

# Day Ahead Market Generator LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

04/26/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	24.14	22.13	21.25	21.15	22.24	26.28	35.12	34.80	28.76	23.12	21.19	21.23	20.77	20.55	20.51	20.53	21.17	24.68	28.45	34.41	33.64	30.92	24.15	21.94
24138	1.52	1.27	1.15	1.14	1.26	1.56	2.66	2.76	1.96	1.63	1.44	1.51	1.38	1.43	1.50	1.54	1.53	1.91	2.20	3.07	3.03	2.37	1.79	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.41	0.00	-0.02	-0.02	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	24.16	22.13	21.35	21.27	22.28	26.28	35.05	34.67	28.79	23.12	21.21	21.32	20.78	20.55	20.48	20.55	21.19	24.70	28.47	34.44	33.64	30.98	24.08	21.98
24260	1.54	1.27	1.25	1.26	1.30	1.56	2.60	2.63	1.98	1.63	1.46	1.47	1.40	1.43	1.46	1.50	1.55	1.94	2.23	3.10	3.03	2.43	1.72	1.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.03	-0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	24.16	22.13	21.35	21.27	22.28	26.28	35.05	34.67	28.79	23.12	21.21	21.32	20.78	20.55	20.48	20.55	21.19	24.70	28.47	34.44	33.64	30.98	24.08	21.98
24261	1.54	1.27	1.25	1.26	1.30	1.56	2.60	2.63	1.98	1.63	1.46	1.47	1.40	1.43	1.46	1.50	1.55	1.94	2.23	3.10	3.03	2.43	1.72	1.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.54	0.00	-0.03	-0.03	-0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	23.30	21.50	20.68	20.61	21.59	25.46	33.78	33.04	27.37	21.73	19.91	19.44	19.54	19.13	19.12	18.96	19.84	23.20	26.95	32.72	32.01	29.60	23.05	20.92
24011	0.68	0.65	0.58	0.60	0.61	0.74	1.33	0.99	0.56	0.24	0.16	0.14	0.16	0.04	0.13	0.17	0.20	0.43	0.71	1.38	1.41	1.06	0.69	0.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	23.37	21.56	20.70	20.63	21.63	25.53	33.98	33.16	27.42	21.77	19.93	19.44	19.56	19.11	19.12	18.96	19.84	23.22	27.01	32.78	32.14	29.66	23.14	20.94
23798	0.75	0.71	0.60	0.62	0.65	0.81	1.53	1.12	0.62	0.28	0.18	0.14	0.17	0.02	0.13	0.17	0.20	0.46	0.76	1.44	1.53	1.11	0.78	0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.30	21.50	20.68	20.61	21.59	25.46	33.78	33.04	27.37	21.73	19.91	19.44	19.54	19.13	19.12	18.96	19.84	23.20	26.95	32.72	32.01	29.60	23.05	20.92
24028	0.68	0.65	0.58	0.60	0.61	0.74	1.33	0.99	0.56	0.24	0.16	0.14	0.16	0.04	0.13	0.17	0.20	0.43	0.71	1.38	1.41	1.06	0.69	0.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	23.14	21.42	20.60	20.51	21.59	25.49	33.95	33.45	27.47	21.77	19.99	19.58	19.60	19.30	19.25	19.07	19.99	23.43	27.08	32.94	32.05	29.75	23.28	21.12
23527	0.52	0.56	0.50	0.50	0.61	0.77	1.49	1.41	0.67	0.28	0.24	0.27	0.21	0.21	0.27	0.28	0.35	0.66	0.84	1.60	1.44	1.20	0.92	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.42	20.75	20.06	19.99	20.87	24.52	32.39	31.85	26.46	21.25	19.55	19.17	19.21	18.90	18.85	18.68	19.54	22.77	26.22	31.59	30.85	28.61	22.43	20.45
24190	-0.20	-0.10	-0.04	-0.02	-0.10	-0.20	-0.06	-0.19	-0.35	-0.24	-0.20	-0.14	-0.17	-0.19	-0.13	-0.11	-0.10	0.00	-0.03	0.25	0.24	0.06	0.07	0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	22.42	20.71	19.98	19.91	20.87	24.62	31.97	31.53	26.64	21.36	19.59	19.15	19.25	18.94	18.83	18.62	19.48	22.58	26.03	30.74	29.99	28.23	22.16	20.13
355683	-0.20	-0.15	-0.12	-0.10	-0.10	-0.10	-0.49	-0.51	-0.16	-0.13	-0.16	-0.15	-0.14	-0.15	-0.15	-0.17	-0.16	-0.18	-0.21	-0.60	-0.61	-0.31	-0.20	-0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	23.05	21.29	20.50	20.41	21.40	25.16	33.27	32.59	26.91	21.42	19.61	19.17	19.21	18.90	18.87	18.75	19.68	22.99	26.64	32.12	31.43	29.15	22.85	20.78
323833	0.43	0.44	0.40	0.40	0.42	0.45	0.81	0.54	0.11	-0.06	-0.14	-0.13	-0.17	-0.19	-0.11	-0.04	0.04	0.23	0.39	0.78	0.83	0.60	0.49	0.45
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	23.03	21.29	20.50	20.41	21.40	25.16	33.27	32.59	26.91	21.42	19.61	19.17	19.21	18.90	18.87	18.75	19.68	22.99	26.64	32.12	31.43	29.15	22.85	20.78
323834	0.41	0.44	0.40	0.40	0.42	0.45	0.81	0.54	0.11	-0.06	-0.14	-0.13	-0.17	-0.19	-0.11	-0.04	0.04	0.23	0.39	0.78	0.83	0.60	0.49	0.45
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	22.42	20.75	20.06	19.99	20.87	24.52	32.39	31.85	26.46	21.25	19.55	19.17	19.21	18.90	18.85	18.68	19.54	22.77	26.22	31.59	30.85	28.61	22.43	20.45
23571	-0.20	-0.10	-0.04	-0.02	-0.10	-0.20	-0.06	-0.19	-0.35	-0.24	-0.20	-0.14	-0.17	-0.19	-0.13	-0.11	-0.10	0.00	-0.03	0.25	0.24	0.06	0.07	0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



ALBANY___2 23572	22.42 -0.20 0.00	20.75 -0.10 0.00	20.06 -0.04 0.00	19.99 -0.02 0.00	20.87 -0.10 0.00	24.52 -0.20 0.00	32.39 -0.06 0.00	31.85 -0.19 0.00	26.46 -0.35 0.00	21.25 -0.24 0.00	19.55 -0.20 0.00	19.17 -0.14 0.00	19.21 -0.17 0.00	18.90 -0.19 0.00	18.85 -0.13 0.00	18.68 -0.11 0.00	19.54 -0.10 0.00	22.77 0.00 0.00	26.22 -0.03 0.00	31.59 0.25 0.00	30.85 0.24 0.00	28.61 0.06 0.00	22.43 0.07 0.00	20.45 0.12 0.00
ALBANY___3 23573	22.42 -0.20 0.00	20.75 -0.10 0.00	20.06 -0.04 0.00	19.99 -0.02 0.00	20.87 -0.10 0.00	24.52 -0.20 0.00	32.39 -0.06 0.00	31.85 -0.19 0.00	26.46 -0.35 0.00	21.25 -0.24 0.00	19.55 -0.20 0.00	19.17 -0.14 0.00	19.21 -0.17 0.00	18.90 -0.19 0.00	18.85 -0.13 0.00	18.68 -0.11 0.00	19.54 -0.10 0.00	22.77 0.00 0.00	26.22 -0.03 0.00	31.59 0.25 0.00	30.85 0.24 0.00	28.61 0.06 0.00	22.43 0.07 0.00	20.45 0.12 0.00
ALBANY___4 23574	22.42 -0.20 0.00	20.75 -0.10 0.00	20.06 -0.04 0.00	19.99 -0.02 0.00	20.87 -0.10 0.00	24.52 -0.20 0.00	32.39 -0.06 0.00	31.85 -0.19 0.00	26.46 -0.35 0.00	21.25 -0.24 0.00	19.55 -0.20 0.00	19.17 -0.14 0.00	19.21 -0.17 0.00	18.90 -0.19 0.00	18.85 -0.13 0.00	18.68 -0.11 0.00	19.54 -0.10 0.00	22.77 0.00 0.00	26.22 -0.03 0.00	31.59 0.25 0.00	30.85 0.24 0.00	28.61 0.06 0.00	22.43 0.07 0.00	20.45 0.12 0.00
ALBANY___LFGE 323615	22.60 -0.02 0.00	20.92 0.06 0.00	20.14 0.04 0.00	20.05 0.04 0.00	21.02 0.04 0.00	24.72 0.00 0.00	32.71 0.26 0.00	32.14 0.10 0.00	26.67 -0.13 0.00	21.40 -0.09 0.00	19.69 -0.06 0.00	19.29 -0.02 0.00	19.35 -0.04 0.00	19.02 -0.08 0.00	18.97 -0.02 0.00	18.79 0.00 0.00	19.72 0.08 0.00	22.97 0.20 0.00	26.48 0.24 0.00	31.97 0.63 0.00	31.22 0.61 0.00	28.92 0.37 0.00	22.67 0.31 0.00	20.64 0.31 0.00
ALCOA_PA_115KV_PL-6C 55860	22.44 -0.18 0.00	20.75 -0.10 0.00	20.02 -0.08 0.00	19.93 -0.08 0.00	20.90 -0.08 0.00	24.67 -0.05 0.00	32.03 -0.42 0.00	31.63 -0.42 0.00	26.67 -0.13 0.00	21.36 -0.13 0.00	19.59 -0.16 0.00	19.15 -0.15 0.00	19.27 -0.12 0.00	18.94 -0.15 0.00	18.83 -0.15 0.00	18.62 -0.17 0.00	19.48 -0.16 0.00	22.58 -0.18 0.00	26.06 -0.18 0.00	30.74 -0.60 0.00	30.02 -0.58 0.00	28.26 -0.29 0.00	22.18 -0.18 0.00	20.13 -0.20 0.00
ALCOA_RYNLDS___DRP 24188	22.44 -0.18 0.00	20.75 -0.10 0.00	20.02 -0.08 0.00	19.93 -0.08 0.00	20.90 -0.08 0.00	24.67 -0.05 0.00	32.03 -0.42 0.00	31.63 -0.42 0.00	26.67 -0.13 0.00	21.36 -0.13 0.00	19.59 -0.16 0.00	19.15 -0.15 0.00	19.27 -0.12 0.00	18.94 -0.15 0.00	18.83 -0.15 0.00	18.62 -0.17 0.00	19.48 -0.16 0.00	22.58 -0.18 0.00	26.06 -0.18 0.00	30.74 -0.60 0.00	30.02 -0.58 0.00	28.26 -0.29 0.00	22.18 -0.18 0.00	20.13 -0.20 0.00
ALCOA___DSASP 323711	22.44 -0.18 0.00	20.75 -0.10 0.00	20.00 -0.10 0.00	19.91 -0.10 0.00	20.90 -0.08 0.00	24.62 -0.10 0.00	31.80 -0.65 0.00	31.43 -0.61 0.00	26.67 -0.13 0.00	21.36 -0.13 0.00	19.59 -0.16 0.00	19.15 -0.16 0.00	19.27 -0.12 0.00	18.94 -0.15 0.00	18.83 -0.15 0.00	18.62 -0.17 0.00	19.48 -0.16 0.00	22.58 -0.18 0.00	26.06 -0.18 0.00	30.74 -0.60 0.00	30.02 -0.58 0.00	28.26 -0.29 0.00	22.09 -0.27 0.00	20.13 -0.20 0.00
ALLEGHENY___COGEN 23514	23.98 1.36 0.00	21.92 1.06 0.00	21.25 1.15 0.00	21.17 1.16 0.00	21.90 0.92 0.00	25.90 1.19 0.00	34.37 1.91 0.00	34.12 2.08 0.00	27.96 1.15 0.00	22.26 0.77 0.00	20.32 0.57 0.00	19.81 0.50 0.00	19.95 0.56 0.00	19.59 0.50 0.00	19.29 0.30 0.00	19.02 0.23 0.00	19.93 0.30 0.00	23.11 0.34 0.00	26.77 0.52 0.00	32.09 0.75 0.00	31.52 0.92 0.00	28.89 0.34 0.00	22.67 0.31 0.00	20.56 0.22 0.00
ALTAMONT_115KV_TB 2 55880	22.92 0.29 0.00	21.15 0.29 0.00	20.40 0.30 0.00	20.31 0.30 0.00	21.27 0.29 0.00	25.04 0.32 0.00	33.10 0.65 0.00	32.62 0.58 0.00	27.10 0.29 0.00	21.68 0.19 0.00	19.93 0.18 0.00	19.50 0.19 0.00	19.54 0.16 0.00	19.26 0.17 0.00	19.17 0.19 0.00	19.02 0.23 0.00	19.88 0.24 0.00	23.11 0.34 0.00	26.66 0.42 0.00	32.12 0.78 0.00	31.37 0.77 0.00	29.09 0.54 0.00	22.76 0.40 0.00	20.74 0.41 0.00
ALTONA_WT_PWR 323606	22.44 -0.18 0.00	20.83 -0.02 0.00	20.12 0.02 0.00	20.05 0.04 0.00	21.15 0.17 0.00	24.99 0.27 0.00	30.76 -1.69 0.00	30.54 -1.51 0.00	27.23 0.43 0.00	21.73 0.24 0.00	19.87 0.12 0.00	19.41 0.10 0.00	19.56 0.17 0.00	19.17 0.08 0.00	19.06 0.08 0.00	18.83 0.04 0.00	19.72 0.08 0.00	22.86 0.09 0.00	26.35 0.11 0.00	30.93 -0.41 0.00	29.87 -0.73 0.00	27.92 -0.63 0.00	21.62 -0.74 0.00	20.49 0.16 0.00
AMERICAN_REF_FUEL 24010	22.53 -0.09 0.00	20.60 -0.25 0.00	20.06 -0.04 0.00	19.99 -0.02 0.00	20.50 -0.48 0.00	24.15 -0.57 0.00	31.77 -0.68 0.00	31.43 -0.61 0.00	25.97 -0.83 0.00	21.02 -0.47 0.00	19.37 -0.38 0.00	18.90 -0.41 0.00	19.14 -0.25 0.00	18.81 -0.29 0.00	18.49 -0.49 0.00	18.13 -0.66 0.00	18.95 -0.69 0.00	21.74 -1.02 0.00	24.83 -1.42 0.00	29.59 -1.75 0.00	28.98 -1.62 0.00	26.72 -1.83 0.00	21.20 -1.16 0.00	19.44 -0.89 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	23.60 0.97 0.00	21.54 0.69 0.00	20.92 0.82 0.00	20.83 0.82 0.00	21.46 0.48 0.00	25.41 0.69 0.00	33.52 1.07 0.00	33.39 1.35 0.00	27.55 0.75 0.00	22.28 0.80 0.00	20.56 0.81 0.00	20.04 0.73 0.00	20.30 0.91 0.00	19.97 0.88 0.00	19.65 0.66 0.00	19.24 0.45 0.00	20.11 0.47 0.00	23.08 0.32 0.00	26.35 0.11 0.00	31.37 0.03 0.00	30.45 -0.15 0.00	27.86 -0.69 0.00	21.85 -0.51 0.00	19.84 -0.49 0.00
ARTHUR KILL_GT_1 23520	24.49 1.86 -0.01	22.47 1.61 -0.01	21.60 1.49 -0.01	21.49 1.48 -0.01	22.60 1.62 -0.01	26.57 1.85 0.00	35.38 2.92 0.00	34.86 2.82 0.00	28.68 1.88 0.00	23.04 1.55 0.00	21.11 1.36 0.00	21.04 1.24 -0.49	20.71 1.32 0.00	20.54 1.41 -0.03	20.42 1.40 -0.03	20.30 1.28 -0.23	21.21 1.57 0.00	24.77 2.00 0.00	28.55 2.31 0.00	34.54 3.20 0.00	33.76 3.15 0.00	31.15 2.60 0.00	24.41 2.06 0.00	22.19 1.85 -0.01
ARTHUR_KILL_2 23512	24.42 1.79 -0.01	22.43 1.56 -0.01	21.56 1.45 -0.01	21.43 1.42 -0.01	22.54 1.55 -0.01	26.52 1.80 0.00	35.31 2.86 0.00	34.76 2.72 0.00	28.60 1.80 0.00	22.97 1.48 0.00	21.05 1.30 0.00	20.98 1.18 -0.49	20.67 1.28 0.00	20.48 1.36 -0.03	20.38 1.37 -0.03	20.25 1.22 -0.23	21.15 1.51 0.00	24.70 1.93 0.00	28.47 2.23 0.00	34.44 3.10 0.00	33.67 3.06 0.00	31.06 2.51 0.00	24.37 2.01 0.00	22.15 1.81 -0.01
ARTHUR_KILL_3 23513	23.96 1.33 0.00	21.96 1.10 0.00	21.08 0.98 0.00	20.99 0.98 0.00	22.07 1.09 0.00	26.08 1.36 0.00	34.85 2.40 0.00	34.51 2.47 0.00	28.55 1.74 0.00	22.95 1.46 0.00	21.05 1.30 0.00	21.12 1.33 -0.48	20.61 1.22 0.00	20.42 1.30 -0.03	20.32 1.31 -0.03	20.39 1.37 -0.23	21.03 1.39 0.00	24.50 1.73 0.00	28.21 1.97 0.00	34.19 2.85 0.00	33.39 2.78 0.00	30.72 2.17 0.00	23.97 1.61 0.00	21.78 1.44 0.00



ARTHUR_KILL_COGEN 323718	24.49 1.86 -0.01	22.47 1.61 -0.01	21.60 1.49 -0.01	21.49 1.48 -0.01	22.60 1.62 -0.01	26.57 1.85 0.00	35.38 2.92 0.00	34.86 2.82 0.00	28.68 1.88 0.00	23.04 1.55 0.00	21.11 1.36 0.00	21.04 1.24 -0.49	20.71 1.32 0.00	20.54 1.41 -0.03	20.42 1.40 -0.03	20.30 1.28 -0.23	21.21 1.57 0.00	24.77 2.00 0.00	28.55 2.31 0.00	34.54 3.20 0.00	33.76 3.15 0.00	31.15 2.60 0.00	24.41 2.06 0.00	22.19 1.85 -0.01
ASHOKAN____ 23654	23.53 0.91 0.00	21.65 0.79 0.00	20.84 0.74 0.00	20.73 0.72 0.00	21.80 0.82 0.00	25.63 0.92 0.00	34.08 1.62 0.00	33.33 1.28 0.00	27.50 0.70 0.00	21.75 0.26 0.00	19.87 0.12 0.00	19.33 0.02 0.00	19.41 0.02 0.00	19.15 0.06 0.00	19.14 0.15 0.00	19.03 0.24 0.00	19.93 0.30 0.00	23.40 0.64 0.00	27.22 0.97 0.00	32.87 1.54 0.00	32.17 1.56 0.00	29.78 1.23 0.00	23.30 0.94 0.00	21.23 0.89 0.00
ASTORIA_EAST_ENERGY_CC1 323581	24.08 1.45 -0.01	22.11 1.25 -0.01	21.25 1.15 -0.01	21.15 1.14 -0.01	22.25 1.26 -0.01	26.23 1.51 0.00	34.85 2.40 0.00	34.44 2.40 0.01	28.54 1.74 0.01	23.03 1.55 0.01	21.09 1.34 0.01	21.15 1.37 -0.47	20.66 1.28 0.01	20.51 1.39 -0.02	20.41 1.40 -0.02	20.42 1.41 -0.22	21.06 1.43 0.01	24.56 1.80 0.01	28.26 2.02 0.01	34.15 2.82 0.01	33.35 2.76 0.01	30.65 2.11 0.01	24.08 1.72 0.00	21.93 1.59 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	24.08 1.45 -0.01	22.11 1.25 -0.01	21.25 1.15 -0.01	21.15 1.14 -0.01	22.25 1.26 -0.01	26.23 1.51 0.00	34.85 2.40 0.00	34.44 2.40 0.01	28.54 1.74 0.01	23.03 1.55 0.01	21.09 1.34 0.01	21.15 1.37 -0.47	20.66 1.28 0.01	20.51 1.39 -0.02	20.41 1.40 -0.02	20.42 1.41 -0.22	21.06 1.43 0.01	24.56 1.80 0.01	28.26 2.02 0.01	34.15 2.82 0.01	33.35 2.76 0.01	30.65 2.11 0.01	24.08 1.72 0.00	21.93 1.59 -0.01
ASTORIA_GT2_1 24094	24.08 1.45 -0.01	22.11 1.25 -0.01	21.35 1.25 -0.01	21.27 1.26 -0.01	22.27 1.28 -0.01	26.20 1.48 0.00	34.79 2.34 0.00	34.32 2.28 0.00	28.55 1.74 0.00	23.04 1.55 0.00	21.11 1.36 0.00	21.17 1.39 -0.47	20.67 1.28 0.00	20.50 1.39 -0.02	20.41 1.40 -0.02	20.44 1.43 -0.22	21.09 1.45 0.00	24.56 1.80 0.00	28.26 2.02 0.00	34.19 2.85 0.00	33.39 2.79 0.00	30.69 2.14 0.00	24.01 1.65 0.00	21.95 1.61 -0.01
ASTORIA_GT2_2 24095	24.08 1.45 -0.01	22.11 1.25 -0.01	21.35 1.25 -0.01	21.27 1.26 -0.01	22.27 1.28 -0.01	26.20 1.48 0.00	34.79 2.34 0.00	34.32 2.28 0.00	28.55 1.74 0.00	23.04 1.55 0.00	21.11 1.36 0.00	21.17 1.39 -0.47	20.67 1.28 0.00	20.50 1.39 -0.02	20.41 1.40 -0.02	20.44 1.43 -0.22	21.09 1.45 0.00	24.56 1.80 0.00	28.26 2.02 0.00	34.19 2.85 0.00	33.39 2.79 0.00	30.69 2.14 0.00	24.01 1.65 0.00	21.95 1.61 -0.01
ASTORIA_GT2_3 24096	24.08 1.45 -0.01	22.11 1.25 -0.01	21.35 1.25 -0.01	21.27 1.26 -0.01	22.27 1.28 -0.01	26.20 1.48 0.00	34.79 2.34 0.00	34.32 2.28 0.00	28.55 1.74 0.00	23.04 1.55 0.00	21.11 1.36 0.00	21.17 1.39 -0.47	20.67 1.28 0.00	20.50 1.39 -0.02	20.41 1.40 -0.02	20.44 1.43 -0.22	21.09 1.45 0.00	24.56 1.80 0.00	28.26 2.02 0.00	34.19 2.85 0.00	33.39 2.79 0.00	30.69 2.14 0.00	24.01 1.65 0.00	21.95 1.61 -0.01
ASTORIA_GT2_4 24097	24.08 1.45 -0.01	22.11 1.25 -0.01	21.35 1.25 -0.01	21.27 1.26 -0.01	22.27 1.28 -0.01	26.20 1.48 0.00	34.79 2.34 0.00	34.32 2.28 0.00	28.55 1.74 0.00	23.04 1.55 0.00	21.11 1.36 0.00	21.17 1.39 -0.47	20.67 1.28 0.00	20.50 1.39 -0.02	20.41 1.40 -0.02	20.44 1.43 -0.22	21.09 1.45 0.00	24.56 1.80 0.00	28.26 2.02 0.00	34.19 2.85 0.00	33.39 2.79 0.00	30.69 2.14 0.00	24.01 1.65 0.00	21.95 1.61 -0.01
ASTORIA_GT3_1 24098	24.08 1.45 -0.01	22.11 1.25 -0.01	21.35 1.25 -0.01	21.27 1.26 -0.01	22.27 1.28 -0.01	26.20 1.48 0.00	34.79 2.34 0.00	34.32 2.28 0.00	28.55 1.74 0.00	23.04 1.55 0.00	21.11 1.36 0.00	21.17 1.39 -0.47	20.67 1.28 0.00	20.50 1.39 -0.02	20.41 1.40 -0.02	20.44 1.43 -0.22	21.09 1.45 0.00	24.56 1.80 0.00	28.26 2.02 0.00	34.19 2.85 0.00	33.39 2.79 0.00	30.69 2.14 0.00	24.01 1.65 0.00	21.95 1.61 -0.01
ASTORIA_GT3_2 24099	24.08 1.45 -0.01	22.11 1.25 -0.01	21.35 1.25 -0.01	21.27 1.26 -0.01	22.27 1.28 -0.01	26.20 1.48 0.00	34.79 2.34 0.00	34.32 2.28 0.00	28.55 1.74 0.00	23.04 1.55 0.00	21.11 1.36 0.00	21.17 1.39 -0.47	20.67 1.28 0.00	20.50 1.39 -0.02	20.41 1.40 -0.02	20.44 1.43 -0.22	21.09 1.45 0.00	24.56 1.80 0.00	28.26 2.02 0.00	34.19 2.85 0.00	33.39 2.79 0.00	30.69 2.14 0.00	24.01 1.65 0.00	21.95 1.61 -0.01
ASTORIA_GT3_3 24100	24.08 1.45 -0.01	22.11 1.25 -0.01	21.35 1.25 -0.01	21.27 1.26 -0.01	22.27 1.28 -0.01	26.20 1.48 0.00	34.79 2.34 0.00	34.32 2.28 0.00	28.55 1.74 0.00	23.04 1.55 0.00	21.11 1.36 0.00	21.17 1.39 -0.47	20.67 1.28 0.00	20.50 1.39 -0.02	20.41 1.40 -0.02	20.44 1.43 -0.22	21.09 1.45 0.00	24.56 1.80 0.00	28.26 2.02 0.00	34.19 2.85 0.00	33.39 2.79 0.00	30.69 2.14 0.00	24.01 1.65 0.00	21.95 1.61 -0.01
ASTORIA_GT3_4 24101	24.08 1.45 -0.01	22.11 1.25 -0.01	21.35 1.25 -0.01	21.27 1.26 -0.01	22.27 1.28 -0.01	26.20 1.48 0.00	34.79 2.34 0.00	34.32 2.28 0.00	28.55 1.74 0.00	23.04 1.55 0.00	21.11 1.36 0.00	21.17 1.39 -0.47	20.67 1.28 0.00	20.50 1.39 -0.02	20.41 1.40 -0.02	20.44 1.43 -0.22	21.09 1.45 0.00	24.56 1.80 0.00	28.26 2.02 0.00	34.19 2.85 0.00	33.39 2.79 0.00	30.69 2.14 0.00	24.01 1.65 0.00	21.95 1.61 -0.01
ASTORIA_GT4_1 24102	24.08 1.45 -0.01	22.11 1.25 -0.01	21.35 1.25 -0.01	21.27 1.26 -0.01	22.27 1.28 -0.01	26.20 1.48 0.00	34.79 2.34 0.00	34.32 2.28 0.00	28.55 1.74 0.00	23.04 1.55 0.00	21.11 1.36 0.00	21.17 1.39 -0.47	20.67 1.28 0.00	20.50 1.39 -0.02	20.41 1.40 -0.02	20.44 1.43 -0.22	21.09 1.45 0.00	24.56 1.80 0.00	28.26 2.02 0.00	34.19 2.85 0.00	33.39 2.79 0.00	30.69 2.14 0.00	24.01 1.65 0.00	21.95 1.61 -0.01
ASTORIA_GT4_2 24103	24.08 1.45 -0.01	22.11 1.25 -0.01	21.35 1.25 -0.01	21.27 1.26 -0.01	22.27 1.28 -0.01	26.20 1.48 0.00	34.79 2.34 0.00	34.32 2.28 0.00	28.55 1.74 0.00	23.04 1.55 0.00	21.11 1.36 0.00	21.17 1.39 -0.47	20.67 1.28 0.00	20.50 1.39 -0.02	20.41 1.40 -0.02	20.44 1.43 -0.22	21.09 1.45 0.00	24.56 1.80 0.00	28.26 2.02 0.00	34.19 2.85 0.00	33.39 2.79 0.00	30.69 2.14 0.00	24.01 1.65 0.00	21.95 1.61 -0.01
ASTORIA_GT4_3 24104	24.08 1.45 -0.01	22.11 1.25 -0.01	21.35 1.25 -0.01	21.27 1.26 -0.01	22.27 1.28 -0.01	26.20 1.48 0.00	34.79 2.34 0.00	34.32 2.28 0.00	28.55 1.74 0.00	23.04 1.55 0.00	21.11 1.36 0.00	21.17 1.39 -0.47	20.67 1.28 0.00	20.50 1.39 -0.02	20.41 1.40 -0.02	20.44 1.43 -0.22	21.09 1.45 0.00	24.56 1.80 0.00	28.26 2.02 0.00	34.19 2.85 0.00	33.39 2.79 0.00	30.69 2.14 0.00	24.01 1.65 0.00	21.95 1.61 -0.01



ASTORIA_GT4_4 24105	24.08 1.45 -0.01	22.11 1.25 -0.01	21.35 1.25 -0.01	21.27 1.26 -0.01	22.27 1.28 -0.01	26.20 1.48 0.00	34.79 2.34 0.00	34.32 2.28 0.00	28.55 1.74 0.00	23.04 1.55 0.00	21.11 1.36 0.00	21.17 1.39 -0.47	20.67 1.28 0.00	20.50 1.39 -0.02	20.41 1.40 -0.02	20.44 1.43 -0.22	21.09 1.45 0.00	24.56 1.80 0.00	28.26 2.02 0.00	34.19 2.85 0.00	33.39 2.79 0.00	30.69 2.14 0.00	24.01 1.65 0.00	21.95 1.61 -0.01
ASTORIA_GT_1 23523	24.12 1.49 -0.01	22.16 1.29 -0.01	21.29 1.19 -0.01	21.19 1.18 -0.01	22.29 1.30 -0.01	26.28 1.56 0.00	34.95 2.50 0.00	34.54 2.50 0.01	28.59 1.80 0.01	23.07 1.59 0.01	21.12 1.38 0.01	21.21 1.43 -0.47	20.70 1.32 0.01	20.55 1.43 -0.02	20.45 1.44 -0.02	20.46 1.45 -0.22	21.12 1.49 0.01	24.60 1.84 0.01	28.31 2.07 0.01	34.21 2.88 0.01	33.45 2.85 0.01	30.71 2.17 0.01	24.12 1.77 0.00	21.97 1.63 -0.01
ASTORIA_GT_10 24110	24.15 1.52 -0.01	22.13 1.27 -0.01	21.35 1.25 -0.01	21.27 1.26 -0.01	22.27 1.28 -0.01	26.20 1.48 0.00	34.92 2.47 0.00	34.51 2.47 0.00	28.65 1.85 0.00	23.04 1.55 0.00	21.13 1.38 0.00	21.20 1.35 -0.54	20.71 1.32 0.00	20.50 1.37 -0.03	20.40 1.39 -0.03	20.45 1.41 -0.25	21.13 1.49 0.00	24.63 1.87 0.00	28.37 2.13 0.00	34.29 2.95 0.00	33.51 2.91 0.00	30.83 2.28 0.00	24.04 1.68 0.00	21.97 1.63 -0.01
ASTORIA_GT_11 24225	24.15 1.52 -0.01	22.13 1.27 -0.01	21.35 1.25 -0.01	21.27 1.26 -0.01	22.27 1.28 -0.01	26.20 1.48 0.00	34.92 2.47 0.00	34.51 2.47 0.00	28.65 1.85 0.00	23.04 1.55 0.00	21.13 1.38 0.00	21.20 1.35 -0.54	20.71 1.32 0.00	20.50 1.37 -0.03	20.40 1.39 -0.03	20.45 1.41 -0.25	21.13 1.49 0.00	24.63 1.87 0.00	28.37 2.13 0.00	34.29 2.95 0.00	33.51 2.91 0.00	30.83 2.28 0.00	24.04 1.68 0.00	21.97 1.63 -0.01
ASTORIA_GT_12 24226	24.15 1.52 -0.01	22.13 1.27 -0.01	21.35 1.25 -0.01	21.27 1.26 -0.01	22.27 1.28 -0.01	26.20 1.48 0.00	34.92 2.47 0.00	34.51 2.47 0.00	28.65 1.85 0.00	23.04 1.55 0.00	21.13 1.38 0.00	21.20 1.35 -0.54	20.71 1.32 0.00	20.50 1.37 -0.03	20.40 1.39 -0.03	20.45 1.41 -0.25	21.13 1.49 0.00	24.63 1.87 0.00	28.37 2.13 0.00	34.29 2.95 0.00	33.51 2.91 0.00	30.83 2.28 0.00	24.04 1.68 0.00	21.97 1.63 -0.01
ASTORIA_GT_13 24227	24.15 1.52 -0.01	22.13 1.27 -0.01	21.35 1.25 -0.01	21.27 1.26 -0.01	22.27 1.28 -0.01	26.20 1.48 0.00	34.92 2.47 0.00	34.51 2.47 0.00	28.65 1.85 0.00	23.04 1.55 0.00	21.13 1.38 0.00	21.20 1.35 -0.54	20.71 1.32 0.00	20.50 1.37 -0.03	20.40 1.39 -0.03	20.45 1.41 -0.25	21.13 1.49 0.00	24.63 1.87 0.00	28.37 2.13 0.00	34.29 2.95 0.00	33.51 2.91 0.00	30.83 2.28 0.00	24.04 1.68 0.00	21.97 1.63 -0.01
ASTORIA_GT_5 24106	24.10 1.47 -0.01	22.13 1.27 -0.01	21.39 1.29 -0.01	21.29 1.28 -0.01	22.29 1.30 -0.01	26.23 1.51 0.00	34.85 2.40 0.00	34.38 2.34 0.00	28.60 1.80 0.00	23.08 1.59 0.00	21.13 1.38 0.00	21.21 1.43 -0.47	20.71 1.32 0.00	20.54 1.43 -0.02	20.44 1.44 -0.02	20.47 1.47 -0.22	21.13 1.49 0.00	24.61 1.84 0.00	28.32 2.07 0.00	34.25 2.91 0.00	33.45 2.85 0.00	30.75 2.20 0.00	24.04 1.68 0.00	21.99 1.65 -0.01
ASTORIA_GT_7 24107	24.10 1.47 -0.01	22.13 1.27 -0.01	21.39 1.29 -0.01	21.29 1.28 -0.01	22.29 1.30 -0.01	26.23 1.51 0.00	34.85 2.40 0.00	34.38 2.34 0.00	28.60 1.80 0.00	23.08 1.59 0.00	21.13 1.38 0.00	21.21 1.43 -0.47	20.71 1.32 0.00	20.54 1.43 -0.02	20.44 1.44 -0.02	20.47 1.47 -0.22	21.13 1.49 0.00	24.61 1.84 0.00	28.32 2.07 0.00	34.25 2.91 0.00	33.45 2.85 0.00	30.75 2.20 0.00	24.04 1.68 0.00	21.99 1.65 -0.01
ASTORIA_GT_8 24108	24.10 1.47 -0.01	22.13 1.27 -0.01	21.39 1.29 -0.01	21.29 1.28 -0.01	22.29 1.30 -0.01	26.23 1.51 0.00	34.85 2.40 0.00	34.38 2.34 0.00	28.60 1.80 0.00	23.08 1.59 0.00	21.13 1.38 0.00	21.21 1.43 -0.47	20.71 1.32 0.00	20.54 1.43 -0.02	20.44 1.44 -0.02	20.47 1.47 -0.22	21.13 1.49 0.00	24.61 1.84 0.00	28.32 2.07 0.00	34.25 2.91 0.00	33.45 2.85 0.00	30.75 2.20 0.00	24.04 1.68 0.00	21.99 1.65 -0.01
ASTORIA___2 24149	24.08 1.45 -0.01	22.13 1.27 -0.01	21.27 1.17 -0.01	21.17 1.16 -0.01	22.27 1.28 -0.01	26.23 1.51 0.00	34.89 2.44 0.00	34.47 2.43 0.01	28.54 1.74 0.01	23.03 1.55 0.01	21.10 1.36 0.01	21.17 1.39 -0.47	20.66 1.28 0.01	20.53 1.41 -0.02	20.41 1.40 -0.02	20.44 1.43 -0.22	21.08 1.45 0.01	24.56 1.80 0.01	28.26 2.02 0.01	34.15 2.82 0.01	33.38 2.78 0.01	30.68 2.14 0.01	24.10 1.75 0.00	21.93 1.59 -0.01
ASTORIA___3 23516	24.15 1.52 -0.01	22.13 1.27 -0.01	21.27 1.17 -0.01	21.17 1.16 -0.01	22.27 1.28 -0.01	26.25 1.53 0.00	35.02 2.56 0.00	34.64 2.59 0.00	28.65 1.85 0.00	23.04 1.55 0.00	21.13 1.38 0.00	21.20 1.35 -0.54	20.71 1.32 0.00	20.50 1.38 -0.03	20.40 1.39 -0.03	20.46 1.41 -0.25	21.13 1.49 0.00	24.63 1.87 0.00	28.37 2.12 0.00	34.28 2.95 0.00	33.52 2.91 0.00	30.80 2.25 0.00	24.15 1.79 0.00	21.95 1.61 -0.01
ASTORIA___4 23517	24.15 1.52 -0.01	22.13 1.27 -0.01	21.35 1.25 -0.01	21.27 1.26 -0.01	22.27 1.28 -0.01	26.20 1.48 0.00	34.92 2.47 0.00	34.51 2.47 0.00	28.65 1.85 0.00	23.04 1.55 0.00	21.13 1.38 0.00	21.20 1.35 -0.54	20.71 1.32 0.00	20.50 1.37 -0.03	20.40 1.39 -0.03	20.45 1.41 -0.25	21.13 1.49 0.00	24.63 1.87 0.00	28.37 2.13 0.00	34.29 2.95 0.00	33.51 2.91 0.00	30.83 2.28 0.00	24.04 1.68 0.00	21.97 1.63 -0.01
ASTORIA___5 23518	24.15 1.52 -0.01	22.13 1.27 -0.01	21.27 1.17 -0.01	21.17 1.16 -0.01	22.27 1.28 -0.01	26.25 1.53 0.00	35.02 2.56 0.00	34.64 2.59 0.00	28.65 1.85 0.00	23.04 1.55 0.00	21.13 1.38 0.00	21.20 1.35 -0.54	20.71 1.32 0.00	20.50 1.38 -0.03	20.40 1.39 -0.03	20.46 1.41 -0.25	21.13 1.49 0.00	24.63 1.87 0.00	28.37 2.12 0.00	34.28 2.95 0.00	33.52 2.91 0.00	30.80 2.25 0.00	24.15 1.79 0.00	21.95 1.61 -0.01
AST_ENERGY_2_CC3 323677	24.00 1.38 0.00	22.00 1.15 0.00	21.14 1.04 0.00	21.05 1.04 0.00	22.13 1.15 0.00	26.13 1.41 0.00	34.89 2.44 0.00	34.54 2.50 0.00	28.57 1.77 0.00	22.95 1.46 0.00	21.03 1.28 0.00	21.10 1.31 -0.48	20.63 1.24 0.00	20.40 1.28 -0.03	20.32 1.31 -0.03	20.37 1.35 -0.23	21.03 1.39 0.00	24.52 1.75 0.00	28.24 1.99 0.00	34.19 2.85 0.00	33.42 2.81 0.00	30.72 2.17 0.00	24.01 1.65 0.00	21.82 1.48 0.00
AST_ENERGY_2_CC4 323678	24.00 1.38 0.00	22.00 1.15 0.00	21.14 1.04 0.00	21.05 1.04 0.00	22.13 1.15 0.00	26.13 1.41 0.00	34.89 2.44 0.00	34.54 2.50 0.00	28.57 1.77 0.00	22.95 1.46 0.00	21.03 1.28 0.00	21.10 1.31 -0.48	20.63 1.24 0.00	20.40 1.28 -0.03	20.32 1.31 -0.03	20.37 1.35 -0.23	21.03 1.39 0.00	24.52 1.75 0.00	28.24 1.99 0.00	34.19 2.85 0.00	33.42 2.81 0.00	30.72 2.17 0.00	24.01 1.65 0.00	21.82 1.48 0.00



ATHENS_STG_1 23668	23.12 0.50 0.00	21.31 0.46 0.00	20.52 0.42 0.00	20.41 0.40 0.00	21.44 0.46 0.00	25.29 0.57 0.00	33.56 1.10 0.00	33.13 1.09 0.00	27.45 0.64 0.00	21.94 0.45 0.00	20.17 0.42 0.00	19.73 0.42 0.00	19.78 0.39 0.00	19.49 0.40 0.00	19.42 0.44 0.00	19.26 0.47 0.00	20.13 0.49 0.00	23.45 0.68 0.00	27.03 0.79 0.00	32.63 1.29 0.00	31.83 1.23 0.00	29.49 0.94 0.00	23.07 0.72 0.00	20.98 0.65 0.00
ATHENS_STG_2 23670	23.12 0.50 0.00	21.31 0.46 0.00	20.52 0.42 0.00	20.41 0.40 0.00	21.44 0.46 0.00	25.29 0.57 0.00	33.56 1.10 0.00	33.13 1.09 0.00	27.45 0.64 0.00	21.94 0.45 0.00	20.17 0.42 0.00	19.73 0.42 0.00	19.78 0.39 0.00	19.49 0.40 0.00	19.42 0.44 0.00	19.26 0.47 0.00	20.13 0.49 0.00	23.45 0.68 0.00	27.03 0.79 0.00	32.63 1.29 0.00	31.83 1.23 0.00	29.49 0.94 0.00	23.07 0.72 0.00	20.98 0.65 0.00
ATHENS_STG_3 23677	23.12 0.50 0.00	21.31 0.46 0.00	20.52 0.42 0.00	20.41 0.40 0.00	21.44 0.46 0.00	25.29 0.57 0.00	33.56 1.10 0.00	33.13 1.09 0.00	27.45 0.64 0.00	21.94 0.45 0.00	20.17 0.42 0.00	19.73 0.42 0.00	19.78 0.39 0.00	19.49 0.40 0.00	19.42 0.44 0.00	19.26 0.47 0.00	20.13 0.49 0.00	23.45 0.68 0.00	27.03 0.79 0.00	32.63 1.29 0.00	31.83 1.23 0.00	29.49 0.94 0.00	23.07 0.72 0.00	20.98 0.65 0.00
AUBURN___LFGE 323710	23.28 0.66 0.00	21.35 0.50 0.00	20.48 0.38 0.00	20.39 0.38 0.00	21.44 0.46 0.00	25.29 0.57 0.00	33.39 0.94 0.00	33.23 1.19 0.00	27.58 0.78 0.00	22.05 0.56 0.00	20.26 0.51 0.00	19.79 0.48 0.00	19.91 0.52 0.00	19.57 0.48 0.00	19.34 0.36 0.00	19.09 0.30 0.00	19.95 0.31 0.00	23.04 0.27 0.00	26.61 0.37 0.00	31.87 0.53 0.00	31.16 0.55 0.00	28.86 0.31 0.00	22.63 0.27 0.00	20.49 0.16 0.00
BABYLON_RES_REC 323704	25.57 1.86 -1.09	24.66 1.58 -2.22	26.09 1.47 -4.52	22.99 1.46 -1.52	24.10 1.64 -1.49	28.69 1.98 -1.99	35.75 2.73 -0.57	35.30 2.79 -0.47	28.84 2.04 0.00	23.12 1.63 0.00	21.19 1.44 0.00	20.79 1.47 -0.01	20.73 1.34 0.00	20.47 1.38 0.00	20.35 1.37 0.00	20.32 1.52 -0.01	21.48 1.69 -0.15	25.09 2.14 -0.19	28.76 2.26 -0.26	34.80 3.04 -0.42	34.26 3.18 -0.47	31.35 2.40 -0.40	27.17 2.13 -2.68	22.62 1.87 -0.42
BABYLON___69_KV_BK2 356345	25.81 2.10 -1.08	24.88 1.81 -2.21	26.34 1.73 -4.52	23.28 1.76 -1.52	24.30 1.85 -1.48	29.11 2.20 -2.19	36.80 2.92 -1.42	36.30 2.88 -1.37	29.00 2.20 0.00	23.32 1.83 0.00	21.35 1.60 0.00	20.98 1.66 -0.01	20.90 1.51 0.00	20.64 1.55 0.00	20.52 1.54 0.00	20.49 1.69 -0.01	21.87 1.87 -0.36	25.58 2.37 -0.45	29.44 2.55 -0.65	36.03 3.42 -1.27	35.56 3.55 -1.40	32.50 2.74 -1.21	27.79 2.28 -3.15	23.49 2.13 -1.02
BALL_HILL_WT_PWR 323825	23.39 0.77 0.00	21.38 0.52 0.00	20.78 0.68 0.00	20.71 0.70 0.00	21.34 0.36 0.00	25.21 0.49 0.00	33.23 0.78 0.00	33.04 0.99 0.00	27.23 0.43 0.00	21.98 0.49 0.00	20.24 0.49 0.00	19.73 0.42 0.00	19.97 0.58 0.00	19.65 0.55 0.00	19.33 0.34 0.00	18.94 0.15 0.00	19.82 0.18 0.00	22.77 0.00 0.00	26.03 -0.21 0.00	31.06 -0.28 0.00	30.33 -0.28 0.00	27.92 -0.63 0.00	22.05 -0.31 0.00	20.13 -0.20 0.00
BARON_WINDS___WT_PWR 323822	23.66 1.04 0.00	21.67 0.81 0.00	20.98 0.88 0.00	20.91 0.90 0.00	21.67 0.69 0.00	25.63 0.92 0.00	33.92 1.46 0.00	33.58 1.54 0.00	27.66 0.86 0.00	22.22 0.73 0.00	20.38 0.63 0.00	19.89 0.58 0.00	20.09 0.70 0.00	19.76 0.67 0.00	19.46 0.47 0.00	19.13 0.34 0.00	19.88 0.24 0.00	22.93 0.16 0.00	26.35 0.11 0.00	31.53 0.19 0.00	30.73 0.12 0.00	28.32 -0.23 0.00	22.27 -0.09 0.00	20.27 -0.06 0.00
BARRETT_IC_1 23704	25.30 1.58 -1.09	24.43 1.35 -2.22	25.89 1.27 -4.52	22.77 1.24 -1.52	23.85 1.38 -1.49	28.28 1.70 -1.86	34.85 2.40 0.00	34.54 2.50 0.00	28.63 1.82 0.00	22.91 1.42 0.00	21.01 1.27 0.00	20.62 1.29 -0.01	20.57 1.18 0.00	20.32 1.22 0.00	20.22 1.23 0.00	20.13 1.33 -0.01	21.10 1.45 -0.01	24.64 1.87 -0.01	28.29 2.05 0.00	34.06 2.73 0.00	33.43 2.81 -0.01	30.72 2.17 0.00	26.59 1.85 -2.37	21.99 1.65 -0.01
BARRETT_IC_10 23701	25.30 1.58 -1.09	24.43 1.35 -2.22	25.89 1.27 -4.52	22.77 1.24 -1.52	23.85 1.38 -1.49	28.28 1.70 -1.86	34.85 2.40 0.00	34.54 2.50 0.00	28.63 1.82 0.00	22.91 1.42 0.00	21.01 1.27 0.00	20.62 1.29 -0.01	20.57 1.18 0.00	20.32 1.22 0.00	20.22 1.23 0.00	20.13 1.33 -0.01	21.10 1.45 -0.01	24.64 1.87 -0.01	28.29 2.05 0.00	34.06 2.73 0.00	33.43 2.81 -0.01	30.72 2.17 0.00	26.59 1.85 -2.37	21.99 1.65 -0.01
BARRETT_IC_11 23702	25.30 1.58 -1.09	24.43 1.35 -2.22	25.89 1.27 -4.52	22.77 1.24 -1.52	23.85 1.38 -1.49	28.28 1.70 -1.86	34.85 2.40 0.00	34.54 2.50 0.00	28.63 1.82 0.00	22.91 1.42 0.00	21.01 1.27 0.00	20.62 1.29 -0.01	20.57 1.18 0.00	20.32 1.22 0.00	20.22 1.23 0.00	20.13 1.33 -0.01	21.10 1.45 -0.01	24.64 1.87 -0.01	28.29 2.05 0.00	34.06 2.73 0.00	33.43 2.81 -0.01	30.72 2.17 0.00	26.59 1.85 -2.37	21.99 1.65 -0.01
BARRETT_IC_12 23703	25.30 1.58 -1.09	24.43 1.35 -2.22	25.89 1.27 -4.52	22.77 1.24 -1.52	23.85 1.38 -1.49	28.28 1.70 -1.86	34.85 2.40 0.00	34.54 2.50 0.00	28.63 1.82 0.00	22.91 1.42 0.00	21.01 1.27 0.00	20.62 1.29 -0.01	20.57 1.18 0.00	20.32 1.22 0.00	20.22 1.23 0.00	20.13 1.33 -0.01	21.10 1.45 -0.01	24.64 1.87 -0.01	28.29 2.05 0.00	34.06 2.73 0.00	33.43 2.81 -0.01	30.72 2.17 0.00	26.59 1.85 -2.37	21.99 1.65 -0.01
BARRETT_IC_2 23705	25.30 1.58 -1.09	24.43 1.35 -2.22	25.89 1.27 -4.52	22.77 1.24 -1.52	23.85 1.38 -1.49	28.28 1.70 -1.86	34.85 2.40 0.00	34.54 2.50 0.00	28.63 1.82 0.00	22.91 1.42 0.00	21.01 1.27 0.00	20.62 1.29 -0.01	20.57 1.18 0.00	20.32 1.22 0.00	20.22 1.23 0.00	20.13 1.33 -0.01	21.10 1.45 -0.01	24.64 1.87 -0.01	28.29 2.05 0.00	34.06 2.73 0.00	33.43 2.81 -0.01	30.72 2.17 0.00	26.59 1.85 -2.37	21.99 1.65 -0.01
BARRETT_IC_3 23706	25.30 1.58 -1.09	24.43 1.35 -2.22	25.89 1.27 -4.52	22.77 1.24 -1.52	23.85 1.38 -1.49	28.28 1.70 -1.86	34.85 2.40 0.00	34.54 2.50 0.00	28.63 1.82 0.00	22.91 1.42 0.00	21.01 1.27 0.00	20.62 1.29 -0.01	20.57 1.18 0.00	20.32 1.22 0.00	20.22 1.23 0.00	20.13 1.33 -0.01	21.10 1.45 -0.01	24.64 1.87 -0.01	28.29 2.05 0.00	34.06 2.73 0.00	33.43 2.81 -0.01	30.72 2.17 0.00	26.59 1.85 -2.37	21.99 1.65 -0.01
BARRETT_IC_4 23707	25.30 1.58 -1.09	24.43 1.35 -2.22	25.89 1.27 -4.52	22.77 1.24 -1.52	23.85 1.38 -1.49	28.28 1.70 -1.86	34.85 2.40 0.00	34.54 2.50 0.00	28.63 1.82 0.00	22.91 1.42 0.00	21.01 1.27 0.00	20.62 1.29 -0.01	20.57 1.18 0.00	20.32 1.22 0.00	20.22 1.23 0.00	20.13 1.33 -0.01	21.10 1.45 -0.01	24.64 1.87 -0.01	28.29 2.05 0.00	34.06 2.73 0.00	33.43 2.81 -0.01	30.72 2.17 0.00	26.59 1.85 -2.37	21.99 1.65 -0.01



