0.00	20.84 1.93 0.00	23.99 2.15 0.00	29.35 2.47 0.00	28.49 2.45 0.00	32.72 2.70 0.00	33.10 2.75 0.00	30.34 2.43 0.00	27.48 2.02 0.00
RAVENSWOOD_GT2_3 24246	22.00 1.64 0.00	21.85 1.50 0.00	20.79 1.30 0.00	21.60 1.19 0.00	20.38 1.17 0.00	21.70 1.38 0.00	23.15 1.64 0.00	20.55 1.64 0.00	20.84 1.78 0.00	19.92 1.91 0.00	21.07 2.06 0.00	20.86 2.16 0.00	18.24 1.86 0.00	16.98 1.82 0.00	18.41 1.95 0.00	21.18 2.15 0.00	20.84 1.93 0.00	24.00 2.16 0.00	29.36 2.48 0.00	28.50 2.46 0.00	32.74 2.71 0.00	33.11 2.76 0.00	30.35 2.45 0.00	27.49 2.03 0.00
RAVENSWOOD_GT2_4 24247	22.00 1.64 0.00	21.85 1.50 0.00	20.79 1.30 0.00	21.60 1.19 0.00	20.38 1.17 0.00	21.70 1.38 0.00	23.15 1.64 0.00	20.55 1.64 0.00	20.84 1.78 0.00	19.92 1.91 0.00	21.07 2.06 0.00	20.86 2.16 0.00	18.24 1.86 0.00	16.98 1.82 0.00	18.41 1.95 0.00	21.18 2.15 0.00	20.84 1.93 0.00	24.00 2.16 0.00	29.36 2.48 0.00	28.50 2.46 0.00	32.74 2.71 0.00	33.11 2.76 0.00	30.35 2.45 0.00	27.49 2.03 0.00
RAVENSWOOD_GT3_1 24248	22.00 1.64 0.00	21.84 1.50 0.00	20.78 1.29 0.00	21.59 1.18 0.00	20.38 1.17 0.00	21.69 1.38 0.00	23.14 1.63 0.00	20.54 1.62 0.00	20.83 1.77 0.00	19.91 1.90 0.00	21.05 2.04 0.00	20.85 2.14 0.00	18.24 1.85 0.00	16.97 1.81 0.00	18.40 1.94 0.00	21.17 2.13 0.00	20.83 1.92 0.00	23.99 2.15 0.00	29.34 2.46 0.00	28.48 2.45 0.00	32.72 2.69 0.00	33.09 2.74 0.00	30.33 2.43 0.00	27.48 2.02 0.00
RAVENSWOOD_GT3_2 24249	22.00 1.64 0.00	21.84 1.50 0.00	20.78 1.29 0.00	21.59 1.18 0.00	20.38 1.17 0.00	21.69 1.38 0.00	23.14 1.63 0.00	20.54 1.62 0.00	20.83 1.77 0.00	19.91 1.90 0.00	21.05 2.04 0.00	20.85 2.14 0.00	18.24 1.85 0.00	16.97 1.81 0.00	18.40 1.94 0.00	21.17 2.13 0.00	20.83 1.92 0.00	23.99 2.15 0.00	29.34 2.46 0.00	28.48 2.45 0.00	32.72 2.69 0.00	33.09 2.74 0.00	30.33 2.43 0.00	27.48 2.02 0.00
RAVENSWOOD_GT3_3 24250	22.02 1.66 0.00	21.87 1.52 0.00	20.81 1.32 0.00	21.62 1.21 0.00	20.40 1.19 0.00	21.71 1.40 0.00	23.17 1.66 0.00	20.57 1.66 0.00	20.86 1.80 0.00	19.94 1.93 0.00	21.09 2.08 0.00	20.88 2.18 0.00	18.26 1.88 0.00	17.00 1.84 0.00	18.43 1.97 0.00	21.20 2.17 0.00	20.86 1.95 0.00	24.03 2.19 0.00	29.39 2.51 0.00	28.53 2.49 0.00	32.77 2.74 0.00	33.14 2.79 0.00	30.38 2.48 0.00	27.51 2.06 0.00
RAVENSWOOD_GT3_4 24251	22.02 1.66 0.00	21.87 1.52 0.00	20.81 1.32 0.00	21.62 1.21 0.00	20.40 1.19 0.00	21.71 1.40 0.00	23.17 1.66 0.00	20.57 1.66 0.00	20.86 1.80 0.00	19.94 1.93 0.00	21.09 2.08 0.00	20.88 2.18 0.00	18.26 1.88 0.00	17.00 1.84 0.00	18.43 1.97 0.00	21.20 2.17 0.00	20.86 1.95 0.00	24.03 2.19 0.00	29.39 2.51 0.00	28.53 2.49 0.00	32.77 2.74 0.00	33.14 2.79 0.00	30.38 2.48 0.00	27.51 2.06 0.00
RAVENSWOOD_GT_1 23729	22.05 1.69 0.00	21.90 1.55 0.00	20.84 1.34 0.00	21.64 1.23 0.00	20.43 1.22 0.00	21.74 1.42 0.00	23.19 1.68 0.00	20.59 1.68 0.00	20.89 1.82 0.00	19.97 1.96 0.00	21.12 2.11 0.00	20.91 2.21 0.00	18.29 1.90 0.00	17.02 1.86 0.00	18.46 2.00 0.00	21.21 2.18 0.00	20.88 1.97 0.00	24.05 2.20 0.00	29.40 2.52 0.00	28.54 2.50 0.00	32.78 2.75 0.00	33.17 2.82 0.00	30.41 2.51 0.00	27.54 2.09 0.00
RAVENSWOOD_GT_10 24258	22.00 1.64 0.00	21.84 1.49 0.00	20.78 1.29 0.00	21.59 1.18 0.00	20.38 1.17 0.00	21.69 1.38 0.00	23.13 1.63 0.00	20.54 1.62 0.00	20.83 1.76 0.00	19.91 1.90 0.00	21.05 2.04 0.00	20.85 2.14 0.00	18.23 1.85 0.00	16.97 1.81 0.00	18.40 1.94 0.00	21.17 2.13 0.00	20.83 1.92 0.00	23.99 2.15 0.00	29.34 2.46 0.00	28.48 2.45 0.00	32.72 2.69 0.00	33.09 2.74 0.00	30.33 2.43 0.00	27.47 2.02 0.00
RAVENSWOOD_GT_11 24259	22.00 1.64 0.00	21.84 1.49 0.00	20.78 1.29 0.00	21.59 1.18 0.00	20.38 1.17 0.00	21.69 1.38 0.00	23.13 1.63 0.00	20.54 1.62 0.00	20.83 1.76 0.00	19.91 1.90 0.00	21.05 2.04 0.00	20.85 2.14 0.00	18.23 1.85 0.00	16.97 1.81 0.00	18.40 1.94 0.00	21.17 2.13 0.00	20.83 1.92 0.00	23.99 2.15 0.00	29.34 2.46 0.00	28.48 2.45 0.00	32.72 2.69 0.00	33.09 2.74 0.00	30.33 2.43 0.00	27.47 2.02 0.00
RAVENSWOOD_GT_4 24252	21.98 1.62 0.00	21.82 1.48 0.00	20.77 1.28 0.00	21.58 1.17 0.00	20.36 1.15 0.00	21.68 1.36 0.00	23.12 1.62 0.00	20.53 1.62 0.00	20.82 1.76 0.00	19.90 1.89 0.00	21.04 2.04 0.00	20.84 2.14 0.00	18.23 1.84 0.00	16.96 1.80 0.00	18.39 1.93 0.00	21.16 2.12 0.00	20.82 1.91 0.00	23.98 2.13 0.00	29.34 2.45 0.00	28.48 2.44 0.00	32.72 2.69 0.00	33.08 2.73 0.00	30.32 2.42 0.00	27.46 2.01 0.00



RAVENSWOOD_GT_5 24254	21.98 1.62 0.00	21.82 1.48 0.00	20.77 1.28 0.00	21.58 1.17 0.00	20.36 1.15 0.00	21.68 1.36 0.00	23.12 1.62 0.00	20.53 1.62 0.00	20.82 1.76 0.00	19.90 1.89 0.00	21.04 2.04 0.00	20.84 2.14 0.00	18.23 1.84 0.00	16.96 1.80 0.00	18.39 1.93 0.00	21.16 2.12 0.00	20.82 1.91 0.00	23.98 2.13 0.00	29.34 2.45 0.00	28.48 2.44 0.00	32.72 2.69 0.00	33.08 2.73 0.00	30.32 2.42 0.00	27.46 2.01 0.00
RAVENSWOOD_GT_6 24253	21.98 1.62 0.00	21.82 1.48 0.00	20.77 1.28 0.00	21.58 1.17 0.00	20.36 1.15 0.00	21.68 1.36 0.00	23.12 1.62 0.00	20.53 1.62 0.00	20.82 1.76 0.00	19.90 1.89 0.00	21.04 2.04 0.00	20.84 2.14 0.00	18.23 1.84 0.00	16.96 1.80 0.00	18.39 1.93 0.00	21.16 2.12 0.00	20.82 1.91 0.00	23.98 2.13 0.00	29.34 2.45 0.00	28.48 2.44 0.00	32.72 2.69 0.00	33.08 2.73 0.00	30.32 2.42 0.00	27.46 2.01 0.00
RAVENSWOOD_GT_7 24255	21.98 1.62 0.00	21.82 1.48 0.00	20.77 1.28 0.00	21.58 1.17 0.00	20.36 1.15 0.00	21.68 1.36 0.00	23.12 1.62 0.00	20.53 1.62 0.00	20.82 1.76 0.00	19.90 1.89 0.00	21.04 2.04 0.00	20.84 2.14 0.00	18.23 1.84 0.00	16.96 1.80 0.00	18.39 1.93 0.00	21.16 2.12 0.00	20.82 1.91 0.00	23.98 2.13 0.00	29.34 2.45 0.00	28.48 2.44 0.00	32.72 2.69 0.00	33.08 2.73 0.00	30.32 2.42 0.00	27.46 2.01 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.00 1.64 0.00	21.84 1.49 0.00	20.78 1.29 0.00	21.59 1.18 0.00	20.38 1.17 0.00	21.69 1.38 0.00	23.13 1.63 0.00	20.54 1.62 0.00	20.83 1.76 0.00	19.91 1.90 0.00	21.05 2.04 0.00	20.85 2.14 0.00	18.23 1.85 0.00	16.97 1.81 0.00	18.40 1.94 0.00	21.17 2.13 0.00	20.83 1.92 0.00	23.99 2.15 0.00	29.34 2.46 0.00	28.48 2.45 0.00	32.72 2.69 0.00	33.09 2.74 0.00	30.33 2.43 0.00	27.47 2.02 0.00
RAVENSWOOD_GT_9 24257	22.00 1.64 0.00	21.84 1.49 0.00	20.78 1.29 0.00	21.59 1.18 0.00	20.38 1.17 0.00	21.69 1.38 0.00	23.13 1.63 0.00	20.54 1.62 0.00	20.83 1.76 0.00	19.91 1.90 0.00	21.05 2.04 0.00	20.85 2.14 0.00	18.23 1.85 0.00	16.97 1.81 0.00	18.40 1.94 0.00	21.17 2.13 0.00	20.83 1.92 0.00	23.99 2.15 0.00	29.34 2.46 0.00	28.48 2.45 0.00	32.72 2.69 0.00	33.09 2.74 0.00	30.33 2.43 0.00	27.47 2.02 0.00
RAVENSWOOD___1 23533	22.05 1.69 0.00	21.90 1.55 0.00	20.84 1.34 0.00	21.64 1.23 0.00	20.43 1.22 0.00	21.74 1.42 0.00	23.19 1.68 0.00	20.59 1.68 0.00	20.89 1.82 0.00	19.97 1.96 0.00	21.12 2.11 0.00	20.91 2.21 0.00	18.29 1.90 0.00	17.02 1.86 0.00	18.46 2.00 0.00	21.21 2.18 0.00	20.88 1.97 0.00	24.05 2.20 0.00	29.40 2.52 0.00	28.54 2.50 0.00	32.78 2.75 0.00	33.17 2.82 0.00	30.41 2.51 0.00	27.54 2.09 0.00
RAVENSWOOD___2 23534	22.05 1.69 0.00	21.90 1.55 0.00	20.84 1.34 0.00	21.64 1.23 0.00	20.43 1.22 0.00	21.74 1.42 0.00	23.19 1.68 0.00	20.59 1.68 0.00	20.89 1.82 0.00	19.97 1.96 0.00	21.12 2.11 0.00	20.91 2.21 0.00	18.29 1.90 0.00	17.02 1.86 0.00	18.46 2.00 0.00	21.21 2.18 0.00	20.88 1.97 0.00	24.05 2.20 0.00	29.40 2.52 0.00	28.54 2.50 0.00	32.78 2.75 0.00	33.17 2.82 0.00	30.41 2.51 0.00	27.54 2.09 0.00
RAVENSWOOD___3 23535	22.00 1.64 0.00	21.84 1.50 0.00	20.78 1.29 0.00	21.59 1.18 0.00	20.38 1.17 0.00	21.69 1.38 0.00	23.14 1.63 0.00	20.54 1.62 0.00	20.83 1.77 0.00	19.92 1.91 0.00	21.06 2.05 0.00	20.86 2.15 0.00	18.24 1.85 0.00	16.97 1.81 0.00	18.41 1.95 0.00	21.17 2.14 0.00	20.84 1.93 0.00	23.99 2.15 0.00	29.35 2.47 0.00	28.49 2.45 0.00	32.73 2.70 0.00	33.10 2.75 0.00	30.34 2.44 0.00	27.48 2.03 0.00