BARRETT_IC_5 23708	25.30 1.58 -1.09	24.43 1.35 -2.22	25.89 1.27 -4.52	22.77 1.24 -1.52	23.85 1.38 -1.49	28.28 1.70 -1.86	34.85 2.40 0.00	34.54 2.50 0.00	28.63 1.82 0.00	22.91 1.42 0.00	21.01 1.27 0.00	20.62 1.29 -0.01	20.57 1.18 0.00	20.32 1.22 0.00	20.22 1.23 0.00	20.13 1.33 -0.01	21.10 1.45 -0.01	24.64 1.87 -0.01	28.29 2.05 0.00	34.06 2.73 0.00	33.43 2.81 -0.01	30.72 2.17 0.00	26.59 1.85 -2.37	21.99 1.65 -0.01
BARRETT_IC_6 23709	25.30 1.58 -1.09	24.43 1.35 -2.22	25.89 1.27 -4.52	22.77 1.24 -1.52	23.85 1.38 -1.49	28.28 1.70 -1.86	34.85 2.40 0.00	34.54 2.50 0.00	28.63 1.82 0.00	22.91 1.42 0.00	21.01 1.27 0.00	20.62 1.29 -0.01	20.57 1.18 0.00	20.32 1.22 0.00	20.22 1.23 0.00	20.13 1.33 -0.01	21.10 1.45 -0.01	24.64 1.87 -0.01	28.29 2.05 0.00	34.06 2.73 0.00	33.43 2.81 -0.01	30.72 2.17 0.00	26.59 1.85 -2.37	21.99 1.65 -0.01
BARRETT_IC_7 23710	25.29 1.58 -1.08	24.42 1.36 -2.21	25.94 1.33 -4.52	22.86 1.34 -1.52	23.84 1.38 -1.48	28.22 1.66 -1.85	34.73 2.27 0.00	34.35 2.31 0.00	28.57 1.77 0.00	22.91 1.42 0.00	21.01 1.26 0.00	20.62 1.29 -0.01	20.57 1.18 0.00	20.31 1.22 0.00	20.24 1.25 0.00	20.13 1.33 -0.01	21.09 1.45 0.00	24.63 1.87 0.00	28.34 2.10 0.00	34.10 2.76 0.00	33.48 2.88 0.00	30.75 2.20 0.00	26.51 1.79 -2.36	22.02 1.69 0.00
BARRETT_IC_8 23711	25.30 1.58 -1.09	24.43 1.35 -2.22	25.89 1.27 -4.52	22.77 1.24 -1.52	23.85 1.38 -1.49	28.28 1.70 -1.86	34.85 2.40 0.00	34.54 2.50 0.00	28.63 1.82 0.00	22.91 1.42 0.00	21.01 1.27 0.00	20.62 1.29 -0.01	20.57 1.18 0.00	20.32 1.22 0.00	20.22 1.23 0.00	20.13 1.33 -0.01	21.10 1.45 -0.01	24.64 1.87 -0.01	28.29 2.05 0.00	34.06 2.73 0.00	33.43 2.81 -0.01	30.72 2.17 0.00	26.59 1.85 -2.37	21.99 1.65 -0.01
BARRETT_IC_9 23700	25.30 1.58 -1.09	24.43 1.35 -2.22	25.89 1.27 -4.52	22.77 1.24 -1.52	23.85 1.38 -1.49	28.28 1.70 -1.86	34.85 2.40 0.00	34.54 2.50 0.00	28.63 1.82 0.00	22.91 1.42 0.00	21.01 1.27 0.00	20.62 1.29 -0.01	20.57 1.18 0.00	20.32 1.22 0.00	20.22 1.23 0.00	20.13 1.33 -0.01	21.10 1.45 -0.01	24.64 1.87 -0.01	28.29 2.05 0.00	34.06 2.73 0.00	33.43 2.81 -0.01	30.72 2.17 0.00	26.59 1.85 -2.37	21.99 1.65 -0.01
BARRETT___1 23545	25.30 1.58 -1.09	24.43 1.35 -2.22	25.89 1.27 -4.52	22.77 1.24 -1.52	23.85 1.38 -1.49	28.28 1.70 -1.86	34.85 2.40 0.00	34.54 2.50 0.00	28.63 1.82 0.00	22.91 1.42 0.00	21.01 1.27 0.00	20.62 1.29 -0.01	20.57 1.18 0.00	20.32 1.22 0.00	20.22 1.23 0.00	20.13 1.33 -0.01	21.10 1.45 -0.01	24.64 1.87 -0.01	28.29 2.05 0.00	34.06 2.73 0.00	33.43 2.81 -0.01	30.72 2.17 0.00	26.59 1.85 -2.37	21.99 1.65 -0.01
BARRETT___2 23546	25.30 1.58 -1.09	24.43 1.35 -2.22	25.89 1.27 -4.52	22.77 1.24 -1.52	23.85 1.38 -1.49	28.28 1.70 -1.86	34.85 2.40 0.00	34.54 2.50 0.00	28.63 1.82 0.00	22.91 1.42 0.00	21.01 1.27 0.00	20.62 1.29 -0.01	20.57 1.18 0.00	20.32 1.22 0.00	20.22 1.23 0.00	20.13 1.33 -0.01	21.10 1.45 -0.01	24.64 1.87 -0.01	28.29 2.05 0.00	34.06 2.73 0.00	33.43 2.81 -0.01	30.72 2.17 0.00	26.59 1.85 -2.37	21.99 1.65 -0.01
BATAVIA___115KV_TB1 55881	23.23 0.61 0.00	21.23 0.38 0.00	20.14 0.04 0.00	19.95 -0.06 0.00	21.13 0.15 0.00	24.84 0.12 0.00	32.42 -0.03 0.00	32.84 0.80 0.00	27.13 0.32 0.00	21.79 0.30 0.00	20.05 0.30 0.00	19.54 0.23 0.00	19.76 0.37 0.00	19.42 0.32 0.00	19.06 0.08 0.00	18.70 -0.09 0.00	19.58 -0.06 0.00	22.52 -0.25 0.00	25.77 -0.47 0.00	30.81 -0.53 0.00	30.27 -0.34 0.00	27.78 -0.77 0.00	21.93 -0.42 0.00	19.84 -0.49 0.00
BAYONEEC___CTG1 323682	24.03 1.40 0.00	22.02 1.17 0.00	21.16 1.06 0.00	21.05 1.04 0.00	22.15 1.17 0.00	26.15 1.43 0.00	34.95 2.50 0.00	34.61 2.56 0.00	28.60 1.80 0.00	22.99 1.50 0.00	21.07 1.32 0.00	21.14 1.35 -0.48	20.65 1.26 0.00	20.44 1.32 -0.03	20.36 1.35 -0.03	20.41 1.39 -0.23	21.07 1.43 0.00	24.56 1.80 0.00	28.29 2.05 0.00	34.25 2.92 0.00	33.48 2.88 0.00	30.78 2.23 0.00	24.04 1.68 0.00	21.84 1.50 0.00
BAYONEEC___CTG10 323750	24.03 1.40 0.00	22.02 1.17 0.00	21.16 1.06 0.00	21.05 1.04 0.00	22.15 1.17 0.00	26.15 1.43 0.00	34.95 2.50 0.00	34.61 2.56 0.00	28.60 1.80 0.00	22.99 1.50 0.00	21.07 1.32 0.00	21.14 1.35 -0.48	20.65 1.26 0.00	20.44 1.32 -0.03	20.36 1.35 -0.03	20.41 1.39 -0.23	21.07 1.43 0.00	24.56 1.80 0.00	28.29 2.05 0.00	34.25 2.92 0.00	33.48 2.88 0.00	30.78 2.23 0.00	24.04 1.68 0.00	21.84 1.50 0.00
BAYONEEC___CTG2 323683	24.03 1.40 0.00	22.02 1.17 0.00	21.16 1.06 0.00	21.05 1.04 0.00	22.15 1.17 0.00	26.15 1.43 0.00	34.95 2.50 0.00	34.61 2.56 0.00	28.60 1.80 0.00	22.99 1.50 0.00	21.07 1.32 0.00	21.14 1.35 -0.48	20.65 1.26 0.00	20.44 1.32 -0.03	20.36 1.35 -0.03	20.41 1.39 -0.23	21.07 1.43 0.00	24.56 1.80 0.00	28.29 2.05 0.00	34.25 2.92 0.00	33.48 2.88 0.00	30.78 2.23 0.00	24.04 1.68 0.00	21.84 1.50 0.00
BAYONEEC___CTG3 323684	24.03 1.40 0.00	22.02 1.17 0.00	21.16 1.06 0.00	21.05 1.04 0.00	22.15 1.17 0.00	26.15 1.43 0.00	34.95 2.50 0.00	34.61 2.56 0.00	28.60 1.80 0.00	22.99 1.50 0.00	21.07 1.32 0.00	21.14 1.35 -0.48	20.65 1.26 0.00	20.44 1.32 -0.03	20.36 1.35 -0.03	20.41 1.39 -0.23	21.07 1.43 0.00	24.56 1.80 0.00	28.29 2.05 0.00	34.25 2.92 0.00	33.48 2.88 0.00	30.78 2.23 0.00	24.04 1.68 0.00	21.84 1.50 0.00
BAYONEEC___CTG4 323685	24.03 1.40 0.00	22.02 1.17 0.00	21.16 1.06 0.00	21.05 1.04 0.00	22.15 1.17 0.00	26.15 1.43 0.00	34.95 2.50 0.00	34.61 2.56 0.00	28.60 1.80 0.00	22.99 1.50 0.00	21.07 1.32 0.00	21.14 1.35 -0.48	20.65 1.26 0.00	20.44 1.32 -0.03	20.36 1.35 -0.03	20.41 1.39 -0.23	21.07 1.43 0.00	24.56 1.80 0.00	28.29 2.05 0.00	34.25 2.92 0.00	33.48 2.88 0.00	30.78 2.23 0.00	24.04 1.68 0.00	21.84 1.50 0.00
BAYONEEC___CTG5 323686	24.03 1.40 0.00	22.02 1.17 0.00	21.16 1.06 0.00	21.05 1.04 0.00	22.15 1.17 0.00	26.15 1.43 0.00	34.95 2.50 0.00	34.61 2.56 0.00	28.60 1.80 0.00	22.99 1.50 0.00	21.07 1.32 0.00	21.14 1.35 -0.48	20.65 1.26 0.00	20.44 1.32 -0.03	20.36 1.35 -0.03	20.41 1.39 -0.23	21.07 1.43 0.00	24.56 1.80 0.00	28.29 2.05 0.00	34.25 2.92 0.00	33.48 2.88 0.00	30.78 2.23 0.00	24.04 1.68 0.00	21.84 1.50 0.00
BAYONEEC___CTG6 323687	24.03 1.40 0.00	22.02 1.17 0.00	21.16 1.06 0.00	21.05 1.04 0.00	22.15 1.17 0.00	26.15 1.43 0.00	34.95 2.50 0.00	34.61 2.56 0.00	28.60 1.80 0.00	22.99 1.50 0.00	21.07 1.32 0.00	21.14 1.35 -0.48	20.65 1.26 0.00	20.44 1.32 -0.03	20.36 1.35 -0.03	20.41 1.39 -0.23	21.07 1.43 0.00	24.56 1.80 0.00	28.29 2.05 0.00	34.25 2.92 0.00	33.48 2.88 0.00	30.78 2.23 0.00	24.04 1.68 0.00	21.84 1.50 0.00



BAYONEEC___CTG7 323688	24.03 1.40 0.00	22.02 1.17 0.00	21.16 1.06 0.00	21.05 1.04 0.00	22.15 1.17 0.00	26.15 1.43 0.00	34.95 2.50 0.00	34.61 2.56 0.00	28.60 1.80 0.00	22.99 1.50 0.00	21.07 1.32 0.00	21.14 1.35 -0.48	20.65 1.26 0.00	20.44 1.32 -0.03	20.36 1.35 -0.03	20.41 1.39 -0.23	21.07 1.43 0.00	24.56 1.80 0.00	28.29 2.05 0.00	34.25 2.92 0.00	33.48 2.88 0.00	30.78 2.23 0.00	24.04 1.68 0.00	21.84 1.50 0.00
BAYONEEC___CTG8 323689	24.03 1.40 0.00	22.02 1.17 0.00	21.16 1.06 0.00	21.05 1.04 0.00	22.15 1.17 0.00	26.15 1.43 0.00	34.95 2.50 0.00	34.61 2.56 0.00	28.60 1.80 0.00	22.99 1.50 0.00	21.07 1.32 0.00	21.14 1.35 -0.48	20.65 1.26 0.00	20.44 1.32 -0.03	20.36 1.35 -0.03	20.41 1.39 -0.23	21.07 1.43 0.00	24.56 1.80 0.00	28.29 2.05 0.00	34.25 2.92 0.00	33.48 2.88 0.00	30.78 2.23 0.00	24.04 1.68 0.00	21.84 1.50 0.00
BAYONEEC___CTG9 323749	24.03 1.40 0.00	22.02 1.17 0.00	21.16 1.06 0.00	21.05 1.04 0.00	22.15 1.17 0.00	26.15 1.43 0.00	34.95 2.50 0.00	34.61 2.56 0.00	28.60 1.80 0.00	22.99 1.50 0.00	21.07 1.32 0.00	21.14 1.35 -0.48	20.65 1.26 0.00	20.44 1.32 -0.03	20.36 1.35 -0.03	20.41 1.39 -0.23	21.07 1.43 0.00	24.56 1.80 0.00	28.29 2.05 0.00	34.25 2.92 0.00	33.48 2.88 0.00	30.78 2.23 0.00	24.04 1.68 0.00	21.84 1.50 0.00
BEACON___LESR 323632	22.83 0.20 0.00	21.10 0.25 0.00	20.34 0.24 0.00	20.25 0.24 0.00	21.21 0.23 0.00	24.97 0.25 0.00	33.07 0.62 0.00	32.49 0.45 0.00	26.91 0.11 0.00	21.53 0.04 0.00	19.81 0.06 0.00	19.39 0.08 0.00	19.45 0.06 0.00	19.13 0.04 0.00	19.08 0.10 0.00	18.90 0.11 0.00	19.78 0.14 0.00	23.06 0.30 0.00	26.58 0.34 0.00	32.12 0.78 0.00	31.37 0.77 0.00	29.06 0.51 0.00	22.78 0.42 0.00	20.72 0.39 0.00
BEAVER RIVER___HYD 24048	22.53 -0.09 0.00	20.81 -0.04 0.00	20.04 -0.06 0.00	19.97 -0.04 0.00	20.94 -0.04 0.00	24.72 0.00 0.00	32.68 0.23 0.00	32.14 0.10 0.00	26.64 -0.16 0.00	21.30 -0.19 0.00	19.47 -0.28 0.00	18.96 -0.35 0.00	19.10 -0.29 0.00	18.75 -0.34 0.00	18.68 -0.30 0.00	18.47 -0.32 0.00	19.23 -0.41 0.00	22.33 -0.43 0.00	25.88 -0.37 0.00	31.09 -0.25 0.00	30.48 -0.12 0.00	28.43 -0.11 0.00	22.20 -0.16 0.00	20.07 -0.26 0.00
BEEBEE_GT_13 23619	22.89 0.27 0.00	20.96 0.10 0.00	19.96 -0.14 0.00	19.79 -0.22 0.00	20.90 -0.08 0.00	24.59 -0.12 0.00	32.16 -0.29 0.00	32.39 0.35 0.00	26.86 0.05 0.00	21.57 0.09 0.00	19.85 0.10 0.00	19.39 0.08 0.00	19.58 0.19 0.00	19.23 0.13 0.00	18.93 -0.06 0.00	18.60 -0.19 0.00	19.46 -0.18 0.00	22.42 -0.34 0.00	25.74 -0.50 0.00	30.78 -0.56 0.00	30.18 -0.43 0.00	27.83 -0.71 0.00	21.89 -0.47 0.00	19.84 -0.49 0.00
BENSHRST_27_KV_BENSHRST_1 355998	24.37 1.74 -0.01	22.32 1.46 -0.01	21.51 1.41 -0.01	21.41 1.40 -0.01	22.43 1.45 -0.01	26.42 1.71 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.87 2.06 0.00	23.21 1.72 0.00	21.27 1.52 0.00	21.34 1.49 -0.54	20.86 1.47 0.00	20.65 1.53 -0.03	20.55 1.54 -0.03	20.57 1.52 -0.25	21.31 1.67 0.00	24.86 2.09 0.00	28.66 2.41 0.00	34.66 3.32 0.00	33.85 3.24 0.00	31.17 2.63 0.00	24.26 1.90 0.00	22.17 1.83 -0.01
BETHLEHEM___GRP 23843	22.42 -0.20 0.00	20.75 -0.10 0.00	20.06 -0.04 0.00	19.99 -0.02 0.00	20.87 -0.10 0.00	24.52 -0.20 0.00	32.39 -0.06 0.00	31.85 -0.19 0.00	26.46 -0.35 0.00	21.25 -0.24 0.00	19.55 -0.20 0.00	19.17 -0.14 0.00	19.21 -0.17 0.00	18.90 -0.19 0.00	18.85 -0.13 0.00	18.68 -0.11 0.00	19.54 -0.10 0.00	22.77 0.00 0.00	26.22 -0.03 0.00	31.59 0.25 0.00	30.85 0.24 0.00	28.61 0.06 0.00	22.43 0.07 0.00	20.45 0.12 0.00
BETHLEHEM___GS1 323560	22.42 -0.20 0.00	20.75 -0.10 0.00	20.00 -0.10 0.00	19.89 -0.12 0.00	20.85 -0.13 0.00	24.52 -0.20 0.00	32.42 -0.03 0.00	31.91 -0.13 0.00	26.45 -0.35 0.00	21.25 -0.24 0.00	19.55 -0.20 0.00	19.17 -0.13 0.00	19.21 -0.17 0.00	18.90 -0.19 0.00	18.85 -0.13 0.00	18.68 -0.11 0.00	19.54 -0.10 0.00	22.77 0.00 0.00	26.22 -0.03 0.00	31.62 0.28 0.00	30.85 0.24 0.00	28.61 0.06 0.00	22.47 0.11 0.00	20.43 0.10 0.00
BETHLEHEM___GS2 323561	22.42 -0.20 0.00	20.75 -0.10 0.00	20.00 -0.10 0.00	19.89 -0.12 0.00	20.85 -0.13 0.00	24.52 -0.20 0.00	32.42 -0.03 0.00	31.91 -0.13 0.00	26.45 -0.35 0.00	21.25 -0.24 0.00	19.55 -0.20 0.00	19.17 -0.13 0.00	19.21 -0.17 0.00	18.90 -0.19 0.00	18.85 -0.13 0.00	18.68 -0.11 0.00	19.54 -0.10 0.00	22.77 0.00 0.00	26.22 -0.03 0.00	31.62 0.28 0.00	30.85 0.24 0.00	28.61 0.06 0.00	22.47 0.11 0.00	20.43 0.10 0.00
BETHLEHEM___GS3 323562	22.42 -0.20 0.00	20.75 -0.10 0.00	20.00 -0.10 0.00	19.89 -0.12 0.00	20.85 -0.13 0.00	24.52 -0.20 0.00	32.42 -0.03 0.00	31.91 -0.13 0.00	26.45 -0.35 0.00	21.25 -0.24 0.00	19.55 -0.20 0.00	19.17 -0.13 0.00	19.21 -0.17 0.00	18.90 -0.19 0.00	18.85 -0.13 0.00	18.68 -0.11 0.00	19.54 -0.10 0.00	22.77 0.00 0.00	26.22 -0.03 0.00	31.62 0.28 0.00	30.85 0.24 0.00	28.61 0.06 0.00	22.47 0.11 0.00	20.43 0.10 0.00
BETHLEHEM___STEEL 23779	23.30 0.68 0.00	21.31 0.46 0.00	20.22 0.12 0.00	20.03 0.02 0.00	21.21 0.23 0.00	24.97 0.25 0.00	32.49 0.03 0.00	32.81 0.77 0.00	27.10 0.29 0.00	21.83 0.34 0.00	20.13 0.38 0.00	19.62 0.31 0.00	19.85 0.47 0.00	19.53 0.44 0.00	19.21 0.23 0.00	18.83 0.04 0.00	19.70 0.06 0.00	22.61 -0.16 0.00	25.82 -0.42 0.00	30.84 -0.50 0.00	30.15 -0.46 0.00	27.81 -0.74 0.00	21.98 -0.38 0.00	19.93 -0.41 0.00
BETHLHEM_115KV_TB1 79974	22.44 -0.18 0.00	20.77 -0.08 0.00	20.08 -0.02 0.00	20.01 0.00 0.00	20.87 -0.10 0.00	24.52 -0.20 0.00	32.42 -0.03 0.00	31.88 -0.16 0.00	26.48 -0.32 0.00	21.27 -0.21 0.00	19.57 -0.18 0.00	19.19 -0.12 0.00	19.23 -0.16 0.00	18.92 -0.17 0.00	18.85 -0.13 0.00	18.68 -0.11 0.00	19.54 -0.10 0.00	22.83 0.07 0.00	26.32 0.08 0.00	31.72 0.38 0.00	30.97 0.37 0.00	28.72 0.17 0.00	22.49 0.13 0.00	20.51 0.18 0.00
BETHPAGE_CC_5 323564	25.52 1.81 -1.09	24.64 1.56 -2.22	26.07 1.45 -4.52	22.97 1.44 -1.52	24.06 1.59 -1.49	28.56 1.95 -1.89	35.32 2.73 -0.14	34.89 2.82 -0.02	28.84 2.04 0.00	23.12 1.63 0.00	21.19 1.44 0.00	20.81 1.49 -0.01	20.75 1.36 0.00	20.51 1.41 0.00	20.39 1.40 0.00	20.32 1.52 -0.01	21.37 1.69 -0.04	24.96 2.14 -0.05	28.56 2.26 -0.06	34.35 3.01 0.00	33.77 3.15 -0.01	30.92 2.37 0.00	26.86 2.06 -2.45	22.23 1.79 -0.11
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	23.35 0.72 0.00	21.35 0.50 0.00	20.28 0.18 0.00	20.09 0.08 0.00	21.27 0.29 0.00	25.04 0.32 0.00	32.62 0.16 0.00	32.94 0.90 0.00	27.18 0.38 0.00	21.90 0.41 0.00	20.18 0.43 0.00	19.68 0.37 0.00	19.91 0.52 0.00	19.59 0.50 0.00	19.27 0.28 0.00	18.88 0.09 0.00	19.76 0.12 0.00	22.68 -0.09 0.00	25.90 -0.34 0.00	30.93 -0.41 0.00	30.24 -0.37 0.00	27.89 -0.66 0.00	22.05 -0.31 0.00	19.97 -0.37 0.00



BINGHAMTON___COGEN 23790	23.14 0.52 0.00	21.27 0.42 0.00	20.44 0.34 0.00	20.33 0.32 0.00	21.38 0.40 0.00	25.19 0.47 0.00	33.20 0.75 0.00	33.00 0.96 0.00	27.37 0.56 0.00	21.92 0.43 0.00	20.13 0.38 0.00	19.66 0.35 0.00	19.76 0.37 0.00	19.45 0.36 0.00	19.29 0.30 0.00	19.05 0.26 0.00	19.91 0.27 0.00	23.06 0.30 0.00	26.58 0.34 0.00	31.90 0.56 0.00	31.16 0.55 0.00	28.89 0.34 0.00	22.65 0.29 0.00	20.58 0.24 0.00
BIXINCNT_115KV_LOAD 355685	23.57 0.95 0.00	21.56 0.71 0.00	20.48 0.38 0.00	20.31 0.30 0.00	21.48 0.50 0.00	25.31 0.59 0.00	33.07 0.62 0.00	33.36 1.31 0.00	27.45 0.64 0.00	22.13 0.64 0.00	20.34 0.59 0.00	19.81 0.50 0.00	20.11 0.72 0.00	19.80 0.71 0.00	19.50 0.51 0.00	19.11 0.32 0.00	20.01 0.37 0.00	22.90 0.14 0.00	26.19 -0.05 0.00	31.37 0.03 0.00	30.51 -0.09 0.00	28.15 -0.40 0.00	22.05 -0.31 0.00	19.82 -0.51 0.00
BLACK RIVER___HYD 24047	22.49 -0.13 0.00	20.73 -0.12 0.00	19.98 -0.12 0.00	19.89 -0.12 0.00	20.85 -0.13 0.00	24.64 -0.07 0.00	32.74 0.29 0.00	32.20 0.16 0.00	26.56 -0.24 0.00	21.23 -0.26 0.00	19.41 -0.34 0.00	18.90 -0.41 0.00	19.02 -0.37 0.00	18.69 -0.40 0.00	18.60 -0.38 0.00	18.39 -0.40 0.00	19.09 -0.55 0.00	22.20 -0.57 0.00	25.77 -0.47 0.00	31.06 -0.28 0.00	30.51 -0.09 0.00	28.35 -0.20 0.00	22.14 -0.22 0.00	19.99 -0.35 0.00
BLACKRVR_115KV_TB2 79977	22.49 -0.14 0.00	20.73 -0.13 0.00	19.96 -0.14 0.00	19.87 -0.14 0.00	20.85 -0.13 0.00	24.64 -0.07 0.00	32.71 0.26 0.00	32.20 0.16 0.00	26.56 -0.24 0.00	21.23 -0.26 0.00	19.41 -0.34 0.00	18.90 -0.41 0.00	19.02 -0.37 0.00	18.69 -0.40 0.00	18.60 -0.38 0.00	18.40 -0.39 0.00	19.09 -0.55 0.00	22.20 -0.57 0.00	25.77 -0.47 0.00	31.06 -0.28 0.00	30.51 -0.09 0.00	28.35 -0.20 0.00	22.16 -0.20 0.00	19.99 -0.35 0.00
BLISS_WT_PWR 323608	23.57 0.95 0.00	21.54 0.69 0.00	20.92 0.82 0.00	20.85 0.84 0.00	21.50 0.52 0.00	25.44 0.72 0.00	33.59 1.14 0.00	33.36 1.31 0.00	27.34 0.54 0.00	22.11 0.62 0.00	20.30 0.55 0.00	19.79 0.48 0.00	20.09 0.70 0.00	19.80 0.71 0.00	19.48 0.49 0.00	19.11 0.32 0.00	19.99 0.35 0.00	22.86 0.09 0.00	26.17 -0.08 0.00	31.34 0.00 0.00	30.45 -0.15 0.00	28.09 -0.46 0.00	21.96 -0.40 0.00	19.84 -0.49 0.00
BLUESTONE___WT_PWR 323821	24.39 1.77 0.00	22.46 1.61 0.00	21.65 1.55 0.00	21.57 1.56 0.00	22.57 1.59 0.00	26.70 1.98 0.00	35.57 3.12 0.00	35.02 2.98 0.00	28.68 1.88 0.00	22.82 1.33 0.00	20.80 1.05 0.00	20.22 0.91 0.00	20.40 1.01 0.00	20.08 0.99 0.00	19.97 0.99 0.00	19.71 0.92 0.00	20.62 0.98 0.00	24.02 1.25 0.00	27.87 1.63 0.00	33.72 2.38 0.00	32.96 2.36 0.00	30.55 2.00 0.00	23.95 1.59 0.00	21.61 1.28 0.00
BLUE_CIRC_CHEM_DRP 24182	22.92 0.29 0.00	21.17 0.31 0.00	20.42 0.32 0.00	20.35 0.34 0.00	21.29 0.31 0.00	25.04 0.32 0.00	33.04 0.58 0.00	32.43 0.38 0.00	26.88 0.08 0.00	21.47 -0.02 0.00	19.71 -0.04 0.00	19.27 -0.04 0.00	19.33 -0.06 0.00	19.02 -0.08 0.00	18.97 -0.02 0.00	18.81 0.02 0.00	19.72 0.08 0.00	22.95 0.18 0.00	26.53 0.29 0.00	32.00 0.66 0.00	31.25 0.64 0.00	29.01 0.46 0.00	22.69 0.34 0.00	20.70 0.37 0.00
BOC_GAS_DRP 24189	22.85 0.23 0.00	21.08 0.23 0.00	20.34 0.24 0.00	20.25 0.24 0.00	21.21 0.23 0.00	24.97 0.25 0.00	33.01 0.55 0.00	32.52 0.48 0.00	27.02 0.21 0.00	21.64 0.15 0.00	19.89 0.14 0.00	19.48 0.17 0.00	19.52 0.14 0.00	19.24 0.15 0.00	19.16 0.17 0.00	18.98 0.19 0.00	19.86 0.22 0.00	23.06 0.30 0.00	26.58 0.34 0.00	32.03 0.69 0.00	31.28 0.67 0.00	29.01 0.46 0.00	22.69 0.34 0.00	20.68 0.35 0.00
BOONVILLE_115KV_TB1 79983	23.14 0.52 0.00	21.35 0.50 0.00	20.54 0.44 0.00	20.47 0.46 0.00	21.46 0.48 0.00	25.34 0.62 0.00	33.52 1.07 0.00	33.04 0.99 0.00	27.34 0.54 0.00	21.83 0.34 0.00	19.99 0.24 0.00	19.46 0.15 0.00	19.60 0.21 0.00	19.30 0.21 0.00	19.19 0.21 0.00	18.98 0.19 0.00	19.82 0.18 0.00	22.99 0.23 0.00	26.61 0.37 0.00	32.00 0.66 0.00	31.31 0.70 0.00	29.12 0.57 0.00	22.78 0.42 0.00	20.60 0.26 0.00
BORALEX_4TH_BRANCH 23824	23.17 0.54 0.00	21.44 0.58 0.00	20.66 0.56 0.00	20.59 0.58 0.00	21.61 0.63 0.00	25.48 0.77 0.00	33.88 1.43 0.00	33.39 1.35 0.00	27.47 0.67 0.00	21.77 0.28 0.00	19.99 0.24 0.00	19.58 0.27 0.00	19.60 0.21 0.00	19.30 0.21 0.00	19.25 0.27 0.00	19.07 0.28 0.00	19.99 0.35 0.00	23.43 0.66 0.00	27.08 0.84 0.00	32.94 1.60 0.00	32.04 1.44 0.00	29.75 1.20 0.00	23.23 0.87 0.00	21.15 0.81 0.00
BOWLINE___1 23526	23.66 1.04 0.00	21.75 0.90 0.00	20.92 0.82 0.00	20.81 0.80 0.00	21.90 0.92 0.00	25.88 1.16 0.00	34.43 1.98 0.00	34.12 2.08 0.00	28.20 1.39 0.00	22.58 1.10 0.00	20.72 0.97 0.00	20.27 0.97 0.00	20.30 0.91 0.00	20.05 0.95 0.00	19.97 0.99 0.00	19.82 1.03 0.00	20.70 1.06 0.00	24.16 1.39 0.00	27.87 1.63 0.00	33.66 2.32 0.00	32.90 2.30 0.00	30.35 1.80 0.00	23.75 1.39 0.00	21.55 1.22 0.00
BOWLINE___2 23595	23.66 1.04 0.00	21.75 0.90 0.00	20.92 0.82 0.00	20.81 0.80 0.00	21.90 0.92 0.00	25.88 1.16 0.00	34.43 1.98 0.00	34.12 2.08 0.00	28.20 1.39 0.00	22.58 1.10 0.00	20.72 0.97 0.00	20.27 0.97 0.00	20.30 0.91 0.00	20.05 0.95 0.00	19.97 0.99 0.00	19.82 1.03 0.00	20.70 1.06 0.00	24.16 1.39 0.00	27.87 1.63 0.00	33.66 2.32 0.00	32.90 2.30 0.00	30.35 1.80 0.00	23.75 1.39 0.00	21.55 1.22 0.00
BRADY___115KV_TB2 356060	22.44 -0.18 0.00	20.77 -0.08 0.00	20.02 -0.08 0.00	19.95 -0.06 0.00	20.92 -0.06 0.00	24.69 -0.02 0.00	32.13 -0.32 0.00	31.66 -0.38 0.00	26.64 -0.16 0.00	21.30 -0.19 0.00	19.51 -0.24 0.00	19.06 -0.25 0.00	19.18 -0.21 0.00	18.82 -0.27 0.00	18.76 -0.23 0.00	18.53 -0.26 0.00	19.38 -0.26 0.00	22.52 -0.25 0.00	26.03 -0.21 0.00	30.78 -0.56 0.00	30.06 -0.55 0.00	28.29 -0.26 0.00	22.20 -0.16 0.00	20.11 -0.22 0.00
BRANSCOMB___SOLAR 323811	23.21 0.59 0.00	21.44 0.58 0.00	20.62 0.52 0.00	20.53 0.52 0.00	21.55 0.57 0.00	25.41 0.69 0.00	33.72 1.26 0.00	33.00 0.96 0.00	27.26 0.46 0.00	21.70 0.21 0.00	19.91 0.16 0.00	19.44 0.14 0.00	19.54 0.15 0.00	19.17 0.08 0.00	19.14 0.15 0.00	18.96 0.17 0.00	19.84 0.20 0.00	23.18 0.41 0.00	26.90 0.66 0.00	32.63 1.29 0.00	31.89 1.29 0.00	29.52 0.97 0.00	23.07 0.72 0.00	20.94 0.61 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	25.67 1.97 -1.08	24.76 1.69 -2.21	26.22 1.61 -4.52	23.16 1.64 -1.52	24.18 1.72 -1.48	28.89 2.05 -2.12	36.16 2.60 -1.11	35.65 2.56 -1.04	28.84 2.04 0.00	23.23 1.74 0.00	21.25 1.50 0.00	20.87 1.54 -0.01	20.78 1.40 0.00	20.52 1.43 0.00	20.45 1.46 0.00	20.41 1.62 -0.01	21.67 1.75 -0.28	25.34 2.23 -0.35	29.06 2.31 -0.51	35.37 3.07 -0.96	34.91 3.24 -1.06	31.92 2.46 -0.92	27.46 2.12 -2.97	23.14 2.01 -0.80



BRISTLHL_115KV_TB1 79998	22.19 -0.43 0.00	20.44 -0.42 0.00	19.68 -0.42 0.00	19.59 -0.42 0.00	20.54 -0.44 0.00	24.20 -0.52 0.00	31.90 -0.55 0.00	31.56 -0.48 0.00	26.29 -0.51 0.00	21.10 -0.39 0.00	19.41 -0.34 0.00	18.98 -0.33 0.00	19.06 -0.33 0.00	18.77 -0.32 0.00	18.62 -0.36 0.00	18.41 -0.38 0.00	19.25 -0.39 0.00	22.20 -0.57 0.00	25.61 -0.63 0.00	30.68 -0.66 0.00	29.99 -0.61 0.00	27.86 -0.69 0.00	21.82 -0.54 0.00	19.84 -0.49 0.00
BROOKHAVEN___DRP 24191	25.65 1.95 -1.08	24.73 1.67 -2.21	26.20 1.59 -4.52	23.18 1.66 -1.52	24.20 1.74 -1.48	30.99 2.10 -4.17	44.85 2.73 -9.67	44.79 2.72 -10.02	28.76 1.96 0.00	23.23 1.74 0.00	21.23 1.48 0.00	20.85 1.53 -0.01	20.73 1.34 0.00	20.47 1.37 0.00	20.37 1.39 0.00	20.41 1.62 -0.01	23.89 1.79 -2.46	28.10 2.30 -3.03	33.04 2.39 -4.41	43.94 3.17 -9.43	44.33 3.34 -10.39	40.07 2.54 -8.98	32.24 2.19 -7.69	29.34 2.07 -6.93
BROOKLYN_NAVY_YARD 23515	24.05 1.43 0.00	22.02 1.17 0.00	21.14 1.04 0.00	21.05 1.04 0.00	22.13 1.15 0.00	26.15 1.43 0.00	34.95 2.50 0.00	34.61 2.56 0.00	28.65 1.85 0.00	22.99 1.50 0.00	21.09 1.34 0.00	21.14 1.35 -0.48	20.67 1.28 0.00	20.46 1.34 -0.03	20.36 1.35 -0.03	20.43 1.41 -0.23	21.09 1.45 0.00	24.61 1.84 0.00	28.34 2.10 0.00	34.28 2.95 0.00	33.52 2.91 0.00	30.83 2.28 0.00	24.06 1.70 0.00	21.86 1.53 0.00
BROOKLYN___ARMY_DRP 323595	24.28 1.65 -0.01	22.24 1.38 -0.01	21.45 1.35 -0.01	21.35 1.34 -0.01	22.37 1.38 -0.01	26.33 1.61 0.00	35.08 2.63 0.00	34.67 2.63 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.26 1.41 -0.54	20.78 1.40 0.00	20.57 1.45 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.55 2.31 0.00	34.51 3.17 0.00	33.73 3.12 0.00	31.06 2.51 0.00	24.19 1.83 0.00	22.09 1.75 -0.01
BROOKVLE_69_KV_TB1 55790	25.54 1.83 -1.08	24.65 1.58 -2.21	26.14 1.53 -4.52	23.06 1.54 -1.52	24.05 1.59 -1.48	28.51 1.93 -1.87	35.28 2.76 -0.07	34.84 2.79 -0.01	28.87 2.06 0.00	23.14 1.65 0.00	21.23 1.48 0.00	20.87 1.54 -0.01	20.82 1.43 0.00	20.56 1.47 0.00	20.47 1.48 0.00	20.37 1.58 -0.01	21.36 1.71 -0.02	24.93 2.14 -0.02	28.69 2.41 -0.03	34.60 3.26 0.00	33.97 3.37 0.00	31.15 2.60 0.00	26.79 2.03 -2.40	22.29 1.91 -0.05
BROOME_2_LFGE 323671	23.14 0.52 0.00	21.27 0.42 0.00	20.54 0.44 0.00	20.45 0.44 0.00	21.38 0.40 0.00	25.26 0.54 0.00	33.40 0.94 0.00	33.04 0.99 0.00	27.34 0.54 0.00	21.92 0.43 0.00	20.12 0.37 0.00	19.66 0.35 0.00	19.76 0.37 0.00	19.45 0.36 0.00	19.29 0.30 0.00	19.05 0.26 0.00	19.91 0.27 0.00	23.06 0.30 0.00	26.61 0.37 0.00	31.90 0.56 0.00	31.16 0.55 0.00	28.89 0.34 0.00	22.67 0.31 0.00	20.62 0.28 0.00
BROOME___LFGE 323600	23.14 0.52 0.00	21.27 0.42 0.00	20.54 0.44 0.00	20.45 0.44 0.00	21.38 0.40 0.00	25.26 0.54 0.00	33.40 0.94 0.00	33.04 0.99 0.00	27.34 0.54 0.00	21.92 0.43 0.00	20.12 0.37 0.00	19.66 0.35 0.00	19.76 0.37 0.00	19.45 0.36 0.00	19.29 0.30 0.00	19.05 0.26 0.00	19.91 0.27 0.00	23.06 0.30 0.00	26.61 0.37 0.00	31.90 0.56 0.00	31.16 0.55 0.00	28.89 0.34 0.00	22.67 0.31 0.00	20.62 0.28 0.00
BROWNFLS_115KV_TB_3_5 80003	22.08 -0.54 0.00	20.40 -0.46 0.00	19.66 -0.44 0.00	19.59 -0.42 0.00	20.56 -0.42 0.00	24.27 -0.44 0.00	31.87 -0.58 0.00	31.40 -0.64 0.00	26.19 -0.62 0.00	20.93 -0.56 0.00	19.16 -0.59 0.00	18.67 -0.64 0.00	18.81 -0.58 0.00	18.46 -0.63 0.00	18.38 -0.61 0.00	18.17 -0.62 0.00	18.95 -0.69 0.00	22.01 -0.75 0.00	25.48 -0.76 0.00	30.40 -0.94 0.00	29.75 -0.86 0.00	27.83 -0.71 0.00	21.80 -0.56 0.00	19.72 -0.61 0.00
BROWNSV1_27_KV_LOAD 356125	24.23 1.61 0.00	22.19 1.33 0.00	21.41 1.31 0.00	21.31 1.30 0.00	22.32 1.34 0.00	26.33 1.61 0.00	35.15 2.69 0.00	34.77 2.72 0.00	28.87 2.06 0.00	23.21 1.72 0.00	21.27 1.52 0.00	21.33 1.54 -0.48	20.84 1.45 0.00	20.63 1.51 -0.03	20.53 1.52 -0.03	20.59 1.58 -0.23	21.27 1.63 0.00	24.79 2.03 0.00	28.58 2.34 0.00	34.60 3.26 0.00	33.79 3.18 0.00	31.09 2.54 0.00	24.17 1.81 0.00	22.04 1.71 0.00
BURROWS___LYONSDAL 23803	23.03 0.41 0.00	21.25 0.40 0.00	20.46 0.36 0.00	20.37 0.36 0.00	21.38 0.40 0.00	25.21 0.49 0.00	33.36 0.91 0.00	32.88 0.83 0.00	27.21 0.40 0.00	21.73 0.24 0.00	19.89 0.14 0.00	19.37 0.06 0.00	19.51 0.12 0.00	19.19 0.10 0.00	19.10 0.11 0.00	18.88 0.09 0.00	19.70 0.06 0.00	22.86 0.09 0.00	26.48 0.24 0.00	31.84 0.50 0.00	31.19 0.58 0.00	28.98 0.43 0.00	22.67 0.31 0.00	20.51 0.18 0.00
CAITHNESS_CC_1 323624	25.66 1.95 -1.09	24.72 1.65 -2.22	26.13 1.51 -4.52	23.09 1.56 -1.52	24.23 1.76 -1.49	31.00 2.10 -4.18	44.93 2.79 -9.68	44.93 2.85 -10.04	28.87 2.06 0.00	23.23 1.74 0.00	21.23 1.48 0.00	20.85 1.53 -0.01	20.73 1.34 0.00	20.47 1.38 0.00	20.35 1.37 0.00	20.41 1.62 -0.01	23.90 1.79 -2.47	28.09 2.28 -3.04	32.96 2.31 -4.41	43.86 3.07 -9.44	44.22 3.21 -10.41	40.00 2.46 -8.99	32.32 2.26 -7.70	29.27 1.99 -6.95
CALPINE BETH_PAGE_GT4 24209	25.52 1.81 -1.08	24.63 1.56 -2.21	26.14 1.53 -4.52	23.04 1.52 -1.52	24.05 1.59 -1.48	28.53 1.93 -1.88	35.25 2.66 -0.14	34.76 2.69 -0.02	28.81 2.01 0.00	23.12 1.63 0.00	21.19 1.44 0.00	20.83 1.51 -0.01	20.77 1.38 0.00	20.51 1.41 0.00	20.41 1.42 0.00	20.34 1.54 -0.01	21.36 1.69 -0.03	24.95 2.14 -0.04	28.67 2.36 -0.06	34.51 3.17 0.00	33.91 3.31 0.00	31.09 2.54 0.00	26.83 2.03 -2.44	22.34 1.91 -0.10
CALPINE_BETH_PAGE_GT_4 323586	25.54 1.83 -1.09	24.66 1.58 -2.22	26.09 1.47 -4.52	22.97 1.44 -1.52	24.06 1.59 -1.49	28.56 1.95 -1.89	35.35 2.76 -0.14	34.92 2.85 -0.02	28.87 2.06 0.00	23.12 1.63 0.00	21.19 1.44 0.00	20.83 1.51 -0.01	20.77 1.38 0.00	20.51 1.41 0.00	20.39 1.40 0.00	20.34 1.54 -0.01	21.37 1.69 -0.04	24.95 2.14 -0.05	28.53 2.23 -0.06	34.32 2.98 0.00	33.74 3.12 -0.01	30.89 2.34 0.00	26.79 1.99 -2.45	22.19 1.75 -0.10
CALPINE_BP_GT1 23823	25.54 1.83 -1.09	24.66 1.58 -2.22	26.09 1.47 -4.52	22.97 1.44 -1.52	24.06 1.59 -1.49	28.56 1.95 -1.89	35.35 2.76 -0.14	34.92 2.85 -0.02	28.87 2.06 0.00	23.12 1.63 0.00	21.19 1.44 0.00	20.83 1.51 -0.01	20.77 1.38 0.00	20.51 1.41 0.00	20.39 1.40 0.00	20.34 1.54 -0.01	21.37 1.69 -0.04	24.95 2.14 -0.05	28.53 2.23 -0.06	34.32 2.98 0.00	33.74 3.12 -0.01	30.89 2.34 0.00	26.79 1.99 -2.45	22.19 1.75 -0.10
CALSPAN___DRP 24200	23.30 0.68 0.00	21.31 0.46 0.00	20.22 0.12 0.00	20.03 0.02 0.00	21.21 0.23 0.00	24.97 0.25 0.00	32.49 0.03 0.00	32.81 0.77 0.00	27.10 0.29 0.00	21.83 0.34 0.00	20.13 0.38 0.00	19.62 0.31 0.00	19.85 0.47 0.00	19.53 0.44 0.00	19.21 0.23 0.00	18.83 0.04 0.00	19.70 0.06 0.00	22.61 -0.16 0.00	25.82 -0.42 0.00	30.84 -0.50 0.00	30.15 -0.46 0.00	27.81 -0.74 0.00	21.98 -0.38 0.00	19.93 -0.41 0.00



CALVERTON___SOLAR 323806	25.73 2.01 -1.09	24.78 1.71 -2.22	26.19 1.57 -4.52	23.15 1.62 -1.52	24.31 1.85 -1.49	31.10 2.20 -4.18	45.08 2.95 -9.67	45.08 3.01 -10.03	28.92 2.12 0.00	23.25 1.76 0.00	21.25 1.50 0.00	20.87 1.55 -0.01	20.75 1.36 0.00	20.49 1.39 0.00	20.37 1.39 0.00	20.45 1.65 -0.01	23.94 1.83 -2.47	28.15 2.35 -3.04	33.06 2.41 -4.41	44.00 3.23 -9.43	44.37 3.37 -10.39	40.10 2.57 -8.98	32.40 2.35 -7.70	29.35 2.07 -6.94
CANDIGU_WT_PWR 323617	23.66 1.04 0.00	21.67 0.81 0.00	20.98 0.88 0.00	20.91 0.90 0.00	21.67 0.69 0.00	25.63 0.92 0.00	33.92 1.46 0.00	33.58 1.54 0.00	27.66 0.86 0.00	22.22 0.73 0.00	20.38 0.63 0.00	19.89 0.58 0.00	20.09 0.70 0.00	19.76 0.67 0.00	19.46 0.47 0.00	19.13 0.34 0.00	19.88 0.24 0.00	22.93 0.16 0.00	26.35 0.11 0.00	31.53 0.19 0.00	30.73 0.12 0.00	28.32 -0.23 0.00	22.27 -0.09 0.00	20.27 -0.06 0.00
CARR STREET_E_SYR 24060	22.58 -0.05 0.00	20.77 -0.08 0.00	20.04 -0.06 0.00	19.97 -0.04 0.00	20.90 -0.08 0.00	24.62 -0.10 0.00	32.55 0.10 0.00	32.17 0.13 0.00	26.75 -0.05 0.00	21.47 -0.02 0.00	19.75 0.00 0.00	19.29 -0.02 0.00	19.39 0.00 0.00	19.09 0.00 0.00	18.93 -0.06 0.00	18.72 -0.07 0.00	19.56 -0.08 0.00	22.58 -0.18 0.00	26.06 -0.18 0.00	31.21 -0.12 0.00	30.51 -0.09 0.00	28.32 -0.23 0.00	22.20 -0.16 0.00	20.17 -0.16 0.00
CARTHAGE___PAPER 23857	22.47 -0.16 0.00	20.75 -0.10 0.00	19.98 -0.12 0.00	19.91 -0.10 0.00	20.87 -0.10 0.00	24.67 -0.05 0.00	32.65 0.20 0.00	32.11 0.06 0.00	26.59 -0.22 0.00	21.23 -0.26 0.00	19.41 -0.34 0.00	18.90 -0.41 0.00	19.02 -0.37 0.00	18.69 -0.40 0.00	18.60 -0.38 0.00	18.41 -0.38 0.00	19.15 -0.49 0.00	22.27 -0.50 0.00	25.82 -0.42 0.00	31.06 -0.28 0.00	30.45 -0.15 0.00	28.38 -0.17 0.00	22.14 -0.22 0.00	20.01 -0.33 0.00
CASSADAGA_WT_PWR 323784	23.82 1.20 0.00	21.73 0.88 0.00	21.10 1.00 0.00	21.01 1.00 0.00	21.67 0.69 0.00	25.68 0.96 0.00	33.95 1.49 0.00	33.84 1.79 0.00	27.93 1.13 0.00	22.52 1.03 0.00	20.76 1.01 0.00	20.20 0.89 0.00	20.45 1.07 0.00	20.12 1.03 0.00	19.80 0.82 0.00	19.39 0.60 0.00	20.27 0.63 0.00	23.29 0.52 0.00	26.58 0.34 0.00	31.62 0.28 0.00	30.73 0.12 0.00	28.06 -0.49 0.00	21.93 -0.43 0.00	19.88 -0.45 0.00
CE_DUNWOOD___DRP 24194	23.84 1.22 0.00	21.88 1.02 0.00	21.13 1.03 0.00	21.03 1.02 0.00	22.03 1.05 0.00	25.98 1.26 0.00	34.60 2.14 0.00	34.22 2.18 0.00	28.39 1.58 0.00	22.76 1.27 0.00	20.86 1.11 0.00	20.44 1.12 -0.01	20.44 1.05 0.00	20.20 1.11 0.00	20.12 1.14 0.00	19.98 1.18 -0.01	20.86 1.22 0.00	24.34 1.57 0.00	28.05 1.81 0.00	33.91 2.57 0.00	33.15 2.54 0.00	30.55 2.00 0.00	23.81 1.45 0.00	21.71 1.38 0.00
CE_MILLWOOD___DRP 24193	23.78 1.15 0.00	21.85 1.00 0.00	21.08 0.98 0.00	21.01 1.00 0.00	22.01 1.03 0.00	25.95 1.24 0.00	34.53 2.08 0.00	34.16 2.11 0.00	28.31 1.50 0.00	22.69 1.20 0.00	20.80 1.05 0.00	20.40 1.08 -0.01	20.40 1.01 0.00	20.14 1.05 0.00	20.07 1.08 0.00	19.92 1.13 0.00	20.80 1.16 0.00	24.27 1.50 0.00	27.98 1.73 0.00	33.85 2.51 0.00	33.05 2.45 0.00	30.49 1.94 0.00	23.77 1.41 0.00	21.67 1.34 0.00
CE_NYC2_DRP 24202	24.15 1.52 -0.01	22.13 1.27 -0.01	21.35 1.25 -0.01	21.27 1.26 -0.01	22.27 1.28 -0.01	26.23 1.51 0.00	34.95 2.50 0.00	34.54 2.50 0.00	28.68 1.88 0.00	23.06 1.57 0.00	21.15 1.40 0.00	21.22 1.37 -0.54	20.73 1.34 0.00	20.52 1.39 -0.03	20.42 1.40 -0.03	20.45 1.41 -0.25	21.15 1.51 0.00	24.66 1.89 0.00	28.40 2.15 0.00	34.35 3.01 0.00	33.54 2.94 0.00	30.86 2.31 0.00	24.06 1.70 0.00	21.99 1.65 -0.01
CE_NYC_DRP 24195	24.07 1.45 0.00	22.04 1.19 0.00	21.27 1.17 0.00	21.19 1.18 0.00	22.17 1.20 0.00	26.18 1.46 0.00	34.92 2.47 0.00	34.51 2.47 0.00	28.65 1.85 0.00	23.04 1.55 0.00	21.11 1.36 0.00	21.17 1.39 -0.47	20.69 1.30 0.00	20.47 1.36 -0.03	20.40 1.39 -0.03	20.44 1.43 -0.22	21.11 1.47 0.00	24.61 1.84 0.00	28.37 2.13 0.00	34.32 2.98 0.00	33.51 2.91 0.00	30.83 2.28 0.00	23.99 1.63 0.00	21.90 1.57 0.00
CHAFFEE___LFGE 323603	23.37 0.75 0.00	21.35 0.50 0.00	20.76 0.66 0.00	20.69 0.68 0.00	21.29 0.32 0.00	25.19 0.47 0.00	33.20 0.75 0.00	33.00 0.96 0.00	27.18 0.38 0.00	21.94 0.45 0.00	20.20 0.45 0.00	19.69 0.39 0.00	19.93 0.54 0.00	19.61 0.52 0.00	19.29 0.30 0.00	18.90 0.11 0.00	19.78 0.14 0.00	22.70 -0.07 0.00	25.96 -0.29 0.00	30.97 -0.37 0.00	30.27 -0.34 0.00	27.92 -0.63 0.00	22.07 -0.29 0.00	20.15 -0.18 0.00
CHATEAUG_35_KV_LOAD 355732	22.49 -0.14 0.00	20.83 -0.02 0.00	20.12 0.02 0.00	20.05 0.04 0.00	21.08 0.10 0.00	24.92 0.20 0.00	32.42 -0.03 0.00	32.04 0.00 0.00	27.05 0.24 0.00	21.60 0.11 0.00	19.79 0.04 0.00	19.33 0.02 0.00	19.47 0.08 0.00	19.09 0.00 0.00	18.98 0.00 0.00	18.77 -0.02 0.00	19.64 0.00 0.00	22.79 0.02 0.00	26.30 0.05 0.00	30.93 -0.41 0.00	29.93 -0.67 0.00	28.12 -0.43 0.00	22.36 0.00 0.00	20.27 -0.06 0.00
CHATEAUG_WT_PWR 323614	22.40 -0.23 0.00	20.75 -0.10 0.00	20.02 -0.08 0.00	19.95 -0.06 0.00	21.02 0.04 0.00	24.79 0.07 0.00	31.19 -1.27 0.00	30.92 -1.12 0.00	26.99 0.19 0.00	21.55 0.06 0.00	19.75 0.00 0.00	19.29 -0.02 0.00	19.43 0.04 0.00	19.05 -0.04 0.00	18.97 -0.02 0.00	18.73 -0.06 0.00	19.60 -0.04 0.00	22.74 -0.02 0.00	26.19 -0.05 0.00	30.84 -0.50 0.00	29.84 -0.76 0.00	27.98 -0.57 0.00	21.73 -0.63 0.00	20.27 -0.06 0.00
CHAT_HIGH_FALL_HYD 323578	22.49 -0.14 0.00	20.83 -0.02 0.00	20.12 0.02 0.00	20.05 0.04 0.00	21.08 0.10 0.00	24.92 0.20 0.00	32.42 -0.03 0.00	32.04 0.00 0.00	27.05 0.24 0.00	21.60 0.11 0.00	19.79 0.04 0.00	19.33 0.02 0.00	19.47 0.08 0.00	19.09 0.00 0.00	18.98 0.00 0.00	18.77 -0.02 0.00	19.64 0.00 0.00	22.79 0.02 0.00	26.30 0.05 0.00	30.93 -0.41 0.00	29.93 -0.67 0.00	28.12 -0.43 0.00	22.36 0.00 0.00	20.27 -0.06 0.00
CHAUTAUQUA___LFGE 323629	23.62 0.99 0.00	21.58 0.73 0.00	20.96 0.86 0.00	20.89 0.88 0.00	21.52 0.54 0.00	25.49 0.77 0.00	33.62 1.17 0.00	33.45 1.41 0.00	27.58 0.78 0.00	22.26 0.77 0.00	20.52 0.77 0.00	19.98 0.68 0.00	20.24 0.85 0.00	19.89 0.80 0.00	19.57 0.59 0.00	19.19 0.40 0.00	20.07 0.43 0.00	23.06 0.30 0.00	26.35 0.11 0.00	31.40 0.06 0.00	30.61 0.00 0.00	28.09 -0.46 0.00	22.11 -0.25 0.00	20.15 -0.18 0.00
CHERRYST_13_KV_LD 356241	24.12 1.49 0.00	22.11 1.25 0.00	21.33 1.23 0.00	21.25 1.24 0.00	22.24 1.26 0.00	26.23 1.51 0.00	35.02 2.56 0.00	34.64 2.60 0.00	28.76 1.96 0.00	23.10 1.61 0.00	21.19 1.44 0.00	21.25 1.47 -0.47	20.77 1.38 0.00	20.55 1.43 -0.03	20.45 1.44 -0.03	20.51 1.50 -0.22	21.17 1.53 0.00	24.68 1.91 0.00	28.45 2.20 0.00	34.41 3.07 0.00	33.61 3.00 0.00	30.92 2.37 0.00	24.06 1.70 0.00	21.96 1.63 0.00



CHESTROR_138KV_BK263 355645	23.60 0.97 0.00	21.69 0.83 0.00	20.92 0.82 0.00	20.83 0.82 0.00	21.84 0.86 0.00	25.76 1.04 0.00	34.21 1.75 0.00	33.80 1.76 0.00	28.06 1.26 0.00	22.43 0.95 0.00	20.58 0.83 0.00	20.12 0.81 0.00	20.14 0.76 0.00	19.89 0.80 0.00	19.82 0.84 0.00	19.67 0.88 0.00	20.56 0.92 0.00	23.97 1.21 0.00	27.69 1.44 0.00	33.44 2.10 0.00	32.66 2.05 0.00	30.18 1.63 0.00	23.54 1.19 0.00	21.45 1.12 0.00
CH_MIDHUDSON___DRP 24192	23.98 1.36 0.00	22.02 1.17 0.00	21.27 1.17 0.00	21.17 1.16 0.00	22.20 1.22 0.00	26.15 1.43 0.00	34.82 2.37 0.00	34.32 2.28 0.00	28.47 1.66 0.00	22.67 1.18 0.00	20.74 0.99 0.00	20.22 0.91 0.00	20.28 0.89 0.00	20.05 0.95 0.00	19.99 1.01 0.00	19.86 1.07 0.00	20.74 1.10 0.00	24.29 1.53 0.00	28.11 1.86 0.00	33.94 2.60 0.00	33.18 2.57 0.00	30.60 2.06 0.00	23.88 1.52 0.00	21.78 1.44 0.00
CH_MISC_IPPS 23765	23.96 1.33 0.00	22.00 1.15 0.00	21.18 1.08 0.00	21.07 1.06 0.00	22.17 1.20 0.00	26.15 1.43 0.00	34.89 2.44 0.00	34.41 2.37 0.00	28.44 1.64 0.00	22.67 1.18 0.00	20.74 0.99 0.00	20.22 0.91 0.00	20.28 0.89 0.00	20.05 0.95 0.00	19.99 1.01 0.00	19.86 1.07 0.00	20.74 1.10 0.00	24.27 1.50 0.00	28.08 1.84 0.00	33.91 2.57 0.00	33.15 2.54 0.00	30.61 2.06 0.00	23.92 1.56 0.00	21.73 1.40 0.00
CH_RES_BVR_FALLS 23983	22.44 -0.18 0.00	20.73 -0.12 0.00	19.98 -0.12 0.00	19.89 -0.12 0.00	20.85 -0.13 0.00	24.57 -0.15 0.00	31.97 -0.49 0.00	31.56 -0.48 0.00	26.64 -0.16 0.00	21.36 -0.13 0.00	19.63 -0.12 0.00	19.17 -0.13 0.00	19.27 -0.12 0.00	18.96 -0.13 0.00	18.85 -0.13 0.00	18.66 -0.13 0.00	19.50 -0.14 0.00	22.63 -0.14 0.00	26.06 -0.18 0.00	30.90 -0.44 0.00	30.12 -0.49 0.00	28.15 -0.40 0.00	21.91 -0.45 0.00	19.88 -0.45 0.00
CH_RES_NIAGARA 23895	22.40 -0.23 0.00	20.48 -0.38 0.00	19.42 -0.68 0.00	19.23 -0.78 0.00	20.35 -0.63 0.00	23.88 -0.84 0.00	30.96 -1.49 0.00	31.21 -0.83 0.00	25.84 -0.96 0.00	20.87 -0.62 0.00	19.26 -0.49 0.00	18.81 -0.50 0.00	19.02 -0.37 0.00	18.69 -0.40 0.00	18.38 -0.61 0.00	18.02 -0.77 0.00	18.85 -0.79 0.00	21.61 -1.16 0.00	24.64 -1.60 0.00	29.37 -1.97 0.00	28.77 -1.84 0.00	26.55 -2.00 0.00	21.08 -1.27 0.00	19.15 -1.18 0.00
CH_RES_SYRACUSE 23985	23.01 0.38 0.00	21.15 0.29 0.00	20.40 0.30 0.00	20.33 0.32 0.00	21.23 0.25 0.00	25.04 0.32 0.00	33.17 0.71 0.00	32.78 0.74 0.00	27.21 0.40 0.00	21.81 0.32 0.00	20.05 0.30 0.00	19.58 0.27 0.00	19.68 0.29 0.00	19.36 0.27 0.00	19.17 0.19 0.00	18.92 0.13 0.00	19.78 0.14 0.00	22.86 0.09 0.00	26.40 0.16 0.00	31.59 0.25 0.00	30.88 0.27 0.00	28.66 0.11 0.00	22.49 0.13 0.00	20.41 0.08 0.00
CLINTON_WT_PWR 323605	22.40 -0.23 0.00	20.75 -0.10 0.00	20.02 -0.08 0.00	19.95 -0.06 0.00	21.02 0.04 0.00	24.79 0.07 0.00	31.19 -1.27 0.00	30.92 -1.12 0.00	26.99 0.19 0.00	21.55 0.06 0.00	19.75 0.00 0.00	19.29 -0.02 0.00	19.43 0.04 0.00	19.05 -0.04 0.00	18.97 -0.02 0.00	18.73 -0.06 0.00	19.60 -0.04 0.00	22.74 -0.02 0.00	26.19 -0.05 0.00	30.84 -0.50 0.00	29.84 -0.76 0.00	27.98 -0.57 0.00	21.73 -0.63 0.00	20.27 -0.06 0.00
CLINTON___LFGE 323618	22.53 -0.09 0.00	20.92 0.06 0.00	20.20 0.10 0.00	20.13 0.12 0.00	21.21 0.23 0.00	25.06 0.35 0.00	31.09 -1.36 0.00	30.86 -1.18 0.00	27.34 0.54 0.00	21.79 0.30 0.00	19.91 0.16 0.00	19.46 0.15 0.00	19.62 0.23 0.00	19.21 0.12 0.00	19.10 0.11 0.00	18.88 0.09 0.00	19.78 0.14 0.00	22.95 0.18 0.00	26.48 0.24 0.00	31.12 -0.22 0.00	30.12 -0.49 0.00	28.15 -0.40 0.00	21.80 -0.56 0.00	20.58 0.24 0.00
COBBLENY_34_KV_TB1 80064	23.37 0.75 0.00	21.35 0.50 0.00	20.28 0.18 0.00	20.09 0.08 0.00	21.27 0.29 0.00	25.04 0.32 0.00	32.65 0.19 0.00	33.00 0.96 0.00	27.23 0.43 0.00	21.94 0.45 0.00	20.20 0.45 0.00	19.69 0.39 0.00	19.93 0.54 0.00	19.61 0.52 0.00	19.29 0.30 0.00	18.90 0.11 0.00	19.78 0.14 0.00	22.70 -0.07 0.00	25.93 -0.31 0.00	30.96 -0.38 0.00	30.27 -0.34 0.00	27.92 -0.63 0.00	22.05 -0.31 0.00	19.97 -0.37 0.00
COFFEEN___115KV_TB3 355620	22.62 0.00 0.00	20.87 0.02 0.00	20.08 -0.02 0.00	20.01 0.00 0.00	21.00 0.02 0.00	24.79 0.07 0.00	32.94 0.49 0.00	32.43 0.38 0.00	26.67 -0.13 0.00	21.30 -0.19 0.00	19.47 -0.28 0.00	18.94 -0.37 0.00	19.06 -0.33 0.00	18.75 -0.34 0.00	18.64 -0.34 0.00	18.45 -0.34 0.00	19.17 -0.47 0.00	22.29 -0.48 0.00	25.90 -0.34 0.00	31.28 -0.06 0.00	30.76 0.15 0.00	28.55 0.00 0.00	22.29 -0.07 0.00	20.11 -0.22 0.00
COLDSPRG_115KV_BK1 355956	24.05 1.43 0.00	21.98 1.13 0.00	20.88 0.78 0.00	20.69 0.68 0.00	21.92 0.94 0.00	25.90 1.19 0.00	33.91 1.46 0.00	34.35 2.31 0.00	28.33 1.53 0.00	22.78 1.29 0.00	20.95 1.20 0.00	20.39 1.08 0.00	20.63 1.24 0.00	20.29 1.20 0.00	19.97 0.99 0.00	19.54 0.75 0.00	20.48 0.84 0.00	23.54 0.77 0.00	26.90 0.66 0.00	32.12 0.78 0.00	31.31 0.70 0.00	28.75 0.20 0.00	22.56 0.20 0.00	20.37 0.04 0.00
COLONIE_LFGE___ 323577	23.01 0.38 0.00	21.27 0.42 0.00	20.46 0.36 0.00	20.37 0.36 0.00	21.40 0.42 0.00	25.21 0.49 0.00	33.46 1.01 0.00	32.91 0.87 0.00	27.21 0.40 0.00	21.66 0.17 0.00	19.91 0.16 0.00	19.48 0.17 0.00	19.54 0.15 0.00	19.23 0.13 0.00	19.15 0.17 0.00	19.00 0.21 0.00	19.88 0.24 0.00	23.18 0.41 0.00	26.80 0.55 0.00	32.44 1.10 0.00	31.65 1.04 0.00	29.35 0.80 0.00	22.96 0.60 0.00	20.86 0.53 0.00
COOPERNY_115KV_TB1 80082	23.44 0.81 0.00	21.54 0.69 0.00	20.78 0.68 0.00	20.69 0.68 0.00	21.69 0.71 0.00	25.58 0.87 0.00	33.88 1.43 0.00	33.52 1.47 0.00	27.82 1.02 0.00	22.28 0.80 0.00	20.44 0.69 0.00	19.98 0.68 0.00	20.03 0.64 0.00	19.78 0.69 0.00	19.69 0.70 0.00	19.50 0.71 0.00	20.39 0.75 0.00	23.75 0.98 0.00	27.40 1.15 0.00	33.03 1.69 0.00	32.26 1.65 0.00	29.86 1.31 0.00	23.32 0.96 0.00	21.23 0.89 0.00
COPENHAGEN_WT_PWR 323753	22.44 -0.18 0.00	20.71 -0.14 0.00	19.96 -0.14 0.00	19.87 -0.14 0.00	20.83 -0.15 0.00	24.60 -0.12 0.00	32.65 0.20 0.00	32.14 0.10 0.00	26.54 -0.27 0.00	21.21 -0.28 0.00	19.41 -0.34 0.00	18.90 -0.41 0.00	19.02 -0.37 0.00	18.71 -0.38 0.00	18.60 -0.38 0.00	18.39 -0.40 0.00	19.11 -0.53 0.00	22.20 -0.57 0.00	25.74 -0.50 0.00	31.03 -0.31 0.00	30.48 -0.12 0.00	28.32 -0.23 0.00	22.11 -0.25 0.00	19.97 -0.37 0.00
CORNELL_____ 23752	23.55 0.93 0.00	21.63 0.77 0.00	20.76 0.66 0.00	20.65 0.64 0.00	21.73 0.76 0.00	25.63 0.91 0.00	33.85 1.40 0.00	33.61 1.57 0.00	27.80 0.99 0.00	22.20 0.71 0.00	20.34 0.59 0.00	19.87 0.56 0.00	19.99 0.60 0.00	19.66 0.57 0.00	19.48 0.49 0.00	19.24 0.45 0.00	20.11 0.47 0.00	23.29 0.52 0.00	26.95 0.71 0.00	32.34 1.00 0.00	31.59 0.98 0.00	29.29 0.74 0.00	22.94 0.58 0.00	20.80 0.47 0.00



CORONA_69_KV_TB1 355595	25.42 1.72 -1.08	24.55 1.48 -2.21	26.04 1.43 -4.52	22.96 1.44 -1.52	23.95 1.49 -1.48	28.38 1.80 -1.85	35.04 2.56 -0.02	34.64 2.60 0.00	28.73 1.93 0.00	23.04 1.55 0.00	21.13 1.38 0.00	20.75 1.43 -0.01	20.71 1.32 0.00	20.45 1.36 0.00	20.35 1.37 0.00	20.26 1.47 -0.01	21.24 1.59 0.00	24.78 2.00 -0.01	28.54 2.28 -0.01	34.41 3.07 0.00	33.79 3.18 0.00	31.00 2.46 0.00	26.66 1.92 -2.37	22.16 1.81 -0.01
CORTLAND_115KV_TB3 80093	23.44 0.81 0.00	21.58 0.73 0.00	20.76 0.66 0.00	20.65 0.64 0.00	21.69 0.71 0.00	25.58 0.87 0.00	33.88 1.43 0.00	33.48 1.44 0.00	27.74 0.94 0.00	22.16 0.67 0.00	20.30 0.55 0.00	19.81 0.50 0.00	19.93 0.54 0.00	19.61 0.52 0.00	19.46 0.47 0.00	19.22 0.43 0.00	20.11 0.47 0.00	23.27 0.50 0.00	26.93 0.68 0.00	32.31 0.97 0.00	31.59 0.98 0.00	29.32 0.77 0.00	22.96 0.60 0.00	20.78 0.45 0.00
COXSACKIE___GT 23611	23.41 0.79 0.00	21.60 0.75 0.00	20.82 0.72 0.00	20.73 0.72 0.00	21.73 0.75 0.00	25.56 0.84 0.00	33.95 1.49 0.00	33.07 1.03 0.00	27.29 0.48 0.00	21.53 0.04 0.00	19.69 -0.06 0.00	19.17 -0.13 0.00	19.27 -0.12 0.00	18.94 -0.15 0.00	18.95 -0.04 0.00	18.87 0.08 0.00	19.78 0.14 0.00	23.22 0.46 0.00	27.06 0.81 0.00	32.66 1.32 0.00	31.98 1.38 0.00	29.63 1.08 0.00	23.19 0.83 0.00	21.10 0.77 0.00
CPV_VALLEY___CC1 323721	23.50 0.88 0.00	21.63 0.77 0.00	20.80 0.70 0.00	20.71 0.70 0.00	21.78 0.80 0.00	25.71 0.99 0.00	34.14 1.69 0.00	33.80 1.76 0.00	27.98 1.18 0.00	22.39 0.90 0.00	20.54 0.79 0.00	20.08 0.77 0.00	20.13 0.74 0.00	19.86 0.76 0.00	19.78 0.80 0.00	19.62 0.83 0.00	20.50 0.86 0.00	23.90 1.14 0.00	27.58 1.34 0.00	33.28 1.94 0.00	32.50 1.90 0.00	30.06 1.51 0.00	23.50 1.14 0.00	21.35 1.02 0.00
CPV_VALLEY___CC2 323722	23.50 0.88 0.00	21.63 0.77 0.00	20.80 0.70 0.00	20.71 0.70 0.00	21.78 0.80 0.00	25.71 0.99 0.00	34.14 1.69 0.00	33.80 1.76 0.00	27.98 1.18 0.00	22.39 0.90 0.00	20.54 0.79 0.00	20.08 0.77 0.00	20.13 0.74 0.00	19.86 0.76 0.00	19.78 0.80 0.00	19.62 0.83 0.00	20.50 0.86 0.00	23.90 1.14 0.00	27.58 1.34 0.00	33.28 1.94 0.00	32.50 1.90 0.00	30.06 1.51 0.00	23.50 1.14 0.00	21.35 1.02 0.00
CRESCENT___HYD 24018	23.01 0.38 0.00	21.27 0.42 0.00	20.46 0.36 0.00	20.37 0.36 0.00	21.40 0.42 0.00	25.21 0.49 0.00	33.46 1.01 0.00	32.91 0.87 0.00	27.21 0.40 0.00	21.66 0.17 0.00	19.91 0.16 0.00	19.48 0.17 0.00	19.54 0.15 0.00	19.23 0.13 0.00	19.15 0.17 0.00	19.00 0.21 0.00	19.88 0.24 0.00	23.18 0.41 0.00	26.80 0.55 0.00	32.44 1.10 0.00	31.65 1.04 0.00	29.35 0.80 0.00	22.96 0.60 0.00	20.86 0.53 0.00
CRICKET___VALLEY_CC1 323756	23.37 0.75 0.00	21.56 0.71 0.00	20.74 0.64 0.00	20.65 0.64 0.00	21.73 0.75 0.00	25.63 0.92 0.00	34.20 1.75 0.00	33.80 1.76 0.00	27.82 1.02 0.00	22.13 0.64 0.00	20.34 0.59 0.00	19.93 0.62 0.00	19.93 0.54 0.00	19.68 0.59 0.00	19.61 0.63 0.00	19.47 0.68 0.00	20.37 0.73 0.00	23.81 1.05 0.00	27.48 1.23 0.00	33.38 2.04 0.00	32.50 1.90 0.00	30.06 1.51 0.00	23.52 1.16 0.00	21.37 1.04 0.00
CRICKET___VALLEY_CC2 323757	23.37 0.75 0.00	21.56 0.71 0.00	20.74 0.64 0.00	20.65 0.64 0.00	21.73 0.75 0.00	25.63 0.92 0.00	34.20 1.75 0.00	33.80 1.76 0.00	27.82 1.02 0.00	22.13 0.64 0.00	20.34 0.59 0.00	19.93 0.62 0.00	19.93 0.54 0.00	19.68 0.59 0.00	19.61 0.63 0.00	19.47 0.68 0.00	20.37 0.73 0.00	23.81 1.05 0.00	27.48 1.23 0.00	33.38 2.04 0.00	32.50 1.90 0.00	30.06 1.51 0.00	23.52 1.16 0.00	21.37 1.04 0.00
CRICKET___VALLEY_CC3 323758	23.37 0.75 0.00	21.56 0.71 0.00	20.74 0.64 0.00	20.65 0.64 0.00	21.73 0.75 0.00	25.63 0.92 0.00	34.20 1.75 0.00	33.80 1.76 0.00	27.82 1.02 0.00	22.13 0.64 0.00	20.34 0.59 0.00	19.93 0.62 0.00	19.93 0.54 0.00	19.68 0.59 0.00	19.61 0.63 0.00	19.47 0.68 0.00	20.37 0.73 0.00	23.81 1.05 0.00	27.48 1.23 0.00	33.38 2.04 0.00	32.50 1.90 0.00	30.06 1.51 0.00	23.52 1.16 0.00	21.37 1.04 0.00
CRUCIBLE_METL_DRP 24180	23.01 0.38 0.00	21.15 0.29 0.00	20.32 0.22 0.00	20.21 0.20 0.00	21.23 0.25 0.00	25.02 0.30 0.00	33.01 0.55 0.00	32.75 0.70 0.00	27.21 0.40 0.00	21.81 0.32 0.00	20.05 0.30 0.00	19.58 0.27 0.00	19.68 0.29 0.00	19.36 0.27 0.00	19.17 0.19 0.00	18.92 0.13 0.00	19.78 0.14 0.00	22.86 0.09 0.00	26.37 0.13 0.00	31.59 0.25 0.00	30.88 0.28 0.00	28.66 0.11 0.00	22.47 0.11 0.00	20.39 0.06 0.00
DAHOWA___HYDRO 323763	23.23 0.61 0.00	21.46 0.61 0.00	20.62 0.52 0.00	20.55 0.54 0.00	21.55 0.57 0.00	25.44 0.72 0.00	33.75 1.30 0.00	33.04 0.99 0.00	27.29 0.48 0.00	21.70 0.21 0.00	19.89 0.14 0.00	19.44 0.14 0.00	19.53 0.14 0.00	19.15 0.06 0.00	19.12 0.13 0.00	18.96 0.17 0.00	19.84 0.20 0.00	23.18 0.41 0.00	26.90 0.66 0.00	32.66 1.32 0.00	31.92 1.32 0.00	29.55 1.00 0.00	23.07 0.72 0.00	20.92 0.59 0.00
DANC___LFGE 323619	22.37 -0.25 0.00	20.62 -0.23 0.00	19.88 -0.22 0.00	19.79 -0.22 0.00	20.73 -0.25 0.00	24.47 -0.25 0.00	32.42 -0.03 0.00	31.95 -0.10 0.00	26.43 -0.38 0.00	21.19 -0.30 0.00	19.43 -0.32 0.00	18.94 -0.37 0.00	19.04 -0.35 0.00	18.73 -0.36 0.00	18.62 -0.36 0.00	18.41 -0.38 0.00	19.15 -0.49 0.00	22.20 -0.57 0.00	25.69 -0.55 0.00	30.90 -0.44 0.00	30.33 -0.28 0.00	28.18 -0.37 0.00	22.02 -0.33 0.00	19.94 -0.39 0.00
DANSKAMMER___1 23586	23.96 1.33 0.00	22.00 1.15 0.00	21.18 1.08 0.00	21.07 1.06 0.00	22.17 1.20 0.00	26.15 1.43 0.00	34.89 2.44 0.00	34.41 2.37 0.00	28.44 1.64 0.00	22.67 1.18 0.00	20.74 0.99 0.00	20.22 0.91 0.00	20.28 0.89 0.00	20.05 0.95 0.00	19.99 1.01 0.00	19.86 1.07 0.00	20.74 1.10 0.00	24.27 1.50 0.00	28.08 1.84 0.00	33.91 2.57 0.00	33.15 2.54 0.00	30.61 2.06 0.00	23.92 1.56 0.00	21.73 1.40 0.00
DANSKAMMER___2 23589	23.96 1.33 0.00	22.00 1.15 0.00	21.18 1.08 0.00	21.07 1.06 0.00	22.17 1.20 0.00	26.15 1.43 0.00	34.89 2.44 0.00	34.41 2.37 0.00	28.44 1.64 0.00	22.67 1.18 0.00	20.74 0.99 0.00	20.22 0.91 0.00	20.28 0.89 0.00	20.05 0.95 0.00	19.99 1.01 0.00	19.86 1.07 0.00	20.74 1.10 0.00	24.27 1.50 0.00	28.08 1.84 0.00	33.91 2.57 0.00	33.15 2.54 0.00	30.61 2.06 0.00	23.92 1.56 0.00	21.73 1.40 0.00
DANSKAMMER___3 23590	23.96 1.33 0.00	22.00 1.15 0.00	21.18 1.08 0.00	21.07 1.06 0.00	22.17 1.20 0.00	26.15 1.43 0.00	34.89 2.44 0.00	34.41 2.37 0.00	28.44 1.64 0.00	22.67 1.18 0.00	20.74 0.99 0.00	20.22 0.91 0.00	20.28 0.89 0.00	20.05 0.95 0.00	19.99 1.01 0.00	19.86 1.07 0.00	20.74 1.10 0.00	24.27 1.50 0.00	28.08 1.84 0.00	33.91 2.57 0.00	33.15 2.54 0.00	30.61 2.06 0.00	23.92 1.56 0.00	21.73 1.40 0.00