RAVENSWOOD___4 23820	22.05 1.69 0.00	21.90 1.55 0.00	20.84 1.34 0.00	21.64 1.23 0.00	20.43 1.22 0.00	21.74 1.42 0.00	23.19 1.68 0.00	20.59 1.68 0.00	20.89 1.82 0.00	19.97 1.96 0.00	21.12 2.11 0.00	20.91 2.21 0.00	18.29 1.90 0.00	17.02 1.86 0.00	18.46 2.00 0.00	21.21 2.18 0.00	20.88 1.97 0.00	24.05 2.20 0.00	29.40 2.52 0.00	28.54 2.50 0.00	32.78 2.75 0.00	33.17 2.82 0.00	30.41 2.51 0.00	27.54 2.09 0.00
RCPL_TRUST___DRP 24196	22.03 1.67 0.00	21.88 1.53 0.00	20.81 1.32 0.00	21.63 1.21 0.00	20.41 1.20 0.00	21.73 1.41 0.00	23.18 1.67 0.00	20.58 1.66 0.00	20.87 1.80 0.00	19.96 1.94 -0.01	21.09 2.09 0.00	20.89 2.18 0.00	18.27 1.88 0.00	17.01 1.84 -0.01	18.44 1.98 -0.01	21.39 2.19 -0.17	20.92 1.97 -0.04	24.08 2.20 -0.03	29.44 2.52 -0.04	28.56 2.49 -0.04	32.82 2.75 -0.04	33.19 2.81 -0.04	30.42 2.48 -0.04	27.52 2.07 0.00
RED___ROCHESTER 323720	21.02 0.66 0.00	20.90 0.56 0.00	19.98 0.49 0.00	20.84 0.43 0.00	19.69 0.48 0.00	20.73 0.42 0.00	21.92 0.41 0.00	19.17 0.25 0.00	19.36 0.29 0.00	18.24 0.23 0.00	19.29 0.28 0.00	19.00 0.29 0.00	16.65 0.26 0.00	15.43 0.28 0.00	16.65 0.19 0.00	19.25 0.22 0.00	19.14 0.24 0.00	22.09 0.24 0.00	27.21 0.33 0.00	26.28 0.24 0.00	30.33 0.30 0.00	30.56 0.21 0.00	28.10 0.19 0.00	25.62 0.17 0.00
REGAN___SOLAR 323812	22.60 2.23 0.00	22.46 2.12 0.00	21.46 1.97 0.00	22.48 2.07 0.00	21.17 1.96 0.00	22.36 2.04 0.00	23.63 2.12 0.00	20.74 1.82 0.00	20.80 1.74 0.00	19.47 1.46 0.00	20.51 1.51 0.00	19.99 1.28 0.00	17.53 1.14 0.00	16.06 0.90 0.00	17.21 0.75 0.00	20.07 1.04 0.00	20.42 1.52 0.00	23.95 2.11 0.00	29.28 2.40 0.00	28.57 2.53 0.00	33.01 2.99 0.00	33.42 3.07 0.00	30.62 2.72 0.00	28.03 2.58 0.00
RENSSELAER___COGEN 23796	20.78 0.42 0.00	20.76 0.42 0.00	19.82 0.32 0.00	20.66 0.25 0.00	19.52 0.31 0.00	20.77 0.45 0.00	22.11 0.60 0.00	19.62 0.70 0.00	19.87 0.80 0.00	18.81 0.80 0.00	19.82 0.82 0.00	19.63 0.92 0.00	17.20 0.81 0.00	15.99 0.83 0.00	17.32 0.86 0.00	19.91 0.88 0.00	19.69 0.78 0.00	22.67 0.83 0.00	28.00 1.11 0.00	27.15 1.11 0.00	31.26 1.23 0.00	31.43 1.08 0.00	28.78 0.87 0.00	26.00 0.55 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.83 2.47 0.00	22.65 2.31 0.00	21.60 2.11 0.00	22.74 2.33 0.00	21.47 2.26 0.00	22.93 2.61 0.00	24.29 2.78 0.00	21.46 2.55 0.00	21.74 2.67 0.00	20.42 2.40 0.00	21.65 2.64 0.00	21.54 2.83 0.00	18.70 2.30 0.00	17.27 2.10 -0.01	18.59 2.12 -0.01	21.36 2.20 -0.13	20.80 1.86 -0.03	24.06 2.19 -0.03	30.22 3.31 -0.03	29.43 3.36 -0.03	34.05 3.99 -0.03	34.06 3.68 -0.03	31.31 3.38 -0.03	28.01 2.56 0.00
REVERE_CPPR_DRP 24186	21.06 0.70 0.00	20.99 0.64 0.00	20.10 0.60 0.00	21.01 0.59 0.00	19.71 0.50 0.00	20.79 0.47 0.00	21.99 0.48 0.00	19.27 0.35 0.00	19.41 0.35 0.00	18.23 0.22 0.00	19.16 0.15 0.00	18.85 0.14 0.00	16.46 0.07 0.00	16.22 0.13 -0.93	19.20 0.12 -2.62	20.14 0.23 -0.88	19.69 0.23 -0.55	22.76 0.34 -0.58	28.13 0.61 -0.64	27.28 0.61 -0.63	31.57 0.86 -0.69	32.01 0.97 -0.69	29.36 0.85 -0.60	26.26 0.81 0.00



REYNOLDS_115KV_TB3 80639	20.94 0.58 0.00	20.93 0.59 0.00	19.97 0.47 0.00	20.81 0.41 0.00	19.69 0.48 0.00	20.99 0.68 0.00	22.35 0.84 0.00	19.84 0.93 0.00	20.10 1.03 0.00	19.01 1.00 0.00	20.08 1.08 0.00	19.89 1.18 0.00	17.42 1.03 0.00	16.21 1.04 -0.01	17.56 1.09 0.00	20.31 1.14 -0.14	19.95 1.01 -0.04	22.94 1.07 -0.03	28.36 1.45 -0.03	27.48 1.42 -0.03	31.68 1.62 -0.03	31.82 1.44 -0.03	29.11 1.17 -0.03	26.21 0.76 0.00
RIVERBAY____ 323610	22.06 1.69 0.00	21.89 1.55 0.00	20.81 1.32 0.00	21.61 1.20 0.00	20.41 1.19 0.00	21.73 1.41 0.00	23.22 1.71 0.00	20.61 1.69 0.00	20.89 1.83 0.00	19.88 1.86 -0.01	21.03 2.03 0.00	20.81 2.10 0.00	18.19 1.80 0.00	16.92 1.75 -0.01	18.34 1.87 -0.01	21.29 2.09 -0.17	20.85 1.90 -0.04	24.02 2.15 -0.03	29.34 2.42 -0.04	28.46 2.38 -0.04	32.71 2.64 -0.04	33.08 2.69 -0.04	30.34 2.40 -0.04	27.50 2.05 0.00
RIVERSDE_115KV_TB3 55908	20.82 0.46 0.00	20.81 0.47 0.00	19.87 0.37 0.00	20.70 0.29 0.00	19.57 0.36 0.00	20.84 0.52 0.00	22.18 0.67 0.00	19.69 0.77 0.00	19.94 0.87 0.00	18.88 0.86 0.00	19.90 0.90 0.00	19.71 1.00 0.00	17.27 0.88 0.00	16.06 0.89 -0.01	17.40 0.93 0.00	20.13 0.96 -0.13	19.80 0.86 -0.04	22.78 0.91 -0.03	28.13 1.22 -0.03	27.27 1.21 -0.03	31.42 1.36 -0.03	31.58 1.20 -0.03	28.90 0.96 -0.03	26.07 0.61 0.00
ROARING____BROOK_WT_PWR 323790	19.48 -0.88 0.00	19.57 -0.77 0.00	18.88 -0.61 0.00	19.88 -0.54 0.00	18.72 -0.49 0.00	19.40 -0.92 0.00	20.20 -1.31 0.00	17.28 -1.65 0.00	17.27 -1.79 0.00	16.43 -1.58 0.00	17.47 -1.54 0.00	17.18 -1.52 0.00	15.01 -1.38 0.00	12.37 -1.41 1.38	10.91 -1.46 4.08	16.91 -1.61 0.51	17.33 -1.58 0.00	19.99 -1.86 0.00	24.96 -1.93 0.00	23.88 -2.16 0.00	28.25 -1.78 0.00	29.64 -0.71 0.00	27.30 -0.61 0.00	25.01 -0.45 0.00
ROCHESRG_115KV_T4 355643	20.79 0.43 0.00	20.66 0.32 0.00	19.77 0.27 0.00	20.64 0.22 0.00	19.49 0.28 0.00	20.51 0.19 0.00	21.65 0.14 0.00	18.95 0.03 0.00	19.12 0.06 0.00	17.97 -0.01 0.03	19.04 0.03 0.00	18.72 0.04 0.03	16.41 0.04 0.02	15.19 0.07 0.04	16.34 -0.04 0.08	18.27 -0.09 0.67	18.90 -0.06 -0.06	21.86 -0.10 -0.12	26.94 -0.07 -0.13	26.04 -0.13 -0.13	30.03 -0.14 -0.14	30.27 -0.22 -0.14	27.84 -0.19 -0.13	25.31 -0.14 0.00
ROCHESTER_9_IC 23652	20.91 0.55 0.00	20.79 0.44 0.00	19.88 0.39 0.00	20.75 0.34 0.00	19.60 0.39 0.00	20.63 0.31 0.00	21.79 0.28 0.00	19.07 0.16 0.00	19.25 0.19 0.00	18.11 0.12 0.02	19.16 0.16 0.00	18.85 0.17 0.02	16.52 0.15 0.02	15.30 0.17 0.03	16.46 0.08 0.08	18.55 0.05 0.53	19.06 0.08 -0.07	22.02 0.06 -0.12	27.14 0.12 -0.13	26.23 0.06 -0.13	30.25 0.08 -0.14	30.49 0.00 -0.14	28.03 0.00 -0.13	25.48 0.03 0.00
ROCKVIEW_13_KV_LD 356306	21.97 1.61 0.00	21.82 1.47 0.00	20.76 1.26 0.00	21.58 1.17 0.00	20.36 1.15 0.00	21.68 1.36 0.00	23.14 1.63 0.00	20.54 1.62 0.00	20.85 1.78 0.00	19.91 1.90 -0.01	21.07 2.06 0.00	20.86 2.15 0.00	18.23 1.84 0.00	16.96 1.80 -0.01	18.39 1.93 -0.01	21.34 2.14 -0.17	20.88 1.93 -0.04	24.05 2.18 -0.03	29.45 2.53 -0.04	28.58 2.50 -0.04	32.86 2.79 -0.04	33.16 2.78 -0.04	30.37 2.43 -0.04	27.45 2.00 0.00
ROME____115KV_TB2 80656	21.06 0.70 0.00	20.99 0.64 0.00	20.10 0.60 0.00	21.01 0.59 0.00	19.71 0.50 0.00	20.79 0.47 0.00	21.99 0.48 0.00	19.27 0.35 0.00	19.41 0.35 0.00	18.23 0.22 0.00	19.16 0.15 0.00	18.85 0.14 0.00	16.46 0.07 0.00	16.22 0.13 -0.93	19.20 0.12 -2.62	20.14 0.23 -0.88	19.69 0.23 -0.55	22.76 0.34 -0.58	28.13 0.61 -0.64	27.28 0.61 -0.63	31.57 0.86 -0.69	32.01 0.97 -0.69	29.36 0.85 -0.60	26.26 0.81 0.00
ROSETON____1 23587	21.68 1.32 0.00	21.56 1.22 0.00	20.53 1.03 0.00	21.37 0.96 0.00	20.15 0.95 0.00	21.45 1.14 0.00	22.87 1.36 0.00	20.29 1.37 0.00	20.57 1.50 0.00	19.60 1.59 0.00	20.74 1.74 0.00	20.52 1.82 0.00	17.93 1.54 0.00	16.68 1.52 0.00	18.09 1.63 0.00	20.83 1.80 0.00	20.52 1.61 0.00	23.64 1.80 0.00	29.00 2.12 0.00	28.15 2.11 0.00	32.37 2.34 0.00	32.66 2.32 0.00	29.94 2.03 0.00	27.09 1.64 0.00
ROSETON____2 23588	21.68 1.32 0.00	21.56 1.22 0.00	20.53 1.03 0.00	21.37 0.96 0.00	20.15 0.95 0.00	21.45 1.14 0.00	22.87 1.36 0.00	20.29 1.37 0.00	20.57 1.50 0.00	19.60 1.59 0.00	20.74 1.74 0.00	20.52 1.82 0.00	17.93 1.54 0.00	16.68 1.52 0.00	18.09 1.63 0.00	20.83 1.80 0.00	20.52 1.61 0.00	23.64 1.80 0.00	29.00 2.12 0.00	28.15 2.11 0.00	32.37 2.34 0.00	32.66 2.32 0.00	29.94 2.03 0.00	27.09 1.64 0.00