DANSKAMMER___4 23591	23.96 1.33 0.00	22.00 1.15 0.00	21.18 1.08 0.00	21.07 1.06 0.00	22.17 1.20 0.00	26.15 1.43 0.00	34.89 2.44 0.00	34.41 2.37 0.00	28.44 1.64 0.00	22.67 1.18 0.00	20.74 0.99 0.00	20.22 0.91 0.00	20.28 0.89 0.00	20.05 0.95 0.00	19.99 1.01 0.00	19.86 1.07 0.00	20.74 1.10 0.00	24.27 1.50 0.00	28.08 1.84 0.00	33.91 2.57 0.00	33.15 2.54 0.00	30.61 2.06 0.00	23.92 1.56 0.00	21.73 1.40 0.00
DANSKAMMER___DIESEL 23592	23.96 1.33 0.00	22.00 1.15 0.00	21.25 1.15 0.00	21.15 1.14 0.00	22.17 1.20 0.00	26.15 1.43 0.00	34.79 2.34 0.00	34.29 2.24 0.00	28.44 1.64 0.00	22.67 1.18 0.00	20.74 0.99 0.00	20.22 0.91 0.00	20.28 0.89 0.00	20.05 0.95 0.00	19.99 1.01 0.00	19.86 1.07 0.00	20.74 1.10 0.00	24.27 1.50 0.00	28.08 1.84 0.00	33.91 2.57 0.00	33.15 2.54 0.00	30.60 2.06 0.00	23.86 1.50 0.00	21.76 1.42 0.00
DARBY___SOLAR 323810	23.23 0.61 0.00	21.46 0.61 0.00	20.62 0.52 0.00	20.53 0.52 0.00	21.55 0.57 0.00	25.41 0.69 0.00	33.72 1.26 0.00	33.07 1.03 0.00	27.34 0.54 0.00	21.75 0.26 0.00	19.95 0.20 0.00	19.48 0.17 0.00	19.58 0.19 0.00	19.21 0.12 0.00	19.17 0.19 0.00	19.00 0.21 0.00	19.88 0.24 0.00	23.22 0.46 0.00	26.92 0.68 0.00	32.63 1.29 0.00	31.89 1.29 0.00	29.52 0.97 0.00	23.07 0.72 0.00	20.94 0.61 0.00
DASHVILLE___HYD 23610	23.80 1.18 0.00	21.83 0.98 0.00	21.08 0.98 0.00	20.99 0.98 0.00	22.01 1.03 0.00	25.95 1.24 0.00	34.53 2.08 0.00	34.06 2.02 0.00	28.28 1.47 0.00	22.56 1.07 0.00	20.66 0.91 0.00	20.16 0.85 0.00	20.20 0.81 0.00	19.99 0.90 0.00	19.91 0.93 0.00	19.79 1.00 0.00	20.66 1.02 0.00	24.15 1.39 0.00	27.92 1.68 0.00	33.72 2.38 0.00	32.93 2.33 0.00	30.40 1.86 0.00	23.70 1.34 0.00	21.63 1.30 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	26.13 2.42 -1.08	25.15 2.09 -2.21	26.59 1.97 -4.52	23.58 2.06 -1.52	24.64 2.18 -1.48	31.53 2.64 -4.17	45.59 3.47 -9.66	45.48 3.43 -10.01	29.22 2.41 0.00	23.57 2.08 0.00	21.55 1.80 0.00	21.16 1.83 -0.01	21.02 1.63 0.00	20.75 1.66 0.00	20.66 1.67 0.00	20.71 1.92 -0.01	24.22 2.12 -2.46	28.53 2.73 -3.03	33.59 2.94 -4.40	44.65 3.89 -9.42	45.02 4.04 -10.37	40.72 3.20 -8.97	32.70 2.66 -7.68	29.74 2.48 -6.93
DELAWARE___LFGE 323621	23.48 0.86 0.00	21.65 0.79 0.00	20.84 0.74 0.00	20.75 0.74 0.00	21.78 0.80 0.00	25.66 0.94 0.00	33.98 1.53 0.00	33.55 1.51 0.00	27.82 1.02 0.00	22.24 0.75 0.00	20.38 0.63 0.00	19.89 0.58 0.00	19.99 0.60 0.00	19.70 0.61 0.00	19.59 0.61 0.00	19.39 0.60 0.00	20.27 0.63 0.00	23.59 0.82 0.00	27.24 1.00 0.00	32.81 1.47 0.00	32.08 1.47 0.00	29.75 1.20 0.00	23.25 0.89 0.00	21.12 0.79 0.00
DERFIELD_115KV_TB7 355931	22.67 0.05 0.00	20.90 0.04 0.00	20.14 0.04 0.00	20.05 0.04 0.00	21.02 0.04 0.00	24.77 0.05 0.00	32.62 0.16 0.00	32.20 0.16 0.00	26.86 0.05 0.00	21.51 0.02 0.00	19.77 0.02 0.00	19.33 0.02 0.00	19.41 0.02 0.00	19.11 0.02 0.00	19.02 0.04 0.00	18.83 0.04 0.00	19.68 0.04 0.00	22.81 0.05 0.00	26.32 0.08 0.00	31.56 0.22 0.00	30.82 0.21 0.00	28.66 0.11 0.00	22.43 0.07 0.00	20.39 0.06 0.00
DOGLEVILLE___HYD 23807	22.71 0.09 0.00	20.94 0.08 0.00	20.18 0.08 0.00	20.09 0.08 0.00	21.06 0.08 0.00	24.79 0.07 0.00	32.71 0.26 0.00	32.20 0.16 0.00	26.75 -0.05 0.00	21.47 -0.02 0.00	19.75 0.00 0.00	19.29 -0.02 0.00	19.39 0.00 0.00	19.11 0.02 0.00	19.02 0.04 0.00	18.83 0.04 0.00	19.66 0.02 0.00	22.83 0.07 0.00	26.27 0.03 0.00	31.43 0.09 0.00	30.58 -0.03 0.00	28.46 -0.09 0.00	22.27 -0.09 0.00	20.23 -0.10 0.00
DUNKIRK___115KV_TB_200 55889	23.60 0.97 0.00	21.56 0.71 0.00	20.48 0.38 0.00	20.29 0.28 0.00	21.48 0.50 0.00	25.31 0.59 0.00	33.01 0.55 0.00	33.39 1.35 0.00	27.58 0.78 0.00	22.22 0.73 0.00	20.48 0.73 0.00	19.95 0.64 0.00	20.20 0.81 0.00	19.86 0.76 0.00	19.55 0.57 0.00	19.15 0.36 0.00	20.03 0.39 0.00	23.02 0.25 0.00	26.30 0.05 0.00	31.37 0.03 0.00	30.61 0.00 0.00	28.12 -0.43 0.00	22.14 -0.22 0.00	20.03 -0.30 0.00
DUNKIRK___1 23563	23.60 0.97 0.00	21.56 0.71 0.00	20.48 0.38 0.00	20.29 0.28 0.00	21.48 0.50 0.00	25.31 0.59 0.00	33.01 0.55 0.00	33.39 1.35 0.00	27.58 0.78 0.00	22.22 0.73 0.00	20.48 0.73 0.00	19.95 0.64 0.00	20.20 0.81 0.00	19.86 0.76 0.00	19.55 0.57 0.00	19.15 0.36 0.00	20.03 0.39 0.00	23.02 0.25 0.00	26.30 0.05 0.00	31.37 0.03 0.00	30.61 0.00 0.00	28.12 -0.43 0.00	22.14 -0.22 0.00	20.03 -0.30 0.00
DUNKIRK___2 23564	23.60 0.97 0.00	21.56 0.71 0.00	20.48 0.38 0.00	20.29 0.28 0.00	21.48 0.50 0.00	25.31 0.59 0.00	33.01 0.55 0.00	33.39 1.35 0.00	27.58 0.78 0.00	22.22 0.73 0.00	20.48 0.73 0.00	19.95 0.64 0.00	20.20 0.81 0.00	19.86 0.76 0.00	19.55 0.57 0.00	19.15 0.36 0.00	20.03 0.39 0.00	23.02 0.25 0.00	26.30 0.05 0.00	31.37 0.03 0.00	30.61 0.00 0.00	28.12 -0.43 0.00	22.14 -0.22 0.00	20.03 -0.30 0.00
DUNKIRK___3 23565	23.44 0.81 0.00	21.44 0.58 0.00	20.36 0.26 0.00	20.17 0.16 0.00	21.36 0.38 0.00	25.16 0.44 0.00	32.81 0.36 0.00	33.13 1.09 0.00	27.39 0.59 0.00	22.07 0.58 0.00	20.32 0.57 0.00	19.81 0.50 0.00	20.05 0.66 0.00	19.70 0.61 0.00	19.40 0.42 0.00	19.02 0.23 0.00	19.89 0.26 0.00	22.86 0.09 0.00	26.11 -0.13 0.00	31.18 -0.16 0.00	30.45 -0.15 0.00	28.03 -0.51 0.00	22.09 -0.27 0.00	20.01 -0.33 0.00
DUNKIRK___4 23566	23.44 0.81 0.00	21.44 0.58 0.00	20.36 0.26 0.00	20.17 0.16 0.00	21.36 0.38 0.00	25.16 0.44 0.00	32.81 0.36 0.00	33.13 1.09 0.00	27.39 0.59 0.00	22.07 0.58 0.00	20.32 0.57 0.00	19.81 0.50 0.00	20.05 0.66 0.00	19.70 0.61 0.00	19.40 0.42 0.00	19.02 0.23 0.00	19.89 0.26 0.00	22.86 0.09 0.00	26.11 -0.13 0.00	31.18 -0.16 0.00	30.45 -0.15 0.00	28.03 -0.51 0.00	22.09 -0.27 0.00	20.01 -0.33 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.87 1.24 0.00	21.90 1.04 0.00	21.13 1.03 0.00	21.05 1.04 0.00	22.05 1.07 0.00	26.03 1.31 0.00	34.66 2.21 0.00	34.29 2.24 0.00	28.44 1.64 0.00	22.82 1.33 0.00	20.92 1.17 0.00	20.51 1.20 0.00	20.49 1.11 0.00	20.26 1.16 0.00	20.18 1.20 0.00	20.03 1.24 0.00	20.92 1.28 0.00	24.38 1.62 0.00	28.11 1.86 0.00	34.00 2.66 0.00	33.21 2.60 0.00	30.60 2.06 0.00	23.86 1.50 0.00	21.73 1.40 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.75 1.13 0.00	21.83 0.98 0.00	21.06 0.96 0.00	20.97 0.96 0.00	21.99 1.01 0.00	25.93 1.21 0.00	34.47 2.01 0.00	34.03 1.99 0.00	28.25 1.45 0.00	22.54 1.05 0.00	20.66 0.91 0.00	20.18 0.87 0.00	20.22 0.83 0.00	19.97 0.88 0.00	19.91 0.93 0.00	19.77 0.98 0.00	20.64 1.00 0.00	24.13 1.37 0.00	27.87 1.63 0.00	33.66 2.32 0.00	32.90 2.30 0.00	30.38 1.83 0.00	23.70 1.34 0.00	21.59 1.26 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	24.12 1.49 -0.01	22.15 1.29 -0.01	21.37 1.27 -0.01	21.29 1.28 -0.01	22.31 1.32 -0.01	26.23 1.51 0.00	34.85 2.40 0.00	34.35 2.31 0.00	28.52 1.72 0.00	22.95 1.46 0.00	21.03 1.28 0.00	20.59 1.27 0.00	20.63 1.24 0.00	20.39 1.30 0.00	20.30 1.31 0.00	20.11 1.32 -0.01	21.05 1.41 0.00	24.54 1.78 0.00	28.26 2.02 0.00	34.16 2.82 0.00	33.36 2.75 0.00	30.72 2.17 0.00	24.01 1.65 0.00	21.97 1.63 -0.01
E179THST_13_KV_LOAD 356214	24.21 1.58 -0.01	22.22 1.36 -0.01	21.45 1.35 -0.01	21.35 1.34 -0.01	22.37 1.38 -0.01	26.30 1.58 0.00	34.98 2.53 0.00	34.48 2.44 0.00	28.65 1.85 0.00	23.04 1.55 0.00	21.13 1.38 0.00	20.68 1.37 0.00	20.71 1.32 0.00	20.47 1.37 0.00	20.37 1.39 0.00	20.20 1.41 -0.01	21.13 1.49 0.00	24.63 1.87 0.00	28.40 2.15 0.00	34.32 2.98 0.00	33.51 2.91 0.00	30.86 2.31 0.00	24.10 1.74 0.00	22.05 1.71 -0.01
EAST HAMPTON___GT 23717	26.43 2.71 -1.09	25.43 2.36 -2.22	26.81 2.19 -4.52	23.79 2.26 -1.52	25.00 2.54 -1.49	31.91 3.01 -4.17	46.20 4.09 -9.66	46.19 4.14 -10.01	29.70 2.90 0.00	23.79 2.30 0.00	21.77 2.02 0.00	21.37 2.05 -0.01	21.21 1.82 0.00	20.94 1.85 0.00	20.79 1.80 0.00	20.86 2.07 -0.01	24.40 2.30 -2.47	28.76 2.96 -3.04	33.85 3.20 -4.40	45.05 4.29 -9.42	45.39 4.41 -10.38	41.03 3.51 -8.97	33.06 3.02 -7.69	29.95 2.68 -6.93
EAST RIVER___6 23660	24.12 1.49 0.00	22.08 1.23 0.00	21.20 1.10 0.00	21.11 1.10 0.00	22.20 1.22 0.00	26.23 1.51 0.00	35.08 2.63 0.00	34.76 2.72 0.00	28.76 1.96 0.00	23.10 1.61 0.00	21.19 1.44 0.00	21.24 1.47 -0.47	20.77 1.38 0.00	20.55 1.43 -0.03	20.47 1.46 -0.03	20.51 1.50 -0.22	21.17 1.53 0.00	24.70 1.93 0.00	28.45 2.20 0.00	34.41 3.07 0.00	33.61 3.00 0.00	30.89 2.34 0.00	24.10 1.75 0.00	21.90 1.57 0.00
EAST RIVER___7 23524	24.12 1.49 0.00	22.08 1.23 0.00	21.20 1.10 0.00	21.11 1.10 0.00	22.20 1.22 0.00	26.23 1.51 0.00	35.08 2.63 0.00	34.76 2.72 0.00	28.76 1.96 0.00	23.10 1.61 0.00	21.19 1.44 0.00	21.24 1.47 -0.47	20.77 1.38 0.00	20.55 1.43 -0.03	20.47 1.46 -0.03	20.51 1.50 -0.22	21.17 1.53 0.00	24.70 1.93 0.00	28.45 2.20 0.00	34.41 3.07 0.00	33.61 3.00 0.00	30.89 2.34 0.00	24.10 1.75 0.00	21.90 1.57 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.84 1.22 0.00	21.88 1.02 0.00	21.13 1.03 0.00	21.03 1.02 0.00	22.03 1.05 0.00	25.98 1.26 0.00	34.60 2.14 0.00	34.22 2.18 0.00	28.39 1.58 0.00	22.76 1.27 0.00	20.86 1.11 0.00	20.44 1.12 -0.01	20.44 1.05 0.00	20.20 1.11 0.00	20.12 1.14 0.00	19.98 1.18 -0.01	20.86 1.22 0.00	24.34 1.57 0.00	28.05 1.81 0.00	33.91 2.57 0.00	33.15 2.54 0.00	30.55 2.00 0.00	23.81 1.45 0.00	21.71 1.38 0.00
EAST_HAMPTON___DIESEL 23722	26.45 2.74 -1.09	25.45 2.38 -2.22	26.83 2.21 -4.52	23.79 2.26 -1.52	25.00 2.54 -1.49	31.91 3.01 -4.18	46.20 4.09 -9.66	46.19 4.14 -10.01	29.73 2.92 0.00	23.81 2.32 0.00	21.77 2.02 0.00	21.37 2.05 -0.01	21.23 1.84 0.00	20.94 1.85 0.00	20.81 1.82 0.00	20.86 2.07 -0.01	24.40 2.30 -2.47	28.76 2.96 -3.04	33.85 3.20 -4.40	45.05 4.29 -9.42	45.39 4.41 -10.38	41.06 3.54 -8.97	33.06 3.02 -7.69	29.95 2.68 -6.93
EAST_POINT___SOLAR 323840	24.59 1.97 0.00	22.81 1.96 0.00	21.91 1.81 0.00	21.83 1.82 0.00	22.89 1.91 0.00	26.92 2.20 0.00	35.96 3.51 0.00	35.05 3.01 0.00	28.87 2.06 0.00	22.84 1.35 0.00	20.84 1.09 0.00	20.43 1.12 0.00	20.55 1.16 0.00	20.12 1.03 0.00	20.08 1.10 0.00	19.92 1.13 0.00	20.82 1.18 0.00	24.38 1.62 0.00	28.40 2.15 0.00	34.41 3.07 0.00	33.79 3.18 0.00	31.38 2.83 0.00	24.41 2.06 0.00	22.04 1.71 0.00
EAST_PULASKI___ESR 323781	22.31 -0.32 0.00	20.54 -0.31 0.00	19.82 -0.28 0.00	19.73 -0.28 0.00	20.66 -0.31 0.00	24.37 -0.35 0.00	32.23 -0.23 0.00	31.79 -0.26 0.00	26.37 -0.43 0.00	21.17 -0.32 0.00	19.45 -0.30 0.00	19.00 -0.31 0.00	19.08 -0.31 0.00	18.79 -0.31 0.00	18.64 -0.34 0.00	18.45 -0.34 0.00	19.23 -0.41 0.00	22.22 -0.55 0.00	25.69 -0.55 0.00	30.81 -0.53 0.00	30.21 -0.40 0.00	28.04 -0.51 0.00	21.96 -0.40 0.00	19.93 -0.41 0.00
EAST_RIVER___1 323558	24.07 1.45 0.00	22.06 1.21 0.00	21.20 1.10 0.00	21.09 1.08 0.00	22.17 1.20 0.00	26.20 1.48 0.00	35.02 2.56 0.00	34.67 2.63 0.00	28.68 1.88 0.00	23.04 1.55 0.00	21.11 1.36 0.00	21.17 1.39 -0.47	20.69 1.30 0.00	20.48 1.36 -0.03	20.40 1.39 0.00	20.44 1.43 -0.22	21.11 1.47 0.00	24.61 1.84 0.00	28.34 2.10 0.00	34.32 2.98 0.00	33.52 2.91 0.00	30.83 2.28 0.00	24.08 1.72 0.00	21.88 1.54 0.00
EAST_RIVER___2 323559	24.12 1.49 0.00	22.08 1.23 0.00	21.20 1.10 0.00	21.11 1.10 0.00	22.20 1.22 0.00	26.23 1.51 0.00	35.08 2.63 0.00	34.76 2.72 0.00	28.76 1.96 0.00	23.10 1.61 0.00	21.19 1.44 0.00	21.24 1.47 -0.47	20.77 1.38 0.00	20.55 1.43 -0.03	20.47 1.46 -0.03	20.51 1.50 -0.22	21.17 1.53 0.00	24.70 1.93 0.00	28.45 2.20 0.00	34.41 3.07 0.00	33.61 3.00 0.00	30.89 2.34 0.00	24.10 1.75 0.00	21.90 1.57 0.00
EAST___DELAWARE_HYD 23607	23.71 1.09 0.00	21.73 0.88 0.00	20.92 0.82 0.00	20.83 0.82 0.00	21.92 0.94 0.00	25.86 1.14 0.00	34.47 2.01 0.00	33.90 1.86 0.00	28.04 1.23 0.00	22.26 0.77 0.00	20.34 0.59 0.00	19.75 0.44 0.00	19.81 0.43 0.00	19.57 0.48 0.00	19.52 0.53 0.00	19.39 0.60 0.00	20.27 0.63 0.00	23.72 0.96 0.00	27.50 1.26 0.00	33.19 1.85 0.00	32.47 1.87 0.00	30.00 1.46 0.00	23.43 1.07 0.00	21.27 0.94 0.00
EIGHT_POINT___WT_PWR 323820	23.98 1.36 0.00	21.94 1.08 0.00	21.27 1.17 0.00	21.19 1.18 0.00	21.94 0.97 0.00	25.98 1.26 0.00	34.40 1.95 0.00	34.06 2.02 0.00	28.01 1.21 0.00	22.48 0.99 0.00	20.62 0.87 0.00	20.10 0.79 0.00	20.30 0.91 0.00	19.97 0.88 0.00	19.65 0.66 0.00	19.30 0.51 0.00	20.11 0.47 0.00	23.18 0.41 0.00	26.66 0.42 0.00	31.87 0.53 0.00	30.97 0.37 0.00	28.46 -0.09 0.00	22.36 0.00 0.00	20.33 0.00 0.00
ELBRIDGE_115KV_TB2 80188	23.14 0.52 0.00	21.25 0.40 0.00	20.40 0.30 0.00	20.29 0.28 0.00	21.34 0.36 0.00	25.14 0.42 0.00	33.17 0.71 0.00	32.97 0.93 0.00	27.37 0.56 0.00	21.92 0.43 0.00	20.13 0.38 0.00	19.68 0.37 0.00	19.78 0.39 0.00	19.45 0.36 0.00	19.23 0.25 0.00	18.98 0.19 0.00	19.84 0.20 0.00	22.93 0.16 0.00	26.45 0.21 0.00	31.68 0.34 0.00	31.00 0.40 0.00	28.72 0.17 0.00	22.54 0.18 0.00	20.41 0.08 0.00
ELEC_TRO_TEK 24086	25.31 1.61 -1.08	24.44 1.38 -2.21	25.96 1.35 -4.52	22.88 1.36 -1.52	23.86 1.41 -1.48	28.26 1.68 -1.86	34.92 2.43 -0.03	34.52 2.47 -0.01	28.63 1.82 0.00	22.97 1.48 0.00	21.07 1.32 0.00	20.67 1.35 -0.01	20.63 1.24 0.00	20.39 1.30 0.00	20.29 1.31 0.00	20.21 1.41 -0.01	21.16 1.51 -0.01	24.71 1.94 -0.01	28.41 2.15 -0.01	34.25 2.91 0.00	33.64 3.03 0.00	30.86 2.31 0.00	26.57 1.83 -2.38	22.08 1.73 -0.02



ELLENBURG_WT_PWR 323604	22.40 -0.23 0.00	20.75 -0.10 0.00	20.02 -0.08 0.00	19.95 -0.06 0.00	21.02 0.04 0.00	24.79 0.07 0.00	31.19 -1.27 0.00	30.92 -1.12 0.00	26.99 0.19 0.00	21.55 0.06 0.00	19.75 0.00 0.00	19.29 -0.02 0.00	19.43 0.04 0.00	19.05 -0.04 0.00	18.97 -0.02 0.00	18.73 -0.06 0.00	19.60 -0.04 0.00	22.74 -0.02 0.00	26.19 -0.05 0.00	30.84 -0.50 0.00	29.84 -0.76 0.00	27.98 -0.57 0.00	21.73 -0.63 0.00	20.27 -0.06 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.14 0.52 0.00	21.17 0.31 0.00	20.08 -0.02 0.00	19.89 -0.12 0.00	21.06 0.08 0.00	24.77 0.05 0.00	32.23 -0.23 0.00	32.52 0.48 0.00	26.88 0.08 0.00	21.68 0.19 0.00	19.97 0.22 0.00	19.48 0.17 0.00	19.72 0.33 0.00	19.38 0.29 0.00	19.06 0.08 0.00	18.70 -0.09 0.00	19.54 -0.10 0.00	22.42 -0.34 0.00	25.61 -0.63 0.00	30.59 -0.75 0.00	29.90 -0.70 0.00	27.58 -0.97 0.00	21.80 -0.56 0.00	19.78 -0.55 0.00
EMPIRE_CC_1 323656	22.78 0.16 0.00	21.04 0.19 0.00	20.24 0.14 0.00	20.15 0.14 0.00	21.17 0.19 0.00	24.89 0.17 0.00	32.87 0.42 0.00	32.40 0.35 0.00	26.80 0.00 0.00	21.40 -0.09 0.00	19.79 0.04 0.00	19.37 0.06 0.00	19.41 0.02 0.00	19.13 0.04 0.00	19.06 0.08 0.00	18.88 0.09 0.00	19.76 0.12 0.00	22.90 0.14 0.00	26.43 0.19 0.00	31.93 0.59 0.00	31.16 0.55 0.00	28.89 0.34 0.00	22.63 0.27 0.00	20.68 0.35 0.00
EMPIRE_CC_2 323658	22.78 0.16 0.00	21.04 0.19 0.00	20.24 0.14 0.00	20.15 0.14 0.00	21.17 0.19 0.00	24.89 0.17 0.00	32.87 0.42 0.00	32.40 0.35 0.00	26.80 0.00 0.00	21.40 -0.09 0.00	19.79 0.04 0.00	19.37 0.06 0.00	19.41 0.02 0.00	19.13 0.04 0.00	19.06 0.08 0.00	18.88 0.09 0.00	19.76 0.12 0.00	22.90 0.14 0.00	26.43 0.19 0.00	31.93 0.59 0.00	31.16 0.55 0.00	28.89 0.34 0.00	22.63 0.27 0.00	20.68 0.35 0.00
ENORWICH_115KV_TB1 80156	24.86 2.24 0.00	22.90 2.04 0.00	21.95 1.85 0.00	21.87 1.86 0.00	23.01 2.03 0.00	27.17 2.45 0.00	36.12 3.67 0.00	35.66 3.62 0.00	29.08 2.28 0.00	23.04 1.55 0.00	20.93 1.18 0.00	20.31 1.00 0.00	20.53 1.14 0.00	20.20 1.11 0.00	20.10 1.12 0.00	19.86 1.07 0.00	20.80 1.16 0.00	24.27 1.50 0.00	28.24 1.99 0.00	34.22 2.88 0.00	33.48 2.88 0.00	30.95 2.40 0.00	24.26 1.90 0.00	21.82 1.48 0.00
ERIE_ST__34_KV_TB1-2 80199	23.46 0.84 0.00	21.44 0.58 0.00	20.36 0.26 0.00	20.17 0.16 0.00	21.36 0.38 0.00	25.19 0.47 0.00	32.84 0.39 0.00	33.23 1.19 0.00	27.39 0.59 0.00	22.07 0.58 0.00	20.32 0.57 0.00	19.79 0.48 0.00	20.05 0.66 0.00	19.72 0.63 0.00	19.40 0.42 0.00	19.02 0.23 0.00	19.91 0.27 0.00	22.86 0.09 0.00	26.11 -0.13 0.00	31.21 -0.13 0.00	30.51 -0.09 0.00	28.15 -0.40 0.00	22.22 -0.13 0.00	20.13 -0.20 0.00
ERIE_WT_PWR 323693	23.33 0.70 0.00	21.33 0.48 0.00	20.74 0.64 0.00	20.67 0.66 0.00	21.25 0.27 0.00	25.11 0.39 0.00	33.10 0.65 0.00	32.87 0.83 0.00	27.07 0.27 0.00	21.85 0.36 0.00	20.14 0.39 0.00	19.64 0.33 0.00	19.87 0.48 0.00	19.55 0.46 0.00	19.23 0.25 0.00	18.85 0.06 0.00	19.72 0.08 0.00	22.63 -0.14 0.00	25.88 -0.37 0.00	30.87 -0.47 0.00	30.18 -0.43 0.00	27.81 -0.74 0.00	22.00 -0.36 0.00	20.11 -0.22 0.00
ESPRGFLD_115KV_TB1 80157	24.32 1.70 0.00	22.50 1.65 0.00	21.61 1.51 0.00	21.51 1.50 0.00	22.59 1.62 0.00	26.62 1.90 0.00	35.41 2.95 0.00	34.80 2.76 0.00	28.71 1.90 0.00	22.82 1.33 0.00	20.82 1.07 0.00	20.35 1.04 0.00	20.49 1.11 0.00	20.12 1.03 0.00	20.05 1.06 0.00	19.84 1.05 0.00	20.72 1.08 0.00	24.18 1.41 0.00	28.08 1.84 0.00	33.91 2.57 0.00	33.27 2.66 0.00	30.86 2.31 0.00	24.06 1.70 0.00	21.76 1.42 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.42 0.79 0.00	21.52 0.67 0.00	20.68 0.58 0.00	20.57 0.56 0.00	21.63 0.65 0.00	25.51 0.79 0.00	33.69 1.23 0.00	33.42 1.38 0.00	27.64 0.83 0.00	22.09 0.60 0.00	20.24 0.49 0.00	19.77 0.46 0.00	19.89 0.50 0.00	19.55 0.46 0.00	19.38 0.40 0.00	19.15 0.36 0.00	20.03 0.39 0.00	23.22 0.46 0.00	26.85 0.60 0.00	32.22 0.88 0.00	31.49 0.89 0.00	29.21 0.66 0.00	22.87 0.51 0.00	20.74 0.41 0.00
ETNA____115KV_TB2 80207	23.42 0.79 0.00	21.52 0.67 0.00	20.68 0.58 0.00	20.57 0.56 0.00	21.63 0.65 0.00	25.51 0.79 0.00	33.69 1.23 0.00	33.42 1.38 0.00	27.64 0.83 0.00	22.09 0.60 0.00	20.24 0.49 0.00	19.77 0.46 0.00	19.89 0.50 0.00	19.55 0.46 0.00	19.38 0.40 0.00	19.15 0.36 0.00	20.03 0.39 0.00	23.22 0.46 0.00	26.85 0.60 0.00	32.22 0.88 0.00	31.49 0.89 0.00	29.21 0.66 0.00	22.87 0.51 0.00	20.74 0.41 0.00
EUCLID__115KV_TB2 356179	22.44 -0.18 0.00	20.65 -0.21 0.00	19.88 -0.22 0.00	19.79 -0.22 0.00	20.75 -0.23 0.00	24.45 -0.27 0.00	32.23 -0.23 0.00	31.91 -0.13 0.00	26.56 -0.24 0.00	21.34 -0.15 0.00	19.63 -0.12 0.00	19.17 -0.14 0.00	19.27 -0.12 0.00	18.98 -0.11 0.00	18.83 -0.15 0.00	18.60 -0.19 0.00	19.44 -0.20 0.00	22.45 -0.32 0.00	25.88 -0.37 0.00	31.03 -0.31 0.00	30.30 -0.31 0.00	28.15 -0.40 0.00	22.07 -0.29 0.00	20.05 -0.28 0.00
E_CANADA_CAP_HY 24051	24.55 1.92 0.00	22.77 1.92 0.00	21.89 1.79 0.00	21.81 1.80 0.00	22.87 1.89 0.00	26.87 2.15 0.00	35.86 3.41 0.00	34.99 2.95 0.00	28.79 1.98 0.00	22.80 1.31 0.00	20.82 1.07 0.00	20.39 1.08 0.00	20.53 1.14 0.00	20.10 1.01 0.00	20.07 1.08 0.00	19.90 1.11 0.00	20.78 1.14 0.00	24.34 1.57 0.00	28.32 2.07 0.00	34.32 2.98 0.00	33.70 3.09 0.00	31.29 2.74 0.00	24.39 2.03 0.00	22.02 1.69 0.00
E_CANADA_MHWK_HY 24050	22.71 0.09 0.00	20.94 0.08 0.00	20.18 0.08 0.00	20.09 0.08 0.00	21.06 0.08 0.00	24.79 0.07 0.00	32.71 0.26 0.00	32.20 0.16 0.00	26.75 -0.05 0.00	21.47 -0.02 0.00	19.75 0.00 0.00	19.29 -0.02 0.00	19.39 0.00 0.00	19.11 0.02 0.00	19.02 0.04 0.00	18.83 0.04 0.00	19.66 0.02 0.00	22.83 0.07 0.00	26.27 0.03 0.00	31.43 0.09 0.00	30.58 -0.03 0.00	28.46 -0.09 0.00	22.27 -0.09 0.00	20.23 -0.10 0.00
E_FISHKILL__LBMP 23776	23.60 0.97 0.00	21.71 0.86 0.00	20.94 0.84 0.00	20.87 0.86 0.00	21.86 0.88 0.00	25.78 1.06 0.00	34.27 1.82 0.00	33.87 1.83 0.00	28.06 1.26 0.00	22.46 0.97 0.00	20.60 0.85 0.00	20.18 0.87 0.00	20.20 0.81 0.00	19.95 0.86 0.00	19.86 0.87 0.00	19.71 0.92 0.00	20.60 0.96 0.00	24.04 1.27 0.00	27.74 1.50 0.00	33.53 2.19 0.00	32.75 2.14 0.00	30.23 1.68 0.00	23.59 1.23 0.00	21.49 1.16 0.00
FALCON__SEABRD_CC1 323796	22.37 -0.25 0.00	20.77 -0.08 0.00	20.06 -0.04 0.00	19.99 -0.02 0.00	21.08 0.11 0.00	24.89 0.17 0.00	30.47 -1.98 0.00	30.28 -1.76 0.00	27.15 0.35 0.00	21.64 0.15 0.00	19.79 0.04 0.00	19.35 0.04 0.00	19.49 0.10 0.00	19.09 0.00 0.00	18.98 0.00 0.00	18.75 -0.04 0.00	19.64 0.00 0.00	22.79 0.02 0.00	26.27 0.03 0.00	30.87 -0.47 0.00	29.81 -0.80 0.00	27.89 -0.66 0.00	21.62 -0.74 0.00	20.58 0.24 0.00



FALCON___SEABRD_CC2 323797	22.37 -0.25 0.00	20.77 -0.08 0.00	20.06 -0.04 0.00	19.99 -0.02 0.00	21.08 0.11 0.00	24.89 0.17 0.00	30.47 -1.98 0.00	30.28 -1.76 0.00	27.15 0.35 0.00	21.64 0.15 0.00	19.79 0.04 0.00	19.35 0.04 0.00	19.49 0.10 0.00	19.09 0.00 0.00	18.98 0.00 0.00	18.75 -0.04 0.00	19.64 0.00 0.00	22.79 0.02 0.00	26.27 0.03 0.00	30.87 -0.47 0.00	29.81 -0.80 0.00	27.89 -0.66 0.00	21.62 -0.74 0.00	20.58 0.24 0.00
FAR ROCKAWAY___4 23548	25.58 1.88 -1.08	24.69 1.63 -2.21	26.18 1.57 -4.52	23.10 1.58 -1.52	24.09 1.64 -1.48	28.55 1.98 -1.85	35.26 2.79 -0.02	34.87 2.82 0.00	28.92 2.12 0.00	23.17 1.68 0.00	21.25 1.50 0.00	20.87 1.54 -0.01	20.82 1.43 0.00	20.56 1.47 0.00	20.47 1.48 0.00	20.37 1.58 -0.01	21.35 1.71 0.00	24.93 2.16 -0.01	28.72 2.47 -0.01	34.66 3.32 0.00	34.03 3.43 0.00	31.23 2.68 0.00	26.81 2.08 -2.37	22.30 1.95 -0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.07 1.45 0.00	22.06 1.21 0.00	21.29 1.19 0.00	21.19 1.18 0.00	22.20 1.22 0.00	26.18 1.46 0.00	34.92 2.47 0.00	34.54 2.50 0.00	28.65 1.85 0.00	23.04 1.55 0.00	21.11 1.36 0.00	21.18 1.39 -0.48	20.69 1.30 0.00	20.47 1.36 -0.03	20.40 1.39 -0.03	20.44 1.43 -0.23	21.11 1.47 0.00	24.61 1.84 0.00	28.37 2.13 0.00	34.32 2.98 0.00	33.51 2.91 0.00	30.86 2.31 0.00	24.01 1.65 0.00	21.90 1.57 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	24.07 1.45 0.00	22.04 1.19 0.00	21.27 1.17 0.00	21.19 1.18 0.00	22.20 1.22 0.00	26.18 1.46 0.00	34.92 2.47 0.00	34.51 2.47 0.00	28.65 1.85 0.00	23.04 1.55 0.00	21.11 1.36 0.00	21.18 1.39 -0.48	20.69 1.30 0.00	20.47 1.36 -0.03	20.40 1.39 -0.03	20.44 1.43 -0.23	21.11 1.47 0.00	24.61 1.84 0.00	28.37 2.13 0.00	34.32 2.98 0.00	33.51 2.91 0.00	30.86 2.31 0.00	23.99 1.63 0.00	21.90 1.57 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.05 1.43 0.00	22.04 1.19 0.00	21.27 1.17 0.00	21.17 1.16 0.00	22.17 1.20 0.00	26.15 1.43 0.00	34.89 2.43 0.00	34.48 2.44 0.00	28.63 1.82 0.00	23.01 1.53 0.00	21.09 1.34 0.00	21.16 1.37 -0.48	20.67 1.28 0.00	20.45 1.34 -0.03	20.38 1.37 -0.03	20.43 1.41 -0.23	21.09 1.45 0.00	24.59 1.82 0.00	28.34 2.10 0.00	34.29 2.95 0.00	33.48 2.88 0.00	30.83 2.28 0.00	23.97 1.61 0.00	21.88 1.55 0.00
FARRAGUT___LBMP 323566	24.03 1.40 0.00	22.02 1.17 0.00	21.25 1.15 0.00	21.17 1.16 0.00	22.15 1.17 0.00	26.15 1.43 0.00	34.85 2.40 0.00	34.48 2.44 0.00	28.60 1.80 0.00	22.99 1.50 0.00	21.07 1.32 0.00	21.14 1.35 -0.48	20.65 1.26 0.00	20.44 1.32 -0.03	20.36 1.35 -0.03	20.41 1.39 -0.23	21.07 1.43 0.00	24.56 1.80 0.00	28.32 2.07 0.00	34.25 2.91 0.00	33.45 2.85 0.00	30.80 2.26 0.00	23.97 1.61 0.00	21.88 1.55 0.00
FENNER___WINDPWR 24204	23.50 0.88 0.00	21.67 0.81 0.00	20.86 0.76 0.00	20.79 0.78 0.00	21.78 0.80 0.00	25.71 0.99 0.00	34.11 1.65 0.00	33.58 1.54 0.00	27.77 0.96 0.00	22.18 0.69 0.00	20.30 0.55 0.00	19.77 0.46 0.00	19.91 0.52 0.00	19.61 0.52 0.00	19.50 0.51 0.00	19.28 0.49 0.00	20.15 0.51 0.00	23.29 0.52 0.00	26.95 0.71 0.00	32.37 1.03 0.00	31.65 1.04 0.00	29.40 0.86 0.00	23.03 0.67 0.00	20.84 0.51 0.00
FIBERTEK___ENERGY 23856	23.01 0.38 0.00	21.15 0.29 0.00	20.32 0.22 0.00	20.21 0.20 0.00	21.23 0.25 0.00	25.02 0.30 0.00	33.01 0.55 0.00	32.75 0.70 0.00	27.21 0.40 0.00	21.81 0.32 0.00	20.05 0.30 0.00	19.58 0.27 0.00	19.68 0.29 0.00	19.36 0.27 0.00	19.17 0.19 0.00	18.92 0.13 0.00	19.78 0.14 0.00	22.86 0.09 0.00	26.37 0.13 0.00	31.59 0.25 0.00	30.88 0.28 0.00	28.66 0.11 0.00	22.47 0.11 0.00	20.39 0.06 0.00
FITZPATRICK____ 23598	21.99 -0.63 0.00	20.27 -0.58 0.00	19.56 -0.54 0.00	19.47 -0.54 0.00	20.37 -0.61 0.00	24.00 -0.72 0.00	31.64 -0.81 0.00	31.24 -0.80 0.00	26.05 -0.75 0.00	20.93 -0.56 0.00	19.28 -0.47 0.00	18.85 -0.46 0.00	18.92 -0.47 0.00	18.63 -0.46 0.00	18.51 -0.47 0.00	18.30 -0.49 0.00	19.11 -0.53 0.00	22.06 -0.71 0.00	25.40 -0.84 0.00	30.40 -0.94 0.00	29.72 -0.89 0.00	27.63 -0.91 0.00	21.64 -0.72 0.00	19.68 -0.65 0.00
FLOWRFLD_69_KV_BK1 356044	25.76 2.06 -1.08	24.84 1.77 -2.21	26.30 1.69 -4.52	23.24 1.72 -1.52	24.28 1.83 -1.48	31.44 2.20 -4.52	46.46 2.89 -11.12	46.42 2.88 -11.50	28.92 2.12 0.00	23.32 1.83 0.00	21.33 1.58 0.00	20.96 1.64 -0.01	20.86 1.47 0.00	20.60 1.51 0.00	20.50 1.52 0.00	20.51 1.71 -0.01	24.37 1.91 -2.83	28.67 2.41 -3.49	33.86 2.55 -5.07	45.44 3.29 -10.81	45.97 3.46 -11.90	41.47 2.63 -10.29	33.12 2.28 -8.48	30.46 2.16 -7.97
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.00 1.38 0.00	22.02 1.17 0.00	21.27 1.17 0.00	21.19 1.18 0.00	22.20 1.22 0.00	26.18 1.46 0.00	34.85 2.40 0.00	34.35 2.31 0.00	28.49 1.69 0.00	22.69 1.20 0.00	20.76 1.01 0.00	20.24 0.93 0.00	20.30 0.91 0.00	20.07 0.97 0.00	20.01 1.03 0.00	19.88 1.09 0.00	20.76 1.12 0.00	24.29 1.53 0.00	28.13 1.89 0.00	33.97 2.63 0.00	33.21 2.60 0.00	30.63 2.08 0.00	23.90 1.54 0.00	21.78 1.44 0.00
FORT ORANGE____ 23900	22.71 0.09 0.00	21.00 0.15 0.00	20.22 0.12 0.00	20.13 0.12 0.00	21.11 0.13 0.00	24.82 0.10 0.00	32.84 0.39 0.00	32.27 0.23 0.00	26.72 -0.08 0.00	21.40 -0.09 0.00	19.67 -0.08 0.00	19.27 -0.04 0.00	19.33 -0.06 0.00	19.02 -0.08 0.00	18.97 -0.02 0.00	18.79 0.00 0.00	19.68 0.04 0.00	22.93 0.16 0.00	26.45 0.21 0.00	31.93 0.59 0.00	31.19 0.58 0.00	28.89 0.34 0.00	22.67 0.31 0.00	20.64 0.31 0.00
FORT_DRUM_COGEN 23780	22.44 -0.18 0.00	20.71 -0.15 0.00	19.92 -0.18 0.00	19.85 -0.16 0.00	20.83 -0.15 0.00	24.59 -0.12 0.00	32.65 0.19 0.00	32.17 0.13 0.00	26.54 -0.27 0.00	21.21 -0.28 0.00	19.41 -0.34 0.00	18.88 -0.42 0.00	19.02 -0.37 0.00	18.69 -0.40 0.00	18.60 -0.38 0.00	18.40 -0.39 0.00	19.09 -0.55 0.00	22.17 -0.59 0.00	25.74 -0.50 0.00	31.03 -0.31 0.00	30.45 -0.15 0.00	28.29 -0.26 0.00	22.11 -0.25 0.00	19.95 -0.39 0.00
FOX_HILLS___ESR 323835	24.37 1.74 -0.01	22.34 1.48 -0.01	21.54 1.43 -0.01	21.45 1.44 -0.01	22.48 1.49 -0.01	26.42 1.71 0.00	35.15 2.69 0.00	34.67 2.63 0.00	28.71 1.90 0.00	23.08 1.59 0.00	21.15 1.40 0.00	21.16 1.31 -0.54	20.75 1.36 0.00	20.55 1.43 -0.03	20.46 1.44 -0.03	20.40 1.35 -0.25	21.21 1.57 0.00	24.77 2.00 0.00	28.55 2.31 0.00	34.54 3.20 0.00	33.73 3.12 0.00	31.12 2.57 0.00	24.26 1.90 0.00	22.15 1.81 -0.01
FPL FAR_ROCK_GT1 24212	25.59 1.88 -1.09	24.70 1.63 -2.22	26.13 1.51 -4.52	23.03 1.50 -1.52	24.10 1.64 -1.49	28.58 2.00 -1.86	35.39 2.92 -0.02	35.03 2.98 0.00	28.95 2.15 0.00	23.17 1.68 0.00	21.25 1.50 0.00	20.87 1.55 -0.01	20.82 1.43 0.00	20.56 1.47 0.00	20.47 1.48 0.00	20.37 1.58 -0.01	21.36 1.71 -0.01	24.94 2.16 -0.01	28.69 2.44 -0.01	34.63 3.29 0.00	34.01 3.40 -0.01	31.17 2.62 0.00	26.89 2.15 -2.38	22.26 1.91 -0.02



FPL FAR_ROCK_GT2 23815	25.59 1.88 -1.09	24.70 1.63 -2.22	26.13 1.51 -4.52	23.03 1.50 -1.52	24.10 1.64 -1.49	28.58 2.00 -1.86	35.39 2.92 -0.02	35.03 2.98 0.00	28.95 2.15 0.00	23.17 1.68 0.00	12.25 1.50 0.00	20.87 1.55 -0.01	20.82 1.43 0.00	20.56 1.47 0.00	20.47 1.48 0.00	20.37 1.58 -0.01	21.36 1.71 -0.01	24.94 2.16 -0.01	28.69 2.44 -0.01	34.63 3.29 0.00	34.01 3.40 -0.01	31.17 2.62 0.00	26.89 2.15 -2.38	22.26 1.91 -0.02
FRANKLIN_FALL_HYD 24054	22.46 -0.16 0.00	20.83 -0.02 0.00	20.10 0.00 0.00	20.03 0.02 0.00	21.06 0.08 0.00	24.89 0.17 0.00	32.45 0.00 0.00	32.11 0.06 0.00	27.05 0.24 0.00	21.60 0.11 0.00	19.75 0.00 0.00	19.29 -0.02 0.00	19.45 0.06 0.00	19.05 -0.04 0.00	18.95 -0.04 0.00	18.73 -0.06 0.00	19.60 -0.04 0.00	22.77 0.00 0.00	26.27 0.03 0.00	30.93 -0.41 0.00	30.02 -0.58 0.00	28.18 -0.37 0.00	22.31 -0.04 0.00	20.21 -0.12 0.00
FREEPORT_EQUS_GT1 23764	25.52 1.81 -1.09	24.62 1.54 -2.22	26.05 1.43 -4.52	22.95 1.42 -1.52	24.04 1.57 -1.49	28.52 1.93 -1.87	35.25 2.73 -0.07	34.87 2.82 -0.01	28.84 2.04 0.00	23.08 1.59 0.00	21.17 1.42 0.00	20.79 1.47 -0.01	20.73 1.34 0.00	20.49 1.39 0.00	20.37 1.39 0.00	20.30 1.50 -0.01	21.31 1.65 -0.02	24.89 2.09 -0.03	28.56 2.28 -0.03	34.44 3.10 0.00	33.83 3.21 -0.01	31.00 2.46 0.00	26.82 2.06 -2.41	22.20 1.81 -0.06
FREEPORT___CT2 23818	25.52 1.81 -1.09	24.62 1.54 -2.22	26.05 1.43 -4.52	22.95 1.42 -1.52	24.04 1.57 -1.49	28.52 1.93 -1.87	35.25 2.73 -0.07	34.87 2.82 -0.01	28.84 2.04 0.00	23.08 1.59 0.00	21.17 1.42 0.00	20.79 1.47 -0.01	20.73 1.34 0.00	20.49 1.39 0.00	20.37 1.39 0.00	20.30 1.50 -0.01	21.31 1.65 -0.02	24.89 2.09 -0.03	28.56 2.28 -0.03	34.44 3.10 0.00	33.83 3.21 -0.01	31.00 2.46 0.00	26.82 2.06 -2.41	22.20 1.81 -0.06
FRESHKLS_33_KV_LOAD 356253	24.49 1.86 -0.01	22.45 1.58 -0.01	21.64 1.53 -0.01	21.53 1.52 -0.01	22.60 1.62 -0.01	26.55 1.83 0.00	35.24 2.79 0.00	34.70 2.66 0.00	28.65 1.85 0.00	23.04 1.55 0.00	21.11 1.36 0.00	21.03 1.24 -0.49	20.71 1.32 0.00	20.52 1.39 -0.03	20.42 1.40 -0.03	20.30 1.28 -0.23	21.21 1.57 0.00	24.77 2.00 0.00	28.55 2.31 0.00	34.54 3.20 0.00	33.76 3.15 0.00	31.17 2.63 0.00	24.33 1.97 0.00	22.21 1.87 -0.01
FULTON COGEN____ 23766	22.19 -0.43 0.00	20.44 -0.42 0.00	19.68 -0.42 0.00	19.59 -0.42 0.00	20.54 -0.44 0.00	24.20 -0.52 0.00	31.90 -0.55 0.00	31.56 -0.48 0.00	26.29 -0.51 0.00	21.10 -0.39 0.00	19.41 -0.34 0.00	18.98 -0.33 0.00	19.06 -0.33 0.00	18.77 -0.32 0.00	18.62 -0.36 0.00	18.41 -0.38 0.00	19.25 -0.39 0.00	22.20 -0.57 0.00	25.61 -0.63 0.00	30.68 -0.66 0.00	29.99 -0.61 0.00	27.86 -0.69 0.00	21.82 -0.54 0.00	19.84 -0.49 0.00
FULTON___LFGE 323630	25.41 2.78 0.00	23.63 2.77 0.00	22.63 2.53 0.00	22.57 2.56 0.00	23.64 2.66 0.00	27.88 3.16 0.00	37.32 4.87 0.00	36.01 3.97 0.00	29.57 2.76 0.00	23.25 1.76 0.00	21.17 1.42 0.00	20.72 1.41 0.00	20.92 1.53 0.00	20.37 1.28 0.00	20.37 1.39 0.00	20.27 1.48 0.00	21.25 1.61 0.00	25.02 2.25 0.00	29.26 3.02 0.00	35.57 4.23 0.00	35.04 4.44 0.00	32.35 3.80 0.00	25.13 2.77 0.00	22.61 2.28 0.00
G.F.CEMENT___DRP 24184	23.30 0.68 0.00	21.50 0.65 0.00	20.68 0.58 0.00	20.61 0.60 0.00	21.59 0.61 0.00	25.46 0.74 0.00	33.78 1.33 0.00	33.04 0.99 0.00	27.37 0.56 0.00	21.73 0.24 0.00	19.91 0.16 0.00	19.44 0.14 0.00	19.54 0.16 0.00	19.13 0.04 0.00	19.12 0.13 0.00	18.96 0.17 0.00	19.84 0.20 0.00	23.20 0.43 0.00	26.95 0.71 0.00	32.72 1.38 0.00	32.01 1.41 0.00	29.60 1.06 0.00	23.05 0.69 0.00	20.92 0.59 0.00
GARDENVILLE___LBMP 24039	23.23 0.61 0.00	21.25 0.40 0.00	20.16 0.06 0.00	19.97 -0.04 0.00	21.15 0.17 0.00	24.89 0.17 0.00	32.39 -0.06 0.00	32.72 0.67 0.00	27.02 0.21 0.00	21.77 0.28 0.00	20.07 0.32 0.00	19.56 0.25 0.00	19.80 0.41 0.00	19.47 0.38 0.00	19.16 0.17 0.00	18.77 -0.02 0.00	19.64 0.00 0.00	22.54 -0.23 0.00	25.74 -0.50 0.00	30.74 -0.60 0.00	30.06 -0.55 0.00	27.69 -0.86 0.00	21.89 -0.47 0.00	19.84 -0.49 0.00
GARDNVLA_35_KV_LD 355827	23.35 0.72 0.00	21.35 0.50 0.00	20.28 0.18 0.00	20.09 0.08 0.00	21.25 0.27 0.00	25.02 0.30 0.00	32.58 0.13 0.00	32.91 0.87 0.00	27.15 0.35 0.00	21.90 0.41 0.00	20.16 0.41 0.00	19.66 0.35 0.00	19.91 0.52 0.00	19.57 0.48 0.00	19.27 0.28 0.00	18.87 0.08 0.00	19.74 0.10 0.00	22.65 -0.11 0.00	25.88 -0.37 0.00	30.90 -0.44 0.00	30.21 -0.40 0.00	27.86 -0.69 0.00	22.02 -0.34 0.00	19.97 -0.37 0.00
GELCKHM__115KV_LOAD 80723	22.65 0.02 0.00	20.83 -0.02 0.00	20.04 -0.06 0.00	19.95 -0.06 0.00	20.94 -0.04 0.00	24.67 -0.05 0.00	32.52 0.06 0.00	32.23 0.19 0.00	26.80 0.00 0.00	21.51 0.02 0.00	19.79 0.04 0.00	19.33 0.02 0.00	19.43 0.04 0.00	19.11 0.02 0.00	18.95 -0.04 0.00	18.73 -0.06 0.00	19.58 -0.06 0.00	22.61 -0.16 0.00	26.06 -0.18 0.00	31.21 -0.13 0.00	30.51 -0.09 0.00	28.32 -0.23 0.00	22.20 -0.16 0.00	20.17 -0.16 0.00
GENERAL___MILLS 23808	23.30 0.68 0.00	21.31 0.46 0.00	20.22 0.12 0.00	20.03 0.02 0.00	21.21 0.23 0.00	24.97 0.25 0.00	32.49 0.03 0.00	32.81 0.77 0.00	27.10 0.29 0.00	21.83 0.34 0.00	20.13 0.38 0.00	19.62 0.31 0.00	19.85 0.47 0.00	19.53 0.44 0.00	19.21 0.23 0.00	18.83 0.04 0.00	19.70 0.06 0.00	22.61 -0.16 0.00	25.82 -0.42 0.00	30.84 -0.50 0.00	30.15 -0.46 0.00	27.81 -0.74 0.00	21.98 -0.38 0.00	19.93 -0.41 0.00
GE_PLASTICS___DRP 24183	22.78 0.16 0.00	21.04 0.19 0.00	20.30 0.20 0.00	20.23 0.22 0.00	21.17 0.19 0.00	24.89 0.17 0.00	32.91 0.45 0.00	32.39 0.35 0.00	26.91 0.11 0.00	21.53 0.04 0.00	19.81 0.06 0.00	19.39 0.08 0.00	19.45 0.06 0.00	19.15 0.06 0.00	19.08 0.09 0.00	18.90 0.11 0.00	19.78 0.14 0.00	22.99 0.23 0.00	26.53 0.29 0.00	31.97 0.63 0.00	31.22 0.61 0.00	28.95 0.40 0.00	22.65 0.29 0.00	20.66 0.33 0.00
GILBOA___1 23756	23.08 0.45 0.00	21.25 0.40 0.00	20.48 0.38 0.00	20.37 0.36 0.00	21.40 0.42 0.00	25.21 0.49 0.00	33.43 0.97 0.00	32.94 0.90 0.00	27.34 0.54 0.00	21.88 0.39 0.00	20.11 0.36 0.00	19.66 0.35 0.00	19.72 0.33 0.00	19.44 0.34 0.00	19.34 0.36 0.00	19.17 0.38 0.00	20.03 0.39 0.00	23.31 0.55 0.00	26.90 0.66 0.00	32.34 1.00 0.00	31.59 0.98 0.00	29.32 0.77 0.00	22.94 0.58 0.00	20.86 0.53 0.00
GILBOA___2 23757	23.08 0.45 0.00	21.25 0.40 0.00	20.48 0.38 0.00	20.37 0.36 0.00	21.40 0.42 0.00	25.21 0.49 0.00	33.43 0.97 0.00	32.94 0.90 0.00	27.34 0.54 0.00	21.88 0.39 0.00	20.11 0.36 0.00	19.66 0.35 0.00	19.72 0.33 0.00	19.44 0.34 0.00	19.34 0.36 0.00	19.17 0.38 0.00	20.03 0.39 0.00	23.31 0.55 0.00	26.90 0.66 0.00	32.34 1.00 0.00	31.59 0.98 0.00	29.32 0.77 0.00	22.94 0.58 0.00	20.86 0.53 0.00



GILBOA___3 23758	23.08 0.45 0.00	21.25 0.40 0.00	20.48 0.38 0.00	20.37 0.36 0.00	21.40 0.42 0.00	25.21 0.49 0.00	33.43 0.97 0.00	32.94 0.90 0.00	27.34 0.54 0.00	21.88 0.39 0.00	20.11 0.36 0.00	19.66 0.35 0.00	19.72 0.33 0.00	19.44 0.34 0.00	19.34 0.36 0.00	19.17 0.38 0.00	20.03 0.39 0.00	23.31 0.55 0.00	26.90 0.66 0.00	32.34 1.00 0.00	31.59 0.98 0.00	29.32 0.77 0.00	22.94 0.58 0.00	20.86 0.53 0.00
GILBOA___4 23759	23.08 0.45 0.00	21.25 0.40 0.00	20.48 0.38 0.00	20.37 0.36 0.00	21.40 0.42 0.00	25.21 0.49 0.00	33.43 0.97 0.00	32.94 0.90 0.00	27.34 0.54 0.00	21.88 0.39 0.00	20.11 0.36 0.00	19.66 0.35 0.00	19.72 0.33 0.00	19.44 0.34 0.00	19.34 0.36 0.00	19.17 0.38 0.00	20.03 0.39 0.00	23.31 0.55 0.00	26.90 0.66 0.00	32.34 1.00 0.00	31.59 0.98 0.00	29.32 0.77 0.00	22.94 0.58 0.00	20.86 0.53 0.00
GILBOA___ 23599	23.08 0.45 0.00	21.25 0.40 0.00	20.50 0.40 0.00	20.41 0.40 0.00	21.40 0.42 0.00	25.21 0.49 0.00	33.36 0.91 0.00	32.88 0.83 0.00	27.34 0.54 0.00	21.88 0.39 0.00	20.11 0.36 0.00	19.66 0.35 0.00	19.72 0.33 0.00	19.44 0.34 0.00	19.34 0.36 0.00	19.17 0.38 0.00	20.03 0.39 0.00	23.31 0.55 0.00	26.90 0.66 0.00	32.34 1.00 0.00	31.59 0.98 0.00	29.32 0.77 0.00	22.92 0.56 0.00	20.86 0.53 0.00
GINNA___ 23603	21.69 -0.93 0.00	19.87 -0.98 0.00	19.26 -0.84 0.00	19.18 -0.82 0.00	19.85 -1.13 0.00	23.41 -1.31 0.00	30.93 -1.52 0.00	30.79 -1.25 0.00	25.52 -1.29 0.00	20.50 -0.99 0.00	18.84 -0.91 0.00	18.40 -0.91 0.00	18.58 -0.81 0.00	18.23 -0.86 0.00	17.96 -1.03 0.00	17.66 -1.13 0.00	18.48 -1.16 0.00	21.31 -1.46 0.00	24.51 -1.73 0.00	29.33 -2.01 0.00	28.77 -1.84 0.00	26.52 -2.03 0.00	20.82 -1.54 0.00	18.93 -1.40 0.00
GLEN PARK___ 23778	22.58 -0.05 0.00	20.81 -0.04 0.00	20.06 -0.04 0.00	19.97 -0.04 0.00	20.94 -0.04 0.00	24.74 0.02 0.00	32.87 0.42 0.00	32.33 0.29 0.00	26.62 -0.19 0.00	21.25 -0.24 0.00	19.43 -0.32 0.00	18.90 -0.41 0.00	19.04 -0.35 0.00	18.71 -0.38 0.00	18.60 -0.38 0.00	18.41 -0.38 0.00	19.13 -0.51 0.00	22.24 -0.52 0.00	25.85 -0.39 0.00	31.21 -0.12 0.00	30.64 0.03 0.00	28.49 -0.06 0.00	22.23 -0.13 0.00	20.05 -0.28 0.00
GLENDALE_27_KV_LOAD 356172	24.24 1.61 -0.01	22.20 1.33 -0.01	21.41 1.31 -0.01	21.33 1.32 -0.01	22.33 1.34 -0.01	26.30 1.58 0.00	35.08 2.63 0.00	34.67 2.63 0.00	28.79 1.98 0.00	23.17 1.68 0.00	21.23 1.48 0.00	21.32 1.47 -0.54	20.80 1.42 0.00	20.59 1.47 -0.03	20.49 1.48 -0.03	20.55 1.50 -0.25	21.23 1.59 0.00	24.75 1.98 0.00	28.53 2.28 0.00	34.47 3.13 0.00	33.67 3.06 0.00	31.00 2.46 0.00	24.15 1.79 0.00	22.05 1.71 -0.01
GLENWOOD_IC_1_G5 23712	25.47 1.76 -1.08	24.59 1.52 -2.21	26.08 1.47 -4.52	23.00 1.48 -1.52	23.99 1.53 -1.48	28.44 1.85 -1.87	35.18 2.66 -0.07	34.71 2.66 -0.01	28.79 1.98 0.00	23.08 1.59 0.00	21.19 1.44 0.00	20.81 1.49 -0.01	20.77 1.38 0.00	20.51 1.41 0.00	20.41 1.42 0.00	20.32 1.52 -0.01	21.31 1.65 -0.02	24.86 2.07 -0.02	28.61 2.34 -0.03	34.51 3.17 0.00	33.88 3.27 0.00	31.06 2.51 0.00	26.73 1.97 -2.40	22.23 1.85 -0.05
GLENWOOD_IC_2_G1 23688	25.39 1.67 -1.09	24.53 1.46 -2.22	25.97 1.35 -4.52	22.85 1.32 -1.52	23.93 1.47 -1.49	28.38 1.80 -1.86	35.10 2.63 -0.02	34.77 2.72 0.00	28.76 1.96 0.00	23.04 1.55 0.00	21.13 1.38 0.00	20.75 1.43 -0.01	20.71 1.32 0.00	20.45 1.36 0.00	20.35 1.37 0.00	20.26 1.47 -0.01	21.24 1.59 -0.01	24.78 2.00 -0.01	28.46 2.20 -0.01	34.35 3.01 0.00	33.74 3.12 -0.01	30.92 2.37 0.00	26.71 1.97 -2.38	22.08 1.73 -0.02
GLENWOOD_IC_3_G1 23689	25.39 1.67 -1.09	24.53 1.46 -2.22	25.97 1.35 -4.52	22.85 1.32 -1.52	23.93 1.47 -1.49	28.38 1.80 -1.86	35.10 2.63 -0.02	34.77 2.72 0.00	28.76 1.96 0.00	23.04 1.55 0.00	21.13 1.38 0.00	20.75 1.43 -0.01	20.71 1.32 0.00	20.45 1.36 0.00	20.35 1.37 0.00	20.26 1.47 -0.01	21.24 1.59 -0.01	24.78 2.00 -0.01	28.46 2.20 -0.01	34.35 3.01 0.00	33.74 3.12 -0.01	30.92 2.37 0.00	26.71 1.97 -2.38	22.08 1.73 -0.02
GLENWOOD___4 23550	25.47 1.76 -1.08	24.59 1.52 -2.21	26.08 1.47 -4.52	23.00 1.48 -1.52	23.99 1.53 -1.48	28.44 1.85 -1.87	35.18 2.66 -0.07	34.71 2.66 -0.01	28.79 1.98 0.00	23.08 1.59 0.00	21.19 1.44 0.00	20.81 1.49 -0.01	20.77 1.38 0.00	20.51 1.41 0.00	20.41 1.42 0.00	20.32 1.52 -0.01	21.31 1.65 -0.02	24.86 2.07 -0.02	28.61 2.34 -0.03	34.51 3.17 0.00	33.88 3.27 0.00	31.06 2.51 0.00	26.73 1.97 -2.40	22.23 1.85 -0.05
GLENWOOD___5 23614	25.47 1.76 -1.08	24.59 1.52 -2.21	26.08 1.47 -4.52	23.00 1.48 -1.52	23.99 1.53 -1.48	28.44 1.85 -1.87	35.18 2.66 -0.07	34.71 2.66 -0.01	28.79 1.98 0.00	23.08 1.59 0.00	21.19 1.44 0.00	20.81 1.49 -0.01	20.77 1.38 0.00	20.51 1.41 0.00	20.41 1.42 0.00	20.32 1.52 -0.01	21.31 1.65 -0.02	24.86 2.07 -0.02	28.61 2.34 -0.03	34.51 3.17 0.00	33.88 3.27 0.00	31.06 2.51 0.00	26.73 1.97 -2.40	22.23 1.85 -0.05
GLOBAL GREEN_PORT_GT1 23814	26.38 2.67 -1.09	25.39 2.31 -2.22	26.78 2.15 -4.52	23.75 2.22 -1.52	24.94 2.47 -1.49	31.86 2.96 -4.17	46.14 4.02 -9.66	46.09 4.04 -10.01	29.67 2.87 0.00	23.77 2.28 0.00	21.72 1.97 0.00	21.33 2.01 -0.01	21.19 1.80 0.00	20.93 1.83 0.00	20.79 1.80 0.00	20.84 2.05 -0.01	24.38 2.28 -2.47	28.74 2.94 -3.04	33.82 3.17 -4.40	44.99 4.23 -9.42	45.36 4.38 -10.38	41.00 3.48 -8.97	33.04 3.00 -7.69	29.91 2.64 -6.93
GLOBE___DSASP 323697	22.33 -0.29 0.00	20.44 -0.42 0.00	19.36 -0.74 0.00	19.17 -0.84 0.00	20.29 -0.69 0.00	23.80 -0.91 0.00	30.86 -1.59 0.00	31.11 -0.93 0.00	25.76 -1.05 0.00	20.82 -0.67 0.00	19.20 -0.55 0.00	18.75 -0.56 0.00	18.96 -0.43 0.00	18.65 -0.44 0.00	18.34 -0.65 0.00	17.98 -0.81 0.00	18.80 -0.84 0.00	21.56 -1.21 0.00	24.59 -1.65 0.00	29.30 -2.04 0.00	28.68 -1.93 0.00	26.46 -2.08 0.00	21.02 -1.34 0.00	19.11 -1.22 0.00
GOETHSLN___LBMP 323567	23.96 1.33 0.00	21.94 1.08 0.00	21.17 1.07 0.00	21.09 1.08 0.00	22.07 1.09 0.00	26.05 1.33 0.00	34.76 2.30 0.00	34.35 2.31 0.00	28.52 1.72 0.00	22.95 1.46 0.00	21.03 1.28 0.00	21.12 1.33 -0.48	20.61 1.22 0.00	20.40 1.28 -0.03	20.32 1.31 -0.03	20.39 1.37 -0.23	21.01 1.37 0.00	24.50 1.73 0.00	28.24 1.99 0.00	34.19 2.85 0.00	33.39 2.79 0.00	30.72 2.17 0.00	23.88 1.52 0.00	21.80 1.46 0.00
GOLAH___69_KV_TB 1_2 80279	23.03 0.41 0.00	21.10 0.25 0.00	20.08 -0.02 0.00	19.91 -0.10 0.00	21.04 0.06 0.00	24.77 0.05 0.00	32.39 -0.06 0.00	32.62 0.58 0.00	27.02 0.21 0.00	21.70 0.21 0.00	19.93 0.18 0.00	19.42 0.12 0.00	19.60 0.21 0.00	19.21 0.11 0.00	18.89 -0.09 0.00	18.55 -0.24 0.00	19.40 -0.24 0.00	22.33 -0.43 0.00	25.64 -0.60 0.00	30.65 -0.69 0.00	30.06 -0.55 0.00	27.72 -0.83 0.00	21.80 -0.56 0.00	19.76 -0.57 0.00



GOODYEAR_LAKE_HYD 323669	23.84 1.22 0.00	21.98 1.13 0.00	21.15 1.05 0.00	21.05 1.04 0.00	22.11 1.13 0.00	26.08 1.36 0.00	34.60 2.14 0.00	34.13 2.08 0.00	28.22 1.42 0.00	22.52 1.03 0.00	20.60 0.85 0.00	20.10 0.79 0.00	20.22 0.83 0.00	19.91 0.82 0.00	19.82 0.84 0.00	19.60 0.81 0.00	20.48 0.84 0.00	23.84 1.07 0.00	27.58 1.34 0.00	33.25 1.91 0.00	32.57 1.96 0.00	30.18 1.63 0.00	23.59 1.23 0.00	21.37 1.04 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	23.19 0.57 0.00	21.33 0.48 0.00	20.48 0.38 0.00	20.35 0.34 0.00	21.42 0.44 0.00	25.24 0.52 0.00	33.26 0.81 0.00	33.04 0.99 0.00	27.42 0.62 0.00	21.96 0.47 0.00	20.16 0.41 0.00	19.69 0.39 0.00	19.80 0.41 0.00	19.49 0.40 0.00	19.33 0.34 0.00	19.09 0.30 0.00	19.95 0.31 0.00	23.11 0.34 0.00	26.64 0.39 0.00	31.97 0.63 0.00	31.22 0.61 0.00	28.95 0.40 0.00	22.69 0.34 0.00	20.62 0.28 0.00
GOUDEY___7 23579	23.21 0.59 0.00	21.33 0.48 0.00	20.48 0.38 0.00	20.37 0.36 0.00	21.44 0.46 0.00	25.26 0.54 0.00	33.30 0.84 0.00	33.07 1.03 0.00	27.45 0.64 0.00	21.98 0.49 0.00	20.18 0.43 0.00	19.71 0.41 0.00	19.82 0.43 0.00	19.51 0.42 0.00	19.34 0.36 0.00	19.09 0.30 0.00	19.97 0.33 0.00	23.13 0.36 0.00	26.66 0.42 0.00	32.00 0.66 0.00	31.25 0.64 0.00	28.98 0.43 0.00	22.72 0.36 0.00	20.64 0.30 0.00
GOUDEY___8 23580	23.19 0.57 0.00	21.33 0.48 0.00	20.48 0.38 0.00	20.35 0.34 0.00	21.42 0.44 0.00	25.24 0.52 0.00	33.26 0.81 0.00	33.04 0.99 0.00	27.42 0.62 0.00	21.96 0.47 0.00	20.16 0.41 0.00	19.69 0.39 0.00	19.80 0.41 0.00	19.49 0.40 0.00	19.33 0.34 0.00	19.09 0.30 0.00	19.95 0.31 0.00	23.11 0.34 0.00	26.64 0.39 0.00	31.97 0.63 0.00	31.22 0.61 0.00	28.95 0.40 0.00	22.69 0.34 0.00	20.62 0.28 0.00
GOWANUS_GT1_1 24077	24.28 1.65 -0.01	22.24 1.38 -0.01	21.45 1.35 -0.01	21.35 1.34 -0.01	22.37 1.38 -0.01	26.33 1.61 0.00	35.08 2.63 0.00	34.67 2.63 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.26 1.41 -0.54	20.78 1.40 0.00	20.57 1.45 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.55 2.31 0.00	34.51 3.17 0.00	33.73 3.12 0.00	31.06 2.51 0.00	24.19 1.83 0.00	22.09 1.75 -0.01
GOWANUS_GT1_2 24078	24.28 1.65 -0.01	22.24 1.38 -0.01	21.45 1.35 -0.01	21.35 1.34 -0.01	22.37 1.38 -0.01	26.33 1.61 0.00	35.08 2.63 0.00	34.67 2.63 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.26 1.41 -0.54	20.78 1.40 0.00	20.57 1.45 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.55 2.31 0.00	34.51 3.17 0.00	33.73 3.12 0.00	31.06 2.51 0.00	24.19 1.83 0.00	22.09 1.75 -0.01
GOWANUS_GT1_3 24079	24.28 1.65 -0.01	22.24 1.38 -0.01	21.45 1.35 -0.01	21.35 1.34 -0.01	22.37 1.38 -0.01	26.33 1.61 0.00	35.08 2.63 0.00	34.67 2.63 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.26 1.41 -0.54	20.78 1.40 0.00	20.57 1.45 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.55 2.31 0.00	34.51 3.17 0.00	33.73 3.12 0.00	31.06 2.51 0.00	24.19 1.83 0.00	22.09 1.75 -0.01
GOWANUS_GT1_4 24080	24.28 1.65 -0.01	22.24 1.38 -0.01	21.45 1.35 -0.01	21.35 1.34 -0.01	22.37 1.38 -0.01	26.33 1.61 0.00	35.08 2.63 0.00	34.67 2.63 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.26 1.41 -0.54	20.78 1.40 0.00	20.57 1.45 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.55 2.31 0.00	34.51 3.17 0.00	33.73 3.12 0.00	31.06 2.51 0.00	24.19 1.83 0.00	22.09 1.75 -0.01
GOWANUS_GT1_5 24084	24.28 1.65 -0.01	22.24 1.38 -0.01	21.45 1.35 -0.01	21.35 1.34 -0.01	22.37 1.38 -0.01	26.33 1.61 0.00	35.08 2.63 0.00	34.67 2.63 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.26 1.41 -0.54	20.78 1.40 0.00	20.57 1.45 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.55 2.31 0.00	34.51 3.17 0.00	33.73 3.12 0.00	31.06 2.51 0.00	24.19 1.83 0.00	22.09 1.75 -0.01
GOWANUS_GT1_6 24111	24.28 1.65 -0.01	22.24 1.38 -0.01	21.45 1.35 -0.01	21.35 1.34 -0.01	22.37 1.38 -0.01	26.33 1.61 0.00	35.08 2.63 0.00	34.67 2.63 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.26 1.41 -0.54	20.78 1.40 0.00	20.57 1.45 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.55 2.31 0.00	34.51 3.17 0.00	33.73 3.12 0.00	31.06 2.51 0.00	24.19 1.83 0.00	22.09 1.75 -0.01
GOWANUS_GT1_7 24112	24.28 1.65 -0.01	22.24 1.38 -0.01	21.45 1.35 -0.01	21.35 1.34 -0.01	22.37 1.38 -0.01	26.33 1.61 0.00	35.08 2.63 0.00	34.67 2.63 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.26 1.41 -0.54	20.78 1.40 0.00	20.57 1.45 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.55 2.31 0.00	34.51 3.17 0.00	33.73 3.12 0.00	31.06 2.51 0.00	24.19 1.83 0.00	22.09 1.75 -0.01
GOWANUS_GT1_8 24113	24.28 1.65 -0.01	22.24 1.38 -0.01	21.45 1.35 -0.01	21.35 1.34 -0.01	22.37 1.38 -0.01	26.33 1.61 0.00	35.08 2.63 0.00	34.67 2.63 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.26 1.41 -0.54	20.78 1.40 0.00	20.57 1.45 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.55 2.31 0.00	34.51 3.17 0.00	33.73 3.12 0.00	31.06 2.51 0.00	24.19 1.83 0.00	22.09 1.75 -0.01
GOWANUS_GT2_1 24114	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
GOWANUS_GT2_2 24115	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
GOWANUS_GT2_3 24116	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01



GOWANUS_GT2_4 24117	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
GOWANUS_GT2_5 24118	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
GOWANUS_GT2_6 24119	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
GOWANUS_GT2_7 24120	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
GOWANUS_GT2_8 24121	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
GOWANUS_GT3_1 24122	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
GOWANUS_GT3_2 24123	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
GOWANUS_GT3_3 24124	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
GOWANUS_GT3_4 24125	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
GOWANUS_GT3_5 24126	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
GOWANUS_GT3_6 24127	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
GOWANUS_GT3_7 24128	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
GOWANUS_GT3_8 24129	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
GOWANUS_GT4_1 24130	24.28 1.65 -0.01	22.24 1.38 -0.01	21.45 1.35 -0.01	21.35 1.34 -0.01	22.37 1.38 -0.01	26.33 1.61 0.00	35.08 2.63 0.00	34.67 2.63 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.26 1.41 -0.54	20.78 1.40 0.00	20.57 1.45 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.55 2.31 0.00	34.51 3.17 0.00	33.73 3.12 0.00	31.06 2.51 0.00	24.19 1.83 0.00	22.09 1.75 -0.01
GOWANUS_GT4_2 24131	24.28 1.65 -0.01	22.24 1.38 -0.01	21.45 1.35 -0.01	21.35 1.34 -0.01	22.37 1.38 -0.01	26.33 1.61 0.00	35.08 2.63 0.00	34.67 2.63 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.26 1.41 -0.54	20.78 1.40 0.00	20.57 1.45 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.55 2.31 0.00	34.51 3.17 0.00	33.73 3.12 0.00	31.06 2.51 0.00	24.19 1.83 0.00	22.09 1.75 -0.01



GOWANUS_GT4_3 24132	24.28 1.65 -0.01	22.24 1.38 -0.01	21.45 1.35 -0.01	21.35 1.34 -0.01	22.37 1.38 -0.01	26.33 1.61 0.00	35.08 2.63 0.00	34.67 2.63 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.26 1.41 -0.54	20.78 1.40 0.00	20.57 1.45 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.55 2.31 0.00	34.51 3.17 0.00	33.73 3.12 0.00	31.06 2.51 0.00	24.19 1.83 0.00	22.09 1.75 -0.01
GOWANUS_GT4_4 24133	24.28 1.65 -0.01	22.24 1.38 -0.01	21.45 1.35 -0.01	21.35 1.34 -0.01	22.37 1.38 -0.01	26.33 1.61 0.00	35.08 2.63 0.00	34.67 2.63 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.26 1.41 -0.54	20.78 1.40 0.00	20.57 1.45 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.55 2.31 0.00	34.51 3.17 0.00	33.73 3.12 0.00	31.06 2.51 0.00	24.19 1.83 0.00	22.09 1.75 -0.01
GOWANUS_GT4_5 24134	24.28 1.65 -0.01	22.24 1.38 -0.01	21.45 1.35 -0.01	21.35 1.34 -0.01	22.37 1.38 -0.01	26.33 1.61 0.00	35.08 2.63 0.00	34.67 2.63 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.26 1.41 -0.54	20.78 1.40 0.00	20.57 1.45 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.55 2.31 0.00	34.51 3.17 0.00	33.73 3.12 0.00	31.06 2.51 0.00	24.19 1.83 0.00	22.09 1.75 -0.01
GOWANUS_GT4_6 24135	24.28 1.65 -0.01	22.24 1.38 -0.01	21.45 1.35 -0.01	21.35 1.34 -0.01	22.37 1.38 -0.01	26.33 1.61 0.00	35.08 2.63 0.00	34.67 2.63 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.26 1.41 -0.54	20.78 1.40 0.00	20.57 1.45 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.55 2.31 0.00	34.51 3.17 0.00	33.73 3.12 0.00	31.06 2.51 0.00	24.19 1.83 0.00	22.09 1.75 -0.01
GOWANUS_GT4_7 24136	24.28 1.65 -0.01	22.24 1.38 -0.01	21.45 1.35 -0.01	21.35 1.34 -0.01	22.37 1.38 -0.01	26.33 1.61 0.00	35.08 2.63 0.00	34.67 2.63 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.26 1.41 -0.54	20.78 1.40 0.00	20.57 1.45 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.55 2.31 0.00	34.51 3.17 0.00	33.73 3.12 0.00	31.06 2.51 0.00	24.19 1.83 0.00	22.09 1.75 -0.01
GOWANUS_GT4_8 24137	24.28 1.65 -0.01	22.24 1.38 -0.01	21.45 1.35 -0.01	21.35 1.34 -0.01	22.37 1.38 -0.01	26.33 1.61 0.00	35.08 2.63 0.00	34.67 2.63 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.26 1.41 -0.54	20.78 1.40 0.00	20.57 1.45 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.55 2.31 0.00	34.51 3.17 0.00	33.73 3.12 0.00	31.06 2.51 0.00	24.19 1.83 0.00	22.09 1.75 -0.01
GREENBSH_115KV_TB3 55895	22.58 -0.05 0.00	20.87 0.02 0.00	20.18 0.08 0.00	20.09 0.08 0.00	21.00 0.02 0.00	24.67 -0.05 0.00	32.62 0.16 0.00	32.07 0.03 0.00	26.64 -0.16 0.00	21.36 -0.13 0.00	19.65 -0.10 0.00	19.27 -0.04 0.00	19.31 -0.08 0.00	19.00 -0.10 0.00	18.95 -0.04 0.00	18.77 -0.02 0.00	19.64 0.00 0.00	22.86 0.09 0.00	26.35 0.10 0.00	31.78 0.44 0.00	31.03 0.43 0.00	28.78 0.23 0.00	22.54 0.18 0.00	20.56 0.22 0.00
GREENIDGE_115KV_TB5 80291	23.57 0.95 0.00	21.60 0.75 0.00	20.66 0.56 0.00	20.51 0.50 0.00	21.65 0.67 0.00	25.53 0.82 0.00	33.52 1.07 0.00	33.45 1.41 0.00	27.77 0.96 0.00	22.22 0.73 0.00	20.36 0.61 0.00	19.89 0.58 0.00	20.05 0.66 0.00	19.68 0.59 0.00	19.42 0.44 0.00	19.11 0.32 0.00	19.93 0.29 0.00	23.02 0.25 0.00	26.58 0.34 0.00	31.84 0.50 0.00	31.10 0.49 0.00	28.75 0.20 0.00	22.56 0.20 0.00	20.43 0.10 0.00
GREENIDGE___3 23582	23.57 0.95 0.00	21.60 0.75 0.00	20.66 0.56 0.00	20.51 0.50 0.00	21.65 0.67 0.00	25.53 0.82 0.00	33.52 1.07 0.00	33.45 1.41 0.00	27.77 0.96 0.00	22.22 0.73 0.00	20.36 0.61 0.00	19.89 0.58 0.00	20.05 0.66 0.00	19.68 0.59 0.00	19.42 0.44 0.00	19.11 0.32 0.00	19.93 0.29 0.00	23.02 0.25 0.00	26.58 0.34 0.00	31.84 0.50 0.00	31.10 0.49 0.00	28.75 0.20 0.00	22.56 0.20 0.00	20.43 0.10 0.00
GREENIDGE___4 23583	23.57 0.95 0.00	21.60 0.75 0.00	20.90 0.80 0.00	20.83 0.82 0.00	21.65 0.67 0.00	25.61 0.89 0.00	34.01 1.56 0.00	33.45 1.41 0.00	27.74 0.94 0.00	22.22 0.73 0.00	20.36 0.61 0.00	19.89 0.58 0.00	20.05 0.66 0.00	19.68 0.59 0.00	19.42 0.44 0.00	19.11 0.32 0.00	19.93 0.30 0.00	23.02 0.25 0.00	26.58 0.34 0.00	31.84 0.50 0.00	31.09 0.49 0.00	28.75 0.20 0.00	22.58 0.22 0.00	20.49 0.16 0.00
GREENLWN_69_KV_BK 3 55738	25.54 1.83 -1.08	24.65 1.58 -2.21	26.14 1.53 -4.52	23.06 1.54 -1.52	24.05 1.59 -1.48	28.40 2.03 -1.65	34.48 2.82 0.80	33.69 2.82 1.17	28.84 2.04 0.00	23.14 1.65 0.00	21.23 1.48 0.00	20.85 1.53 -0.01	20.78 1.40 0.00	20.52 1.43 0.00	20.45 1.46 0.00	20.37 1.58 -0.01	21.24 1.81 0.21	24.77 2.25 0.25	28.34 2.47 0.37	33.40 3.23 1.17	32.75 3.43 1.29	30.03 2.60 1.11	26.40 2.12 -1.92	21.77 2.01 0.58
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.28 1.65 -0.01	22.24 1.38 -0.01	21.45 1.35 -0.01	21.35 1.34 -0.01	22.37 1.38 -0.01	26.33 1.61 0.00	35.08 2.63 0.00	34.67 2.63 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.26 1.41 -0.54	20.78 1.40 0.00	20.57 1.45 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.55 2.31 0.00	34.51 3.17 0.00	33.73 3.12 0.00	31.06 2.51 0.00	24.19 1.83 0.00	22.09 1.75 -0.01
GRISSOM___SOLAR 323813	25.41 2.78 0.00	23.63 2.77 0.00	22.63 2.53 0.00	22.57 2.56 0.00	23.64 2.66 0.00	27.88 3.16 0.00	37.32 4.87 0.00	36.01 3.97 0.00	29.57 2.76 0.00	23.25 1.76 0.00	21.17 1.42 0.00	20.72 1.41 0.00	20.92 1.53 0.00	20.37 1.28 0.00	20.37 1.39 0.00	20.27 1.48 0.00	21.25 1.61 0.00	25.02 2.25 0.00	29.26 3.02 0.00	35.57 4.23 0.00	35.04 4.44 0.00	32.35 3.80 0.00	25.13 2.77 0.00	22.61 2.28 0.00
GROVEVILLE___HYD 323602	24.00 1.38 0.00	22.02 1.17 0.00	21.27 1.17 0.00	21.19 1.18 0.00	22.20 1.22 0.00	26.18 1.46 0.00	34.85 2.40 0.00	34.35 2.31 0.00	28.49 1.69 0.00	22.69 1.20 0.00	20.76 1.01 0.00	20.24 0.93 0.00	20.30 0.91 0.00	20.07 0.97 0.00	20.01 1.03 0.00	19.88 1.09 0.00	20.76 1.12 0.00	24.29 1.53 0.00	28.13 1.89 0.00	33.97 2.63 0.00	33.21 2.60 0.00	30.63 2.08 0.00	23.90 1.54 0.00	21.78 1.44 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.01 0.38 0.00	21.15 0.29 0.00	20.32 0.22 0.00	20.21 0.20 0.00	21.23 0.25 0.00	25.02 0.30 0.00	33.01 0.55 0.00	32.75 0.70 0.00	27.21 0.40 0.00	21.81 0.32 0.00	20.05 0.30 0.00	19.58 0.27 0.00	19.68 0.29 0.00	19.36 0.27 0.00	19.17 0.19 0.00	18.92 0.13 0.00	19.78 0.14 0.00	22.86 0.09 0.00	26.37 0.13 0.00	31.59 0.25 0.00	30.88 0.28 0.00	28.66 0.11 0.00	22.47 0.11 0.00	20.39 0.06 0.00



HAMLTNNY_34_KV_TB 80303	23.28 0.66 0.00	21.35 0.50 0.00	20.50 0.40 0.00	20.39 0.38 0.00	21.44 0.46 0.00	25.26 0.54 0.00	33.33 0.88 0.00	33.16 1.12 0.00	27.53 0.72 0.00	22.03 0.54 0.00	20.24 0.49 0.00	19.77 0.46 0.00	19.89 0.50 0.00	19.55 0.46 0.00	19.33 0.34 0.00	19.07 0.28 0.00	19.93 0.29 0.00	23.02 0.25 0.00	26.58 0.34 0.00	31.84 0.50 0.00	31.13 0.52 0.00	28.86 0.31 0.00	22.63 0.27 0.00	20.49 0.16 0.00
HAMPSHIRE___PAPER_HYD 323593	22.08 -0.54 0.00	20.39 -0.46 0.00	19.66 -0.44 0.00	19.57 -0.44 0.00	20.56 -0.42 0.00	24.25 -0.47 0.00	31.74 -0.71 0.00	31.27 -0.77 0.00	26.19 -0.62 0.00	20.93 -0.56 0.00	19.16 -0.59 0.00	18.67 -0.64 0.00	18.81 -0.58 0.00	18.46 -0.63 0.00	18.38 -0.61 0.00	18.17 -0.62 0.00	18.95 -0.69 0.00	22.02 -0.75 0.00	25.48 -0.76 0.00	30.40 -0.94 0.00	29.75 -0.86 0.00	27.84 -0.71 0.00	21.73 -0.63 0.00	19.72 -0.61 0.00
HARDSCRABBLE_WT_PWR 323673	22.74 0.11 0.00	20.96 0.10 0.00	20.20 0.10 0.00	20.11 0.10 0.00	21.06 0.08 0.00	24.79 0.07 0.00	32.71 0.26 0.00	32.20 0.16 0.00	26.75 -0.05 0.00	21.49 0.00 0.00	19.77 0.02 0.00	19.33 0.02 0.00	19.43 0.04 0.00	19.15 0.06 0.00	19.06 0.08 0.00	18.85 0.06 0.00	19.70 0.06 0.00	22.86 0.09 0.00	26.30 0.05 0.00	31.40 0.06 0.00	30.55 -0.06 0.00	28.38 -0.17 0.00	22.20 -0.16 0.00	20.17 -0.16 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.73 1.11 0.00	21.79 0.94 0.00	21.04 0.94 0.00	20.95 0.94 0.00	21.97 0.99 0.00	25.93 1.21 0.00	34.43 1.98 0.00	34.06 2.02 0.00	28.25 1.45 0.00	22.58 1.10 0.00	20.70 0.95 0.00	20.22 0.91 0.00	20.26 0.87 0.00	20.01 0.92 0.00	19.93 0.95 0.00	19.81 1.01 0.00	20.68 1.04 0.00	24.15 1.39 0.00	27.90 1.65 0.00	33.69 2.35 0.00	32.93 2.33 0.00	30.40 1.86 0.00	23.70 1.34 0.00	21.59 1.26 0.00
HARSNRAD_115KV_TB1 81005	22.87 0.25 0.00	20.92 0.06 0.00	19.82 -0.28 0.00	19.63 -0.38 0.00	20.79 -0.19 0.00	24.42 -0.30 0.00	31.74 -0.71 0.00	32.04 0.00 0.00	26.48 -0.32 0.00	21.36 -0.13 0.00	19.69 -0.06 0.00	19.21 -0.10 0.00	19.43 0.04 0.00	19.09 0.00 0.00	18.78 -0.21 0.00	18.41 -0.38 0.00	19.25 -0.39 0.00	22.08 -0.68 0.00	25.22 -1.02 0.00	30.09 -1.25 0.00	29.47 -1.13 0.00	27.15 -1.40 0.00	21.51 -0.85 0.00	19.52 -0.81 0.00
HARZA MOOSE___RIVER 24016	23.03 0.41 0.00	21.25 0.40 0.00	20.46 0.36 0.00	20.37 0.36 0.00	21.38 0.40 0.00	25.21 0.49 0.00	33.36 0.91 0.00	32.88 0.83 0.00	27.21 0.40 0.00	21.73 0.24 0.00	19.89 0.14 0.00	19.37 0.06 0.00	19.51 0.12 0.00	19.19 0.10 0.00	19.10 0.11 0.00	18.88 0.09 0.00	19.70 0.06 0.00	22.86 0.09 0.00	26.48 0.24 0.00	31.84 0.50 0.00	31.19 0.58 0.00	28.98 0.43 0.00	22.67 0.31 0.00	20.51 0.18 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	22.58 -0.05 0.00	20.77 -0.08 0.00	20.00 -0.10 0.00	19.91 -0.10 0.00	20.87 -0.10 0.00	24.59 -0.12 0.00	32.45 0.00 0.00	32.14 0.10 0.00	26.75 -0.05 0.00	21.47 -0.02 0.00	19.75 0.00 0.00	19.29 -0.02 0.00	19.39 0.00 0.00	19.07 -0.02 0.00	18.93 -0.06 0.00	18.72 -0.08 0.00	19.56 -0.08 0.00	22.58 -0.18 0.00	26.03 -0.21 0.00	31.21 -0.13 0.00	30.48 -0.12 0.00	28.32 -0.23 0.00	22.18 -0.18 0.00	20.15 -0.18 0.00
HELLGATE_13_KV_LD 55870	24.15 1.52 -0.01	22.13 1.27 -0.01	21.35 1.25 -0.01	21.27 1.26 -0.01	22.27 1.28 -0.01	26.23 1.51 0.00	34.92 2.47 0.00	34.51 2.47 0.00	28.65 1.85 0.00	23.04 1.55 0.00	21.13 1.38 0.00	21.22 1.37 -0.54	20.71 1.32 0.00	20.50 1.37 -0.03	20.40 1.39 -0.03	20.45 1.41 -0.25	21.13 1.49 0.00	24.63 1.87 0.00	28.37 2.13 0.00	34.32 2.98 0.00	33.51 2.91 0.00	30.83 2.28 0.00	24.06 1.70 0.00	21.97 1.63 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	24.15 1.52 -0.01	22.13 1.27 -0.01	21.35 1.25 -0.01	21.27 1.26 -0.01	22.27 1.28 -0.01	26.23 1.51 0.00	34.92 2.47 0.00	34.51 2.47 0.00	28.65 1.85 0.00	23.04 1.55 0.00	21.13 1.38 0.00	21.22 1.37 -0.54	20.71 1.32 0.00	20.50 1.37 -0.03	20.40 1.39 -0.03	20.45 1.41 -0.25	21.13 1.49 0.00	24.63 1.87 0.00	28.37 2.13 0.00	34.32 2.98 0.00	33.51 2.91 0.00	30.83 2.28 0.00	24.06 1.70 0.00	21.97 1.63 -0.01
HEMPSTEAD____ 23647	25.36 1.65 -1.09	24.49 1.42 -2.22	25.93 1.31 -4.52	22.83 1.30 -1.52	23.91 1.45 -1.49	28.35 1.76 -1.87	35.08 2.56 -0.07	34.71 2.66 -0.01	28.71 1.90 0.00	22.97 1.48 0.00	21.07 1.32 0.00	20.69 1.37 -0.01	20.65 1.26 0.00	20.39 1.30 0.00	20.29 1.31 0.00	20.21 1.41 -0.01	21.22 1.55 -0.02	24.77 1.98 -0.03	28.40 2.12 -0.03	34.25 2.92 0.00	33.64 3.03 -0.01	30.83 2.28 0.00	26.69 1.92 -2.41	22.07 1.69 -0.06
HEWLETT_69_KV_BK3 55828	25.47 1.76 -1.08	24.59 1.52 -2.21	26.10 1.49 -4.52	23.00 1.48 -1.52	24.01 1.55 -1.48	28.43 1.85 -1.85	35.10 2.63 -0.02	34.71 2.66 0.00	28.81 2.01 0.00	23.08 1.59 0.00	21.17 1.42 0.00	20.79 1.47 -0.01	20.75 1.36 0.00	20.51 1.41 0.00	20.41 1.42 0.00	20.30 1.50 -0.01	21.27 1.63 0.00	24.84 2.07 -0.01	28.61 2.36 -0.01	34.51 3.17 0.00	33.88 3.27 0.00	31.09 2.54 0.00	26.70 1.97 -2.37	22.20 1.85 -0.01
HICKLING___1 23621	23.89 1.27 0.00	21.90 1.04 0.00	20.90 0.80 0.00	20.77 0.76 0.00	21.92 0.94 0.00	25.86 1.14 0.00	33.98 1.53 0.00	33.97 1.92 0.00	28.06 1.26 0.00	22.48 0.99 0.00	20.60 0.85 0.00	20.12 0.81 0.00	20.28 0.89 0.00	19.95 0.86 0.00	19.67 0.68 0.00	19.35 0.56 0.00	20.07 0.43 0.00	23.18 0.41 0.00	26.72 0.47 0.00	32.00 0.66 0.00	31.22 0.61 0.00	28.89 0.34 0.00	22.67 0.31 0.00	20.58 0.24 0.00
HICKLING___2 23622	23.89 1.27 0.00	21.90 1.04 0.00	20.90 0.80 0.00	20.77 0.76 0.00	21.92 0.94 0.00	25.86 1.14 0.00	33.98 1.53 0.00	33.97 1.92 0.00	28.06 1.26 0.00	22.48 0.99 0.00	20.60 0.85 0.00	20.12 0.81 0.00	20.28 0.89 0.00	19.95 0.86 0.00	19.67 0.68 0.00	19.35 0.56 0.00	20.07 0.43 0.00	23.18 0.41 0.00	26.72 0.47 0.00	32.00 0.66 0.00	31.22 0.61 0.00	28.89 0.34 0.00	22.67 0.31 0.00	20.58 0.24 0.00
HIGH FALLS___HY 23754	23.91 1.29 0.00	21.90 1.04 0.00	21.15 1.05 0.00	21.05 1.04 0.00	22.09 1.11 0.00	26.08 1.36 0.00	34.73 2.27 0.00	34.25 2.21 0.00	28.41 1.61 0.00	22.63 1.14 0.00	20.70 0.95 0.00	20.16 0.85 0.00	20.22 0.83 0.00	20.03 0.94 0.00	19.95 0.97 0.00	19.82 1.03 0.00	20.70 1.06 0.00	24.22 1.46 0.00	28.05 1.81 0.00	33.88 2.54 0.00	33.12 2.51 0.00	30.58 2.03 0.00	23.81 1.45 0.00	21.69 1.36 0.00
HILLBURN___GT 23639	23.71 1.09 0.00	21.79 0.94 0.00	20.94 0.84 0.00	20.85 0.84 0.00	21.94 0.97 0.00	25.93 1.21 0.00	34.53 2.08 0.00	34.22 2.18 0.00	28.28 1.47 0.00	22.65 1.16 0.00	20.76 1.01 0.00	20.31 1.00 0.00	20.34 0.95 0.00	20.08 0.99 0.00	20.01 1.02 0.00	19.86 1.07 0.00	20.76 1.12 0.00	24.20 1.44 0.00	27.92 1.68 0.00	33.75 2.41 0.00	32.96 2.36 0.00	30.43 1.88 0.00	23.79 1.43 0.00	21.61 1.28 0.00