ROTTSDAM_115KV_TB3 80664	21.17 0.81 0.00	21.12 0.78 0.00	20.15 0.66 0.00	21.06 0.65 0.00	19.85 0.63 0.00	21.07 0.76 0.00	22.39 0.88 0.00	19.77 0.86 0.00	20.01 0.94 0.00	18.92 0.91 0.00	19.97 0.97 0.00	19.72 1.01 0.00	17.23 0.84 0.00	15.98 0.81 -0.01	17.31 0.83 -0.01	20.07 0.91 -0.13	19.80 0.86 -0.03	22.86 1.00 -0.03	28.22 1.30 -0.03	27.38 1.31 -0.03	31.56 1.50 -0.03	31.83 1.45 -0.03	29.19 1.25 -0.03	26.43 0.98 0.00
RUSSELL____1 23602	21.02 0.66 0.00	20.89 0.55 0.00	19.98 0.48 0.00	20.85 0.44 0.00	19.70 0.48 0.00	20.73 0.42 0.00	21.91 0.40 0.00	19.17 0.25 0.00	19.36 0.29 0.00	18.22 0.24 0.02	19.29 0.28 0.00	18.98 0.29 0.02	16.63 0.27 0.02	15.40 0.27 0.03	16.56 0.18 0.08	18.68 0.18 0.53	19.18 0.21 -0.07	22.18 0.22 -0.12	27.33 0.31 -0.13	26.42 0.25 -0.13	30.46 0.29 -0.14	30.69 0.21 -0.14	28.22 0.18 -0.13	25.62 0.17 0.00
RUSSELL____2 23532	21.02 0.66 0.00	20.89 0.55 0.00	19.98 0.48 0.00	20.85 0.44 0.00	19.70 0.48 0.00	20.73 0.42 0.00	21.91 0.40 0.00	19.17 0.25 0.00	19.36 0.29 0.00	18.22 0.24 0.02	19.29 0.28 0.00	18.98 0.29 0.02	16.63 0.27 0.02	15.40 0.27 0.03	16.56 0.18 0.08	18.68 0.18 0.53	19.18 0.21 -0.07	22.18 0.22 -0.12	27.33 0.31 -0.13	26.42 0.25 -0.13	30.46 0.29 -0.14	30.69 0.21 -0.14	28.22 0.18 -0.13	25.62 0.17 0.00
RUSSELL____3 23549	21.02 0.66 0.00	20.89 0.55 0.00	19.98 0.48 0.00	20.85 0.44 0.00	19.70 0.48 0.00	20.73 0.42 0.00	21.91 0.40 0.00	19.17 0.25 0.00	19.36 0.29 0.00	18.22 0.24 0.02	19.29 0.28 0.00	18.98 0.29 0.02	16.63 0.27 0.02	15.40 0.27 0.03	16.56 0.18 0.08	18.68 0.18 0.53	19.18 0.21 -0.07	22.18 0.22 -0.12	27.33 0.31 -0.13	26.42 0.25 -0.13	30.46 0.29 -0.14	30.69 0.21 -0.14	28.22 0.18 -0.13	25.62 0.17 0.00
RUSSELL____4 23556	21.02 0.66 0.00	20.89 0.55 0.00	19.98 0.48 0.00	20.85 0.44 0.00	19.70 0.48 0.00	20.73 0.42 0.00	21.91 0.40 0.00	19.17 0.25 0.00	19.36 0.29 0.00	18.22 0.24 0.02	19.29 0.28 0.00	18.98 0.29 0.02	16.63 0.27 0.02	15.40 0.27 0.03	16.56 0.18 0.08	18.68 0.18 0.53	19.18 0.21 -0.07	22.18 0.22 -0.12	27.33 0.31 -0.13	26.42 0.25 -0.13	30.46 0.29 -0.14	30.69 0.21 -0.14	28.22 0.18 -0.13	25.62 0.17 0.00



RUSSELL___STATION 23914	21.02 0.66 0.00	20.89 0.55 0.00	19.98 0.48 0.00	20.85 0.44 0.00	19.70 0.48 0.00	20.73 0.42 0.00	21.91 0.40 0.00	19.17 0.25 0.00	19.36 0.29 0.00	18.22 0.24 0.02	19.29 0.28 0.00	18.98 0.29 0.02	16.63 0.27 0.02	15.40 0.27 0.03	16.56 0.18 0.08	18.68 0.18 0.53	19.18 0.21 -0.07	22.18 0.22 -0.12	27.33 0.31 -0.13	26.42 0.25 -0.13	30.46 0.29 -0.14	30.69 0.21 -0.14	28.22 0.18 -0.13	25.62 0.17 0.00
S SALMON___HYD 24043	20.39 0.02 0.00	20.34 0.00 0.00	19.48 -0.02 0.00	20.38 -0.04 0.00	19.17 -0.04 0.00	20.10 -0.22 0.00	21.13 -0.37 0.00	18.46 -0.46 0.00	18.53 -0.54 0.00	17.44 -0.56 0.00	18.40 -0.60 0.00	18.14 -0.56 0.00	15.86 -0.53 0.00	13.80 -0.48 0.88	13.27 -0.59 2.61	18.04 -0.67 0.33	18.27 -0.64 0.00	21.20 -0.64 0.00	26.26 -0.63 0.00	25.48 -0.56 0.00	29.71 -0.31 0.00	30.24 -0.11 0.00	27.79 -0.11 0.00	25.32 -0.13 0.00
S.PERRY___115KV_TB1 80734	21.55 1.19 0.00	21.39 1.05 0.00	20.42 0.92 0.00	21.25 0.84 0.00	19.93 0.72 0.00	21.00 0.68 0.00	22.15 0.64 0.00	18.97 0.05 0.00	18.85 -0.21 0.00	18.62 -0.23 -0.84	18.63 -0.38 0.00	19.10 -0.31 -0.71	16.69 -0.28 -0.57	15.29 -0.26 -0.39	15.99 -0.41 0.06	37.91 -0.41 -19.28	20.40 -0.03 -1.51	22.09 0.13 -0.11	27.22 0.21 -0.13	26.31 0.14 -0.13	30.51 0.34 -0.14	31.41 0.93 -0.14	29.01 0.98 -0.12	26.31 0.85 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.77 0.41 0.00	20.60 0.26 0.00	19.70 0.20 0.00	20.55 0.13 0.00	19.42 0.21 0.00	20.40 0.08 0.00	21.46 -0.05 0.00	18.72 -0.20 0.00	18.87 -0.19 0.00	17.45 -0.32 0.24	18.79 -0.22 0.00	18.30 -0.20 0.20	16.03 -0.19 0.16	14.89 -0.14 0.13	16.08 -0.31 0.07	13.20 -0.39 5.45	18.20 -0.42 0.30	21.42 -0.54 -0.11	26.43 -0.58 -0.13	25.54 -0.63 -0.13	29.42 -0.74 -0.14	29.66 -0.83 -0.14	27.34 -0.68 -0.12	24.95 -0.50 0.00
SAWYER___23_KV_LOAD 55526	20.77 0.41 0.00	20.60 0.26 0.00	19.70 0.20 0.00	20.55 0.13 0.00	19.42 0.21 0.00	20.40 0.08 0.00	21.46 -0.05 0.00	18.72 -0.20 0.00	18.87 -0.19 0.00	17.45 -0.32 0.24	18.79 -0.22 0.00	18.30 -0.20 0.20	16.03 -0.19 0.16	14.89 -0.14 0.13	16.08 -0.31 0.07	13.20 -0.39 5.45	18.20 -0.42 0.30	21.42 -0.54 -0.11	26.43 -0.58 -0.13	25.54 -0.63 -0.13	29.42 -0.74 -0.14	29.66 -0.83 -0.14	27.34 -0.68 -0.12	24.95 -0.50 0.00
SELKIRK___I 23801	20.92 0.56 0.00	20.90 0.55 0.00	19.93 0.44 0.00	20.82 0.41 0.00	19.61 0.40 0.00	20.82 0.50 0.00	22.14 0.63 0.00	19.59 0.68 0.00	19.83 0.76 0.00	18.79 0.78 0.00	19.83 0.82 0.00	19.59 0.89 0.00	17.15 0.77 0.00	15.93 0.77 0.00	17.26 0.80 0.00	19.89 0.86 0.00	19.69 0.78 0.00	22.69 0.85 0.00	27.93 1.05 0.00	27.09 1.06 0.00	31.20 1.18 0.00	31.44 1.10 0.00	28.84 0.93 0.00	26.15 0.70 0.00
SELKIRK___II 23799	20.89 0.53 0.00	20.87 0.52 0.00	19.91 0.42 0.00	20.78 0.37 0.00	19.60 0.39 0.00	20.83 0.51 0.00	22.16 0.65 0.00	19.63 0.72 0.00	19.87 0.81 0.00	18.82 0.82 0.00	19.84 0.84 0.00	19.62 0.92 0.00	17.18 0.79 0.00	15.96 0.80 0.00	17.30 0.84 0.00	19.91 0.88 0.00	19.71 0.80 0.00	22.71 0.87 0.00	28.00 1.12 0.00	27.16 1.12 0.00	31.27 1.25 0.00	31.49 1.14 0.00	28.87 0.96 0.00	26.13 0.68 0.00
SENECA OSWGO___HYD 24041	20.39 0.03 0.00	20.33 -0.01 0.00	19.45 -0.05 0.00	20.31 -0.10 0.00	19.13 -0.08 0.00	20.18 -0.13 0.00	21.31 -0.20 0.00	18.73 -0.19 0.00	18.89 -0.18 0.00	17.81 -0.20 0.00	18.76 -0.25 0.00	18.49 -0.21 0.00	16.17 -0.21 0.00	14.80 -0.16 0.20	15.66 -0.21 0.59	18.72 -0.24 0.07	18.69 -0.22 0.00	21.61 -0.23 0.00	26.60 -0.28 0.00	25.79 -0.25 0.00	29.77 -0.25 0.00	30.03 -0.33 0.00	27.58 -0.32 0.00	25.17 -0.28 0.00
SENECA___115KV_TB3 355854	21.09 0.73 0.00	20.92 0.58 0.00	20.00 0.50 0.00	20.85 0.45 0.00	19.69 0.47 0.00	20.69 0.37 0.00	21.79 0.28 0.00	19.02 0.10 0.00	19.17 0.10 0.00	17.73 -0.03 0.25	19.08 0.07 0.00	18.57 0.08 0.21	16.24 0.03 0.17	15.10 0.07 0.13	16.32 -0.07 0.06	13.27 -0.10 5.66	18.48 -0.11 0.31	21.79 -0.16 -0.11	26.90 -0.11 -0.13	26.01 -0.16 -0.13	29.97 -0.19 -0.14	30.21 -0.27 -0.14	27.84 -0.18 -0.12	25.41 -0.05 0.00
SENECA___ENERGY 23797	20.88 0.52 0.00	20.80 0.46 0.00	19.85 0.36 0.00	20.73 0.32 0.00	19.49 0.28 0.00	20.57 0.25 0.00	21.79 0.28 0.00	19.12 0.20 0.00	19.29 0.22 0.00	18.22 0.16 -0.06	19.14 0.14 0.00	18.90 0.14 -0.05	16.51 0.08 -0.04	15.33 0.14 -0.03	16.56 0.10 0.00	20.50 0.16 -1.31	19.24 0.24 -0.09	22.15 0.31 0.00	27.28 0.39 0.00	26.42 0.38 0.00	30.48 0.45 0.00	30.74 0.39 0.00	28.23 0.33 0.00	25.74 0.29 0.00
SHOEMAKER___GT 23640	21.73 1.37 0.00	21.61 1.27 0.00	20.58 1.08 0.00	21.43 1.02 0.00	20.21 1.00 0.00	21.49 1.17 0.00	22.90 1.39 0.00	20.30 1.38 0.00	20.57 1.51 0.00	19.62 1.61 0.00	20.75 1.74 0.00	20.51 1.80 0.00	17.90 1.51 0.00	16.63 1.47 0.00	18.03 1.57 0.00	20.81 1.78 0.00	20.53 1.62 0.00	23.66 1.82 0.00	29.04 2.15 0.00	28.20 2.17 0.00	32.46 2.43 0.00	32.75 2.41 0.00	30.02 2.12 0.00	27.15 1.70 0.00
SHOEMAKR_138KV_BK 111 55601	21.73 1.36 0.00	21.60 1.26 0.00	20.57 1.08 0.00	21.43 1.02 0.00	20.20 0.99 0.00	21.48 1.16 0.00	22.90 1.39 0.00	20.29 1.37 0.00	20.56 1.50 0.00	19.61 1.59 -0.01	20.73 1.73 0.00	20.50 1.79 0.00	17.89 1.50 0.00	16.63 1.46 -0.01	18.04 1.57 -0.01	20.98 1.77 -0.18	20.56 1.61 -0.04	23.69 1.81 -0.03	29.05 2.13 -0.04	28.21 2.13 -0.04	32.46 2.39 -0.04	32.76 2.37 -0.04	30.03 2.09 -0.04	27.13 1.68 0.00
SHOREHAM_IC_1 23715	21.64 1.28 0.00	21.31 0.97 0.00	20.22 0.73 0.00	21.31 0.89 0.00	20.11 0.91 0.00	21.67 1.36 0.00	23.46 1.95 0.00	20.61 1.69 0.00	20.73 1.67 0.00	19.64 1.63 0.00	20.74 1.73 0.00	20.58 1.87 0.00	17.96 1.57 0.00	16.59 1.43 0.00	18.05 1.59 0.00	20.75 1.72 0.00	20.38 1.47 0.00	23.61 1.76 0.00	29.43 2.55 0.00	28.45 2.41 0.00	32.76 2.73 0.00	33.34 2.99 0.00	30.24 2.34 0.00	27.11 1.66 0.00
SHOREHAM_IC_2 23716	21.64 1.28 0.00	21.31 0.97 0.00	20.22 0.73 0.00	21.31 0.89 0.00	20.11 0.91 0.00	21.67 1.36 0.00	23.46 1.95 0.00	20.61 1.69 0.00	20.73 1.67 0.00	19.64 1.63 0.00	20.74 1.73 0.00	20.58 1.87 0.00	17.96 1.57 0.00	16.59 1.43 0.00	18.05 1.59 0.00	20.75 1.72 0.00	20.38 1.47 0.00	23.61 1.76 0.00	29.43 2.55 0.00	28.45 2.41 0.00	32.76 2.73 0.00	33.34 2.99 0.00	30.24 2.34 0.00	27.11 1.66 0.00
SISSONVILLE___ 23735	19.27 -1.09 0.00	19.27 -1.07 0.00	18.70 -0.80 0.00	19.68 -0.73 0.00	18.50 -0.70 0.00	19.40 -0.92 0.00	20.48 -1.03 0.00	17.86 -1.06 0.00	17.85 -1.22 0.00	16.76 -1.25 0.00	17.73 -1.28 0.00	17.39 -1.32 0.00	15.27 -1.12 0.00	14.15 -1.14 -0.13	14.25 -1.20 1.01	22.90 -1.30 -5.17	23.74 -1.19 -6.01	26.86 -1.35 -6.37	32.39 -1.58 -7.09	31.49 -1.52 -6.97	36.05 -1.55 -7.57	36.63 -1.34 -7.62	33.35 -1.24 -6.69	24.60 -0.85 0.00



SITHE_IND_GS1 24169	20.20 -0.16 0.00	20.15 -0.19 0.00	19.28 -0.21 0.00	20.15 -0.26 0.00	18.95 -0.26 0.00	20.02 -0.30 0.00	21.16 -0.35 0.00	18.59 -0.33 0.00	18.75 -0.31 0.00	17.67 -0.34 0.00	18.63 -0.38 0.00	18.35 -0.35 0.00	16.07 -0.32 0.00	14.89 -0.27 0.00	16.13 -0.33 0.00	18.66 -0.37 0.00	18.55 -0.36 0.00	21.42 -0.42 0.00	26.35 -0.53 0.00	25.53 -0.50 0.00	29.45 -0.58 0.00	29.73 -0.62 0.00	27.33 -0.58 0.00	24.99 -0.47 0.00
SITHE_IND_GS2 24170	20.20 -0.16 0.00	20.15 -0.19 0.00	19.28 -0.21 0.00	20.15 -0.26 0.00	18.95 -0.26 0.00	20.02 -0.30 0.00	21.16 -0.35 0.00	18.59 -0.33 0.00	18.75 -0.31 0.00	17.67 -0.34 0.00	18.63 -0.38 0.00	18.35 -0.35 0.00	16.07 -0.32 0.00	14.89 -0.27 0.00	16.13 -0.33 0.00	18.66 -0.37 0.00	18.55 -0.36 0.00	21.42 -0.42 0.00	26.35 -0.53 0.00	25.53 -0.50 0.00	29.45 -0.58 0.00	29.73 -0.62 0.00	27.33 -0.58 0.00	24.99 -0.47 0.00
SITHE_IND_GS3 24171	20.20 -0.16 0.00	20.15 -0.19 0.00	19.28 -0.21 0.00	20.15 -0.26 0.00	18.95 -0.26 0.00	20.02 -0.30 0.00	21.16 -0.35 0.00	18.59 -0.33 0.00	18.75 -0.31 0.00	17.67 -0.34 0.00	18.63 -0.38 0.00	18.35 -0.35 0.00	16.07 -0.32 0.00	14.89 -0.27 0.00	16.13 -0.33 0.00	18.66 -0.37 0.00	18.55 -0.36 0.00	21.42 -0.42 0.00	26.35 -0.53 0.00	25.53 -0.50 0.00	29.45 -0.58 0.00	29.73 -0.62 0.00	27.33 -0.58 0.00	24.99 -0.47 0.00
SITHE_IND_GS4 24172	20.20 -0.16 0.00	20.15 -0.19 0.00	19.28 -0.21 0.00	20.15 -0.26 0.00	18.95 -0.26 0.00	20.02 -0.30 0.00	21.16 -0.35 0.00	18.59 -0.33 0.00	18.75 -0.31 0.00	17.67 -0.34 0.00	18.63 -0.38 0.00	18.35 -0.35 0.00	16.07 -0.32 0.00	14.89 -0.27 0.00	16.13 -0.33 0.00	18.66 -0.37 0.00	18.55 -0.36 0.00	21.42 -0.42 0.00	26.35 -0.53 0.00	25.53 -0.50 0.00	29.45 -0.58 0.00	29.73 -0.62 0.00	27.33 -0.58 0.00	24.99 -0.47 0.00
SITHE___BATAVIA 24024	21.26 0.90 0.00	21.10 0.75 0.00	20.17 0.67 0.00	21.01 0.59 0.00	19.87 0.65 0.00	20.93 0.61 0.00	22.06 0.55 0.00	19.27 0.35 0.00	19.45 0.39 0.00	18.12 0.22 0.11	19.27 0.26 0.00	18.94 0.32 0.09	16.61 0.30 0.08	15.37 0.26 0.05	16.54 0.08 0.00	16.72 0.22 2.53	18.98 0.25 0.19	22.13 0.29 0.00	27.28 0.40 0.00	26.33 0.30 0.00	30.36 0.33 0.00	30.58 0.23 0.00	28.14 0.23 0.00	25.71 0.26 0.00
SITHE___INDEPEND 23800	20.20 -0.16 0.00	20.15 -0.19 0.00	19.28 -0.22 0.00	20.15 -0.26 0.00	18.95 -0.26 0.00	20.02 -0.30 0.00	21.16 -0.35 0.00	18.59 -0.33 0.00	18.75 -0.31 0.00	17.66 -0.34 0.00	18.63 -0.38 0.00	18.35 -0.35 0.00	16.07 -0.32 0.00	14.86 -0.27 0.03	16.04 -0.33 0.09	18.63 -0.38 0.03	18.64 -0.37 -0.09	21.52 -0.42 -0.10	26.47 -0.53 -0.12	25.65 -0.50 -0.12	29.57 -0.58 -0.13	29.85 -0.62 -0.13	27.44 -0.58 -0.11	24.98 -0.47 0.00
SITHE___MASSENA 23902	19.93 -0.43 0.00	19.95 -0.40 0.00	19.32 -0.18 0.00	20.29 -0.12 0.00	19.10 -0.11 0.00	20.06 -0.25 0.00	21.19 -0.32 0.00	18.54 -0.38 0.00	18.57 -0.49 0.00	17.48 -0.53 0.00	18.51 -0.50 0.00	18.16 -0.54 0.00	15.96 -0.43 0.00	13.64 -0.48 1.04	12.58 -0.47 3.41	19.34 -0.47 -0.78	19.89 -0.40 -1.39	22.84 -0.46 -1.47	27.96 -0.56 -1.63	27.07 -0.56 -1.60	31.20 -0.57 -1.74	31.64 -0.46 -1.75	29.04 -0.41 -1.54	25.28 -0.17 0.00
SITHE___OGDNSBRG 24021	19.85 -0.51 0.00	19.88 -0.47 0.00	19.30 -0.20 0.00	20.28 -0.13 0.00	19.08 -0.12 0.00	20.03 -0.29 0.00	21.15 -0.36 0.00	18.47 -0.45 0.00	18.45 -0.61 0.00	17.32 -0.69 0.00	18.34 -0.66 0.00	17.98 -0.73 0.00	15.81 -0.58 0.00	14.19 -0.64 0.33	13.88 -0.64 1.94	21.85 -0.64 -3.46	22.62 -0.51 -4.21	25.72 -0.59 -4.46	31.15 -0.70 -4.97	30.29 -0.64 -4.88	34.75 -0.58 -5.30	35.27 -0.42 -5.34	32.19 -0.40 -4.69	25.30 -0.15 0.00
SITHE___STERLING 23777	20.98 0.62 0.00	20.91 0.56 0.00	20.01 0.51 0.00	20.91 0.50 0.00	19.64 0.43 0.00	20.72 0.40 0.00	21.93 0.42 0.00	19.25 0.34 0.00	19.42 0.35 0.00	18.27 0.26 0.00	19.21 0.20 0.00	18.91 0.20 0.00	16.53 0.14 0.00	15.76 0.18 -0.42	17.88 0.17 -1.25	19.46 0.27 -0.16	19.18 0.27 0.00	22.21 0.37 0.00	27.47 0.59 0.00	26.64 0.60 0.00	30.82 0.79 0.00	31.17 0.82 0.00	28.62 0.71 0.00	26.11 0.66 0.00
SLEIGHT__34_KV_TB1 80719	21.18 0.82 0.00	21.09 0.75 0.00	20.11 0.61 0.00	21.01 0.60 0.00	19.82 0.61 0.00	20.86 0.54 0.00	22.12 0.60 0.00	19.44 0.52 0.00	19.65 0.59 0.00	18.48 0.46 -0.01	19.47 0.47 0.00	19.22 0.51 -0.01	16.80 0.41 0.00	15.55 0.41 0.02	16.78 0.41 0.09	19.76 0.46 -0.27	19.61 0.55 -0.15	22.69 0.70 -0.14	27.87 0.83 -0.16	26.95 0.76 -0.16	31.09 0.89 -0.17	31.36 0.84 -0.18	28.81 0.75 -0.15	26.10 0.65 0.00
SOUTH CAIRO___GT 23612	21.39 1.03 0.00	21.40 1.06 0.00	20.41 0.92 0.00	21.31 0.90 0.00	20.11 0.90 0.00	21.43 1.11 0.00	22.80 1.30 0.00	20.25 1.33 0.00	20.54 1.48 0.00	19.38 1.38 0.00	20.30 1.30 0.00	20.05 1.34 0.00	17.57 1.19 0.00	16.25 1.09 0.00	17.56 1.10 0.00	20.24 1.21 0.00	20.23 1.32 0.00	23.44 1.60 0.00	29.14 2.26 0.00	28.30 2.26 0.00	32.57 2.55 0.00	32.64 2.29 0.00	29.98 2.07 0.00	26.99 1.53 0.00
SOUTH HAMPTN___IC 23720	22.02 1.66 0.00	21.68 1.34 0.00	20.57 1.08 0.00	21.66 1.25 0.00	20.44 1.23 0.00	22.00 1.69 0.00	23.82 2.31 0.00	20.94 2.02 0.00	21.09 2.03 0.00	20.05 2.04 0.00	21.19 2.18 0.00	21.01 2.31 0.00	18.34 1.96 0.00	16.95 1.79 0.00	18.44 1.98 0.00	21.20 2.17 0.00	20.84 1.93 0.00	24.15 2.30 0.00	30.04 3.16 0.00	29.08 3.04 0.00	33.48 3.45 0.00	34.02 3.67 0.00	30.88 2.97 0.00	27.62 2.16 0.00
SOUTHDOW_115KV_TB1 355954	22.19 1.82 0.00	21.92 1.58 0.00	20.98 1.48 0.00	21.76 1.35 0.00	20.71 1.50 0.00	21.81 1.49 0.00	22.92 1.41 0.00	20.05 1.13 0.00	20.19 1.13 0.00	18.90 1.01 0.13	20.11 1.10 0.00	19.79 1.19 0.11	17.14 0.84 0.09	15.84 0.76 0.07	17.09 0.68 0.06	17.01 0.85 2.87	19.81 1.02 0.11	23.19 1.24 -0.11	28.66 1.65 -0.13	27.81 1.65 -0.13	32.05 1.89 -0.13	32.31 1.83 -0.14	29.69 1.66 -0.12	27.04 1.59 0.00
SOUTHOLD_69_KV_BK 2 55809	22.25 1.89 0.00	21.90 1.55 0.00	20.78 1.28 0.00	21.86 1.45 0.00	20.63 1.42 0.00	22.21 1.90 0.00	24.05 2.54 0.00	21.15 2.23 0.00	21.32 2.25 0.00	20.29 2.28 -0.01	21.43 2.43 0.00	21.26 2.56 0.00	18.58 2.19 0.00	17.15 1.99 -0.01	18.66 2.19 -0.01	21.63 2.43 -0.17	21.15 2.20 -0.04	24.51 2.63 -0.03	30.48 3.56 -0.04	29.50 3.43 -0.04	33.97 3.90 -0.04	34.50 4.11 -0.04	31.31 3.37 -0.04	27.93 2.48 0.00
SOUTHOLD___IC 23719	22.25 1.89 0.00	21.89 1.55 0.00	20.78 1.29 0.00	21.86 1.45 0.00	20.64 1.42 0.00	22.21 1.90 0.00	24.05 2.54 0.00	21.15 2.23 0.00	21.31 2.25 0.00	20.29 2.28 0.00	21.43 2.43 0.00	21.26 2.55 0.00	18.57 2.19 0.00	17.15 1.99 0.00	18.65 2.19 0.00	21.45 2.42 0.00	21.10 2.19 0.00	24.47 2.63 0.00	30.44 3.56 0.00	29.47 3.43 0.00	33.93 3.90 0.00	34.47 4.12 0.00	31.27 3.37 0.00	27.93 2.48 0.00