HILLSIDE_115KV_TB1 80332	23.51 0.88 0.00	21.56 0.71 0.00	20.64 0.54 0.00	20.49 0.48 0.00	21.61 0.63 0.00	25.51 0.79 0.00	33.52 1.07 0.00	33.45 1.41 0.00	27.69 0.88 0.00	22.18 0.69 0.00	20.34 0.59 0.00	19.87 0.56 0.00	20.01 0.62 0.00	19.70 0.61 0.00	19.46 0.47 0.00	19.17 0.38 0.00	19.88 0.24 0.00	22.97 0.20 0.00	26.45 0.21 0.00	31.68 0.34 0.00	30.94 0.34 0.00	28.63 0.09 0.00	22.47 0.11 0.00	20.43 0.10 0.00
HISHELDN_WT_PWR 323625	23.28 0.66 0.00	21.29 0.44 0.00	20.70 0.60 0.00	20.63 0.62 0.00	21.25 0.27 0.00	25.09 0.37 0.00	33.10 0.65 0.00	32.81 0.77 0.00	27.04 0.24 0.00	21.81 0.32 0.00	20.06 0.32 0.00	19.58 0.27 0.00	19.81 0.43 0.00	19.47 0.38 0.00	19.17 0.19 0.00	18.81 0.02 0.00	19.64 0.00 0.00	22.56 -0.21 0.00	25.85 -0.39 0.00	30.84 -0.50 0.00	30.12 -0.49 0.00	27.72 -0.83 0.00	21.87 -0.49 0.00	19.97 -0.37 0.00
HOLTSVILLE_IC_1 23690	25.61 1.90 -1.09	24.70 1.63 -2.22	26.11 1.49 -4.52	23.05 1.52 -1.52	24.19 1.72 -1.49	30.95 2.05 -4.18	44.84 2.69 -9.70	44.85 2.76 -10.05	28.84 2.04 0.00	23.21 1.72 0.00	21.23 1.48 0.00	20.85 1.53 -0.01	20.75 1.36 0.00	20.47 1.38 0.00	20.37 1.39 0.00	20.39 1.60 -0.01	23.86 1.75 -2.47	28.05 2.23 -3.05	32.92 2.26 -4.42	43.81 3.01 -9.46	44.18 3.15 -10.42	39.92 2.37 -9.01	32.28 2.21 -7.71	29.24 1.95 -6.96
HOLTSVILLE_IC_10 23699	25.75 2.04 -1.09	24.80 1.73 -2.22	26.21 1.59 -4.52	23.15 1.62 -1.52	24.31 1.85 -1.49	31.02 2.20 -4.10	44.68 2.89 -9.34	44.65 2.95 -9.66	28.97 2.17 0.00	23.29 1.81 0.00	21.31 1.56 0.00	20.92 1.60 -0.01	20.82 1.43 0.00	20.56 1.47 0.00	20.45 1.46 0.00	20.47 1.67 -0.01	23.89 1.87 -2.38	28.05 2.35 -2.94	32.91 2.41 -4.25	43.62 3.20 -9.08	43.95 3.34 -10.01	39.74 2.54 -8.65	32.20 2.33 -7.51	29.09 2.05 -6.70
HOLTSVILLE_IC_2 23691	25.61 1.90 -1.09	24.70 1.63 -2.22	26.11 1.49 -4.52	23.05 1.52 -1.52	24.19 1.72 -1.49	30.95 2.05 -4.18	44.84 2.69 -9.70	44.85 2.76 -10.05	28.84 2.04 0.00	23.21 1.72 0.00	21.23 1.48 0.00	20.85 1.53 -0.01	20.75 1.36 0.00	20.47 1.38 0.00	20.37 1.39 0.00	20.39 1.60 -0.01	23.86 1.75 -2.47	28.05 2.23 -3.05	32.92 2.26 -4.42	43.81 3.01 -9.46	44.18 3.15 -10.42	39.92 2.37 -9.01	32.28 2.21 -7.71	29.24 1.95 -6.96
HOLTSVILLE_IC_3 23692	25.61 1.90 -1.09	24.70 1.63 -2.22	26.11 1.49 -4.52	23.05 1.52 -1.52	24.19 1.72 -1.49	30.95 2.05 -4.18	44.84 2.69 -9.70	44.85 2.76 -10.05	28.84 2.04 0.00	23.21 1.72 0.00	21.23 1.48 0.00	20.85 1.53 -0.01	20.75 1.36 0.00	20.47 1.38 0.00	20.37 1.39 0.00	20.39 1.60 -0.01	23.86 1.75 -2.47	28.05 2.23 -3.05	32.92 2.26 -4.42	43.81 3.01 -9.46	44.18 3.15 -10.42	39.92 2.37 -9.01	32.28 2.21 -7.71	29.24 1.95 -6.96
HOLTSVILLE_IC_4 23693	25.61 1.90 -1.09	24.70 1.63 -2.22	26.11 1.49 -4.52	23.05 1.52 -1.52	24.19 1.72 -1.49	30.95 2.05 -4.18	44.84 2.69 -9.70	44.85 2.76 -10.05	28.84 2.04 0.00	23.21 1.72 0.00	21.23 1.48 0.00	20.85 1.53 -0.01	20.75 1.36 0.00	20.47 1.38 0.00	20.37 1.39 0.00	20.39 1.60 -0.01	23.86 1.75 -2.47	28.05 2.23 -3.05	32.92 2.26 -4.42	43.81 3.01 -9.46	44.18 3.15 -10.42	39.92 2.37 -9.01	32.28 2.21 -7.71	29.24 1.95 -6.96
HOLTSVILLE_IC_5 23694	25.61 1.90 -1.09	24.70 1.63 -2.22	26.11 1.49 -4.52	23.05 1.52 -1.52	24.19 1.72 -1.49	30.95 2.05 -4.18	44.84 2.69 -9.70	44.85 2.76 -10.05	28.84 2.04 0.00	23.21 1.72 0.00	21.23 1.48 0.00	20.85 1.53 -0.01	20.75 1.36 0.00	20.47 1.38 0.00	20.37 1.39 0.00	20.39 1.60 -0.01	23.86 1.75 -2.47	28.05 2.23 -3.05	32.92 2.26 -4.42	43.81 3.01 -9.46	44.18 3.15 -10.42	39.92 2.37 -9.01	32.28 2.21 -7.71	29.24 1.95 -6.96
HOLTSVILLE_IC_6 23695	25.75 2.04 -1.09	24.80 1.73 -2.22	26.21 1.59 -4.52	23.15 1.62 -1.52	24.31 1.85 -1.49	31.02 2.20 -4.10	44.68 2.89 -9.34	44.65 2.95 -9.66	28.97 2.17 0.00	23.29 1.81 0.00	21.31 1.56 0.00	20.92 1.60 -0.01	20.82 1.43 0.00	20.56 1.47 0.00	20.45 1.46 0.00	20.47 1.67 -0.01	23.89 1.87 -2.38	28.05 2.35 -2.94	32.91 2.41 -4.25	43.62 3.20 -9.08	43.95 3.34 -10.01	39.74 2.54 -8.65	32.20 2.33 -7.51	29.09 2.05 -6.70
HOLTSVILLE_IC_7 23696	25.75 2.04 -1.09	24.80 1.73 -2.22	26.21 1.59 -4.52	23.15 1.62 -1.52	24.31 1.85 -1.49	31.02 2.20 -4.10	44.68 2.89 -9.34	44.65 2.95 -9.66	28.97 2.17 0.00	23.29 1.81 0.00	21.31 1.56 0.00	20.92 1.60 -0.01	20.82 1.43 0.00	20.56 1.47 0.00	20.45 1.46 0.00	20.47 1.67 -0.01	23.89 1.87 -2.38	28.05 2.35 -2.94	32.91 2.41 -4.25	43.62 3.20 -9.08	43.95 3.34 -10.01	39.74 2.54 -8.65	32.20 2.33 -7.51	29.09 2.05 -6.70
HOLTSVILLE_IC_8 23697	25.75 2.04 -1.09	24.80 1.73 -2.22	26.21 1.59 -4.52	23.15 1.62 -1.52	24.31 1.85 -1.49	31.02 2.20 -4.10	44.68 2.89 -9.34	44.65 2.95 -9.66	28.97 2.17 0.00	23.29 1.81 0.00	21.31 1.56 0.00	20.92 1.60 -0.01	20.82 1.43 0.00	20.56 1.47 0.00	20.45 1.46 0.00	20.47 1.67 -0.01	23.89 1.87 -2.38	28.05 2.35 -2.94	32.91 2.41 -4.25	43.62 3.20 -9.08	43.95 3.34 -10.01	39.74 2.54 -8.65	32.20 2.33 -7.51	29.09 2.05 -6.70
HOLTSVILLE_IC_9 23698	25.75 2.04 -1.09	24.80 1.73 -2.22	26.21 1.59 -4.52	23.15 1.62 -1.52	24.31 1.85 -1.49	31.02 2.20 -4.10	44.68 2.89 -9.34	44.65 2.95 -9.66	28.97 2.17 0.00	23.29 1.81 0.00	21.31 1.56 0.00	20.92 1.60 -0.01	20.82 1.43 0.00	20.56 1.47 0.00	20.45 1.46 0.00	20.47 1.67 -0.01	23.89 1.87 -2.38	28.05 2.35 -2.94	32.91 2.41 -4.25	43.62 3.20 -9.08	43.95 3.34 -10.01	39.74 2.54 -8.65	32.20 2.33 -7.51	29.09 2.05 -6.70
HOMER_HL_115KV_TB2 355744	23.57 0.95 0.00	21.58 0.73 0.00	20.52 0.42 0.00	20.35 0.34 0.00	21.57 0.59 0.00	25.46 0.74 0.00	33.23 0.78 0.00	33.64 1.60 0.00	27.74 0.94 0.00	22.31 0.82 0.00	20.50 0.75 0.00	19.97 0.66 0.00	20.18 0.79 0.00	19.86 0.76 0.00	19.55 0.57 0.00	19.18 0.39 0.00	20.15 0.51 0.00	23.18 0.41 0.00	26.53 0.29 0.00	31.75 0.41 0.00	31.00 0.40 0.00	28.61 0.06 0.00	22.49 0.13 0.00	20.41 0.08 0.00
HOWARD_WT_PWR 323690	24.03 1.40 0.00	21.96 1.10 0.00	21.31 1.21 0.00	21.23 1.22 0.00	21.97 0.99 0.00	26.00 1.28 0.00	34.43 1.98 0.00	34.12 2.08 0.00	28.06 1.26 0.00	22.52 1.03 0.00	20.64 0.89 0.00	20.14 0.83 0.00	20.34 0.95 0.00	19.99 0.90 0.00	19.67 0.68 0.00	19.32 0.53 0.00	20.13 0.49 0.00	23.20 0.43 0.00	26.69 0.45 0.00	31.90 0.56 0.00	30.97 0.37 0.00	28.46 -0.09 0.00	22.36 0.00 0.00	20.33 0.00 0.00
HQ_GEN_CEDARS 23644	22.35 -0.27 0.00	20.69 -0.17 0.00	19.96 -0.14 0.00	19.87 -0.14 0.00	20.83 -0.15 0.00	24.57 -0.15 0.00	31.93 -0.52 0.00	31.50 -0.54 0.00	26.59 -0.21 0.00	21.30 -0.19 0.00	19.53 -0.22 0.00	19.08 -0.23 0.00	19.19 -0.19 0.00	18.86 -0.23 0.00	18.76 -0.23 0.00	18.55 -0.24 0.00	19.40 -0.24 0.00	22.52 -0.25 0.00	25.95 -0.29 0.00	30.65 -0.69 0.00	29.93 -0.67 0.00	28.18 -0.37 0.00	22.11 -0.25 0.00	20.07 -0.26 0.00



HQ_GEN_CEDARS_PROXY 323590	22.35 -0.27 0.00	20.69 -0.17 0.00	19.92 -0.18 0.00	19.85 -0.16 0.00	20.83 -0.15 0.00	24.55 -0.17 0.00	31.71 -0.75 0.00	31.34 -0.71 0.00	26.59 -0.22 0.00	21.30 -0.19 0.00	19.53 -0.22 0.00	19.08 -0.23 0.00	19.19 -0.19 0.00	18.86 -0.23 0.00	18.76 -0.23 0.00	18.55 -0.24 0.00	19.40 -0.23 0.00	22.52 -0.25 0.00	25.96 -0.29 0.00	30.65 -0.69 0.00	29.93 -0.67 0.00	28.18 -0.37 0.00	22.00 -0.36 0.00	20.07 -0.26 0.00
HQ_GEN_IMPORT 323601	22.51 -0.11 0.00	20.77 -0.08 0.00	20.02 -0.08 0.00	19.93 -0.08 0.00	20.92 -0.06 0.00	28.19 -0.10 -3.57	28.36 -0.52 3.57	29.88 -0.51 1.65	28.35 -0.11 -1.65	21.40 -0.09 0.00	19.67 -0.08 0.00	19.23 -0.08 0.00	19.31 -0.08 0.00	19.00 -0.09 0.00	18.91 -0.08 0.00	18.70 -0.09 0.00	19.56 -0.08 0.00	22.68 -0.09 0.00	28.35 -0.13 -2.24	28.63 -0.47 2.24	30.15 -0.46 0.00	28.35 -0.20 0.00	22.20 -0.16 0.00	20.21 -0.12 0.00
HQ_GEN_WHEEL 23651	22.51 -0.11 0.00	20.77 -0.08 0.00	20.02 -0.08 0.00	19.93 -0.08 0.00	20.92 -0.06 0.00	28.19 -0.10 -3.57	28.36 -0.52 3.57	29.88 -0.51 1.65	28.35 -0.11 -1.65	21.40 -0.09 0.00	19.67 -0.08 0.00	19.23 -0.08 0.00	19.31 -0.08 0.00	19.00 -0.09 0.00	18.91 -0.08 0.00	18.70 -0.09 0.00	19.56 -0.08 0.00	22.68 -0.09 0.00	28.35 -0.13 -2.24	28.63 -0.47 2.24	30.15 -0.46 0.00	28.35 -0.20 0.00	22.20 -0.16 0.00	20.21 -0.12 0.00
HUDSON_AVE_GT_3 23810	24.07 1.45 0.00	22.04 1.19 0.00	21.27 1.17 0.00	21.19 1.18 0.00	22.17 1.20 0.00	26.15 1.43 0.00	34.92 2.47 0.00	34.51 2.47 0.00	28.65 1.85 0.00	23.01 1.53 0.00	21.11 1.36 0.00	21.18 1.39 -0.48	20.69 1.30 0.00	20.47 1.36 -0.03	20.38 1.37 -0.03	20.44 1.43 -0.23	21.11 1.47 0.00	24.61 1.84 0.00	28.34 2.10 0.00	34.32 2.98 0.00	33.51 2.91 0.00	30.86 2.31 0.00	23.99 1.63 0.00	21.90 1.57 0.00
HUDSON_AVE_GT_4 23540	24.07 1.45 0.00	22.04 1.19 0.00	21.27 1.17 0.00	21.19 1.18 0.00	22.17 1.20 0.00	26.15 1.43 0.00	34.92 2.47 0.00	34.51 2.47 0.00	28.65 1.85 0.00	23.01 1.53 0.00	21.11 1.36 0.00	21.18 1.39 -0.48	20.69 1.30 0.00	20.47 1.36 -0.03	20.38 1.37 -0.03	20.44 1.43 -0.23	21.11 1.47 0.00	24.61 1.84 0.00	28.34 2.10 0.00	34.32 2.98 0.00	33.51 2.91 0.00	30.86 2.31 0.00	23.99 1.63 0.00	21.90 1.57 0.00
HUDSON_AVE_GT_5 23657	24.07 1.45 0.00	22.04 1.19 0.00	21.27 1.17 0.00	21.19 1.18 0.00	22.17 1.20 0.00	26.15 1.43 0.00	34.92 2.47 0.00	34.51 2.47 0.00	28.65 1.85 0.00	23.01 1.53 0.00	21.11 1.36 0.00	21.18 1.39 -0.48	20.69 1.30 0.00	20.47 1.36 -0.03	20.38 1.37 -0.03	20.44 1.43 -0.23	21.11 1.47 0.00	24.61 1.84 0.00	28.34 2.10 0.00	34.32 2.98 0.00	33.51 2.91 0.00	30.86 2.31 0.00	23.99 1.63 0.00	21.90 1.57 0.00
HUDSON_AVE_10 24168	24.03 1.40 0.00	22.00 1.15 0.00	21.23 1.13 0.00	21.15 1.14 0.00	22.13 1.15 0.00	26.13 1.41 0.00	34.85 2.40 0.00	34.48 2.44 0.00	28.63 1.82 0.00	22.99 1.50 0.00	21.09 1.34 0.00	21.14 1.35 -0.48	20.67 1.28 0.00	20.45 1.34 -0.03	20.36 1.35 -0.03	20.43 1.41 -0.23	21.09 1.45 0.00	24.61 1.84 0.00	28.34 2.10 0.00	34.29 2.95 0.00	33.48 2.88 0.00	30.83 2.28 0.00	23.97 1.61 0.00	21.88 1.55 0.00
HUDSON___115KV_TB 4 355613	23.01 0.38 0.00	21.25 0.40 0.00	20.52 0.42 0.00	20.45 0.44 0.00	21.38 0.40 0.00	25.14 0.42 0.00	33.23 0.78 0.00	32.56 0.51 0.00	26.97 0.16 0.00	21.49 0.00 0.00	19.71 -0.04 0.00	19.27 -0.04 0.00	19.33 -0.06 0.00	19.02 -0.08 0.00	18.98 0.00 0.00	18.85 0.06 0.00	19.74 0.10 0.00	23.06 0.30 0.00	26.72 0.47 0.00	32.25 0.91 0.00	31.56 0.95 0.00	29.21 0.66 0.00	22.85 0.49 0.00	20.82 0.49 0.00
HUNTER MOUNT___DRP 323613	23.05 0.43 0.00	21.31 0.46 0.00	20.58 0.48 0.00	20.49 0.48 0.00	21.42 0.44 0.00	25.19 0.47 0.00	33.33 0.88 0.00	32.52 0.48 0.00	26.94 0.13 0.00	21.38 -0.11 0.00	19.61 -0.14 0.00	19.14 -0.17 0.00	19.21 -0.17 0.00	18.88 -0.21 0.00	18.87 -0.11 0.00	18.75 -0.04 0.00	19.64 0.00 0.00	22.99 0.23 0.00	26.69 0.45 0.00	32.22 0.88 0.00	31.52 0.92 0.00	29.18 0.63 0.00	22.85 0.49 0.00	20.82 0.49 0.00
HUNTINGTON_RES_REC 323705	25.68 1.97 -1.09	24.76 1.69 -2.22	26.17 1.55 -4.52	23.09 1.56 -1.52	24.21 1.74 -1.49	32.87 2.15 -6.01	52.68 2.92 -17.30	52.86 2.98 -17.84	28.95 2.15 0.00	23.23 1.74 0.00	21.27 1.52 0.00	20.88 1.56 -0.01	20.82 1.43 0.00	20.56 1.47 0.00	20.45 1.46 0.00	20.43 1.63 -0.01	25.91 1.87 -4.41	30.55 2.35 -5.43	36.62 2.49 -7.88	51.34 3.23 -16.77	52.48 3.40 -18.47	47.11 2.60 -15.97	36.55 2.30 -11.89	34.77 2.03 -12.41
HUNTLEY___63 23557	23.03 0.41 0.00	21.06 0.21 0.00	19.98 -0.12 0.00	19.77 -0.24 0.00	20.94 -0.04 0.00	24.62 -0.10 0.00	32.00 -0.45 0.00	32.33 0.29 0.00	26.70 -0.11 0.00	21.53 0.04 0.00	19.85 0.10 0.00	19.35 0.04 0.00	19.58 0.19 0.00	19.24 0.15 0.00	18.93 -0.06 0.00	18.55 -0.24 0.00	19.40 -0.24 0.00	22.24 -0.52 0.00	25.38 -0.87 0.00	30.31 -1.03 0.00	29.66 -0.95 0.00	27.35 -1.20 0.00	21.67 -0.69 0.00	19.64 -0.69 0.00
HUNTLEY___64 23558	23.03 0.41 0.00	21.06 0.21 0.00	19.98 -0.12 0.00	19.77 -0.24 0.00	20.94 -0.04 0.00	24.62 -0.10 0.00	32.00 -0.45 0.00	32.33 0.29 0.00	26.70 -0.11 0.00	21.53 0.04 0.00	19.85 0.10 0.00	19.35 0.04 0.00	19.58 0.19 0.00	19.24 0.15 0.00	18.93 -0.06 0.00	18.55 -0.24 0.00	19.40 -0.24 0.00	22.24 -0.52 0.00	25.38 -0.87 0.00	30.31 -1.03 0.00	29.66 -0.95 0.00	27.35 -1.20 0.00	21.67 -0.69 0.00	19.64 -0.69 0.00
HUNTLEY___65 23559	23.03 0.41 0.00	21.06 0.21 0.00	19.98 -0.12 0.00	19.77 -0.24 0.00	20.94 -0.04 0.00	24.62 -0.10 0.00	32.00 -0.45 0.00	32.33 0.29 0.00	26.70 -0.11 0.00	21.53 0.04 0.00	19.85 0.10 0.00	19.35 0.04 0.00	19.58 0.19 0.00	19.24 0.15 0.00	18.93 -0.06 0.00	18.55 -0.24 0.00	19.40 -0.24 0.00	22.24 -0.52 0.00	25.38 -0.87 0.00	30.31 -1.03 0.00	29.66 -0.95 0.00	27.35 -1.20 0.00	21.67 -0.69 0.00	19.64 -0.69 0.00
HUNTLEY___66 23560	23.03 0.41 0.00	21.06 0.21 0.00	19.98 -0.12 0.00	19.77 -0.24 0.00	20.94 -0.04 0.00	24.62 -0.10 0.00	32.00 -0.45 0.00	32.33 0.29 0.00	26.70 -0.11 0.00	21.53 0.04 0.00	19.85 0.10 0.00	19.35 0.04 0.00	19.58 0.19 0.00	19.24 0.15 0.00	18.93 -0.06 0.00	18.55 -0.24 0.00	19.40 -0.24 0.00	22.24 -0.52 0.00	25.38 -0.87 0.00	30.31 -1.03 0.00	29.66 -0.95 0.00	27.35 -1.20 0.00	21.67 -0.69 0.00	19.64 -0.69 0.00
HUNTLEY___67 23561	22.96 0.34 0.00	21.00 0.15 0.00	19.92 -0.18 0.00	19.73 -0.28 0.00	20.87 -0.10 0.00	24.55 -0.17 0.00	31.90 -0.55 0.00	32.17 0.13 0.00	26.62 -0.19 0.00	21.47 -0.02 0.00	19.79 0.04 0.00	19.31 0.00 0.00	19.54 0.16 0.00	19.21 0.11 0.00	18.91 -0.08 0.00	18.53 -0.26 0.00	19.38 -0.26 0.00	22.24 -0.52 0.00	25.38 -0.87 0.00	30.27 -1.07 0.00	29.63 -0.98 0.00	27.32 -1.23 0.00	21.64 -0.72 0.00	19.64 -0.69 0.00



HUNTLEY___68 23562	22.96 0.34 0.00	21.00 0.15 0.00	19.92 -0.18 0.00	19.73 -0.28 0.00	20.87 -0.10 0.00	24.55 -0.17 0.00	31.90 -0.55 0.00	32.17 0.13 0.00	26.62 -0.19 0.00	21.47 -0.02 0.00	19.79 0.04 0.00	19.31 0.00 0.00	19.54 0.16 0.00	19.21 0.11 0.00	18.91 -0.08 0.00	18.53 -0.26 0.00	19.38 -0.26 0.00	22.24 -0.52 0.00	25.38 -0.87 0.00	30.27 -1.07 0.00	29.63 -0.98 0.00	27.32 -1.23 0.00	21.64 -0.72 0.00	19.64 -0.69 0.00
HYLAND___LFGE 323620	24.03 1.40 0.00	21.96 1.10 0.00	21.29 1.19 0.00	21.23 1.22 0.00	21.94 0.97 0.00	25.98 1.26 0.00	34.43 1.98 0.00	34.22 2.18 0.00	28.01 1.21 0.00	22.26 0.77 0.00	20.28 0.53 0.00	19.77 0.46 0.00	19.89 0.50 0.00	19.53 0.44 0.00	19.25 0.27 0.00	19.00 0.21 0.00	19.93 0.30 0.00	23.11 0.34 0.00	26.82 0.58 0.00	32.15 0.81 0.00	31.65 1.04 0.00	28.98 0.43 0.00	22.74 0.38 0.00	20.60 0.26 0.00
INDECK___CORINTH 23802	23.14 0.52 0.00	21.38 0.52 0.00	20.52 0.42 0.00	20.45 0.44 0.00	21.44 0.46 0.00	25.31 0.59 0.00	33.62 1.17 0.00	32.91 0.87 0.00	27.23 0.43 0.00	21.64 0.15 0.00	19.81 0.06 0.00	19.35 0.04 0.00	19.45 0.06 0.00	19.03 -0.06 0.00	19.02 0.04 0.00	18.87 0.08 0.00	19.74 0.10 0.00	23.06 0.30 0.00	26.80 0.55 0.00	32.50 1.16 0.00	31.80 1.19 0.00	29.40 0.86 0.00	22.94 0.58 0.00	20.80 0.47 0.00
INDECK___ILION 23567	22.76 0.14 0.00	20.98 0.13 0.00	20.20 0.10 0.00	20.11 0.10 0.00	21.08 0.10 0.00	24.84 0.12 0.00	32.75 0.29 0.00	32.30 0.26 0.00	26.88 0.08 0.00	21.55 0.06 0.00	19.81 0.06 0.00	19.35 0.04 0.00	19.45 0.06 0.00	19.15 0.06 0.00	19.06 0.08 0.00	18.87 0.08 0.00	19.72 0.08 0.00	22.88 0.11 0.00	26.37 0.13 0.00	31.59 0.25 0.00	30.82 0.21 0.00	28.66 0.11 0.00	22.40 0.04 0.00	20.37 0.04 0.00
INDECK___OLEAN 23982	23.57 0.95 0.00	21.56 0.71 0.00	20.92 0.82 0.00	20.85 0.84 0.00	21.61 0.63 0.00	25.63 0.92 0.00	33.78 1.33 0.00	33.71 1.67 0.00	27.69 0.88 0.00	22.31 0.82 0.00	20.50 0.75 0.00	19.97 0.66 0.00	20.18 0.80 0.00	19.86 0.76 0.00	19.55 0.57 0.00	19.19 0.40 0.00	20.15 0.51 0.00	23.18 0.41 0.00	26.56 0.32 0.00	31.75 0.41 0.00	31.00 0.40 0.00	28.61 0.06 0.00	22.54 0.18 0.00	20.56 0.22 0.00
INDECK___OSWEGO 23783	22.08 -0.54 0.00	20.33 -0.52 0.00	19.62 -0.48 0.00	19.53 -0.48 0.00	20.46 -0.52 0.00	24.10 -0.62 0.00	31.84 -0.62 0.00	31.40 -0.64 0.00	26.14 -0.67 0.00	21.02 -0.47 0.00	19.33 -0.42 0.00	18.90 -0.41 0.00	18.98 -0.41 0.00	18.69 -0.40 0.00	18.55 -0.44 0.00	18.36 -0.43 0.00	19.17 -0.47 0.00	22.11 -0.66 0.00	25.48 -0.76 0.00	30.56 -0.78 0.00	29.87 -0.73 0.00	27.75 -0.80 0.00	21.76 -0.60 0.00	19.76 -0.57 0.00
INDECK___YERKES 23781	23.05 0.43 0.00	21.08 0.23 0.00	20.52 0.42 0.00	20.45 0.44 0.00	21.00 0.02 0.00	24.77 0.05 0.00	32.62 0.16 0.00	32.36 0.32 0.00	26.67 -0.13 0.00	21.55 0.06 0.00	19.87 0.12 0.00	19.37 0.06 0.00	19.60 0.21 0.00	19.26 0.17 0.00	18.95 -0.04 0.00	18.57 -0.22 0.00	19.42 -0.22 0.00	22.27 -0.50 0.00	25.43 -0.81 0.00	30.34 -1.00 0.00	29.69 -0.92 0.00	27.38 -1.17 0.00	21.69 -0.67 0.00	19.84 -0.49 0.00
INDIAN POINT_GT_1 24139	23.82 1.20 0.00	21.88 1.02 0.00	21.10 1.00 0.00	21.03 1.02 0.00	22.03 1.05 0.00	25.98 1.26 0.00	34.60 2.14 0.00	34.19 2.15 0.00	28.36 1.55 0.00	22.74 1.25 0.00	20.84 1.09 0.00	20.44 1.12 -0.01	20.44 1.05 0.00	20.18 1.09 0.00	20.10 1.12 0.00	19.96 1.17 0.00	20.84 1.20 0.00	24.31 1.55 0.00	28.03 1.78 0.00	33.91 2.57 0.00	33.12 2.51 0.00	30.55 2.00 0.00	23.81 1.45 0.00	21.69 1.36 0.00
INDIAN POINT_GT_2 23659	23.82 1.20 0.00	21.88 1.02 0.00	21.10 1.00 0.00	21.03 1.02 0.00	22.03 1.05 0.00	25.98 1.26 0.00	34.60 2.14 0.00	34.19 2.15 0.00	28.36 1.55 0.00	22.74 1.25 0.00	20.84 1.09 0.00	20.44 1.12 -0.01	20.44 1.05 0.00	20.18 1.09 0.00	20.10 1.12 0.00	19.96 1.17 0.00	20.84 1.20 0.00	24.31 1.55 0.00	28.03 1.78 0.00	33.91 2.57 0.00	33.12 2.51 0.00	30.55 2.00 0.00	23.81 1.45 0.00	21.69 1.36 0.00
INDIAN POINT_GT_3 24019	23.82 1.20 0.00	21.88 1.02 0.00	21.10 1.00 0.00	21.03 1.02 0.00	22.03 1.05 0.00	25.98 1.26 0.00	34.60 2.14 0.00	34.19 2.15 0.00	28.36 1.55 0.00	22.74 1.25 0.00	20.84 1.09 0.00	20.44 1.12 -0.01	20.44 1.05 0.00	20.18 1.09 0.00	20.10 1.12 0.00	19.96 1.17 0.00	20.84 1.20 0.00	24.31 1.55 0.00	28.03 1.78 0.00	33.91 2.57 0.00	33.12 2.51 0.00	30.55 2.00 0.00	23.81 1.45 0.00	21.69 1.36 0.00
INDIAN POINT___2 23530	23.84 1.22 0.00	21.90 1.04 0.00	21.06 0.96 0.00	20.95 0.94 0.00	22.05 1.07 0.00	26.03 1.31 0.00	34.69 2.24 0.00	34.35 2.31 0.00	28.39 1.58 0.00	22.76 1.27 0.00	20.87 1.13 0.00	20.46 1.14 -0.01	20.45 1.07 0.00	20.22 1.13 0.00	20.12 1.14 0.00	19.98 1.18 -0.01	20.88 1.24 0.00	24.34 1.57 0.00	28.05 1.81 0.00	33.94 2.60 0.00	33.15 2.54 0.00	30.55 2.00 0.00	23.90 1.54 0.00	21.69 1.36 0.00
INDIAN POINT___3 23531	23.71 1.09 0.00	21.79 0.94 0.00	21.02 0.92 0.00	20.95 0.94 0.00	21.94 0.97 0.00	25.88 1.16 0.00	34.43 1.98 0.00	34.06 2.02 0.00	28.25 1.45 0.00	22.63 1.14 0.00	20.76 1.01 0.00	20.31 1.00 0.00	20.34 0.95 0.00	20.08 0.99 0.00	20.01 1.03 0.00	19.86 1.07 0.00	20.74 1.10 0.00	24.20 1.43 0.00	27.92 1.68 0.00	33.75 2.41 0.00	32.96 2.36 0.00	30.40 1.86 0.00	23.70 1.34 0.00	21.61 1.28 0.00
INGHAM_C_115KV_TB7 356103	22.71 0.09 0.00	20.94 0.08 0.00	20.18 0.08 0.00	20.09 0.08 0.00	21.06 0.08 0.00	24.79 0.07 0.00	32.68 0.23 0.00	32.17 0.13 0.00	26.75 -0.05 0.00	21.47 -0.02 0.00	19.75 0.00 0.00	19.29 -0.02 0.00	19.39 0.00 0.00	19.11 0.02 0.00	19.02 0.04 0.00	18.83 0.04 0.00	19.66 0.02 0.00	22.83 0.07 0.00	26.27 0.03 0.00	31.43 0.09 0.00	30.58 -0.03 0.00	28.46 -0.09 0.00	22.25 -0.11 0.00	20.23 -0.10 0.00
IP CORINTH___1 23988	23.14 0.52 0.00	21.38 0.52 0.00	20.56 0.46 0.00	20.49 0.48 0.00	21.44 0.46 0.00	25.29 0.57 0.00	33.59 1.14 0.00	32.84 0.80 0.00	27.21 0.40 0.00	21.64 0.15 0.00	19.81 0.06 0.00	19.35 0.04 0.00	19.45 0.06 0.00	19.03 -0.06 0.00	19.02 0.04 0.00	18.87 0.08 0.00	19.74 0.10 0.00	23.06 0.30 0.00	26.79 0.55 0.00	32.50 1.16 0.00	31.80 1.19 0.00	29.40 0.86 0.00	22.92 0.56 0.00	20.80 0.47 0.00
IP___TICONDEROGA 23804	23.89 1.27 0.00	22.08 1.23 0.00	21.19 1.09 0.00	21.11 1.10 0.00	22.09 1.11 0.00	26.08 1.36 0.00	34.73 2.27 0.00	33.74 1.70 0.00	27.90 1.10 0.00	22.07 0.58 0.00	20.13 0.38 0.00	19.64 0.33 0.00	19.80 0.41 0.00	19.23 0.13 0.00	19.29 0.30 0.00	19.13 0.34 0.00	20.01 0.37 0.00	23.49 0.73 0.00	27.45 1.21 0.00	33.44 2.10 0.00	32.84 2.23 0.00	30.26 1.71 0.00	23.52 1.16 0.00	21.29 0.96 0.00



ISLIP_RES_REC 323679	25.84 2.13 -1.09	24.91 1.84 -2.22	26.31 1.69 -4.52	23.25 1.72 -1.52	24.39 1.93 -1.49	30.87 2.30 -3.86	43.83 3.05 -8.33	43.75 3.11 -8.60	29.08 2.28 0.00	23.38 1.89 0.00	21.39 1.64 0.00	21.00 1.68 -0.01	20.90 1.51 0.00	20.64 1.55 0.00	20.52 1.54 0.00	20.54 1.75 -0.01	23.69 1.93 -2.13	27.82 2.44 -2.62	32.56 2.52 -3.79	42.78 3.35 -8.09	43.01 3.49 -8.91	38.93 2.68 -7.70	31.73 2.42 -6.96	28.45 2.13 -5.98
JAMAICA__27_KV_LOAD 355505	24.23 1.61 0.00	22.13 1.27 0.00	21.35 1.25 0.00	21.27 1.26 0.00	22.26 1.28 0.00	26.30 1.58 0.00	35.11 2.66 0.00	34.77 2.72 0.00	28.95 2.14 0.00	23.19 1.70 0.00	21.27 1.52 0.00	21.30 1.51 -0.48	20.86 1.47 0.00	20.61 1.49 -0.03	20.53 1.52 -0.03	20.61 1.60 -0.23	21.31 1.67 0.00	24.88 2.12 0.00	28.68 2.44 0.00	34.60 3.26 0.00	33.82 3.21 0.00	31.20 2.65 0.00	24.19 1.83 0.00	22.06 1.73 0.00
JANIS__SOLAR 323808	24.16 1.54 0.00	22.21 1.35 0.00	21.43 1.33 0.00	21.35 1.34 0.00	22.32 1.34 0.00	26.37 1.66 0.00	35.12 2.66 0.00	34.54 2.50 0.00	28.25 1.45 0.00	22.43 0.94 0.00	20.44 0.69 0.00	19.89 0.58 0.00	20.05 0.66 0.00	19.72 0.63 0.00	19.59 0.61 0.00	19.37 0.58 0.00	20.31 0.67 0.00	23.65 0.89 0.00	27.50 1.26 0.00	33.19 1.85 0.00	32.44 1.84 0.00	30.06 1.51 0.00	23.57 1.21 0.00	21.29 0.96 0.00
JARVIS____ 23743	22.67 0.05 0.00	20.90 0.04 0.00	20.14 0.04 0.00	20.05 0.04 0.00	21.02 0.04 0.00	24.77 0.05 0.00	32.68 0.23 0.00	32.24 0.19 0.00	26.86 0.05 0.00	21.51 0.02 0.00	19.77 0.02 0.00	19.33 0.02 0.00	19.41 0.02 0.00	19.11 0.02 0.00	19.02 0.04 0.00	18.83 0.04 0.00	19.68 0.04 0.00	22.81 0.05 0.00	26.32 0.08 0.00	31.56 0.22 0.00	30.82 0.22 0.00	28.66 0.11 0.00	22.45 0.09 0.00	20.39 0.06 0.00
JENNISON__1 23625	24.25 1.63 0.00	22.33 1.48 0.00	21.43 1.33 0.00	21.33 1.32 0.00	22.45 1.47 0.00	26.47 1.76 0.00	35.15 2.69 0.00	34.73 2.69 0.00	28.52 1.72 0.00	22.71 1.22 0.00	20.70 0.95 0.00	20.14 0.83 0.00	20.32 0.93 0.00	20.01 0.92 0.00	19.90 0.91 0.00	19.64 0.85 0.00	20.54 0.90 0.00	23.93 1.16 0.00	27.74 1.50 0.00	33.53 2.19 0.00	32.78 2.17 0.00	30.35 1.80 0.00	23.77 1.41 0.00	21.47 1.14 0.00
JENNISON__2 23626	24.25 1.63 0.00	22.33 1.48 0.00	21.43 1.33 0.00	21.33 1.32 0.00	22.45 1.47 0.00	26.47 1.76 0.00	35.15 2.69 0.00	34.73 2.69 0.00	28.52 1.72 0.00	22.71 1.22 0.00	20.70 0.95 0.00	20.14 0.83 0.00	20.32 0.93 0.00	20.01 0.92 0.00	19.90 0.91 0.00	19.64 0.85 0.00	20.54 0.90 0.00	23.93 1.16 0.00	27.74 1.50 0.00	33.53 2.19 0.00	32.78 2.17 0.00	30.35 1.80 0.00	23.77 1.41 0.00	21.47 1.14 0.00
JERICHO_RISE_WT_PWR 323719	22.42 -0.20 0.00	20.77 -0.08 0.00	20.04 -0.06 0.00	19.95 -0.06 0.00	21.00 0.02 0.00	24.77 0.05 0.00	31.35 -1.10 0.00	31.08 -0.96 0.00	26.97 0.16 0.00	21.53 0.04 0.00	19.73 -0.02 0.00	19.29 -0.02 0.00	19.41 0.02 0.00	19.05 -0.04 0.00	18.95 -0.04 0.00	18.73 -0.06 0.00	19.60 -0.04 0.00	22.74 -0.02 0.00	26.19 -0.05 0.00	30.81 -0.53 0.00	29.81 -0.80 0.00	28.04 -0.51 0.00	21.78 -0.58 0.00	20.19 -0.14 0.00
KATONAH__115KV_46KV_TB4 355592	23.87 1.24 0.00	21.92 1.06 0.00	21.19 1.09 0.00	21.09 1.08 0.00	22.09 1.11 0.00	26.05 1.33 0.00	34.73 2.27 0.00	34.29 2.24 0.00	28.41 1.61 0.00	22.76 1.27 0.00	20.84 1.09 0.00	20.41 1.10 0.00	20.44 1.05 0.00	20.20 1.11 0.00	20.12 1.14 0.00	19.96 1.17 0.00	20.84 1.20 0.00	24.29 1.53 0.00	28.05 1.81 0.00	33.91 2.57 0.00	33.12 2.51 0.00	30.58 2.03 0.00	23.86 1.50 0.00	21.73 1.40 0.00
KCE_NY_1 323755	23.33 0.70 0.00	21.54 0.69 0.00	20.72 0.62 0.00	20.63 0.62 0.00	21.63 0.65 0.00	25.51 0.79 0.00	33.85 1.39 0.00	33.19 1.15 0.00	27.47 0.67 0.00	21.85 0.36 0.00	20.06 0.32 0.00	19.60 0.29 0.00	19.70 0.31 0.00	19.32 0.23 0.00	19.27 0.29 0.00	19.11 0.32 0.00	19.99 0.35 0.00	23.34 0.57 0.00	27.06 0.81 0.00	32.75 1.41 0.00	32.01 1.41 0.00	29.63 1.08 0.00	23.16 0.80 0.00	21.02 0.69 0.00
KCE_NY_6_ESR 323823	23.33 0.70 0.00	21.33 0.48 0.00	20.74 0.64 0.00	20.67 0.66 0.00	21.25 0.27 0.00	25.11 0.39 0.00	33.10 0.65 0.00	32.87 0.83 0.00	27.07 0.27 0.00	21.85 0.36 0.00	20.14 0.39 0.00	19.64 0.33 0.00	19.87 0.48 0.00	19.55 0.46 0.00	19.23 0.25 0.00	18.85 0.06 0.00	19.72 0.08 0.00	22.63 -0.14 0.00	25.88 -0.37 0.00	30.87 -0.47 0.00	30.18 -0.43 0.00	27.81 -0.74 0.00	22.00 -0.36 0.00	20.11 -0.22 0.00
KEDC_PORT_JEFF_GT2 24210	25.75 2.04 -1.09	24.80 1.73 -2.22	26.21 1.59 -4.52	23.15 1.62 -1.52	24.29 1.82 -1.49	31.27 2.20 -4.35	45.63 2.79 -10.38	45.64 2.85 -10.74	28.97 2.17 0.00	23.29 1.81 0.00	21.31 1.56 0.00	20.92 1.60 -0.01	20.82 1.43 0.00	20.56 1.47 0.00	20.45 1.46 0.00	20.47 1.67 -0.01	24.16 1.87 -2.65	28.38 2.35 -3.26	33.41 2.44 -4.73	44.55 3.10 -10.10	45.02 3.28 -11.13	40.62 2.46 -9.62	32.77 2.33 -8.09	29.84 2.05 -7.45
KEDC_PORT_JEFF_GT3 24211	25.75 2.04 -1.09	24.80 1.73 -2.22	26.21 1.59 -4.52	23.15 1.62 -1.52	24.29 1.82 -1.49	31.27 2.20 -4.35	45.63 2.79 -10.38	45.64 2.85 -10.74	28.97 2.17 0.00	23.29 1.81 0.00	21.31 1.56 0.00	20.92 1.60 -0.01	20.82 1.43 0.00	20.56 1.47 0.00	20.45 1.46 0.00	20.47 1.67 -0.01	24.16 1.87 -2.65	28.38 2.35 -3.26	33.41 2.44 -4.73	44.55 3.10 -10.10	45.02 3.28 -11.13	40.62 2.46 -9.62	32.77 2.33 -8.09	29.84 2.05 -7.45
KEDC_GLWD_GT4 24219	25.48 1.77 -1.09	24.60 1.52 -2.22	26.03 1.41 -4.52	22.93 1.40 -1.52	24.00 1.53 -1.49	28.47 1.88 -1.87	35.28 2.76 -0.07	34.90 2.85 -0.01	28.84 2.04 0.00	23.08 1.59 0.00	21.19 1.44 0.00	20.81 1.49 -0.01	20.77 1.38 0.00	20.51 1.41 0.00	20.41 1.42 0.00	20.32 1.52 -0.01	21.31 1.65 -0.02	24.87 2.07 -0.03	28.56 2.28 -0.03	34.44 3.10 0.00	33.83 3.21 -0.01	31.00 2.46 0.00	26.80 2.03 -2.41	22.18 1.79 -0.06
KEDC_GLWD_GT5 24220	25.48 1.77 -1.09	24.60 1.52 -2.22	26.03 1.41 -4.52	22.93 1.40 -1.52	24.00 1.53 -1.49	28.47 1.88 -1.87	35.28 2.76 -0.07	34.90 2.85 -0.01	28.84 2.04 0.00	23.08 1.59 0.00	21.19 1.44 0.00	20.81 1.49 -0.01	20.77 1.38 0.00	20.51 1.41 0.00	20.41 1.42 0.00	20.32 1.52 -0.01	21.31 1.65 -0.02	24.87 2.07 -0.03	28.56 2.28 -0.03	34.44 3.10 0.00	33.83 3.21 -0.01	31.00 2.46 0.00	26.80 2.03 -2.41	22.18 1.79 -0.06
KENSICO____ 23655	23.84 1.22 0.00	21.88 1.02 0.00	21.13 1.03 0.00	21.03 1.02 0.00	22.03 1.05 0.00	25.98 1.26 0.00	34.60 2.14 0.00	34.22 2.18 0.00	28.39 1.58 0.00	22.76 1.27 0.00	20.86 1.11 0.00	20.44 1.12 -0.01	20.44 1.05 0.00	20.20 1.11 0.00	20.12 1.14 0.00	19.98 1.18 -0.01	20.86 1.22 0.00	24.34 1.57 0.00	28.05 1.81 0.00	33.91 2.57 0.00	33.15 2.54 0.00	30.55 2.00 0.00	23.81 1.45 0.00	21.71 1.38 0.00



KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.84 1.22 0.00	21.85 1.00 0.00	21.08 0.98 0.00	21.01 1.00 0.00	22.03 1.05 0.00	26.00 1.29 0.00	34.63 2.17 0.00	34.13 2.08 0.00	28.28 1.47 0.00	22.52 1.03 0.00	20.58 0.83 0.00	20.04 0.73 0.00	20.13 0.74 0.00	19.91 0.82 0.00	19.84 0.85 0.00	19.71 0.92 0.00	20.60 0.96 0.00	24.11 1.34 0.00	27.95 1.71 0.00	33.75 2.41 0.00	33.02 2.42 0.00	30.46 1.91 0.00	23.74 1.39 0.00	21.63 1.30 0.00
KIAC_JFK_GT1 23816	24.09 1.47 0.00	22.02 1.17 0.00	21.25 1.15 0.00	21.17 1.16 0.00	22.15 1.17 0.00	26.18 1.46 0.00	34.79 2.34 0.00	34.45 2.40 0.00	28.79 1.98 0.00	23.06 1.57 0.00	21.15 1.40 0.00	21.18 1.39 -0.48	20.75 1.36 0.00	20.51 1.39 -0.03	20.43 1.42 -0.03	20.50 1.48 -0.23	21.19 1.55 0.00	24.75 1.98 0.00	28.53 2.28 0.00	34.29 2.95 0.00	33.51 2.91 0.00	31.03 2.48 0.00	24.08 1.72 0.00	21.96 1.63 0.00
KIAC_JFK_GT2 23817	24.09 1.47 0.00	22.02 1.17 0.00	21.25 1.15 0.00	21.17 1.16 0.00	22.15 1.17 0.00	26.18 1.46 0.00	34.79 2.34 0.00	34.45 2.40 0.00	28.79 1.98 0.00	23.06 1.57 0.00	21.15 1.40 0.00	21.18 1.39 -0.48	20.75 1.36 0.00	20.51 1.39 -0.03	20.43 1.42 -0.03	20.50 1.48 -0.23	21.19 1.55 0.00	24.75 1.98 0.00	28.53 2.28 0.00	34.29 2.95 0.00	33.51 2.91 0.00	31.03 2.48 0.00	24.08 1.72 0.00	21.96 1.63 0.00
KIAC_JFK____ 323774	24.09 1.47 0.00	22.04 1.19 0.00	21.16 1.06 0.00	21.05 1.04 0.00	22.15 1.17 0.00	26.20 1.48 0.00	34.89 2.44 0.00	34.57 2.53 0.00	28.82 2.01 0.00	23.06 1.57 0.00	21.15 1.40 0.00	21.18 1.39 -0.48	20.75 1.36 0.00	20.51 1.39 -0.03	20.44 1.42 -0.03	20.50 1.48 -0.23	21.19 1.55 0.00	24.75 1.98 0.00	28.50 2.26 0.00	34.28 2.95 0.00	33.73 3.12 0.00	31.00 2.46 0.00	24.15 1.79 0.00	21.94 1.61 0.00
KINTIGH____ 23543	22.65 0.02 0.00	20.75 -0.10 0.00	19.70 -0.40 0.00	19.51 -0.50 0.00	20.64 -0.34 0.00	24.25 -0.47 0.00	31.51 -0.94 0.00	31.75 -0.29 0.00	26.32 -0.48 0.00	21.23 -0.26 0.00	19.57 -0.18 0.00	19.10 -0.21 0.00	19.31 -0.08 0.00	18.98 -0.11 0.00	18.68 -0.30 0.00	18.34 -0.45 0.00	19.19 -0.45 0.00	22.04 -0.73 0.00	25.22 -1.02 0.00	30.09 -1.25 0.00	29.47 -1.13 0.00	27.21 -1.34 0.00	21.51 -0.85 0.00	19.54 -0.79 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	22.53 -0.09 0.00	20.92 0.06 0.00	20.20 0.10 0.00	20.15 0.14 0.00	21.21 0.23 0.00	25.11 0.40 0.00	32.75 0.29 0.00	32.49 0.45 0.00	27.34 0.54 0.00	21.79 0.30 0.00	19.91 0.16 0.00	19.46 0.15 0.00	19.62 0.23 0.00	19.21 0.11 0.00	19.10 0.11 0.00	18.88 0.09 0.00	19.78 0.14 0.00	22.95 0.18 0.00	26.48 0.24 0.00	31.12 -0.22 0.00	30.12 -0.49 0.00	28.15 -0.40 0.00	22.72 0.36 0.00	20.58 0.24 0.00
LACHUTE____HYDRO 323717	23.89 1.27 0.00	22.06 1.21 0.00	21.16 1.06 0.00	21.09 1.08 0.00	22.09 1.11 0.00	26.10 1.38 0.00	34.79 2.34 0.00	33.77 1.73 0.00	27.90 1.10 0.00	22.07 0.58 0.00	20.12 0.37 0.00	19.64 0.33 0.00	19.80 0.41 0.00	19.23 0.13 0.00	19.29 0.30 0.00	19.13 0.34 0.00	20.01 0.37 0.00	23.49 0.73 0.00	27.45 1.21 0.00	33.47 2.13 0.00	32.84 2.23 0.00	30.26 1.71 0.00	23.57 1.21 0.00	21.29 0.96 0.00
LAWRNCV_115KV_TB1 80681	21.90 -0.72 0.00	20.27 -0.58 0.00	19.56 -0.54 0.00	19.49 -0.52 0.00	20.43 -0.55 0.00	24.13 -0.59 0.00	31.38 -1.07 0.00	30.95 -1.09 0.00	26.08 -0.72 0.00	20.87 -0.62 0.00	19.12 -0.63 0.00	18.65 -0.66 0.00	18.79 -0.60 0.00	18.44 -0.65 0.00	18.36 -0.63 0.00	18.15 -0.64 0.00	18.97 -0.67 0.00	22.04 -0.73 0.00	25.43 -0.81 0.00	30.05 -1.28 0.00	29.35 -1.25 0.00	27.61 -0.94 0.00	21.67 -0.69 0.00	19.64 -0.69 0.00
LEDERLE____ 23769	23.78 1.15 0.00	21.83 0.98 0.00	21.06 0.96 0.00	20.99 0.98 0.00	22.01 1.03 0.00	25.95 1.24 0.00	34.53 2.08 0.00	34.19 2.15 0.00	28.36 1.55 0.00	22.69 1.20 0.00	20.82 1.07 0.00	20.35 1.04 0.00	20.38 0.99 0.00	20.12 1.03 0.00	20.05 1.06 0.00	19.90 1.11 0.00	20.80 1.16 0.00	24.27 1.50 0.00	28.00 1.76 0.00	33.85 2.51 0.00	33.05 2.45 0.00	30.52 1.97 0.00	23.79 1.43 0.00	21.67 1.34 0.00
LIGHTHSE_115KV_TB6 355974	22.33 -0.29 0.00	20.58 -0.27 0.00	19.82 -0.28 0.00	19.73 -0.28 0.00	20.69 -0.29 0.00	24.40 -0.32 0.00	32.19 -0.26 0.00	31.82 -0.22 0.00	26.40 -0.40 0.00	21.19 -0.30 0.00	19.47 -0.28 0.00	19.00 -0.31 0.00	19.10 -0.29 0.00	18.79 -0.31 0.00	18.66 -0.32 0.00	18.45 -0.34 0.00	19.23 -0.41 0.00	22.24 -0.52 0.00	25.69 -0.55 0.00	30.87 -0.47 0.00	30.24 -0.37 0.00	28.09 -0.46 0.00	21.98 -0.38 0.00	19.93 -0.41 0.00
LINDEN COGEN____ 23786	23.96 1.33 0.00	21.94 1.08 0.00	21.08 0.98 0.00	20.97 0.96 0.00	22.07 1.09 0.00	26.08 1.36 0.00	34.85 2.40 0.00	34.51 2.47 0.00	28.52 1.72 0.00	22.95 1.46 0.00	21.03 1.28 0.00	21.10 1.31 -0.48	20.59 1.20 0.00	20.40 1.28 -0.03	20.32 1.31 -0.03	20.37 1.35 -0.23	21.01 1.37 0.00	24.47 1.71 0.00	28.21 1.97 0.00	34.16 2.82 0.00	33.39 2.78 0.00	30.69 2.14 0.00	23.97 1.61 0.00	21.78 1.44 0.00
LINDHRST_69_KV_BK1 356055	25.67 1.97 -1.08	24.78 1.71 -2.21	26.24 1.63 -4.52	23.16 1.64 -1.52	24.18 1.72 -1.48	28.81 2.08 -2.01	35.92 2.79 -0.68	35.43 2.79 -0.60	28.92 2.12 0.00	23.23 1.74 0.00	21.29 1.54 0.00	20.90 1.58 -0.01	20.82 1.43 0.00	20.56 1.47 0.00	20.47 1.48 0.00	20.41 1.62 -0.01	21.60 1.79 -0.17	25.23 2.25 -0.21	28.99 2.44 -0.31	35.18 3.29 -0.55	34.64 3.43 -0.60	31.70 2.63 -0.52	27.26 2.17 -2.74	22.85 2.03 -0.48
LIPA_MISC_IPP 23656	25.65 1.95 -1.08	24.73 1.67 -2.21	26.20 1.59 -4.52	23.18 1.66 -1.52	24.20 1.74 -1.48	30.99 2.10 -4.17	44.85 2.73 -9.67	44.79 2.72 -10.02	28.76 1.96 0.00	23.23 1.74 0.00	21.23 1.48 0.00	20.85 1.53 -0.01	20.73 1.34 0.00	20.47 1.37 0.00	20.37 1.39 0.00	20.41 1.62 -0.01	23.89 1.79 -2.46	28.10 2.30 -3.03	33.04 2.39 -4.41	43.94 3.17 -9.43	44.33 3.34 -10.39	40.07 2.54 -8.98	32.24 2.19 -7.69	29.34 2.07 -6.93
LISF____SOLAR 323691	25.73 2.01 -1.09	24.78 1.71 -2.22	26.19 1.57 -4.52	23.15 1.62 -1.52	24.31 1.85 -1.49	31.08 2.20 -4.16	45.01 2.95 -9.61	44.97 2.98 -9.95	28.92 2.12 0.00	23.25 1.76 0.00	21.25 1.50 0.00	20.87 1.55 -0.01	20.75 1.36 0.00	20.49 1.39 0.00	20.37 1.39 0.00	20.43 1.63 -0.01	23.92 1.83 -2.45	28.13 2.35 -3.02	33.01 2.39 -4.38	43.90 3.20 -9.36	44.26 3.34 -10.32	40.03 2.57 -8.91	32.36 2.35 -7.66	29.28 2.05 -6.89
LITTLE FALLS____HYD 24013	22.71 0.09 0.00	20.94 0.08 0.00	20.18 0.08 0.00	20.09 0.08 0.00	21.06 0.08 0.00	24.79 0.07 0.00	32.68 0.23 0.00	32.17 0.13 0.00	26.75 -0.05 0.00	21.47 -0.02 0.00	19.75 0.00 0.00	19.29 -0.02 0.00	19.39 0.00 0.00	19.11 0.02 0.00	19.02 0.04 0.00	18.83 0.04 0.00	19.66 0.02 0.00	22.83 0.07 0.00	26.27 0.03 0.00	31.43 0.09 0.00	30.58 -0.03 0.00	28.46 -0.09 0.00	22.25 -0.11 0.00	20.23 -0.10 0.00



LITTLRIV_115KV_TB1 356100	22.10 -0.52 0.00	20.48 -0.38 0.00	19.74 -0.36 0.00	19.67 -0.34 0.00	20.62 -0.36 0.00	24.37 -0.35 0.00	31.74 -0.71 0.00	31.27 -0.77 0.00	26.29 -0.51 0.00	21.02 -0.47 0.00	19.22 -0.53 0.00	18.75 -0.56 0.00	18.88 -0.50 0.00	18.54 -0.55 0.00	18.47 -0.51 0.00	18.25 -0.54 0.00	19.07 -0.57 0.00	22.17 -0.59 0.00	25.64 -0.60 0.00	30.31 -1.03 0.00	29.63 -0.98 0.00	27.86 -0.69 0.00	21.87 -0.49 0.00	19.80 -0.53 0.00
LI_NEWBRDGE___DRP 323616	25.27 1.56 -1.08	24.40 1.33 -2.21	25.92 1.31 -4.52	22.84 1.32 -1.52	23.82 1.36 -1.48	28.20 1.63 -1.85	34.79 2.34 0.00	34.38 2.34 0.00	28.55 1.74 0.00	22.93 1.44 0.00	21.01 1.26 0.00	20.63 1.31 -0.01	20.59 1.20 0.00	20.33 1.24 0.00	20.24 1.25 0.00	20.17 1.37 -0.01	21.13 1.49 0.00	24.66 1.89 0.00	28.32 2.07 0.00	34.16 2.82 0.00	33.58 2.97 0.00	30.78 2.23 0.00	26.51 1.79 -2.36	22.02 1.69 0.00
LOCKPORT_115KV_TB60_63_64 80432	22.85 0.23 0.00	20.90 0.04 0.00	19.82 -0.28 0.00	19.61 -0.40 0.00	20.77 -0.21 0.00	24.40 -0.32 0.00	31.71 -0.75 0.00	32.01 -0.03 0.00	26.46 -0.35 0.00	21.34 -0.15 0.00	19.67 -0.08 0.00	19.19 -0.12 0.00	19.43 0.04 0.00	19.09 0.00 0.00	18.76 -0.23 0.00	18.40 -0.39 0.00	19.25 -0.39 0.00	22.08 -0.68 0.00	25.19 -1.05 0.00	30.09 -1.25 0.00	29.47 -1.13 0.00	27.15 -1.40 0.00	21.51 -0.85 0.00	19.52 -0.81 0.00
LOCKPORT___CC1 323769	22.87 0.25 0.00	20.92 0.06 0.00	20.34 0.24 0.00	20.29 0.28 0.00	20.81 -0.17 0.00	24.55 -0.17 0.00	32.29 -0.16 0.00	32.04 0.00 0.00	26.43 -0.38 0.00	21.36 -0.13 0.00	19.69 -0.06 0.00	19.21 -0.10 0.00	19.43 0.04 0.00	19.09 0.00 0.00	18.78 -0.21 0.00	18.41 -0.38 0.00	19.25 -0.39 0.00	22.08 -0.68 0.00	25.25 -1.00 0.00	30.09 -1.25 0.00	29.47 -1.13 0.00	27.15 -1.40 0.00	21.51 -0.85 0.00	19.70 -0.63 0.00
LOCKPORT___CC2 323770	22.87 0.25 0.00	20.92 0.06 0.00	20.34 0.24 0.00	20.29 0.28 0.00	20.81 -0.17 0.00	24.55 -0.17 0.00	32.29 -0.16 0.00	32.04 0.00 0.00	26.43 -0.38 0.00	21.36 -0.13 0.00	19.69 -0.06 0.00	19.21 -0.10 0.00	19.43 0.04 0.00	19.09 0.00 0.00	18.78 -0.21 0.00	18.41 -0.38 0.00	19.25 -0.39 0.00	22.08 -0.68 0.00	25.25 -1.00 0.00	30.09 -1.25 0.00	29.47 -1.13 0.00	27.15 -1.40 0.00	21.51 -0.85 0.00	19.70 -0.63 0.00
LOCKPORT___CC3 323771	22.87 0.25 0.00	20.92 0.06 0.00	20.34 0.24 0.00	20.29 0.28 0.00	20.81 -0.17 0.00	24.55 -0.17 0.00	32.29 -0.16 0.00	32.04 0.00 0.00	26.43 -0.38 0.00	21.36 -0.13 0.00	19.69 -0.06 0.00	19.21 -0.10 0.00	19.43 0.04 0.00	19.09 0.00 0.00	18.78 -0.21 0.00	18.41 -0.38 0.00	19.25 -0.39 0.00	22.08 -0.68 0.00	25.25 -1.00 0.00	30.09 -1.25 0.00	29.47 -1.13 0.00	27.15 -1.40 0.00	21.51 -0.85 0.00	19.70 -0.63 0.00
LONG_LAKE_PHOENIX 24014	22.19 -0.43 0.00	20.44 -0.42 0.00	19.68 -0.42 0.00	19.59 -0.42 0.00	20.54 -0.44 0.00	24.20 -0.52 0.00	31.90 -0.55 0.00	31.56 -0.48 0.00	26.29 -0.51 0.00	21.10 -0.39 0.00	19.41 -0.34 0.00	18.98 -0.33 0.00	19.06 -0.33 0.00	18.77 -0.32 0.00	18.62 -0.36 0.00	18.41 -0.38 0.00	19.25 -0.39 0.00	22.20 -0.57 0.00	25.61 -0.63 0.00	30.68 -0.66 0.00	29.99 -0.61 0.00	27.86 -0.69 0.00	21.82 -0.54 0.00	19.84 -0.49 0.00
LOVETT___3 23632	23.69 1.06 0.00	21.75 0.90 0.00	20.98 0.88 0.00	20.91 0.90 0.00	21.92 0.94 0.00	25.86 1.14 0.00	34.40 1.95 0.00	34.03 1.99 0.00	28.22 1.42 0.00	22.61 1.12 0.00	20.74 0.99 0.00	20.29 0.98 0.00	20.30 0.91 0.00	20.07 0.97 0.00	19.99 1.01 0.00	19.84 1.05 0.00	20.72 1.08 0.00	24.18 1.41 0.00	27.90 1.65 0.00	33.72 2.38 0.00	32.93 2.33 0.00	30.38 1.83 0.00	23.70 1.34 0.00	21.59 1.26 0.00
LOVETT___4 23642	23.69 1.06 0.00	21.75 0.90 0.00	20.98 0.88 0.00	20.91 0.90 0.00	21.92 0.94 0.00	25.86 1.14 0.00	34.40 1.95 0.00	34.03 1.99 0.00	28.22 1.42 0.00	22.61 1.12 0.00	20.74 0.99 0.00	20.29 0.98 0.00	20.30 0.91 0.00	20.07 0.97 0.00	19.99 1.01 0.00	19.84 1.05 0.00	20.72 1.08 0.00	24.18 1.41 0.00	27.90 1.65 0.00	33.72 2.38 0.00	32.93 2.33 0.00	30.38 1.83 0.00	23.70 1.34 0.00	21.59 1.26 0.00
LOVETT___5 23593	23.69 1.06 0.00	21.75 0.90 0.00	20.98 0.88 0.00	20.91 0.90 0.00	21.92 0.94 0.00	25.86 1.14 0.00	34.40 1.95 0.00	34.03 1.99 0.00	28.22 1.42 0.00	22.61 1.12 0.00	20.74 0.99 0.00	20.29 0.98 0.00	20.30 0.91 0.00	20.07 0.97 0.00	19.99 1.01 0.00	19.84 1.05 0.00	20.72 1.08 0.00	24.18 1.41 0.00	27.90 1.65 0.00	33.72 2.38 0.00	32.93 2.33 0.00	30.38 1.83 0.00	23.70 1.34 0.00	21.59 1.26 0.00
LOWER RAQUET___HYD 24057	21.76 -0.86 0.00	20.14 -0.71 0.00	19.40 -0.70 0.00	19.31 -0.70 0.00	20.31 -0.67 0.00	23.93 -0.79 0.00	30.93 -1.52 0.00	30.54 -1.51 0.00	25.92 -0.88 0.00	20.72 -0.77 0.00	18.98 -0.77 0.00	18.52 -0.79 0.00	18.65 -0.74 0.00	18.31 -0.78 0.00	18.22 -0.76 0.00	18.02 -0.77 0.00	18.83 -0.81 0.00	21.88 -0.89 0.00	25.27 -0.97 0.00	29.87 -1.47 0.00	29.17 -1.44 0.00	27.43 -1.11 0.00	21.40 -0.96 0.00	19.50 -0.83 0.00
LOWER___HUDSON 24059	23.01 0.38 0.00	21.27 0.42 0.00	20.46 0.36 0.00	20.37 0.36 0.00	21.40 0.42 0.00	25.21 0.49 0.00	33.46 1.01 0.00	32.91 0.87 0.00	27.21 0.40 0.00	21.66 0.17 0.00	19.91 0.16 0.00	19.48 0.17 0.00	19.54 0.15 0.00	19.23 0.13 0.00	19.15 0.17 0.00	19.00 0.21 0.00	19.88 0.24 0.00	23.18 0.41 0.00	26.80 0.55 0.00	32.44 1.10 0.00	31.65 1.04 0.00	29.35 0.80 0.00	22.96 0.60 0.00	20.86 0.53 0.00
LOWVILLE_115KV_TB2 356335	22.85 0.23 0.00	21.08 0.23 0.00	20.30 0.20 0.00	20.21 0.20 0.00	21.23 0.25 0.00	25.04 0.32 0.00	33.13 0.68 0.00	32.62 0.58 0.00	26.97 0.16 0.00	21.53 0.04 0.00	19.69 -0.06 0.00	19.19 -0.12 0.00	19.31 -0.08 0.00	18.98 -0.11 0.00	18.70 -0.08 0.00	18.91 -0.09 0.00	19.48 -0.16 0.00	22.65 -0.11 0.00	26.24 0.00 0.00	31.56 0.22 0.00	30.91 0.31 0.00	28.78 0.23 0.00	22.52 0.16 0.00	20.33 0.00 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	23.32 0.70 0.00	21.54 0.69 0.00	20.74 0.64 0.00	20.65 0.64 0.00	21.63 0.65 0.00	25.48 0.77 0.00	33.78 1.33 0.00	33.13 1.09 0.00	27.45 0.64 0.00	21.85 0.37 0.00	20.05 0.30 0.00	19.60 0.29 0.00	19.68 0.29 0.00	19.32 0.23 0.00	19.27 0.28 0.00	19.11 0.32 0.00	19.99 0.35 0.00	23.31 0.55 0.00	27.03 0.79 0.00	32.72 1.38 0.00	31.98 1.38 0.00	29.63 1.08 0.00	23.12 0.76 0.00	21.02 0.69 0.00
LUTHERNY_35_KV_BK2 355980	23.32 0.70 0.00	21.56 0.71 0.00	20.74 0.64 0.00	20.67 0.66 0.00	21.65 0.67 0.00	25.51 0.79 0.00	33.78 1.33 0.00	33.16 1.12 0.00	27.47 0.67 0.00	21.85 0.37 0.00	20.07 0.32 0.00	19.60 0.29 0.00	19.70 0.31 0.00	19.32 0.23 0.00	19.27 0.28 0.00	19.11 0.32 0.00	19.99 0.35 0.00	23.34 0.57 0.00	27.06 0.81 0.00	32.75 1.41 0.00	32.01 1.41 0.00	29.63 1.08 0.00	23.12 0.76 0.00	21.02 0.69 0.00



LWR___OSWEGATCHIE_HYD 23850	22.08 -0.54 0.00	20.40 -0.46 0.00	19.66 -0.44 0.00	19.59 -0.42 0.00	20.56 -0.42 0.00	24.27 -0.44 0.00	31.87 -0.58 0.00	31.40 -0.64 0.00	26.19 -0.62 0.00	20.93 -0.56 0.00	19.16 -0.59 0.00	18.67 -0.64 0.00	18.81 -0.58 0.00	18.46 -0.63 0.00	18.38 -0.61 0.00	18.17 -0.62 0.00	18.95 -0.69 0.00	22.01 -0.75 0.00	25.48 -0.76 0.00	30.40 -0.94 0.00	29.75 -0.86 0.00	27.83 -0.71 0.00	21.80 -0.56 0.00	19.72 -0.61 0.00
LYONS_FALL_HYD 23570	23.03 0.41 0.00	21.25 0.40 0.00	20.46 0.36 0.00	20.39 0.38 0.00	21.38 0.40 0.00	25.21 0.49 0.00	33.40 0.94 0.00	32.87 0.83 0.00	27.21 0.40 0.00	21.73 0.24 0.00	19.89 0.14 0.00	19.37 0.06 0.00	19.51 0.12 0.00	19.19 0.10 0.00	19.10 0.11 0.00	18.88 0.09 0.00	19.70 0.06 0.00	22.86 0.09 0.00	26.48 0.24 0.00	31.84 0.50 0.00	31.19 0.58 0.00	29.00 0.46 0.00	22.67 0.31 0.00	20.51 0.18 0.00
MADISON___COUNTY_LFGE 323628	23.60 0.97 0.00	21.73 0.88 0.00	20.92 0.82 0.00	20.83 0.82 0.00	21.86 0.88 0.00	25.78 1.06 0.00	34.17 1.72 0.00	33.71 1.67 0.00	27.85 1.05 0.00	22.22 0.73 0.00	20.34 0.59 0.00	19.79 0.48 0.00	19.95 0.56 0.00	19.65 0.55 0.00	19.55 0.57 0.00	19.32 0.53 0.00	20.17 0.53 0.00	23.31 0.55 0.00	26.98 0.73 0.00	32.47 1.13 0.00	31.77 1.16 0.00	29.49 0.94 0.00	23.07 0.72 0.00	20.88 0.55 0.00
MALONE___115KV_TB1 356076	22.46 -0.16 0.00	20.83 -0.02 0.00	20.10 0.00 0.00	20.03 0.02 0.00	21.06 0.08 0.00	24.89 0.17 0.00	32.45 0.00 0.00	32.11 0.06 0.00	27.05 0.24 0.00	21.60 0.11 0.00	19.75 0.00 0.00	19.29 -0.02 0.00	19.45 0.06 0.00	19.05 -0.04 0.00	18.95 -0.04 0.00	18.73 -0.06 0.00	19.60 -0.04 0.00	22.77 0.00 0.00	26.27 0.03 0.00	30.93 -0.41 0.00	30.02 -0.58 0.00	28.18 -0.37 0.00	22.31 -0.04 0.00	20.21 -0.12 0.00
MAPLEWOD_115KV_TB3 80458	22.96 0.34 0.00	21.21 0.35 0.00	20.46 0.36 0.00	20.37 0.36 0.00	21.31 0.34 0.00	25.09 0.37 0.00	33.17 0.71 0.00	32.62 0.58 0.00	27.07 0.27 0.00	21.64 0.15 0.00	19.91 0.16 0.00	19.50 0.19 0.00	19.54 0.16 0.00	19.23 0.13 0.00	19.17 0.19 0.00	19.00 0.21 0.00	19.86 0.22 0.00	23.13 0.36 0.00	26.69 0.45 0.00	32.22 0.88 0.00	31.46 0.86 0.00	29.18 0.63 0.00	22.81 0.45 0.00	20.80 0.47 0.00
MAPLE_RIDGE_WT_1 323574	22.49 -0.13 0.00	20.75 -0.10 0.00	20.00 -0.10 0.00	19.91 -0.10 0.00	20.87 -0.10 0.00	24.60 -0.12 0.00	32.10 -0.36 0.00	31.69 -0.35 0.00	26.67 -0.13 0.00	21.38 -0.11 0.00	19.65 -0.10 0.00	19.21 -0.10 0.00	19.29 -0.10 0.00	19.00 -0.09 0.00	18.89 -0.09 0.00	18.70 -0.09 0.00	19.54 -0.10 0.00	22.65 -0.11 0.00	26.11 -0.13 0.00	31.03 -0.31 0.00	30.24 -0.37 0.00	28.15 -0.40 0.00	21.89 -0.47 0.00	19.82 -0.51 0.00
MAPLE_RIDGE_WT_2 323611	22.49 -0.13 0.00	20.75 -0.10 0.00	20.00 -0.10 0.00	19.91 -0.10 0.00	20.87 -0.10 0.00	24.60 -0.12 0.00	32.10 -0.36 0.00	31.69 -0.35 0.00	26.67 -0.13 0.00	21.38 -0.11 0.00	19.65 -0.10 0.00	19.21 -0.10 0.00	19.29 -0.10 0.00	19.00 -0.09 0.00	18.89 -0.09 0.00	18.70 -0.09 0.00	19.54 -0.10 0.00	22.65 -0.11 0.00	26.11 -0.13 0.00	31.03 -0.31 0.00	30.24 -0.37 0.00	28.15 -0.40 0.00	21.89 -0.47 0.00	19.82 -0.51 0.00
MARBLE_RIVER_WT_PWR 323696	22.44 -0.18 0.00	20.83 -0.02 0.00	20.12 0.02 0.00	20.05 0.04 0.00	21.15 0.17 0.00	24.99 0.27 0.00	30.76 -1.69 0.00	30.54 -1.51 0.00	27.23 0.43 0.00	21.73 0.24 0.00	19.87 0.12 0.00	19.41 0.10 0.00	19.56 0.17 0.00	19.17 0.08 0.00	19.06 0.08 0.00	18.83 0.04 0.00	19.70 0.06 0.00	22.86 0.09 0.00	26.32 0.08 0.00	30.87 -0.47 0.00	29.78 -0.82 0.00	27.84 -0.71 0.00	21.53 -0.83 0.00	20.41 0.08 0.00
MARSHVLE_115KV_TB1 80742	24.57 1.95 0.00	22.81 1.96 0.00	21.89 1.79 0.00	21.79 1.78 0.00	22.89 1.91 0.00	26.89 2.18 0.00	35.83 3.38 0.00	35.02 2.98 0.00	28.87 2.06 0.00	22.84 1.35 0.00	20.84 1.09 0.00	20.43 1.12 0.00	20.55 1.16 0.00	20.12 1.03 0.00	20.09 1.10 0.00	19.92 1.13 0.00	20.82 1.18 0.00	24.38 1.62 0.00	28.40 2.15 0.00	34.41 3.07 0.00	33.79 3.18 0.00	31.35 2.80 0.00	24.39 2.03 0.00	22.04 1.71 0.00
MARSH_HILL_WT_PWR 323713	23.98 1.36 0.00	21.94 1.08 0.00	21.27 1.17 0.00	21.19 1.18 0.00	21.94 0.97 0.00	25.98 1.26 0.00	34.40 1.95 0.00	34.06 2.02 0.00	28.01 1.21 0.00	22.48 0.99 0.00	20.62 0.87 0.00	20.10 0.79 0.00	20.30 0.91 0.00	19.97 0.88 0.00	19.65 0.66 0.00	19.30 0.51 0.00	20.11 0.47 0.00	23.18 0.41 0.00	26.66 0.42 0.00	31.87 0.53 0.00	30.97 0.37 0.00	28.46 -0.09 0.00	22.36 0.00 0.00	20.33 0.00 0.00
MCINTYRE_115KV_TB2 80467	22.40 -0.23 0.00	20.73 -0.13 0.00	20.00 -0.10 0.00	19.93 -0.08 0.00	20.90 -0.08 0.00	24.69 -0.02 0.00	32.10 -0.36 0.00	31.63 -0.42 0.00	26.56 -0.24 0.00	21.23 -0.26 0.00	19.43 -0.32 0.00	18.94 -0.37 0.00	19.08 -0.31 0.00	18.73 -0.36 0.00	18.66 -0.32 0.00	18.43 -0.36 0.00	19.29 -0.35 0.00	22.42 -0.34 0.00	25.95 -0.29 0.00	30.68 -0.66 0.00	29.99 -0.61 0.00	28.23 -0.31 0.00	22.16 -0.20 0.00	20.05 -0.28 0.00
MECO____69_KV_BK1 80468	25.41 2.78 0.00	23.63 2.77 0.00	22.59 2.49 0.00	22.51 2.50 0.00	23.62 2.64 0.00	27.86 3.14 0.00	37.19 4.74 0.00	35.95 3.91 0.00	29.57 2.76 0.00	23.25 1.76 0.00	21.17 1.42 0.00	20.72 1.41 0.00	20.92 1.53 0.00	20.37 1.28 0.00	20.37 1.39 0.00	20.27 1.48 0.00	21.25 1.61 0.00	25.02 2.25 0.00	29.26 3.02 0.00	35.57 4.23 0.00	35.01 4.41 0.00	32.35 3.80 0.00	25.09 2.73 0.00	22.59 2.26 0.00
MENANDS__115KV_TB5 355628	22.87 0.25 0.00	21.12 0.27 0.00	20.38 0.28 0.00	20.31 0.30 0.00	21.25 0.27 0.00	24.99 0.27 0.00	33.04 0.58 0.00	32.49 0.45 0.00	26.97 0.16 0.00	21.57 0.09 0.00	19.87 0.12 0.00	19.44 0.14 0.00	19.51 0.12 0.00	19.19 0.10 0.00	19.14 0.15 0.00	18.96 0.17 0.00	19.80 0.16 0.00	23.04 0.27 0.00	26.58 0.34 0.00	32.09 0.75 0.00	31.34 0.73 0.00	29.03 0.49 0.00	22.72 0.36 0.00	20.72 0.39 0.00
MG INDUSTRY___DRP 24185	22.92 0.29 0.00	21.17 0.31 0.00	20.42 0.32 0.00	20.35 0.34 0.00	21.29 0.31 0.00	25.04 0.32 0.00	33.04 0.58 0.00	32.43 0.38 0.00	26.88 0.08 0.00	21.47 -0.02 0.00	19.71 -0.04 0.00	19.27 -0.04 0.00	19.33 -0.06 0.00	19.02 -0.08 0.00	18.97 -0.02 0.00	18.81 0.02 0.00	19.72 0.08 0.00	22.95 0.18 0.00	26.53 0.29 0.00	32.00 0.66 0.00	31.25 0.64 0.00	29.01 0.46 0.00	22.69 0.34 0.00	20.70 0.37 0.00
MID___OSWEGATCHIE_HYD 23849	22.08 -0.54 0.00	20.40 -0.46 0.00	19.66 -0.44 0.00	19.59 -0.42 0.00	20.56 -0.42 0.00	24.27 -0.44 0.00	31.87 -0.58 0.00	31.40 -0.64 0.00	26.19 -0.62 0.00	20.93 -0.56 0.00	19.16 -0.59 0.00	18.67 -0.64 0.00	18.81 -0.58 0.00	18.46 -0.63 0.00	18.38 -0.61 0.00	18.17 -0.62 0.00	18.95 -0.69 0.00	22.01 -0.75 0.00	25.48 -0.76 0.00	30.40 -0.94 0.00	29.75 -0.86 0.00	27.83 -0.71 0.00	21.80 -0.56 0.00	19.72 -0.61 0.00



MID___RAQUETTE_HYD 23851	21.76 -0.86 0.00	20.14 -0.71 0.00	19.44 -0.66 0.00	19.35 -0.66 0.00	20.31 -0.67 0.00	23.98 -0.74 0.00	31.22 -1.23 0.00	30.76 -1.28 0.00	25.92 -0.88 0.00	20.72 -0.77 0.00	18.98 -0.77 0.00	18.52 -0.79 0.00	18.65 -0.74 0.00	18.31 -0.78 0.00	18.22 -0.76 0.00	18.02 -0.77 0.00	18.83 -0.81 0.00	21.88 -0.89 0.00	25.27 -0.97 0.00	29.87 -1.47 0.00	29.17 -1.44 0.00	27.44 -1.11 0.00	21.53 -0.83 0.00	19.52 -0.81 0.00
MILLIKEN___1 23584	23.48 0.86 0.00	21.56 0.71 0.00	20.70 0.60 0.00	20.61 0.60 0.00	21.67 0.69 0.00	25.56 0.84 0.00	33.75 1.30 0.00	33.48 1.44 0.00	27.72 0.91 0.00	22.16 0.67 0.00	20.30 0.55 0.00	19.83 0.52 0.00	19.93 0.54 0.00	19.61 0.52 0.00	19.42 0.44 0.00	19.18 0.39 0.00	20.07 0.43 0.00	23.24 0.48 0.00	26.87 0.63 0.00	32.25 0.91 0.00	31.52 0.92 0.00	29.21 0.66 0.00	22.90 0.54 0.00	20.76 0.43 0.00
MILLIKEN___2 23585	23.48 0.86 0.00	21.56 0.71 0.00	20.70 0.60 0.00	20.61 0.60 0.00	21.67 0.69 0.00	25.56 0.84 0.00	33.75 1.30 0.00	33.48 1.44 0.00	27.72 0.91 0.00	22.16 0.67 0.00	20.30 0.55 0.00	19.83 0.52 0.00	19.93 0.54 0.00	19.61 0.52 0.00	19.42 0.44 0.00	19.18 0.39 0.00	20.07 0.43 0.00	23.24 0.48 0.00	26.87 0.63 0.00	32.25 0.91 0.00	31.52 0.92 0.00	29.21 0.66 0.00	22.90 0.54 0.00	20.76 0.43 0.00
MILLIKEN___DIESEL 23629	23.48 0.86 0.00	21.56 0.71 0.00	20.70 0.60 0.00	20.61 0.60 0.00	21.67 0.69 0.00	25.56 0.84 0.00	33.75 1.30 0.00	33.48 1.44 0.00	27.72 0.91 0.00	22.16 0.67 0.00	20.30 0.55 0.00	19.83 0.52 0.00	19.93 0.54 0.00	19.61 0.52 0.00	19.42 0.44 0.00	19.18 0.39 0.00	20.07 0.43 0.00	23.24 0.48 0.00	26.87 0.63 0.00	32.25 0.91 0.00	31.52 0.92 0.00	29.21 0.66 0.00	22.90 0.54 0.00	20.76 0.43 0.00
MILLSEAT___LFGE 323607	23.10 0.48 0.00	21.10 0.25 0.00	20.52 0.42 0.00	20.45 0.44 0.00	21.02 0.04 0.00	24.82 0.10 0.00	32.74 0.29 0.00	32.55 0.51 0.00	26.86 0.05 0.00	21.64 0.15 0.00	19.91 0.16 0.00	19.41 0.10 0.00	19.64 0.25 0.00	19.30 0.21 0.00	18.95 -0.04 0.00	18.58 -0.21 0.00	19.46 -0.18 0.00	22.36 -0.41 0.00	25.59 -0.66 0.00	30.56 -0.78 0.00	29.99 -0.61 0.00	27.55 -1.00 0.00	21.78 -0.58 0.00	19.88 -0.45 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.78 1.15 0.00	21.85 1.00 0.00	21.08 0.98 0.00	21.01 1.00 0.00	22.01 1.03 0.00	25.95 1.24 0.00	34.53 2.08 0.00	34.16 2.11 0.00	28.31 1.50 0.00	22.69 1.20 0.00	20.80 1.05 0.00	20.40 1.08 -0.01	20.40 1.01 0.00	20.14 1.05 0.00	20.07 1.08 0.00	19.92 1.13 0.00	20.80 1.16 0.00	24.27 1.50 0.00	27.98 1.73 0.00	33.85 2.51 0.00	33.05 2.45 0.00	30.49 1.94 0.00	23.77 1.41 0.00	21.67 1.34 0.00
MILLWOOD_13_KV_LOAD 356217	23.84 1.22 0.00	21.90 1.04 0.00	21.13 1.03 0.00	21.05 1.04 0.00	22.05 1.07 0.00	26.00 1.29 0.00	34.63 2.17 0.00	34.22 2.18 0.00	28.39 1.58 0.00	22.74 1.25 0.00	20.84 1.09 0.00	20.44 1.12 -0.01	20.44 1.05 0.00	20.20 1.11 0.00	20.12 1.14 0.00	19.96 1.17 0.00	20.84 1.20 0.00	24.31 1.55 0.00	28.03 1.78 0.00	33.91 2.57 0.00	33.12 2.51 0.00	30.55 2.00 0.00	23.83 1.48 0.00	21.71 1.38 0.00
MODEL_CITY_ENERGY 24167	22.60 -0.02 0.00	20.67 -0.19 0.00	20.12 0.02 0.00	20.05 0.04 0.00	20.58 -0.40 0.00	24.25 -0.47 0.00	31.90 -0.55 0.00	31.59 -0.45 0.00	26.11 -0.70 0.00	21.10 -0.39 0.00	19.45 -0.30 0.00	18.98 -0.33 0.00	19.21 -0.17 0.00	18.88 -0.21 0.00	18.57 -0.42 0.00	18.21 -0.58 0.00	19.03 -0.61 0.00	21.83 -0.93 0.00	24.93 -1.31 0.00	29.74 -1.60 0.00	29.11 -1.50 0.00	26.84 -1.71 0.00	21.29 -1.07 0.00	19.50 -0.83 0.00
MODERN_LFGE___ 323580	22.60 -0.02 0.00	20.67 -0.19 0.00	20.12 0.02 0.00	20.05 0.04 0.00	20.58 -0.40 0.00	24.25 -0.47 0.00	31.90 -0.55 0.00	31.59 -0.45 0.00	26.11 -0.70 0.00	21.10 -0.39 0.00	19.45 -0.30 0.00	18.98 -0.33 0.00	19.21 -0.17 0.00	18.88 -0.21 0.00	18.57 -0.42 0.00	18.21 -0.58 0.00	19.03 -0.61 0.00	21.83 -0.93 0.00	24.93 -1.31 0.00	29.74 -1.60 0.00	29.11 -1.50 0.00	26.84 -1.71 0.00	21.29 -1.07 0.00	19.50 -0.83 0.00
MOHAWK_PAPER___DRP 24187	22.96 0.34 0.00	21.21 0.35 0.00	20.46 0.36 0.00	20.37 0.36 0.00	21.31 0.34 0.00	25.09 0.37 0.00	33.17 0.71 0.00	32.62 0.58 0.00	27.07 0.27 0.00	21.64 0.15 0.00	19.91 0.16 0.00	19.50 0.19 0.00	19.54 0.16 0.00	19.23 0.13 0.00	19.17 0.19 0.00	19.00 0.21 0.00	19.86 0.22 0.00	23.13 0.36 0.00	26.69 0.45 0.00	32.22 0.88 0.00	31.46 0.86 0.00	29.18 0.63 0.00	22.81 0.45 0.00	20.80 0.47 0.00
MOHICAN___35_KV_115KV_LD 80490	23.30 0.68 0.00	21.50 0.65 0.00	20.68 0.58 0.00	20.61 0.60 0.00	21.59 0.61 0.00	25.46 0.74 0.00	33.78 1.33 0.00	33.04 0.99 0.00	27.37 0.56 0.00	21.73 0.24 0.00	19.91 0.16 0.00	19.44 0.14 0.00	19.54 0.16 0.00	19.13 0.04 0.00	19.12 0.13 0.00	18.96 0.17 0.00	19.84 0.20 0.00	23.20 0.43 0.00	26.95 0.71 0.00	32.72 1.38 0.00	32.01 1.41 0.00	29.60 1.06 0.00	23.05 0.69 0.00	20.92 0.59 0.00
MONGAUP___HYD 23641	23.73 1.11 0.00	21.81 0.96 0.00	20.98 0.88 0.00	20.87 0.86 0.00	21.97 0.99 0.00	25.88 1.16 0.00	33.92 1.46 0.00	33.42 1.38 0.00	28.06 1.26 0.00	22.39 0.90 0.00	20.54 0.79 0.00	20.02 0.71 0.00	20.09 0.70 0.00	19.84 0.74 0.00	19.76 0.78 0.00	19.64 0.85 0.00	20.54 0.90 0.00	23.99 1.23 0.00	27.77 1.52 0.00	33.53 2.19 0.00	32.78 2.17 0.00	30.29 1.74 0.00	23.68 1.32 0.00	21.49 1.16 0.00
MONTAUK___DIESEL 23721	26.42 2.71 -1.08	25.42 2.36 -2.21	26.87 2.25 -4.52	23.84 2.32 -1.52	24.91 2.45 -1.48	31.85 2.97 -4.17	46.04 3.93 -9.66	45.96 3.91 -10.01	29.57 2.76 0.00	23.79 2.30 0.00	21.76 2.01 0.00	21.37 2.05 -0.01	21.21 1.82 0.00	20.94 1.85 0.00	20.83 1.84 0.00	20.86 2.07 -0.01	24.40 2.30 -2.46	28.76 2.96 -3.03	33.90 3.25 -4.40	45.08 4.32 -9.42	45.45 4.47 -10.37	41.09 3.57 -8.97	32.97 2.93 -7.68	29.98 2.72 -6.93
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.82 1.20 0.00	21.75 0.90 0.00	20.64 0.54 0.00	20.43 0.42 0.00	21.63 0.65 0.00	25.53 0.82 0.00	33.39 0.94 0.00	33.80 1.76 0.00	27.96 1.15 0.00	22.52 1.03 0.00	20.76 1.01 0.00	20.20 0.89 0.00	20.46 1.07 0.00	20.12 1.03 0.00	19.80 0.82 0.00	19.37 0.58 0.00	20.27 0.63 0.00	23.29 0.52 0.00	26.53 0.29 0.00	31.62 0.28 0.00	30.73 0.12 0.00	28.06 -0.49 0.00	21.91 -0.45 0.00	19.72 -0.61 0.00
MORTIMER_115KV_TB3 55949	22.87 0.25 0.00	20.96 0.10 0.00	19.94 -0.16 0.00	19.77 -0.24 0.00	20.90 -0.08 0.00	24.57 -0.15 0.00	32.13 -0.32 0.00	32.36 0.32 0.00	26.83 0.03 0.00	21.55 0.06 0.00	19.83 0.08 0.00	19.37 0.06 0.00	19.56 0.17 0.00	19.21 0.11 0.00	18.91 -0.08 0.00	18.58 -0.21 0.00	19.44 -0.20 0.00	22.40 -0.36 0.00	25.72 -0.52 0.00	30.74 -0.60 0.00	30.15 -0.46 0.00	27.81 -0.74 0.00	21.89 -0.47 0.00	19.82 -0.51 0.00



MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.98 1.36 0.00	22.00 1.15 0.00	21.23 1.13 0.00	21.13 1.12 0.00	22.13 1.15 0.00	26.10 1.38 0.00	34.79 2.34 0.00	34.41 2.37 0.00	28.55 1.74 0.00	22.93 1.44 0.00	21.01 1.26 0.00	20.42 1.27 0.16	20.59 1.20 0.00	20.34 1.26 0.01	20.27 1.29 0.01	20.05 1.33 0.07	21.01 1.37 0.00	24.50 1.73 0.00	28.24 1.99 0.00	34.16 2.82 0.00	33.36 2.75 0.00	30.75 2.20 0.00	23.92 1.57 0.00	21.84 1.50 0.00
MUNSVILLE_WIND_PWR 323609	25.05 2.42 0.00	23.06 2.21 0.00	22.21 2.11 0.00	22.15 2.14 0.00	23.20 2.22 0.00	27.41 2.69 0.00	36.64 4.19 0.00	35.98 3.94 0.00	29.24 2.44 0.00	23.17 1.68 0.00	21.03 1.28 0.00	20.39 1.08 0.00	20.63 1.24 0.00	20.31 1.22 0.00	20.22 1.23 0.00	19.96 1.17 0.00	20.90 1.26 0.00	24.41 1.64 0.00	28.42 2.18 0.00	34.47 3.13 0.00	33.70 3.09 0.00	31.17 2.62 0.00	24.41 2.06 0.00	21.96 1.63 0.00
N SALMON___HYD 24042	22.47 -0.16 0.00	20.83 -0.02 0.00	20.08 -0.02 0.00	20.01 0.00 0.00	21.06 0.08 0.00	24.87 0.15 0.00	31.67 -0.78 0.00	31.40 -0.64 0.00	27.04 0.24 0.00	21.60 0.11 0.00	19.75 0.00 0.00	19.29 -0.02 0.00	19.45 0.06 0.00	19.05 -0.04 0.00	18.95 -0.04 0.00	18.73 -0.06 0.00	19.60 -0.04 0.00	22.77 0.00 0.00	26.27 0.03 0.00	30.93 -0.41 0.00	30.02 -0.58 0.00	28.21 -0.34 0.00	21.91 -0.45 0.00	20.21 -0.12 0.00
N.AKRON___115KV_KNAPP 355671	23.10 0.48 0.00	21.12 0.27 0.00	20.04 -0.06 0.00	19.85 -0.16 0.00	21.02 0.04 0.00	24.69 -0.02 0.00	32.19 -0.26 0.00	32.59 0.54 0.00	26.91 0.11 0.00	21.66 0.17 0.00	19.93 0.18 0.00	19.42 0.12 0.00	19.66 0.27 0.00	19.30 0.21 0.00	18.97 -0.02 0.00	18.60 -0.19 0.00	19.46 -0.18 0.00	22.36 -0.41 0.00	25.59 -0.66 0.00	30.56 -0.78 0.00	29.99 -0.61 0.00	27.55 -1.00 0.00	21.80 -0.56 0.00	19.74 -0.59 0.00
N.BELMOR_69_KV_BK1 55787	25.47 1.76 -1.08	24.59 1.52 -2.21	26.08 1.47 -4.52	23.00 1.48 -1.52	23.99 1.53 -1.48	28.44 1.85 -1.87	35.12 2.60 -0.07	34.68 2.63 -0.01	28.76 1.96 0.00	23.06 1.57 0.00	21.15 1.40 0.00	20.77 1.45 -0.01	20.71 1.32 0.00	20.47 1.37 0.00	20.37 1.39 0.00	20.28 1.48 -0.01	21.29 1.63 -0.02	24.86 2.07 -0.02	28.58 2.31 -0.03	34.47 3.13 0.00	33.85 3.24 0.00	31.03 2.48 0.00	26.73 1.97 -2.40	22.23 1.85 -0.05
N.E_GEN_SANDY PD 24062	23.28 0.66 0.00	21.52 0.67 0.00	20.70 0.60 0.00	20.59 0.58 0.00	21.67 0.69 0.00	25.58 0.86 0.00	35.11 1.65 -1.00	35.10 1.63 -1.42	26.29 0.88 1.40	22.00 0.54 0.03	20.20 0.47 0.02	19.81 0.50 0.00	19.10 0.45 0.73	18.84 0.48 0.73	18.00 0.51 1.50	18.64 0.56 0.71	20.25 0.61 0.00	23.70 0.93 0.00	27.35 1.10 0.00	33.22 1.88 0.00	32.35 1.74 0.00	29.95 1.40 0.00	23.45 1.10 0.00	21.29 0.96 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.71 1.09 0.00	21.77 0.92 0.00	21.02 0.92 0.00	20.93 0.92 0.00	21.94 0.97 0.00	25.90 1.19 0.00	34.43 1.98 0.00	34.09 2.05 0.00	28.25 1.45 0.00	22.63 1.14 0.00	20.76 1.01 0.00	20.29 0.98 0.00	20.32 0.93 0.00	20.08 0.99 0.00	20.01 1.03 0.00	19.86 1.07 0.00	20.74 1.10 0.00	24.20 1.43 0.00	27.92 1.68 0.00	33.75 2.41 0.00	32.96 2.36 0.00	30.43 1.88 0.00	23.72 1.36 0.00	21.61 1.28 0.00
N.QUEENS_27_KV_LOAD 356247	24.10 1.47 -0.01	22.13 1.27 -0.01	21.39 1.29 -0.01	21.29 1.28 -0.01	22.29 1.30 -0.01	26.23 1.51 0.00	34.85 2.40 0.00	34.38 2.34 0.00	28.60 1.80 0.00	23.08 1.59 0.00	21.13 1.38 0.00	21.21 1.43 -0.47	20.71 1.32 0.00	20.54 1.43 -0.02	20.44 1.44 -0.02	20.47 1.47 -0.22	21.13 1.49 0.00	24.61 1.84 0.00	28.32 2.07 0.00	34.25 2.91 0.00	33.45 2.85 0.00	30.75 2.20 0.00	24.04 1.68 0.00	21.99 1.65 -0.01
N.TROY___115KV_TB1 355778	23.03 0.41 0.00	21.27 0.42 0.00	20.50 0.40 0.00	20.43 0.42 0.00	21.40 0.42 0.00	25.21 0.49 0.00	33.39 0.94 0.00	32.84 0.80 0.00	27.21 0.40 0.00	21.66 0.17 0.00	19.91 0.16 0.00	19.48 0.17 0.00	19.54 0.16 0.00	19.23 0.13 0.00	19.16 0.17 0.00	19.00 0.21 0.00	19.88 0.24 0.00	23.18 0.41 0.00	26.79 0.55 0.00	32.44 1.10 0.00	31.65 1.04 0.00	29.35 0.80 0.00	22.92 0.56 0.00	20.88 0.55 0.00
NARROWS_GT1_1 24228	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
NARROWS_GT1_2 24229	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
NARROWS_GT1_3 24230	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
NARROWS_GT1_4 24231	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
NARROWS_GT1_5 24232	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
NARROWS_GT1_6 24233	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01