SPIERFLS_115KV_TB 1 80737	21.49 1.13 0.00	21.41 1.06 0.00	20.41 0.91 0.00	21.35 0.94 0.00	20.14 0.94 0.00	21.47 1.15 0.00	22.82 1.31 0.00	20.09 1.18 0.00	20.41 1.35 0.00	19.34 1.33 0.00	20.43 1.42 0.00	20.23 1.53 0.00	17.59 1.20 0.00	16.21 1.04 -0.01	17.40 0.93 -0.01	20.13 0.97 -0.13	19.74 0.79 -0.03	22.82 0.96 -0.03	28.72 1.81 -0.03	27.97 1.91 -0.03	32.30 2.24 -0.03	32.50 2.12 -0.03	29.80 1.87 -0.03	26.78 1.33 0.00
ST LAWRENCE____ 23600	19.79 -0.57 0.00	19.81 -0.54 0.00	19.10 -0.39 0.00	20.07 -0.34 0.00	18.89 -0.32 0.00	19.93 -0.39 0.00	21.05 -0.46 0.00	18.44 -0.48 0.00	18.48 -0.59 0.00	17.42 -0.59 0.00	18.41 -0.60 0.00	18.05 -0.65 0.00	15.84 -0.54 0.00	13.14 -0.59 1.43	11.62 -0.58 4.25	17.88 -0.62 0.54	18.36 -0.55 0.00	21.21 -0.64 0.00	26.12 -0.77 0.00	25.25 -0.79 0.00	29.18 -0.85 0.00	29.59 -0.76 0.00	27.23 -0.67 0.00	25.00 -0.45 0.00
STATE_CA_115KV_115_LB 55624	20.82 0.46 0.00	20.80 0.46 0.00	19.87 0.37 0.00	20.69 0.28 0.00	19.56 0.35 0.00	20.81 0.49 0.00	22.15 0.64 0.00	19.65 0.73 0.00	19.91 0.84 0.00	18.85 0.84 0.00	19.86 0.85 0.00	19.67 0.96 0.00	17.24 0.85 0.00	16.02 0.85 -0.01	17.36 0.89 0.00	20.09 0.93 -0.13	19.78 0.84 -0.04	22.77 0.90 -0.03	28.09 1.18 -0.03	27.25 1.18 -0.03	31.38 1.32 -0.03	31.54 1.16 -0.03	28.87 0.94 -0.03	26.07 0.61 0.00
STATE_ST_34_KV_LOAD 55959	21.02 0.66 0.00	20.96 0.62 0.00	19.95 0.46 0.00	20.90 0.49 0.00	19.69 0.48 0.00	20.70 0.38 0.00	21.97 0.46 0.00	19.30 0.38 0.00	19.51 0.44 0.00	18.46 0.42 -0.03	19.41 0.40 0.00	19.21 0.48 -0.03	16.79 0.38 -0.02	15.53 0.38 0.00	16.76 0.39 0.09	20.34 0.45 -0.85	19.66 0.55 -0.20	22.62 0.62 -0.15	27.85 0.79 -0.17	26.93 0.72 -0.17	31.06 0.85 -0.19	31.41 0.87 -0.19	28.86 0.79 -0.16	26.02 0.57 0.00
STATION 5_MISC_HYD 23604	20.91 0.55 0.00	20.79 0.45 0.00	19.88 0.39 0.00	20.74 0.33 0.00	19.60 0.39 0.00	20.63 0.31 0.00	21.80 0.29 0.00	19.07 0.15 0.00	19.25 0.19 0.00	18.13 0.12 0.00	19.17 0.16 0.00	18.88 0.17 0.00	16.54 0.15 0.00	15.33 0.17 0.00	16.54 0.08 0.00	19.12 0.09 0.00	19.01 0.11 0.00	21.93 0.09 0.00	27.02 0.14 0.00	26.10 0.06 0.00	30.12 0.09 0.00	30.36 0.00 0.00	27.92 0.01 0.00	25.48 0.03 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.07 0.71 0.00	20.96 0.62 0.00	20.03 0.53 0.00	20.91 0.50 0.00	19.71 0.50 0.00	20.77 0.46 0.00	21.96 0.45 0.00	19.25 0.34 0.00	19.44 0.37 0.00	18.30 0.28 -0.01	19.32 0.31 0.00	19.04 0.33 -0.01	16.66 0.27 -0.01	15.44 0.30 0.01	16.60 0.22 0.09	19.62 0.26 -0.32	19.37 0.32 -0.14	22.34 0.37 -0.13	27.51 0.48 -0.14	26.62 0.44 -0.14	30.70 0.52 -0.16	30.93 0.43 -0.16	28.41 0.37 -0.14	25.81 0.36 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.89 0.53 0.00	20.77 0.42 0.00	19.86 0.37 0.00	20.74 0.33 0.00	19.58 0.38 0.00	20.61 0.30 0.00	21.77 0.26 0.00	19.06 0.14 0.00	19.24 0.17 0.00	18.10 0.10 0.02	19.15 0.14 0.00	18.85 0.16 0.02	16.53 0.15 0.02	15.30 0.17 0.03	16.46 0.08 0.08	18.69 0.06 0.41	19.07 0.08 -0.08	22.03 0.07 -0.12	27.15 0.13 -0.13	26.25 0.08 -0.13	30.26 0.09 -0.14	30.49 0.00 -0.14	28.04 0.01 -0.13	25.48 0.03 0.00
STA_56____34_KV_BUS2 355983	20.89 0.53 0.00	20.77 0.42 0.00	19.86 0.37 0.00	20.74 0.33 0.00	19.58 0.38 0.00	20.61 0.30 0.00	21.77 0.26 0.00	19.06 0.14 0.00	19.24 0.17 0.00	18.10 0.10 0.02	19.15 0.14 0.00	18.85 0.16 0.02	16.53 0.15 0.02	15.30 0.17 0.03	16.46 0.08 0.08	18.69 0.06 0.41	19.07 0.08 -0.08	22.03 0.07 -0.12	27.15 0.13 -0.13	26.25 0.08 -0.13	30.26 0.09 -0.14	30.49 0.00 -0.14	28.04 0.01 -0.13	25.48 0.03 0.00
STA_67____115KV_BK2 355882	20.87 0.50 0.00	20.74 0.40 0.00	19.84 0.34 0.00	20.71 0.29 0.00	19.56 0.35 0.00	20.58 0.26 0.00	21.74 0.23 0.00	19.03 0.11 0.00	19.20 0.14 0.00	18.06 0.07 0.02	19.12 0.11 0.00	18.80 0.12 0.02	16.48 0.11 0.02	15.26 0.13 0.03	16.41 0.03 0.08	18.48 0.00 0.55	19.00 0.02 -0.07	21.96 0.00 -0.12	27.06 0.05 -0.13	26.16 -0.01 -0.13	30.16 -0.01 -0.14	30.40 -0.09 -0.14	27.96 -0.07 -0.13	25.41 -0.04 0.00
STA_7____115KV_9TRANS 80674	21.02 0.66 0.00	20.89 0.55 0.00	19.98 0.48 0.00	20.85 0.44 0.00	19.70 0.48 0.00	20.73 0.42 0.00	21.91 0.40 0.00	19.17 0.25 0.00	19.36 0.29 0.00	18.22 0.24 0.02	19.29 0.28 0.00	18.98 0.29 0.02	16.63 0.27 0.02	15.40 0.27 0.03	16.56 0.18 0.08	18.68 0.18 0.53	19.18 0.21 -0.07	22.18 0.22 -0.12	27.33 0.31 -0.13	26.42 0.25 -0.13	30.46 0.29 -0.14	30.69 0.21 -0.14	28.22 0.18 -0.13	25.62 0.17 0.00
STA_82____115KV_TB1 80780	20.88 0.52 0.00	20.75 0.41 0.00	19.85 0.36 0.00	20.72 0.31 0.00	19.57 0.36 0.00	20.60 0.28 0.00	21.76 0.25 0.00	19.05 0.13 0.00	19.22 0.16 0.00	18.09 0.09 0.02	19.14 0.13 0.00	18.82 0.13 0.02	16.50 0.12 0.02	15.27 0.14 0.03	16.42 0.04 0.08	18.61 0.01 0.43	19.03 0.04 -0.08	21.98 0.02 -0.12	27.09 0.07 -0.13	26.19 0.02 -0.13	30.19 0.02 -0.14	30.43 -0.06 -0.14	27.99 -0.04 -0.13	25.43 -0.02 0.00
STEEL____WIND 323596	21.07 0.71 0.00	20.91 0.57 0.00	19.98 0.48 0.00	20.82 0.41 0.00	19.67 0.46 0.00	20.67 0.36 0.00	21.79 0.28 0.00	19.00 0.08 0.00	19.14 0.08 0.00	17.70 -0.06 0.25	19.06 0.05 0.00	18.54 0.05 0.21	16.21 -0.01 0.17	15.08 0.04 0.12	16.37 -0.10 0.00	13.19 -0.10 5.75	18.37 -0.12 0.42	21.66 -0.18 0.00	26.73 -0.15 0.00	25.82 -0.21 0.00	29.78 -0.24 0.00	30.02 -0.33 0.00	27.68 -0.23 0.00	25.37 -0.08 0.00
STEPHTWN_115KV_BK_2 55603	20.97 0.61 0.00	20.94 0.60 0.00	20.01 0.51 0.00	20.85 0.44 0.00	19.75 0.54 0.00	20.98 0.67 0.00	22.38 0.87 0.00	19.79 0.87 0.00	20.06 1.00 0.00	18.99 0.97 0.00	20.10 1.09 0.00	19.86 1.15 0.00	17.37 0.98 0.00	16.18 1.01 -0.01	17.54 1.07 0.00	20.33 1.17 -0.13	19.99 1.05 -0.04	22.98 1.11 -0.03	28.38 1.46 -0.03	27.50 1.44 -0.03	31.72 1.66 -0.03	31.82 1.44 -0.03	29.15 1.22 -0.03	26.37 0.92 0.00
STEBEN_REC_LFGE 323667	21.54 1.18 0.00	21.44 1.10 0.00	20.39 0.90 0.00	21.07 0.66 0.00	19.45 0.25 0.00	20.70 0.39 0.00	22.02 0.51 0.00	18.98 0.06 0.00	18.96 -0.10 0.00	18.43 -0.12 -0.54	18.71 -0.30 0.00	18.80 -0.36 -0.46	16.39 -0.37 -0.37	15.18 -0.23 -0.25	16.13 -0.29 0.05	31.35 -0.19 -12.52	20.19 0.26 -1.02	22.60 0.65 -0.11	27.76 0.75 -0.13	26.84 0.67 -0.13	31.21 1.05 -0.13	31.44 0.96 -0.14	29.02 1.00 -0.12	26.35 0.90 0.00
STONY____BROOK 24151	21.97 1.61 0.00	21.64 1.30 0.00	20.54 1.04 0.00	21.54 1.12 0.00	20.33 1.12 0.00	21.80 1.49 0.00	23.60 2.09 0.00	20.73 1.81 0.00	20.95 1.89 0.00	20.03 2.02 0.00	21.17 2.17 0.00	21.00 2.29 0.00	18.32 1.93 0.00	16.94 1.78 0.00	18.43 1.97 0.00	21.17 2.14 0.00	20.78 1.87 0.00	24.06 2.22 0.00	29.77 2.88 0.00	28.84 2.80 0.00	33.20 3.17 0.00	33.68 3.34 0.00	30.67 2.77 0.00	27.56 2.11 0.00



STURGEON_POOL_HYD 23609	21.84 1.48 0.00	21.69 1.35 0.00	20.63 1.13 0.00	21.48 1.07 0.00	20.22 1.01 0.00	21.51 1.19 0.00	22.95 1.45 0.00	20.35 1.43 0.00	20.63 1.57 0.00	19.68 1.67 -0.01	20.86 1.85 0.00	20.63 1.92 0.00	17.99 1.60 0.00	16.74 1.57 -0.01	18.18 1.72 -0.01	21.13 1.94 -0.16	20.68 1.73 -0.04	23.81 1.93 -0.03	29.11 2.19 -0.04	28.27 2.19 -0.04	32.52 2.45 -0.04	32.83 2.45 -0.04	30.16 2.22 -0.04	27.34 1.89 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.79 1.43 0.00	21.66 1.32 0.00	20.63 1.13 0.00	21.46 1.05 0.00	20.25 1.04 0.00	21.53 1.21 0.00	22.96 1.45 0.00	20.35 1.43 0.00	20.63 1.57 0.00	19.65 1.64 -0.01	20.78 1.78 0.00	20.56 1.85 0.00	17.95 1.56 0.00	16.70 1.53 -0.01	18.12 1.65 -0.01	21.05 1.84 -0.17	20.61 1.66 -0.04	23.74 1.86 -0.03	29.11 2.19 -0.04	28.25 2.18 -0.04	32.50 2.43 -0.04	32.79 2.40 -0.04	30.07 2.14 -0.04	27.21 1.76 0.00
SWANROAD_115KV_TB1 355699	20.29 -0.07 0.00	20.12 -0.22 0.00	19.26 -0.24 0.00	20.07 -0.34 0.00	18.99 -0.23 0.00	19.94 -0.38 0.00	20.92 -0.59 0.00	18.24 -0.68 0.00	18.38 -0.68 0.00	17.04 -0.78 0.19	18.28 -0.73 0.00	17.89 -0.65 0.16	15.70 -0.56 0.13	14.56 -0.49 0.11	15.66 -0.74 0.07	13.96 -0.74 4.33	17.81 -0.89 0.22	20.82 -1.13 -0.11	25.72 -1.30 -0.13	24.82 -1.34 -0.13	28.55 -1.61 -0.14	28.80 -1.69 -0.14	26.58 -1.45 -0.12	24.27 -1.19 0.00
SYNERGY___BIOGAS 323694	21.26 0.90 0.00	21.10 0.75 0.00	20.17 0.67 0.00	21.01 0.59 0.00	19.87 0.65 0.00	20.93 0.61 0.00	22.06 0.55 0.00	19.27 0.35 0.00	19.45 0.39 0.00	18.12 0.22 0.11	19.27 0.26 0.00	18.94 0.32 0.09	16.61 0.30 0.08	15.37 0.26 0.05	16.54 0.08 0.00	16.72 0.22 2.53	18.98 0.25 0.19	22.13 0.29 0.00	27.28 0.40 0.00	26.33 0.30 0.00	30.36 0.33 0.00	30.58 0.23 0.00	28.14 0.23 0.00	25.71 0.26 0.00
SYRACUSE___ENERGY_ST1 323597	20.66 0.30 0.00	20.60 0.26 0.00	19.68 0.18 0.00	20.58 0.16 0.00	19.37 0.16 0.00	20.43 0.11 0.00	21.61 0.10 0.00	18.99 0.07 0.00	19.16 0.10 0.00	18.06 0.05 0.00	19.04 0.03 0.00	18.77 0.07 0.00	16.42 0.03 0.00	15.22 0.07 0.00	16.50 0.04 0.00	19.09 0.06 0.00	18.99 0.08 0.00	21.95 0.11 0.00	27.01 0.13 0.00	26.17 0.13 0.00	30.20 0.17 0.00	30.47 0.12 0.00	28.00 0.09 0.00	25.54 0.08 0.00
SYRACUSE___ENERGY_ST2 323598	20.66 0.30 0.00	20.60 0.26 0.00	19.68 0.18 0.00	20.58 0.16 0.00	19.37 0.16 0.00	20.43 0.11 0.00	21.61 0.10 0.00	18.99 0.07 0.00	19.16 0.10 0.00	18.06 0.05 0.00	19.04 0.03 0.00	18.77 0.07 0.00	16.42 0.03 0.00	15.22 0.07 0.00	16.50 0.04 0.00	19.09 0.06 0.00	18.99 0.08 0.00	21.95 0.11 0.00	27.01 0.13 0.00	26.17 0.13 0.00	30.20 0.17 0.00	30.47 0.12 0.00	28.00 0.09 0.00	25.54 0.08 0.00
SYRACUSE___POWER 24017	20.70 0.34 0.00	20.63 0.28 0.00	19.72 0.22 0.00	20.61 0.20 0.00	19.40 0.20 0.00	20.47 0.14 0.00	21.64 0.13 0.00	19.01 0.09 0.00	19.19 0.13 0.00	18.10 0.08 -0.01	19.06 0.06 0.00	18.80 0.09 -0.01	16.44 0.05 0.00	15.25 0.08 -0.01	16.50 0.06 0.02	19.42 0.08 -0.32	19.19 0.09 -0.19	22.16 0.13 -0.19	27.27 0.18 -0.21	26.44 0.19 -0.21	30.49 0.24 -0.23	30.75 0.18 -0.23	28.23 0.13 -0.20	25.58 0.13 0.00
TALLMAN__138KV_BK151 55660	21.87 1.51 0.00	21.73 1.39 0.00	20.68 1.19 0.00	21.51 1.10 0.00	20.29 1.09 0.00	21.60 1.28 0.00	23.03 1.52 0.00	20.42 1.51 0.00	20.70 1.64 0.00	19.75 1.73 -0.01	20.89 1.89 0.00	20.68 1.97 0.00	18.08 1.68 0.00	16.82 1.66 -0.01	18.25 1.78 -0.01	21.18 1.98 -0.17	20.74 1.78 -0.04	23.90 2.02 -0.03	29.26 2.34 -0.04	28.40 2.32 -0.04	32.64 2.58 -0.04	32.94 2.55 -0.04	30.20 2.26 -0.04	27.31 1.85 0.00
TEALLAVE_115KV_TB7 355573	20.60 0.24 0.00	20.54 0.20 0.00	19.64 0.14 0.00	20.53 0.11 0.00	19.33 0.12 0.00	20.37 0.05 0.00	21.54 0.03 0.00	18.92 0.00 0.00	19.09 0.03 0.00	18.00 -0.02 0.00	18.97 -0.03 0.00	18.70 0.00 0.00	16.37 -0.02 0.00	15.20 0.01 -0.03	16.47 -0.02 -0.04	19.24 -0.02 -0.23	19.10 -0.01 -0.20	22.05 0.00 -0.21	27.13 0.01 -0.24	26.30 0.03 -0.23	30.33 0.05 -0.25	30.59 -0.01 -0.25	28.09 -0.04 -0.22	25.44 0.00 0.00
TELGRAPH_34_KV_EAST 80808	20.78 0.42 0.00	20.61 0.26 0.00	19.72 0.22 0.00	20.55 0.14 0.00	19.43 0.22 0.00	20.42 0.10 0.00	21.48 -0.03 0.00	18.75 -0.17 0.00	18.91 -0.15 0.00	17.57 -0.29 0.15	18.79 -0.22 0.00	18.41 -0.16 0.13	16.15 -0.13 0.11	14.97 -0.10 0.09	16.09 -0.30 0.07	15.22 -0.28 3.52	18.41 -0.34 0.15	21.49 -0.47 -0.12	26.52 -0.49 -0.13	25.61 -0.55 -0.13	29.48 -0.68 -0.14	29.71 -0.77 -0.14	27.39 -0.64 -0.12	24.99 -0.46 0.00
TEMPLE___115KV_TB 2 55572	20.62 0.26 0.00	20.55 0.21 0.00	19.65 0.16 0.00	20.54 0.12 0.00	19.34 0.13 0.00	20.39 0.07 0.00	21.55 0.04 0.00	18.93 0.02 0.00	19.11 0.05 0.00	18.02 0.01 0.00	19.00 -0.01 0.00	18.73 0.02 0.00	16.38 -0.01 0.00	15.21 0.03 -0.02	16.48 0.00 -0.02	19.26 0.00 -0.23	19.12 0.01 -0.20	22.07 0.02 -0.21	27.16 0.04 -0.23	26.32 0.06 -0.23	30.35 0.07 -0.25	30.61 0.02 -0.25	28.11 -0.01 -0.22	25.46 0.01 0.00
TIANA____69_KV_BK 1 55817	21.94 1.58 0.00	21.60 1.26 0.00	20.50 1.00 0.00	21.58 1.16 0.00	20.36 1.16 0.00	21.92 1.60 0.00	23.74 2.23 0.00	20.86 1.94 0.00	21.01 1.95 0.00	19.97 1.95 -0.01	21.10 2.10 0.00	20.93 2.22 0.00	18.27 1.88 0.00	16.89 1.72 -0.01	18.37 1.91 -0.01	21.29 2.09 -0.17	20.80 1.85 -0.04	24.08 2.20 -0.03	29.95 3.03 -0.04	28.97 2.90 -0.04	33.37 3.30 -0.04	33.91 3.53 -0.04	30.79 2.85 -0.04	27.52 2.06 0.00
TILDEN___115KV_TB1 80814	20.70 0.34 0.00	20.63 0.28 0.00	19.72 0.22 0.00	20.61 0.20 0.00	19.40 0.20 0.00	20.47 0.14 0.00	21.64 0.13 0.00	19.01 0.09 0.00	19.19 0.13 0.00	18.10 0.08 -0.01	19.06 0.06 0.00	18.80 0.09 -0.01	16.44 0.05 0.00	15.25 0.08 -0.01	16.50 0.06 0.02	19.42 0.08 -0.32	19.19 0.09 -0.19	22.16 0.13 -0.19	27.27 0.18 -0.21	26.44 0.19 -0.21	30.49 0.24 -0.23	30.75 0.18 -0.23	28.23 0.13 -0.20	25.58 0.13 0.00
TRIGEN___CC 323695	22.00 1.64 0.00	21.75 1.41 0.00	20.65 1.16 0.00	21.57 1.16 0.00	20.35 1.14 0.00	21.75 1.43 0.00	23.48 1.97 0.00	20.62 1.70 0.00	20.89 1.82 0.00	19.98 1.96 -0.01	21.19 2.19 0.00	21.01 2.30 0.00	18.31 1.92 0.00	16.99 1.83 -0.01	18.46 1.99 -0.01	21.37 2.17 -0.17	20.85 1.90 -0.04	24.07 2.20 -0.03	29.60 2.68 -0.04	28.69 2.62 -0.04	33.02 2.96 -0.04	33.41 3.02 -0.04	30.49 2.55 -0.04	27.51 2.06 0.00
TRINITY__115KV__ 4 BK 55933	20.77 0.41 0.00	20.76 0.42 0.00	19.82 0.33 0.00	20.65 0.24 0.00	19.52 0.31 0.00	20.78 0.46 0.00	22.11 0.60 0.00	19.62 0.70 0.00	19.87 0.81 0.00	18.82 0.81 0.00	19.83 0.82 0.00	19.64 0.93 0.00	17.21 0.82 -0.01	16.00 0.83 0.00	17.34 0.86 0.00	20.06 0.89 -0.13	19.73 0.79 -0.04	22.71 0.84 -0.03	28.04 1.13 -0.03	27.19 1.12 -0.03	31.31 1.25 -0.03	31.48 1.10 -0.03	28.81 0.88 -0.03	26.00 0.55 0.00



UNION___PROCESSING_DRP 323587	20.89 0.53 0.00	20.76 0.42 0.00	19.86 0.36 0.00	20.73 0.32 0.00	19.58 0.37 0.00	20.60 0.28 0.00	21.77 0.26 0.00	19.06 0.14 0.00	19.23 0.17 0.00	18.10 0.10 0.02	19.14 0.14 0.00	18.83 0.14 0.02	16.50 0.13 0.02	15.27 0.14 0.03	16.43 0.05 0.08	18.58 0.02 0.47	19.03 0.05 -0.07	21.99 0.03 -0.12	27.11 0.09 -0.13	26.20 0.02 -0.13	30.20 0.03 -0.14	30.45 -0.05 -0.14	28.00 -0.03 -0.13	25.44 -0.01 0.00
UPPER HUDSON___HYD 24058	21.49 1.13 0.00	21.40 1.06 0.00	20.41 0.91 0.00	21.35 0.94 0.00	20.14 0.94 0.00	21.47 1.15 0.00	22.83 1.31 0.00	20.10 1.18 0.00	20.42 1.35 0.00	19.34 1.33 0.00	20.43 1.42 0.00	20.23 1.52 0.00	17.59 1.20 0.00	16.20 1.04 0.00	17.39 0.93 0.00	20.00 0.97 0.00	19.70 0.79 0.00	22.80 0.95 0.00	28.69 1.81 0.00	27.94 1.91 0.00	32.26 2.24 0.00	32.47 2.12 0.00	29.78 1.87 0.00	26.78 1.33 0.00
UPPER RAQUET___HYD 24056	19.27 -1.09 0.00	19.27 -1.08 0.00	18.70 -0.80 0.00	19.68 -0.73 0.00	18.51 -0.70 0.00	19.40 -0.91 0.00	20.48 -1.03 0.00	17.86 -1.06 0.00	17.84 -1.22 0.00	16.76 -1.25 0.00	17.73 -1.28 0.00	17.39 -1.32 0.00	15.27 -1.12 0.00	14.15 -1.14 -0.13	14.24 -1.21 1.01	22.89 -1.30 -5.16	23.73 -1.19 -6.01	26.86 -1.35 -6.37	32.39 -1.58 -7.09	31.48 -1.52 -6.97	36.05 -1.55 -7.57	36.63 -1.34 -7.62	33.35 -1.24 -6.69	24.60 -0.85 0.00
VALLEY44_115KV_TB2 355964	21.79 1.43 0.00	21.66 1.32 0.00	20.69 1.20 0.00	21.57 1.15 0.00	20.33 1.12 0.00	21.43 1.11 0.00	22.64 1.13 0.00	19.83 0.91 0.00	20.05 0.99 0.00	18.79 0.88 0.10	20.01 1.01 0.00	19.59 0.97 0.09	17.04 0.73 0.07	15.87 0.77 0.06	17.12 0.71 0.06	17.61 0.83 2.24	19.57 0.73 0.06	22.78 0.82 -0.11	28.06 1.05 -0.12	27.18 1.02 -0.12	31.39 1.23 -0.13	31.72 1.23 -0.13	29.28 1.25 -0.12	26.70 1.25 0.00
VALLEY___115KV_TB 1-4 80826	20.16 -0.20 0.00	20.04 -0.30 0.00	19.06 -0.43 0.00	19.92 -0.49 0.00	18.79 -0.42 0.00	19.95 -0.37 0.00	21.22 -0.30 0.00	18.75 -0.17 0.00	18.99 -0.08 0.00	17.91 -0.10 0.00	18.86 -0.15 0.00	18.51 -0.20 0.00	16.25 -0.14 0.00	15.37 -0.08 -0.29	17.15 -0.14 -0.83	19.10 -0.20 -0.27	18.89 -0.19 -0.17	21.77 -0.25 -0.18	26.85 -0.23 -0.20	26.10 -0.13 -0.20	30.34 0.10 -0.21	30.84 0.28 -0.21	28.31 0.22 -0.18	25.47 0.02 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.82 1.46 0.00	21.76 1.41 0.00	20.73 1.24 0.00	21.70 1.29 0.00	20.40 1.19 0.00	21.61 1.30 0.00	22.96 1.45 0.00	20.27 1.36 0.00	20.54 1.48 0.00	19.58 1.55 -0.02	20.62 1.61 0.00	20.35 1.63 -0.01	17.74 1.35 -0.01	16.45 1.28 -0.01	17.81 1.36 0.00	21.01 1.58 -0.40	20.60 1.61 -0.08	23.81 1.91 -0.06	29.24 2.29 -0.07	28.35 2.25 -0.07	32.69 2.59 -0.07	32.96 2.54 -0.07	30.18 2.22 -0.06	27.30 1.85 0.00
VISCHER___FERRY HYD 24020	21.09 0.73 0.00	21.05 0.71 0.00	20.07 0.58 0.00	20.96 0.55 0.00	19.80 0.59 0.00	21.11 0.79 0.00	22.47 0.96 0.00	19.91 0.99 0.00	20.16 1.09 0.00	19.06 1.05 0.00	20.15 1.14 0.00	19.93 1.23 0.00	17.43 1.05 0.00	16.20 1.04 0.00	17.54 1.08 0.00	20.17 1.15 0.00	19.92 1.01 0.00	22.94 1.10 0.00	28.40 1.52 0.00	27.55 1.51 0.00	31.76 1.73 0.00	31.94 1.59 0.00	29.23 1.33 0.00	26.37 0.92 0.00
V_A_10_SYNC_DSASP 323832	20.54 0.18 0.00	20.40 0.06 0.00	19.53 0.03 0.00	20.37 -0.04 0.00	19.25 0.04 0.00	20.24 -0.07 0.00	21.31 -0.20 0.00	18.62 -0.30 0.00	18.78 -0.28 0.00	17.52 -0.37 0.12	18.71 -0.30 0.00	18.32 -0.28 0.10	16.05 -0.25 0.08	14.89 -0.20 0.08	16.03 -0.36 0.07	15.80 -0.48 2.76	18.32 -0.49 0.10	21.33 -0.63 -0.12	26.30 -0.71 -0.13	25.42 -0.74 -0.13	29.30 -0.87 -0.14	29.53 -0.95 -0.14	27.21 -0.82 -0.12	24.80 -0.65 0.00
V_CMM_10_SYNC_DSASP 323787	19.88 -0.48 0.00	19.90 -0.44 0.00	19.19 -0.30 0.00	20.16 -0.25 0.00	18.98 -0.23 0.00	20.02 -0.29 0.00	21.15 -0.36 0.00	18.52 -0.40 0.00	18.57 -0.50 0.00	17.50 -0.51 0.00	18.50 -0.51 0.00	18.14 -0.57 0.00	15.92 -0.47 0.00	13.21 -0.52 1.43	11.70 -0.51 4.25	17.97 -0.52 0.54	18.45 -0.46 0.00	21.31 -0.53 0.00	26.23 -0.65 0.00	25.37 -0.67 0.00	29.31 -0.72 0.00	29.72 -0.63 0.00	27.34 -0.56 0.00	25.11 -0.34 0.00
V_CMP_10_SYNC_DSASP 323788	20.07 -0.29 0.00	19.72 -0.62 0.00	18.81 -0.69 0.00	20.08 -0.33 0.00	18.87 -0.34 0.00	20.26 -0.05 0.00	21.56 0.05 0.00	18.84 -0.08 0.00	18.89 -0.17 0.00	17.77 -0.25 0.00	18.56 -0.45 0.00	18.10 -0.61 0.00	15.72 -0.67 0.00	-1.29 -1.02 15.44	-21.19 -1.04 36.62	-21.45 -1.15 39.34	-21.69 -1.10 39.49	-21.30 -1.31 41.83	-21.22 -1.56 46.54	-21.21 -1.49 45.76	-21.35 -1.68 49.70	-21.26 -1.57 50.04	-17.51 -1.49 43.92	25.16 -0.29 0.00
V_E_10_SYNC_DSASP 323830	22.00 1.64 0.00	21.76 1.42 0.00	20.92 1.42 0.00	21.99 1.58 0.00	20.59 1.38 0.00	21.64 1.32 0.00	22.97 1.45 0.00	20.24 1.32 0.00	20.37 1.30 0.00	19.22 1.18 -0.04	19.92 0.92 0.00	19.55 0.81 -0.04	16.99 0.57 -0.03	15.71 0.53 -0.02	17.00 0.54 0.00	20.75 0.78 -0.95	20.04 1.06 -0.07	23.24 1.39 0.00	29.17 2.29 0.00	28.51 2.48 0.00	32.99 2.96 0.00	33.21 2.86 0.00	30.43 2.53 0.00	27.64 2.18 0.00
V_F_30_NSYNC___DSASP 323816	21.42 1.05 0.00	21.35 1.01 0.00	20.35 0.86 0.00	21.28 0.87 0.00	20.08 0.87 0.00	21.38 1.07 0.00	22.75 1.24 0.00	20.09 1.17 0.00	20.35 1.28 0.00	19.26 1.25 0.00	20.35 1.34 0.00	20.12 1.42 0.00	17.57 1.18 0.00	16.27 1.11 0.00	17.60 1.14 0.00	20.27 1.25 0.00	20.05 1.14 0.00	23.14 1.30 0.00	28.71 1.83 0.00	27.89 1.86 0.00	32.17 2.14 0.00	32.38 2.03 0.00	29.66 1.76 0.00	26.76 1.31 0.00
V_F_30_SYNC_DSASP 323786	20.82 0.46 0.00	20.80 0.46 0.00	19.87 0.37 0.00	20.69 0.28 0.00	19.56 0.35 0.00	20.81 0.49 0.00	22.14 0.63 0.00	19.65 0.73 0.00	19.90 0.84 0.00	18.85 0.84 0.00	19.86 0.85 0.00	19.67 0.96 0.00	17.23 0.84 0.00	16.02 0.85 -0.01	17.36 0.89 0.00	20.09 0.93 -0.13	19.78 0.83 -0.04	22.77 0.90 -0.03	28.09 1.18 -0.03	27.25 1.18 -0.03	31.38 1.32 -0.03	31.54 1.16 -0.03	28.87 0.94 -0.03	26.07 0.61 0.00
V_XM_10_SYNC_DSASP 323789	20.07 -0.29 0.00	19.72 -0.62 0.00	18.81 -0.69 0.00	20.08 -0.33 0.00	18.87 -0.34 0.00	20.26 -0.05 0.00	21.56 0.05 0.00	18.84 -0.08 0.00	18.89 -0.17 0.00	17.77 -0.25 0.00	18.56 -0.45 0.00	18.10 -0.61 0.00	15.72 -0.67 0.00	-1.29 -1.02 15.44	-21.19 -1.04 36.62	-21.45 -1.15 39.34	-21.69 -1.10 39.49	-21.30 -1.31 41.83	-21.22 -1.56 46.54	-21.21 -1.49 45.76	-21.35 -1.68 49.70	-21.26 -1.57 50.04	-17.51 -1.49 43.92	25.16 -0.29 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.94 1.58 0.00	21.79 1.45 0.00	20.74 1.25 0.00	21.58 1.17 0.00	20.36 1.15 0.00	21.66 1.34 0.00	23.11 1.60 0.00	20.49 1.57 0.00	20.77 1.71 0.00	19.82 1.80 -0.01	20.96 1.96 0.00	20.76 2.05 0.00	18.13 1.74 0.00	16.87 1.71 -0.01	18.30 1.84 -0.01	21.25 2.05 -0.17	20.80 1.85 -0.04	23.97 2.09 -0.03	29.35 2.43 -0.04	28.49 2.41 -0.04	32.75 2.69 -0.04	33.05 2.67 -0.04	30.30 2.36 -0.04	27.40 1.95 0.00



W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.03 1.67 0.00	21.88 1.53 0.00	20.81 1.32 0.00	21.63 1.21 0.00	20.41 1.20 0.00	21.73 1.41 0.00	23.18 1.67 0.00	20.58 1.66 0.00	20.87 1.80 0.00	19.96 1.94 -0.01	21.09 2.09 0.00	20.89 2.18 0.00	18.27 1.88 0.00	17.01 1.84 -0.01	18.44 1.98 -0.01	21.39 2.19 -0.17	20.92 1.97 -0.04	24.08 2.20 -0.03	29.44 2.52 -0.04	28.57 2.49 -0.04	32.82 2.75 -0.04	33.19 2.81 -0.04	30.42 2.48 -0.04	27.52 2.07 0.00
W50THST__13_KV_LOAD 356117	22.15 1.79 0.00	22.00 1.66 0.00	20.93 1.44 0.00	21.74 1.33 0.00	20.52 1.31 0.00	21.84 1.52 0.00	23.31 1.80 0.00	20.69 1.77 0.00	20.99 1.93 0.00	20.08 2.06 -0.01	21.22 2.21 0.00	21.02 2.31 0.00	18.39 2.00 0.00	17.12 1.95 -0.01	18.56 2.10 -0.01	21.52 2.32 -0.17	21.04 2.09 -0.04	24.21 2.34 -0.03	29.60 2.68 -0.04	28.73 2.65 -0.04	32.99 2.93 -0.04	33.39 3.00 -0.04	30.60 2.66 -0.04	27.69 2.24 0.00
WADING RIVER_IC_1 23522	21.61 1.25 0.00	21.28 0.94 0.00	20.19 0.70 0.00	21.29 0.87 0.00	20.09 0.88 0.00	21.66 1.35 0.00	23.45 1.94 0.00	20.59 1.67 0.00	20.71 1.65 0.00	19.62 1.61 0.00	20.73 1.73 0.00	20.56 1.86 0.00	17.95 1.57 0.00	16.59 1.43 0.00	18.05 1.59 0.00	20.74 1.71 0.00	20.37 1.46 0.00	23.59 1.75 0.00	29.43 2.55 0.00	28.43 2.39 0.00	32.74 2.72 0.00	33.33 2.98 0.00	30.22 2.32 0.00	27.07 1.62 0.00
WADING RIVER_IC_2 23547	21.61 1.25 0.00	21.28 0.94 0.00	20.19 0.70 0.00	21.29 0.87 0.00	20.09 0.88 0.00	21.66 1.35 0.00	23.45 1.94 0.00	20.59 1.67 0.00	20.71 1.65 0.00	19.62 1.61 0.00	20.73 1.73 0.00	20.56 1.86 0.00	17.95 1.57 0.00	16.59 1.43 0.00	18.05 1.59 0.00	20.74 1.71 0.00	20.37 1.46 0.00	23.59 1.75 0.00	29.43 2.55 0.00	28.43 2.39 0.00	32.74 2.72 0.00	33.33 2.98 0.00	30.22 2.32 0.00	27.07 1.62 0.00
WADING RIVER_IC_3 23601	21.61 1.25 0.00	21.28 0.94 0.00	20.19 0.70 0.00	21.29 0.87 0.00	20.09 0.88 0.00	21.66 1.35 0.00	23.45 1.94 0.00	20.59 1.67 0.00	20.71 1.65 0.00	19.62 1.61 0.00	20.73 1.73 0.00	20.56 1.86 0.00	17.95 1.57 0.00	16.59 1.43 0.00	18.05 1.59 0.00	20.74 1.71 0.00	20.37 1.46 0.00	23.59 1.75 0.00	29.43 2.55 0.00	28.43 2.39 0.00	32.74 2.72 0.00	33.33 2.98 0.00	30.22 2.32 0.00	27.07 1.62 0.00
WALDENNY_12_KV_BK2 80841	21.02 0.66 0.00	20.85 0.51 0.00	19.93 0.44 0.00	20.78 0.37 0.00	19.63 0.42 0.00	20.63 0.31 0.00	21.72 0.21 0.00	18.96 0.04 0.00	19.11 0.04 0.00	17.69 -0.08 0.24	19.02 0.02 0.00	18.53 0.03 0.21	16.21 -0.01 0.17	15.06 0.03 0.13	16.28 -0.12 0.07	13.38 -0.14 5.51	18.44 -0.17 0.30	21.72 -0.24 -0.11	26.81 -0.20 -0.13	25.91 -0.25 -0.13	29.85 -0.31 -0.14	30.09 -0.39 -0.14	27.74 -0.29 -0.12	25.31 -0.14 0.00
WALDEN__HYDRO 24148	21.96 1.60 0.00	21.81 1.47 0.00	20.77 1.27 0.00	21.60 1.19 0.00	20.38 1.17 0.00	21.67 1.36 0.00	23.12 1.61 0.00	20.51 1.59 0.00	20.80 1.74 0.00	19.83 1.83 0.00	20.98 1.98 0.00	20.73 2.03 0.00	18.08 1.70 0.00	16.82 1.66 0.00	18.22 1.76 0.00	21.07 2.04 0.00	20.77 1.86 0.00	23.92 2.08 0.00	29.34 2.46 0.00	28.52 2.48 0.00	32.82 2.79 0.00	33.10 2.76 0.00	30.32 2.42 0.00	27.44 1.99 0.00
WARRENSBURG____ 23737	21.49 1.13 0.00	21.40 1.06 0.00	20.41 0.91 0.00	21.35 0.94 0.00	20.14 0.94 0.00	21.47 1.15 0.00	22.83 1.31 0.00	20.10 1.18 0.00	20.42 1.35 0.00	19.34 1.33 0.00	20.43 1.42 0.00	20.23 1.52 0.00	17.59 1.20 0.00	16.20 1.04 0.00	17.39 0.93 0.00	20.00 0.97 0.00	19.70 0.79 0.00	22.80 0.95 0.00	28.69 1.81 0.00	27.94 1.91 0.00	32.26 2.24 0.00	32.47 2.12 0.00	29.78 1.87 0.00	26.78 1.33 0.00
WATERSIDE____6 8 9 23538	22.05 1.69 0.00	21.90 1.56 0.00	20.83 1.34 0.00	21.64 1.23 0.00	20.43 1.22 0.00	21.74 1.42 0.00	23.20 1.68 0.00	20.60 1.68 0.00	20.88 1.82 0.00	19.98 1.96 -0.01	21.12 2.11 0.00	20.92 2.21 0.00	18.30 1.90 0.00	17.03 1.86 -0.01	18.46 1.99 -0.01	21.39 2.19 -0.17	20.93 1.98 -0.04	24.09 2.21 -0.03	29.44 2.52 -0.04	28.57 2.49 -0.04	32.81 2.75 -0.04	33.21 2.82 -0.04	30.45 2.51 -0.04	27.54 2.09 0.00
WATKINRD_115KV_LN8_ILLION 55919	20.37 0.00 0.00	20.30 -0.05 0.00	19.35 -0.15 0.00	20.23 -0.18 0.00	19.05 -0.16 0.00	20.21 -0.10 0.00	21.47 -0.04 0.00	18.97 0.05 0.00	19.14 0.08 0.00	18.07 0.06 0.00	19.04 0.03 0.00	18.75 0.05 0.00	16.41 0.02 0.00	15.52 0.07 -0.29	17.31 0.03 -0.83	19.29 0.00 -0.27	19.11 0.03 -0.17	22.04 0.02 -0.18	27.15 0.07 -0.20	26.37 0.14 -0.20	30.50 0.26 -0.21	30.85 0.30 -0.21	28.33 0.24 -0.18	25.53 0.08 0.00
WATSON____69_KV_BK 1 55734	22.18 1.82 0.00	21.86 1.51 0.00	20.73 1.24 0.00	21.72 1.31 0.00	20.49 1.28 0.00	21.97 1.65 0.00	23.77 2.26 0.00	20.87 1.95 0.00	21.11 2.04 0.00	20.16 2.15 -0.01	21.31 2.31 0.00	21.13 2.43 0.00	18.45 2.06 0.00	17.04 1.88 -0.01	18.56 2.09 -0.01	21.48 2.28 -0.17	20.96 2.01 -0.04	24.24 2.37 -0.03	29.88 2.96 -0.04	29.00 2.93 -0.04	33.40 3.33 -0.04	33.88 3.49 -0.04	30.88 2.95 -0.04	27.76 2.31 0.00
WDELAWARE__HYD 323627	21.71 1.35 0.00	21.60 1.26 0.00	20.55 1.06 0.00	21.40 0.99 0.00	20.17 0.97 0.00	21.46 1.14 0.00	22.89 1.38 0.00	20.30 1.38 0.00	20.60 1.54 0.00	19.66 1.65 0.00	20.82 1.82 0.00	20.52 1.82 0.00	17.54 1.15 0.00	16.29 1.13 0.00	17.70 1.24 0.00	20.36 1.33 0.00	20.10 1.19 0.00	23.18 1.33 0.00	28.44 1.56 0.00	27.68 1.64 0.00	32.46 2.43 0.00	32.75 2.40 0.00	30.55 2.65 0.00	27.79 2.34 0.00
WEST BABYLON__IC 23714	22.18 1.81 0.00	21.87 1.52 0.00	20.74 1.25 0.00	21.70 1.29 0.00	20.48 1.27 0.00	21.93 1.61 0.00	23.73 2.22 0.00	20.83 1.91 0.00	21.08 2.02 0.00	20.15 2.13 -0.01	21.32 2.32 0.00	21.15 2.44 0.00	18.45 2.05 0.00	17.06 1.89 -0.01	18.56 2.10 -0.01	21.48 2.28 -0.17	20.97 2.02 -0.04	24.23 2.35 -0.03	29.85 2.93 -0.04	28.98 2.90 -0.04	33.36 3.29 -0.04	33.81 3.43 -0.04	30.83 2.90 -0.04	27.75 2.30 0.00
WEST CANADA__HYD 24049	20.48 0.12 0.00	20.44 0.10 0.00	19.56 0.06 0.00	20.46 0.05 0.00	19.25 0.04 0.00	20.38 0.06 0.00	21.60 0.09 0.00	19.02 0.10 0.00	19.18 0.12 0.00	18.12 0.11 0.00	19.12 0.11 0.00	18.83 0.12 0.00	16.49 0.10 0.00	15.50 0.11 -0.23	17.26 0.11 -0.69	19.24 0.12 -0.09	19.02 0.11 0.00	21.97 0.12 0.00	27.05 0.16 0.00	26.20 0.16 0.00	30.22 0.19 0.00	30.53 0.18 0.00	28.06 0.15 0.00	25.56 0.11 0.00
WESTERN_NY_WIND 24143	21.24 0.88 0.00	21.08 0.74 0.00	20.15 0.65 0.00	20.99 0.58 0.00	19.85 0.64 0.00	20.91 0.59 0.00	22.04 0.53 0.00	19.25 0.33 0.00	19.43 0.36 0.00	18.08 0.19 0.11	19.24 0.24 0.00	18.90 0.30 0.10	16.59 0.28 0.08	15.35 0.24 0.06	16.52 0.06 0.00	16.51 0.20 2.72	18.94 0.23 0.20	22.10 0.25 0.00	27.24 0.36 0.00	26.30 0.26 0.00	30.32 0.29 0.00	30.54 0.19 0.00	28.10 0.20 0.00	25.68 0.23 0.00



WESTOVER___LESR 323668	21.24 0.88 0.00	21.15 0.81 0.00	20.19 0.70 0.00	21.10 0.69 0.00	19.83 0.62 0.00	20.97 0.65 0.00	22.22 0.71 0.00	19.54 0.62 0.00	19.75 0.68 0.00	18.71 0.68 -0.02	19.71 0.71 0.00	19.45 0.73 -0.02	16.97 0.57 -0.02	15.77 0.60 -0.01	17.03 0.60 0.03	20.34 0.68 -0.63	19.68 0.64 -0.13	22.73 0.79 -0.09	27.95 0.96 -0.11	27.12 0.98 -0.11	31.27 1.12 -0.11	31.58 1.13 -0.11	29.02 1.02 -0.10	26.35 0.90 0.00
WETHRSFD_WT_PWR 323626	21.03 0.67 0.00	20.90 0.56 0.00	19.91 0.41 0.00	20.72 0.31 0.00	19.41 0.20 0.00	20.40 0.08 0.00	21.69 0.18 0.00	18.89 -0.03 0.00	18.94 -0.12 0.00	16.88 -0.28 0.85	18.69 -0.32 0.00	17.62 -0.37 0.72	15.37 -0.44 0.58	14.44 -0.32 0.41	16.06 -0.40 0.00	-0.86 -0.40 19.49	17.23 -0.25 1.43	21.68 -0.16 0.00	26.78 -0.10 0.00	25.92 -0.12 0.00	29.92 -0.10 0.00	30.21 -0.14 0.00	27.87 -0.03 0.00	25.48 0.03 0.00
WHAVSTOR_138KV_BK127 55557	21.84 1.48 0.00	21.70 1.36 0.00	20.66 1.16 0.00	21.49 1.08 0.00	20.27 1.06 0.00	21.57 1.25 0.00	23.01 1.50 0.00	20.41 1.49 0.00	20.68 1.62 0.00	19.73 1.72 -0.01	20.88 1.87 0.00	20.66 1.95 0.00	18.06 1.67 0.00	16.81 1.64 -0.01	18.23 1.76 -0.01	21.16 1.95 -0.17	20.71 1.76 -0.04	23.86 1.99 -0.03	29.22 2.30 -0.04	28.36 2.28 -0.04	32.60 2.53 -0.04	32.91 2.52 -0.04	30.16 2.22 -0.04	27.28 1.83 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.84 1.48 0.00	21.70 1.36 0.00	20.66 1.16 0.00	21.49 1.08 0.00	20.27 1.06 0.00	21.57 1.25 0.00	23.01 1.50 0.00	20.41 1.49 0.00	20.68 1.62 0.00	19.73 1.72 -0.01	20.88 1.87 0.00	20.66 1.95 0.00	18.06 1.67 0.00	16.81 1.64 -0.01	18.23 1.76 -0.01	21.16 1.95 -0.17	20.71 1.76 -0.04	23.86 1.99 -0.03	29.22 2.30 -0.04	28.36 2.28 -0.04	32.60 2.53 -0.04	32.91 2.52 -0.04	30.16 2.22 -0.04	27.28 1.83 0.00
WHITEHAL_115KV_TB1 80871	22.14 1.78 0.00	21.98 1.64 0.00	20.97 1.47 0.00	22.09 1.68 0.00	20.83 1.62 0.00	22.26 1.94 0.00	23.56 2.06 0.00	20.78 1.86 0.00	21.03 1.97 0.00	19.81 1.80 0.00	21.07 2.06 0.00	20.93 2.23 0.00	18.16 1.77 0.00	16.81 1.64 -0.01	18.07 1.60 -0.01	20.77 1.62 -0.13	20.18 1.23 -0.03	23.31 1.44 -0.03	29.32 2.41 -0.03	28.55 2.48 -0.03	33.07 3.01 -0.03	33.10 2.72 -0.03	30.48 2.55 -0.03	27.18 1.73 0.00
WHITEPLN_13_KV_LOAD 356215	22.05 1.69 0.00	21.90 1.55 0.00	20.83 1.34 0.00	21.66 1.25 0.00	20.45 1.24 0.00	21.77 1.45 0.00	23.24 1.73 0.00	20.62 1.70 0.00	20.92 1.86 0.00	19.92 1.90 -0.01	21.08 2.07 0.00	20.86 2.15 0.00	18.23 1.83 0.00	16.96 1.79 -0.01	18.38 1.92 -0.01	21.34 2.14 -0.17	20.88 1.93 -0.04	24.06 2.18 -0.03	29.46 2.54 -0.04	28.59 2.52 -0.04	32.87 2.80 -0.04	33.18 2.80 -0.04	30.41 2.47 -0.04	27.54 2.09 0.00
WM_FLOYD_69_KV_BK2 356380	21.83 1.47 0.00	21.50 1.16 0.00	20.40 0.90 0.00	21.44 1.03 0.00	20.24 1.03 0.00	21.75 1.44 0.00	23.55 2.05 0.00	20.69 1.77 0.00	20.86 1.79 0.00	19.82 1.81 -0.01	20.93 1.93 0.00	20.76 2.05 0.00	18.13 1.73 0.00	16.75 1.58 -0.01	18.21 1.75 -0.01	21.11 1.91 -0.17	20.60 1.65 -0.04	23.85 1.97 -0.03	29.60 2.68 -0.04	28.65 2.57 -0.04	32.99 2.92 -0.04	33.52 3.13 -0.04	30.48 2.55 -0.04	27.33 1.89 0.00
WOODARD__115KV_TB2 355635	20.54 0.18 0.00	20.48 0.13 0.00	19.58 0.09 0.00	20.47 0.05 0.00	19.28 0.08 0.00	20.32 0.00 0.00	21.48 -0.03 0.00	18.87 -0.05 0.00	19.04 -0.02 0.00	17.94 -0.07 0.00	18.92 -0.09 0.00	18.65 -0.06 0.00	16.32 -0.07 0.00	15.10 -0.03 0.02	16.28 -0.07 0.12	19.17 -0.08 -0.22	19.04 -0.07 -0.20	21.98 -0.06 -0.20	27.04 -0.07 -0.23	26.20 -0.06 -0.22	30.22 -0.05 -0.24	30.49 -0.10 -0.24	28.00 -0.11 -0.21	25.37 -0.08 0.00
YORK___WARBASSE 23770	22.08 1.72 0.00	21.95 1.61 0.00	20.88 1.39 0.00	21.68 1.27 0.00	20.46 1.26 0.00	21.79 1.47 0.00	23.25 1.74 0.00	20.64 1.72 0.00	20.93 1.87 0.00	20.02 2.00 -0.01	21.16 2.15 0.00	20.95 2.24 0.00	18.31 1.92 0.00	17.04 1.87 -0.01	18.47 2.00 -0.01	21.41 2.21 -0.17	20.96 2.01 -0.04	24.12 2.25 -0.03	29.47 2.55 -0.04	28.59 2.52 -0.04	32.82 2.75 -0.04	33.28 2.90 -0.04	30.56 2.62 -0.04	27.64 2.19 0.00