NARROWS_GT1_7 24234	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
NARROWS_GT1_8 24235	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
NARROWS_GT2_1 24236	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
NARROWS_GT2_2 24237	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
NARROWS_GT2_3 24238	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
NARROWS_GT2_4 24239	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
NARROWS_GT2_5 24240	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
NARROWS_GT2_6 24241	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
NARROWS_GT2_7 24242	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
NARROWS_GT2_8 24243	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	23.05 0.43 0.00	21.31 0.46 0.00	20.58 0.48 0.00	20.49 0.48 0.00	21.42 0.44 0.00	25.19 0.47 0.00	33.33 0.88 0.00	32.52 0.48 0.00	26.94 0.13 0.00	21.38 -0.11 0.00	19.61 -0.14 0.00	19.14 -0.17 0.00	19.21 -0.17 0.00	18.88 -0.21 0.00	18.87 -0.11 0.00	18.75 -0.04 0.00	19.64 0.00 0.00	22.99 0.23 0.00	26.69 0.45 0.00	32.22 0.88 0.00	31.52 0.92 0.00	29.18 0.63 0.00	22.85 0.49 0.00	20.82 0.49 0.00
NCHELSEA_115KV_TR2 355582	23.98 1.36 0.00	22.00 1.15 0.00	21.25 1.15 0.00	21.17 1.16 0.00	22.17 1.20 0.00	26.15 1.43 0.00	34.82 2.37 0.00	34.32 2.28 0.00	28.47 1.66 0.00	22.67 1.18 0.00	20.76 1.01 0.00	20.22 0.91 0.00	20.28 0.89 0.00	20.05 0.95 0.00	19.99 1.01 0.00	19.88 1.09 0.00	20.76 1.12 0.00	24.29 1.53 0.00	28.11 1.86 0.00	33.94 2.60 0.00	33.18 2.57 0.00	30.60 2.06 0.00	23.88 1.52 0.00	21.76 1.42 0.00
NEG CAPITAL___MECHNVIL 23645	23.30 0.68 0.00	21.52 0.67 0.00	20.68 0.58 0.00	20.61 0.60 0.00	21.63 0.65 0.00	25.51 0.79 0.00	33.85 1.39 0.00	33.19 1.15 0.00	27.45 0.64 0.00	21.85 0.36 0.00	20.05 0.30 0.00	19.60 0.29 0.00	19.68 0.29 0.00	19.30 0.21 0.00	19.27 0.29 0.00	19.11 0.32 0.00	19.99 0.35 0.00	23.34 0.57 0.00	27.06 0.81 0.00	32.75 1.41 0.00	32.01 1.41 0.00	29.63 1.08 0.00	23.16 0.80 0.00	21.02 0.69 0.00
NEG CENTRAL_HIGH_ACRES 23767	22.42 -0.20 0.00	20.54 -0.31 0.00	19.92 -0.18 0.00	19.83 -0.18 0.00	20.52 -0.46 0.00	24.22 -0.49 0.00	32.03 -0.42 0.00	31.82 -0.22 0.00	26.35 -0.46 0.00	21.17 -0.32 0.00	19.45 -0.30 0.00	19.00 -0.31 0.00	19.18 -0.21 0.00	18.84 -0.25 0.00	18.55 -0.44 0.00	18.24 -0.55 0.00	19.09 -0.55 0.00	21.99 -0.77 0.00	25.32 -0.92 0.00	30.27 -1.07 0.00	29.69 -0.92 0.00	27.41 -1.14 0.00	21.53 -0.83 0.00	19.60 -0.73 0.00
NEG CENTRAL___DRP 24199	23.37 0.75 0.00	21.42 0.56 0.00	20.52 0.42 0.00	20.39 0.38 0.00	21.48 0.50 0.00	25.34 0.62 0.00	33.39 0.94 0.00	33.29 1.25 0.00	27.61 0.80 0.00	22.07 0.58 0.00	20.26 0.51 0.00	19.77 0.46 0.00	19.91 0.52 0.00	19.57 0.48 0.00	19.31 0.32 0.00	19.02 0.23 0.00	19.88 0.24 0.00	22.97 0.20 0.00	26.51 0.26 0.00	31.78 0.44 0.00	31.07 0.46 0.00	28.75 0.20 0.00	22.54 0.18 0.00	20.41 0.08 0.00



NEG CENTRAL___INDECK 23768	23.87 1.24 0.00	21.83 0.98 0.00	21.16 1.06 0.00	21.09 1.08 0.00	21.82 0.84 0.00	25.78 1.06 0.00	34.17 1.72 0.00	33.96 1.92 0.00	27.90 1.10 0.00	22.31 0.82 0.00	20.40 0.65 0.00	19.89 0.58 0.00	20.07 0.68 0.00	19.70 0.61 0.00	19.38 0.40 0.00	19.09 0.30 0.00	19.97 0.33 0.00	23.08 0.32 0.00	26.66 0.42 0.00	31.93 0.59 0.00	31.31 0.70 0.00	28.75 0.20 0.00	22.56 0.20 0.00	20.49 0.16 0.00
NEG CENTRAL___SENECA 23627	23.48 0.86 0.00	21.52 0.67 0.00	20.56 0.46 0.00	20.43 0.42 0.00	21.55 0.57 0.00	25.44 0.72 0.00	33.43 0.97 0.00	33.39 1.35 0.00	27.69 0.88 0.00	22.13 0.64 0.00	20.30 0.55 0.00	19.81 0.50 0.00	19.97 0.58 0.00	19.63 0.53 0.00	19.34 0.36 0.00	19.03 0.24 0.00	19.89 0.26 0.00	22.99 0.23 0.00	26.53 0.29 0.00	31.81 0.47 0.00	31.07 0.46 0.00	28.72 0.17 0.00	22.54 0.18 0.00	20.41 0.08 0.00
NEG CENTRAL___STATE_STREET 24147	23.28 0.66 0.00	21.35 0.50 0.00	20.48 0.38 0.00	20.39 0.38 0.00	21.44 0.46 0.00	25.29 0.57 0.00	33.39 0.94 0.00	33.23 1.19 0.00	27.58 0.78 0.00	22.05 0.56 0.00	20.26 0.51 0.00	19.79 0.48 0.00	19.91 0.52 0.00	19.57 0.48 0.00	19.34 0.36 0.00	19.09 0.30 0.00	19.95 0.31 0.00	23.04 0.27 0.00	26.61 0.37 0.00	31.87 0.53 0.00	31.16 0.55 0.00	28.86 0.31 0.00	22.63 0.27 0.00	20.49 0.16 0.00
NEG MILLWOOD___DRP 24198	24.00 1.38 0.00	22.02 1.17 0.00	21.31 1.21 0.00	21.21 1.20 0.00	22.22 1.24 0.00	26.20 1.48 0.00	34.95 2.50 0.00	34.45 2.40 0.00	28.55 1.74 0.00	22.78 1.29 0.00	20.84 1.09 0.00	20.37 1.06 0.00	20.44 1.05 0.00	20.20 1.11 0.00	20.12 1.14 0.00	19.97 1.18 0.00	20.84 1.20 0.00	24.36 1.59 0.00	28.16 1.92 0.00	34.00 2.66 0.00	33.24 2.63 0.00	30.69 2.14 0.00	23.97 1.61 0.00	21.84 1.50 0.00
NEG NORTH_FLCN_SEA 23793	22.37 -0.25 0.00	20.77 -0.08 0.00	20.08 -0.02 0.00	20.01 0.00 0.00	21.08 0.10 0.00	24.94 0.22 0.00	32.52 0.06 0.00	32.23 0.19 0.00	27.15 0.35 0.00	21.64 0.15 0.00	19.79 0.04 0.00	19.35 0.04 0.00	19.49 0.10 0.00	19.09 0.00 0.00	18.98 0.00 0.00	18.75 -0.04 0.00	19.64 0.00 0.00	22.79 0.02 0.00	26.27 0.03 0.00	30.87 -0.47 0.00	29.81 -0.80 0.00	27.89 -0.66 0.00	22.74 0.38 0.00	20.58 0.24 0.00
NEG NORTH_KES_CHATEGAY 23792	22.49 -0.14 0.00	20.83 -0.02 0.00	20.12 0.02 0.00	20.05 0.04 0.00	21.08 0.10 0.00	24.92 0.20 0.00	32.42 -0.03 0.00	32.04 0.00 0.00	27.05 0.24 0.00	21.60 0.11 0.00	19.79 0.04 0.00	19.33 0.02 0.00	19.47 0.08 0.00	19.09 0.00 0.00	18.98 0.00 0.00	18.77 -0.02 0.00	19.64 0.00 0.00	22.79 0.02 0.00	26.30 0.05 0.00	30.93 -0.41 0.00	29.93 -0.67 0.00	28.12 -0.43 0.00	22.36 0.00 0.00	20.27 -0.06 0.00
NEG NORTH___ALICE_FALLS 23915	22.53 -0.09 0.00	20.92 0.06 0.00	20.20 0.10 0.00	20.15 0.14 0.00	21.21 0.23 0.00	25.11 0.40 0.00	32.75 0.29 0.00	32.49 0.45 0.00	27.34 0.54 0.00	21.79 0.30 0.00	19.91 0.16 0.00	19.46 0.15 0.00	19.62 0.23 0.00	19.21 0.11 0.00	19.10 0.11 0.00	18.88 0.09 0.00	19.78 0.14 0.00	22.95 0.18 0.00	26.48 0.24 0.00	31.12 -0.22 0.00	30.12 -0.49 0.00	28.15 -0.40 0.00	22.72 0.36 0.00	20.58 0.24 0.00
NEG NORTH___LWR_SARANAC 23913	22.53 -0.09 0.00	20.92 0.06 0.00	20.20 0.10 0.00	20.15 0.14 0.00	21.21 0.23 0.00	25.11 0.40 0.00	32.75 0.29 0.00	32.49 0.45 0.00	27.34 0.54 0.00	21.79 0.30 0.00	19.91 0.16 0.00	19.46 0.15 0.00	19.62 0.23 0.00	19.21 0.11 0.00	19.10 0.11 0.00	18.88 0.09 0.00	19.78 0.14 0.00	22.95 0.18 0.00	26.48 0.24 0.00	31.12 -0.22 0.00	30.12 -0.49 0.00	28.15 -0.40 0.00	22.72 0.36 0.00	20.58 0.24 0.00
NEG NORTH___PLATTSBURG 23628	22.53 -0.09 0.00	20.92 0.06 0.00	20.20 0.10 0.00	20.13 0.12 0.00	21.21 0.23 0.00	25.06 0.35 0.00	31.09 -1.36 0.00	30.86 -1.18 0.00	27.34 0.54 0.00	21.79 0.30 0.00	19.91 0.16 0.00	19.46 0.15 0.00	19.62 0.23 0.00	19.21 0.12 0.00	19.10 0.11 0.00	18.88 0.09 0.00	19.78 0.14 0.00	22.95 0.18 0.00	26.48 0.24 0.00	31.12 -0.22 0.00	30.12 -0.49 0.00	28.15 -0.40 0.00	21.80 -0.56 0.00	20.58 0.24 0.00
NEG WEST_LEA_LOCKPORT 23791	22.87 0.25 0.00	20.92 0.06 0.00	19.82 -0.28 0.00	19.63 -0.38 0.00	20.79 -0.19 0.00	24.42 -0.30 0.00	31.74 -0.71 0.00	32.04 0.00 0.00	26.48 -0.32 0.00	21.36 -0.13 0.00	19.69 -0.06 0.00	19.21 -0.10 0.00	19.43 0.04 0.00	19.09 0.00 0.00	18.78 -0.21 0.00	18.41 -0.38 0.00	19.25 -0.39 0.00	22.08 -0.68 0.00	25.22 -1.02 0.00	30.09 -1.25 0.00	29.47 -1.13 0.00	27.15 -1.40 0.00	21.51 -0.85 0.00	19.52 -0.81 0.00
NEG WEST___LANCASTR 23811	23.44 0.81 0.00	21.46 0.60 0.00	20.38 0.28 0.00	20.21 0.20 0.00	21.40 0.42 0.00	25.21 0.49 0.00	32.88 0.42 0.00	33.23 1.19 0.00	27.42 0.62 0.00	22.07 0.58 0.00	20.30 0.55 0.00	19.79 0.48 0.00	20.03 0.64 0.00	19.70 0.61 0.00	19.38 0.40 0.00	19.02 0.23 0.00	19.93 0.29 0.00	22.90 0.14 0.00	26.19 -0.05 0.00	31.31 -0.03 0.00	30.61 0.00 0.00	28.26 -0.29 0.00	22.27 -0.09 0.00	20.21 -0.12 0.00
NEG_PENN_ALLEGHNY 23528	23.14 0.52 0.00	21.27 0.42 0.00	20.54 0.44 0.00	20.45 0.44 0.00	21.38 0.40 0.00	25.26 0.54 0.00	33.43 0.97 0.00	33.07 1.03 0.00	27.37 0.56 0.00	21.92 0.43 0.00	20.12 0.37 0.00	19.66 0.35 0.00	19.76 0.37 0.00	19.45 0.36 0.00	19.29 0.30 0.00	19.05 0.26 0.00	19.91 0.27 0.00	23.06 0.30 0.00	26.61 0.37 0.00	31.90 0.56 0.00	31.16 0.55 0.00	28.89 0.34 0.00	22.67 0.31 0.00	20.62 0.28 0.00
NEG___GEN_MONROE 24207	23.03 0.41 0.00	21.10 0.25 0.00	20.08 -0.02 0.00	19.91 -0.10 0.00	21.04 0.06 0.00	24.77 0.05 0.00	32.39 -0.06 0.00	32.62 0.58 0.00	27.02 0.21 0.00	21.70 0.21 0.00	19.93 0.18 0.00	19.42 0.12 0.00	19.60 0.21 0.00	19.21 0.11 0.00	18.89 -0.09 0.00	18.55 -0.24 0.00	19.40 -0.24 0.00	22.33 -0.43 0.00	25.64 -0.60 0.00	30.65 -0.69 0.00	30.06 -0.55 0.00	27.72 -0.83 0.00	21.80 -0.56 0.00	19.76 -0.57 0.00
NEPA___ENERGY 23901	23.44 0.81 0.00	21.46 0.60 0.00	20.38 0.28 0.00	20.21 0.20 0.00	21.40 0.42 0.00	25.21 0.49 0.00	32.88 0.42 0.00	33.23 1.19 0.00	27.45 0.64 0.00	22.11 0.62 0.00	20.36 0.61 0.00	19.83 0.52 0.00	20.07 0.68 0.00	19.72 0.63 0.00	19.42 0.44 0.00	19.05 0.26 0.00	19.97 0.33 0.00	22.97 0.20 0.00	26.27 0.03 0.00	31.40 0.06 0.00	30.64 0.03 0.00	28.26 -0.29 0.00	22.25 -0.11 0.00	20.19 -0.14 0.00
NEVERSINK___HYD 23608	23.89 1.27 0.00	21.92 1.06 0.00	21.10 1.00 0.00	21.01 1.00 0.00	22.11 1.13 0.00	26.05 1.33 0.00	34.72 2.27 0.00	34.16 2.11 0.00	28.25 1.45 0.00	22.43 0.94 0.00	20.48 0.73 0.00	19.89 0.58 0.00	19.95 0.56 0.00	19.70 0.61 0.00	19.63 0.65 0.00	19.50 0.71 0.00	20.39 0.75 0.00	23.86 1.09 0.00	27.66 1.42 0.00	33.38 2.04 0.00	32.66 2.05 0.00	30.17 1.63 0.00	23.59 1.23 0.00	21.41 1.08 0.00



NEWKRMKL_115KV_TB1 55635	22.56 -0.07 0.00	20.87 0.02 0.00	20.18 0.08 0.00	20.09 0.08 0.00	20.98 0.00 0.00	24.64 -0.07 0.00	32.58 0.13 0.00	32.01 -0.03 0.00	26.59 -0.21 0.00	21.36 -0.13 0.00	19.65 -0.10 0.00	19.25 -0.06 0.00	19.31 -0.08 0.00	18.98 -0.11 0.00	18.93 -0.06 0.00	18.75 -0.04 0.00	19.66 0.02 0.00	22.90 0.14 0.00	26.40 0.16 0.00	31.84 0.50 0.00	31.10 0.49 0.00	28.83 0.29 0.00	22.58 0.22 0.00	20.58 0.24 0.00
NEWTON___FALLS_HYD 23847	22.08 -0.54 0.00	20.40 -0.46 0.00	19.66 -0.44 0.00	19.59 -0.42 0.00	20.56 -0.42 0.00	24.27 -0.44 0.00	31.87 -0.58 0.00	31.40 -0.64 0.00	26.19 -0.62 0.00	20.93 -0.56 0.00	19.16 -0.59 0.00	18.67 -0.64 0.00	18.81 -0.58 0.00	18.46 -0.63 0.00	18.38 -0.61 0.00	18.17 -0.62 0.00	18.95 -0.69 0.00	22.01 -0.75 0.00	25.48 -0.76 0.00	30.40 -0.94 0.00	29.75 -0.86 0.00	27.83 -0.71 0.00	21.80 -0.56 0.00	19.72 -0.61 0.00
NGRID_A1_DSASP 323792	22.40 -0.23 0.00	20.48 -0.37 0.00	19.94 -0.16 0.00	19.87 -0.14 0.00	20.37 -0.61 0.00	24.00 -0.72 0.00	31.54 -0.91 0.00	31.21 -0.83 0.00	25.79 -1.02 0.00	20.87 -0.62 0.00	19.26 -0.49 0.00	18.81 -0.50 0.00	19.02 -0.37 0.00	18.69 -0.40 0.00	18.38 -0.61 0.00	18.02 -0.77 0.00	18.85 -0.79 0.00	21.61 -1.16 0.00	24.67 -1.57 0.00	29.40 -1.94 0.00	28.77 -1.84 0.00	26.55 -2.00 0.00	21.06 -1.30 0.00	19.34 -1.00 0.00
NGRID_A2_DSASP 323793	22.40 -0.23 0.00	20.48 -0.37 0.00	19.94 -0.16 0.00	19.87 -0.14 0.00	20.37 -0.61 0.00	24.00 -0.72 0.00	31.54 -0.91 0.00	31.21 -0.83 0.00	25.79 -1.02 0.00	20.87 -0.62 0.00	19.26 -0.49 0.00	18.81 -0.50 0.00	19.02 -0.37 0.00	18.69 -0.40 0.00	18.38 -0.61 0.00	18.02 -0.77 0.00	18.85 -0.79 0.00	21.61 -1.16 0.00	24.67 -1.57 0.00	29.40 -1.94 0.00	28.77 -1.84 0.00	26.55 -2.00 0.00	21.06 -1.30 0.00	19.34 -1.00 0.00
NGRID_A4_DSASP 323807	22.40 -0.23 0.00	20.48 -0.37 0.00	19.94 -0.16 0.00	19.87 -0.14 0.00	20.37 -0.61 0.00	24.00 -0.72 0.00	31.54 -0.91 0.00	31.21 -0.83 0.00	25.79 -1.02 0.00	20.87 -0.62 0.00	19.26 -0.49 0.00	18.81 -0.50 0.00	19.02 -0.37 0.00	18.69 -0.40 0.00	18.38 -0.61 0.00	18.02 -0.77 0.00	18.85 -0.79 0.00	21.61 -1.16 0.00	24.67 -1.57 0.00	29.40 -1.94 0.00	28.77 -1.84 0.00	26.55 -2.00 0.00	21.06 -1.30 0.00	19.34 -1.00 0.00
NIAGARA_115E_LBMP 323715	22.47 -0.16 0.00	20.56 -0.29 0.00	20.00 -0.10 0.00	19.95 -0.06 0.00	20.46 -0.52 0.00	24.10 -0.62 0.00	31.67 -0.78 0.00	31.37 -0.67 0.00	25.92 -0.88 0.00	20.97 -0.52 0.00	19.33 -0.42 0.00	18.87 -0.44 0.00	19.10 -0.29 0.00	18.77 -0.32 0.00	18.45 -0.53 0.00	18.10 -0.69 0.00	18.91 -0.73 0.00	21.70 -1.07 0.00	24.77 -1.47 0.00	29.52 -1.82 0.00	28.92 -1.68 0.00	26.66 -1.89 0.00	21.15 -1.21 0.00	19.40 -0.93 0.00
NIAGARA_115W_LBMP 323714	22.33 -0.29 0.00	20.44 -0.42 0.00	19.88 -0.22 0.00	19.83 -0.18 0.00	20.33 -0.65 0.00	23.93 -0.79 0.00	31.45 -1.01 0.00	31.11 -0.93 0.00	25.70 -1.10 0.00	20.82 -0.67 0.00	19.20 -0.55 0.00	18.75 -0.56 0.00	18.96 -0.43 0.00	18.65 -0.44 0.00	18.34 -0.65 0.00	17.98 -0.81 0.00	18.80 -0.84 0.00	21.56 -1.21 0.00	24.62 -1.63 0.00	29.30 -2.04 0.00	28.71 -1.90 0.00	26.49 -2.06 0.00	21.02 -1.34 0.00	19.30 -1.04 0.00
NIAGARA_230_LBMP 323716	22.65 0.02 0.00	20.71 -0.14 0.00	20.16 0.06 0.00	20.09 0.08 0.00	20.62 -0.36 0.00	24.27 -0.44 0.00	31.90 -0.55 0.00	31.59 -0.45 0.00	26.14 -0.67 0.00	21.14 -0.34 0.00	19.49 -0.26 0.00	19.04 -0.27 0.00	19.25 -0.13 0.00	18.92 -0.17 0.00	18.60 -0.38 0.00	18.26 -0.53 0.00	19.09 -0.55 0.00	21.90 -0.87 0.00	25.04 -1.21 0.00	29.80 -1.53 0.00	29.20 -1.41 0.00	26.95 -1.60 0.00	21.35 -1.01 0.00	19.60 -0.73 0.00
NIAGARA___115KV_198_GIBSON 55903	22.33 -0.29 0.00	20.44 -0.42 0.00	19.36 -0.74 0.00	19.17 -0.84 0.00	20.29 -0.69 0.00	23.80 -0.91 0.00	30.86 -1.59 0.00	31.11 -0.93 0.00	25.76 -1.05 0.00	20.82 -0.67 0.00	19.20 -0.55 0.00	18.75 -0.56 0.00	18.96 -0.43 0.00	18.65 -0.44 0.00	18.34 -0.65 0.00	17.98 -0.81 0.00	18.80 -0.84 0.00	21.56 -1.21 0.00	24.59 -1.65 0.00	29.30 -2.04 0.00	28.68 -1.93 0.00	26.46 -2.08 0.00	21.02 -1.34 0.00	19.11 -1.22 0.00
NIAGARA____ 23760	22.65 0.02 0.00	20.71 -0.14 0.00	20.16 0.06 0.00	20.09 0.08 0.00	20.62 -0.36 0.00	24.27 -0.44 0.00	31.90 -0.55 0.00	31.59 -0.45 0.00	26.14 -0.67 0.00	21.14 -0.34 0.00	19.49 -0.26 0.00	19.04 -0.27 0.00	19.25 -0.13 0.00	18.92 -0.17 0.00	18.60 -0.38 0.00	18.26 -0.53 0.00	19.09 -0.55 0.00	21.90 -0.87 0.00	25.04 -1.21 0.00	29.80 -1.53 0.00	29.20 -1.41 0.00	26.95 -1.60 0.00	21.35 -1.01 0.00	19.60 -0.73 0.00
NINE_MILE_1 23575	21.99 -0.63 0.00	20.27 -0.58 0.00	19.56 -0.54 0.00	19.47 -0.54 0.00	20.37 -0.61 0.00	24.00 -0.72 0.00	31.64 -0.81 0.00	31.24 -0.80 0.00	26.05 -0.75 0.00	20.93 -0.56 0.00	19.28 -0.47 0.00	18.85 -0.46 0.00	18.94 -0.45 0.00	18.63 -0.46 0.00	18.51 -0.47 0.00	18.30 -0.49 0.00	19.11 -0.53 0.00	22.06 -0.71 0.00	25.40 -0.84 0.00	30.40 -0.94 0.00	29.72 -0.89 0.00	27.61 -0.94 0.00	21.64 -0.72 0.00	19.68 -0.65 0.00
NINE_MILE_2 23744	21.99 -0.63 0.00	20.27 -0.58 0.00	19.56 -0.54 0.00	19.47 -0.54 0.00	20.37 -0.61 0.00	24.00 -0.72 0.00	31.64 -0.81 0.00	31.24 -0.80 0.00	26.05 -0.75 0.00	20.93 -0.56 0.00	19.28 -0.47 0.00	18.85 -0.46 0.00	18.94 -0.45 0.00	18.63 -0.46 0.00	18.51 -0.47 0.00	18.30 -0.49 0.00	19.13 -0.51 0.00	22.06 -0.71 0.00	25.40 -0.84 0.00	30.40 -0.94 0.00	29.72 -0.89 0.00	27.63 -0.91 0.00	21.64 -0.72 0.00	19.68 -0.65 0.00
NM_CAPITAL___DRP 24208	22.60 -0.02 0.00	20.92 0.06 0.00	20.20 0.10 0.00	20.13 0.12 0.00	21.02 0.04 0.00	24.72 0.00 0.00	32.65 0.19 0.00	32.11 0.06 0.00	26.67 -0.13 0.00	21.38 -0.11 0.00	19.69 -0.06 0.00	19.29 -0.02 0.00	19.33 -0.06 0.00	19.02 -0.08 0.00	18.97 -0.02 0.00	18.79 0.00 0.00	19.66 0.02 0.00	22.88 0.11 0.00	26.37 0.13 0.00	31.81 0.47 0.00	31.07 0.46 0.00	28.81 0.26 0.00	22.56 0.20 0.00	20.58 0.24 0.00
NM_CENTRAL___DRP 24181	22.58 -0.05 0.00	20.77 -0.08 0.00	20.00 -0.10 0.00	19.91 -0.10 0.00	20.87 -0.10 0.00	24.59 -0.12 0.00	32.45 0.00 0.00	32.14 0.10 0.00	26.75 -0.05 0.00	21.47 -0.02 0.00	19.75 0.00 0.00	19.29 -0.02 0.00	19.39 0.00 0.00	19.09 0.00 0.00	18.93 -0.06 0.00	18.72 -0.08 0.00	19.56 -0.08 0.00	22.58 -0.18 0.00	26.06 -0.18 0.00	31.21 -0.13 0.00	30.51 -0.09 0.00	28.32 -0.23 0.00	22.20 -0.16 0.00	20.17 -0.16 0.00
NM_FRONTIER___DRP 24179	22.33 -0.29 0.00	20.44 -0.42 0.00	19.36 -0.74 0.00	19.17 -0.84 0.00	20.29 -0.69 0.00	23.80 -0.91 0.00	30.86 -1.59 0.00	31.11 -0.93 0.00	25.76 -1.05 0.00	20.82 -0.67 0.00	19.20 -0.55 0.00	18.75 -0.56 0.00	18.96 -0.43 0.00	18.65 -0.44 0.00	18.34 -0.65 0.00	17.98 -0.81 0.00	18.80 -0.84 0.00	21.56 -1.21 0.00	24.59 -1.65 0.00	29.30 -2.04 0.00	28.68 -1.93 0.00	26.46 -2.08 0.00	21.02 -1.34 0.00	19.11 -1.22 0.00



NM_ST_REGIS___HYD 24053	21.90 -0.72 0.00	20.29 -0.56 0.00	19.58 -0.52 0.00	19.51 -0.50 0.00	20.48 -0.50 0.00	24.17 -0.54 0.00	31.48 -0.97 0.00	31.08 -0.96 0.00	26.19 -0.62 0.00	20.93 -0.56 0.00	19.16 -0.59 0.00	18.71 -0.60 0.00	18.85 -0.54 0.00	18.48 -0.61 0.00	18.40 -0.59 0.00	18.19 -0.60 0.00	19.01 -0.63 0.00	22.08 -0.68 0.00	25.51 -0.73 0.00	30.09 -1.25 0.00	29.35 -1.25 0.00	27.58 -0.97 0.00	21.71 -0.65 0.00	19.68 -0.65 0.00
NORTHPORT___1 23551	25.34 1.63 -1.09	24.47 1.40 -2.22	25.89 1.27 -4.52	22.81 1.28 -1.52	23.91 1.45 -1.49	28.25 1.66 -1.88	34.51 1.98 -0.08	33.57 2.02 0.50	28.52 1.72 0.00	22.95 1.46 0.00	21.01 1.27 0.00	20.62 1.29 -0.01	20.53 1.14 0.00	20.28 1.18 0.00	20.18 1.20 0.00	20.17 1.37 -0.01	21.12 1.45 -0.03	24.66 1.87 -0.03	27.98 1.70 -0.03	33.09 2.32 0.57	32.46 2.48 0.62	29.75 1.74 0.54	26.65 1.88 -2.41	22.02 1.63 -0.06
NORTHPORT___2 23552	25.34 1.63 -1.09	24.47 1.40 -2.22	25.89 1.27 -4.52	22.81 1.28 -1.52	23.91 1.45 -1.49	28.25 1.66 -1.88	34.51 1.98 -0.08	33.57 2.02 0.50	28.52 1.72 0.00	22.95 1.46 0.00	21.01 1.27 0.00	20.62 1.29 -0.01	20.53 1.14 0.00	20.28 1.18 0.00	20.18 1.20 0.00	20.17 1.37 -0.01	21.12 1.45 -0.03	24.66 1.87 -0.03	27.98 1.70 -0.03	33.09 2.32 0.57	32.46 2.48 0.62	29.75 1.74 0.54	26.65 1.88 -2.41	22.02 1.63 -0.06
NORTHPORT___3 23553	25.57 1.86 -1.09	24.68 1.61 -2.22	26.11 1.49 -4.52	23.01 1.48 -1.52	24.08 1.62 -1.49	28.71 2.10 -1.90	35.63 2.98 -0.19	34.74 3.08 0.38	28.90 2.09 0.00	23.17 1.68 0.00	21.23 1.48 0.00	20.85 1.53 -0.01	20.80 1.41 0.00	20.54 1.45 0.00	20.43 1.44 0.00	20.37 1.58 -0.01	21.52 1.83 -0.05	25.13 2.30 -0.06	28.82 2.49 -0.08	34.08 3.20 0.46	33.50 3.40 0.50	30.71 2.60 0.44	27.09 2.26 -2.47	22.47 1.99 -0.14
NORTHPORT___4 23650	25.57 1.86 -1.09	24.68 1.61 -2.22	26.11 1.49 -4.52	23.01 1.48 -1.52	24.08 1.62 -1.49	28.71 2.10 -1.90	35.63 2.98 -0.19	34.74 3.08 0.38	28.90 2.09 0.00	23.17 1.68 0.00	21.23 1.48 0.00	20.85 1.53 -0.01	20.80 1.41 0.00	20.54 1.45 0.00	20.43 1.44 0.00	20.37 1.58 -0.01	21.52 1.83 -0.05	25.13 2.30 -0.06	28.82 2.49 -0.08	34.08 3.20 0.46	33.50 3.40 0.50	30.71 2.60 0.44	27.09 2.26 -2.47	22.47 1.99 -0.14
NORTHPORT___IC 23718	25.33 1.63 -1.08	24.46 1.40 -2.21	25.94 1.33 -4.52	22.88 1.36 -1.52	23.88 1.43 -1.48	28.22 1.63 -1.87	34.41 1.88 -0.08	33.40 1.86 0.50	28.44 1.64 0.00	22.95 1.46 0.00	21.01 1.26 0.00	20.62 1.29 -0.01	20.53 1.14 0.00	20.28 1.18 0.00	20.20 1.21 0.00	20.17 1.37 -0.01	21.11 1.45 -0.02	24.66 1.87 -0.02	28.04 1.76 -0.03	33.15 2.38 0.57	32.52 2.54 0.63	29.80 1.80 0.54	26.53 1.77 -2.40	22.09 1.71 -0.05
NORTH___COUNTRY_ESR 323785	22.42 -0.20 0.00	20.77 -0.08 0.00	20.04 -0.06 0.00	19.95 -0.06 0.00	21.00 0.02 0.00	24.77 0.05 0.00	31.35 -1.10 0.00	31.08 -0.96 0.00	26.97 0.16 0.00	21.53 0.04 0.00	19.73 -0.02 0.00	19.29 -0.02 0.00	19.41 0.02 0.00	19.05 -0.04 0.00	18.95 -0.04 0.00	18.73 -0.06 0.00	19.60 -0.04 0.00	22.74 -0.02 0.00	26.19 -0.05 0.00	30.81 -0.53 0.00	29.81 -0.80 0.00	28.04 -0.51 0.00	21.78 -0.58 0.00	20.19 -0.14 0.00
NPX_GEN_1385_PROXY 323591	25.30 1.58 -1.09	24.47 1.40 -2.22	25.81 1.19 -4.52	22.73 1.20 -1.52	23.83 1.36 -1.49	28.13 1.53 -1.88	34.70 2.17 -0.08	33.95 2.40 0.50	28.39 1.58 0.00	22.87 1.38 0.00	20.86 1.11 0.00	20.40 1.08 -0.01	20.32 0.93 0.00	20.07 0.97 0.00	19.95 0.97 0.00	20.00 1.20 -0.01	20.98 1.32 -0.03	24.48 1.68 -0.03	27.98 1.70 -0.03	33.15 2.38 0.57	32.68 2.69 0.62	29.75 1.74 0.54	26.65 1.88 -2.41	22.00 1.61 -0.06
NPX_GEN_CSC 323557	25.59 1.88 -1.09	24.66 1.58 -2.22	26.07 1.45 -4.52	23.05 1.52 -1.52	24.23 1.76 -1.49	31.00 2.10 -4.18	45.00 2.86 -9.69	45.00 2.92 -10.04	28.82 2.01 0.00	23.19 1.70 0.00	21.17 1.42 0.00	20.79 1.47 -0.01	20.65 1.26 0.00	20.39 1.30 0.00	20.28 1.29 0.00	20.37 1.58 -0.01	23.86 1.75 -2.47	28.09 2.28 -3.05	32.94 2.28 -4.41	43.86 3.07 -9.45	44.23 3.21 -10.41	40.00 2.46 -9.00	32.32 2.26 -7.70	29.28 1.99 -6.95
NSINS_S_GLNS_FALLS 23858	23.28 0.66 0.00	21.50 0.65 0.00	20.68 0.58 0.00	20.61 0.60 0.00	21.57 0.59 0.00	25.44 0.72 0.00	33.78 1.33 0.00	33.00 0.96 0.00	27.34 0.54 0.00	21.73 0.24 0.00	19.91 0.16 0.00	19.42 0.12 0.00	19.54 0.16 0.00	19.11 0.02 0.00	19.10 0.11 0.00	18.94 0.15 0.00	19.82 0.18 0.00	23.18 0.41 0.00	26.93 0.68 0.00	32.69 1.35 0.00	31.98 1.38 0.00	29.58 1.03 0.00	23.03 0.67 0.00	20.90 0.57 0.00
NUCOR_STEEL___DRP 24197	23.37 0.75 0.00	21.44 0.58 0.00	20.56 0.46 0.00	20.47 0.46 0.00	21.52 0.55 0.00	25.36 0.64 0.00	33.46 1.01 0.00	33.29 1.25 0.00	27.61 0.80 0.00	22.07 0.58 0.00	20.28 0.53 0.00	19.81 0.50 0.00	19.93 0.54 0.00	19.59 0.50 0.00	19.36 0.38 0.00	19.09 0.30 0.00	19.97 0.33 0.00	23.06 0.30 0.00	26.64 0.39 0.00	31.90 0.56 0.00	31.22 0.61 0.00	28.92 0.37 0.00	22.69 0.34 0.00	20.56 0.22 0.00
NUMBER_THREE_WT_PWR 323818	22.80 0.18 0.00	21.04 0.19 0.00	20.28 0.18 0.00	20.19 0.18 0.00	21.19 0.21 0.00	25.02 0.30 0.00	33.10 0.65 0.00	32.55 0.51 0.00	26.94 0.13 0.00	21.51 0.02 0.00	19.67 -0.08 0.00	19.15 -0.16 0.00	19.29 -0.10 0.00	18.96 -0.13 0.00	18.87 -0.11 0.00	18.66 -0.13 0.00	19.44 -0.20 0.00	22.61 -0.16 0.00	26.19 -0.05 0.00	31.50 0.16 0.00	30.85 0.24 0.00	28.75 0.20 0.00	22.45 0.09 0.00	20.31 -0.02 0.00
NYISO_LBMP_REFERENCE 24008	22.62 0.00 0.00	20.85 0.00 0.00	20.10 0.00 0.00	20.01 0.00 0.00	20.98 0.00 0.00	24.72 0.00 0.00	32.45 0.00 0.00	32.04 0.00 0.00	26.80 0.00 0.00	21.49 0.00 0.00	19.75 0.00 0.00	19.31 0.00 0.00	19.39 0.00 0.00	19.09 0.00 0.00	18.98 0.00 0.00	18.79 0.00 0.00	19.64 0.00 0.00	22.77 0.00 0.00	26.24 0.00 0.00	31.34 0.00 0.00	30.61 0.00 0.00	28.55 0.00 0.00	22.36 0.00 0.00	20.33 0.00 0.00
NYPA_BRENTWD____GT 24164	25.68 1.97 -1.09	24.76 1.69 -2.22	26.17 1.55 -4.52	23.09 1.56 -1.52	24.21 1.74 -1.49	28.92 2.08 -2.12	36.26 2.69 -1.11	35.84 2.76 -1.04	28.92 2.12 0.00	23.23 1.74 0.00	21.25 1.50 0.00	20.87 1.55 -0.01	20.79 1.40 0.00	20.53 1.43 0.00	20.41 1.42 0.00	20.39 1.60 -0.01	21.68 1.75 -0.29	25.35 2.23 -0.36	29.01 2.26 -0.51	35.34 3.04 -0.96	34.86 3.18 -1.07	31.86 2.40 -0.92	27.56 2.21 -2.98	23.09 1.95 -0.80
NYPA_GOWANUS____GT5 24156	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01



NYPA_GOWANUS____GT6 24157	24.31 1.67 -0.01	22.26 1.40 -0.01	21.40 1.29 -0.01	21.28 1.26 -0.01	22.37 1.38 -0.01	26.37 1.66 0.00	35.21 2.76 0.00	34.80 2.76 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.24 1.39 -0.54	20.79 1.40 0.00	20.59 1.47 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.50 3.16 0.00	33.73 3.12 0.00	31.03 2.48 0.00	24.28 1.92 0.00	22.07 1.73 -0.01
NYPA_HARLEM_RVR_GT1 24160	24.10 1.47 -0.01	22.13 1.27 -0.01	21.29 1.19 -0.01	21.17 1.16 -0.01	22.27 1.28 -0.01	26.23 1.51 0.00	34.89 2.44 0.00	34.47 2.43 0.01	28.54 1.74 0.01	23.01 1.53 0.01	21.09 1.34 0.01	21.56 1.35 -0.90	20.64 1.26 0.01	20.50 1.38 -0.03	20.38 1.37 -0.03	20.59 1.39 -0.41	21.06 1.43 0.01	24.56 1.80 0.01	28.26 2.02 0.01	34.15 2.82 0.01	33.38 2.78 0.01	30.68 2.14 0.01	24.10 1.75 0.00	21.95 1.61 -0.01
NYPA_HARLEM_RVR_GT2 24161	24.10 1.47 -0.01	22.13 1.27 -0.01	21.29 1.19 -0.01	21.17 1.16 -0.01	22.27 1.28 -0.01	26.23 1.51 0.00	34.89 2.44 0.00	34.47 2.43 0.01	28.54 1.74 0.01	23.01 1.53 0.01	21.09 1.34 0.01	21.56 1.35 -0.90	20.64 1.26 0.01	20.50 1.38 -0.03	20.38 1.37 -0.03	20.59 1.39 -0.41	21.06 1.43 0.01	24.56 1.80 0.01	28.26 2.02 0.01	34.15 2.82 0.01	33.38 2.78 0.01	30.68 2.14 0.01	24.10 1.75 0.00	21.95 1.61 -0.01
NYPA_KENT____GT 24152	24.24 1.61 -0.01	22.20 1.34 -0.01	21.33 1.23 -0.01	21.21 1.20 -0.01	22.33 1.34 -0.01	26.32 1.61 0.00	35.15 2.69 0.00	34.73 2.69 0.00	28.74 1.93 0.00	23.10 1.61 0.00	21.17 1.42 0.00	21.24 1.39 -0.54	20.77 1.38 0.00	20.56 1.43 -0.03	20.44 1.42 -0.03	20.47 1.43 -0.25	21.19 1.55 0.00	24.70 1.93 0.00	28.47 2.23 0.00	34.41 3.07 0.00	33.64 3.03 0.00	30.95 2.40 0.00	24.21 1.85 0.00	22.01 1.67 -0.01
NYPA_POUCH1____GT 24155	24.40 1.77 -0.01	22.36 1.50 -0.01	21.49 1.39 -0.01	21.38 1.36 -0.01	22.48 1.49 -0.01	26.47 1.76 0.00	35.28 2.82 0.00	34.83 2.79 0.00	28.71 1.90 0.00	23.08 1.59 0.00	21.15 1.40 0.00	21.17 1.31 -0.54	20.75 1.36 0.00	20.56 1.43 -0.03	20.46 1.44 -0.03	20.40 1.35 -0.25	21.21 1.57 0.00	24.77 2.00 0.00	28.53 2.28 0.00	34.54 3.20 0.00	33.73 3.12 0.00	31.09 2.54 0.00	24.35 1.99 0.00	22.13 1.79 -0.01
NYPA_VERNON____GT2 24162	24.17 1.54 -0.01	22.16 1.29 -0.01	21.27 1.17 -0.01	21.17 1.16 -0.01	22.27 1.28 -0.01	26.25 1.53 0.00	35.05 2.60 0.00	34.70 2.66 0.00	28.68 1.88 0.00	23.06 1.57 0.00	21.15 1.40 0.00	21.22 1.37 -0.54	20.73 1.34 0.00	20.52 1.39 -0.03	20.42 1.40 -0.03	20.46 1.41 -0.25	21.15 1.51 0.00	24.65 1.89 0.00	28.40 2.15 0.00	34.35 3.01 0.00	33.54 2.94 0.00	30.86 2.31 0.00	24.15 1.79 0.00	21.97 1.63 -0.01
NYPA_VERNON____GT3 24163	24.17 1.54 -0.01	22.16 1.29 -0.01	21.27 1.17 -0.01	21.17 1.16 -0.01	22.27 1.28 -0.01	26.25 1.53 0.00	35.05 2.60 0.00	34.70 2.66 0.00	28.68 1.88 0.00	23.06 1.57 0.00	21.15 1.40 0.00	21.22 1.37 -0.54	20.73 1.34 0.00	20.52 1.39 -0.03	20.42 1.40 -0.03	20.46 1.41 -0.25	21.15 1.51 0.00	24.65 1.89 0.00	28.40 2.15 0.00	34.35 3.01 0.00	33.54 2.94 0.00	30.86 2.31 0.00	24.15 1.79 0.00	21.97 1.63 -0.01
NYPA__ASTORIA_CC1 323568	24.15 1.52 -0.01	22.13 1.27 -0.01	21.27 1.17 -0.01	21.17 1.16 -0.01	22.27 1.28 -0.01	26.25 1.53 0.00	35.02 2.56 0.00	34.64 2.59 0.00	28.65 1.85 0.00	23.04 1.55 0.00	21.13 1.38 0.00	21.20 1.35 -0.54	20.71 1.32 0.00	20.50 1.38 -0.03	20.40 1.39 -0.03	20.46 1.41 -0.25	21.13 1.49 0.00	24.63 1.87 0.00	28.37 2.12 0.00	34.28 2.95 0.00	33.52 2.91 0.00	30.80 2.25 0.00	24.15 1.79 0.00	21.95 1.61 -0.01
NYPA__ASTORIA_CC2 323569	24.15 1.52 -0.01	22.13 1.27 -0.01	21.27 1.17 -0.01	21.17 1.16 -0.01	22.27 1.28 -0.01	26.25 1.53 0.00	35.02 2.56 0.00	34.64 2.59 0.00	28.65 1.85 0.00	23.04 1.55 0.00	21.13 1.38 0.00	21.20 1.35 -0.54	20.71 1.32 0.00	20.50 1.38 -0.03	20.40 1.39 -0.03	20.46 1.41 -0.25	21.13 1.49 0.00	24.63 1.87 0.00	28.37 2.12 0.00	34.28 2.95 0.00	33.52 2.91 0.00	30.80 2.25 0.00	24.15 1.79 0.00	21.95 1.61 -0.01
NYPA__HOLTSVILL 23794	25.61 1.90 -1.09	24.70 1.63 -2.22	26.11 1.49 -4.52	23.05 1.52 -1.52	24.19 1.72 -1.49	30.95 2.05 -4.18	44.84 2.69 -9.70	44.82 2.72 -10.05	28.84 2.04 0.00	23.21 1.72 0.00	21.23 1.48 0.00	20.85 1.53 -0.01	20.75 1.36 0.00	20.47 1.38 0.00	20.37 1.39 0.00	20.39 1.60 -0.01	23.86 1.75 -2.47	28.02 2.21 -3.05	32.89 2.23 -4.42	43.78 2.98 -9.46	44.15 3.12 -10.42	39.90 2.34 -9.01	32.26 2.19 -7.71	29.22 1.93 -6.96
NYPA____HELLGATE_GT1 24158	24.10 1.47 -0.01	22.13 1.27 -0.01	21.29 1.19 -0.01	21.17 1.16 -0.01	22.27 1.28 -0.01	26.23 1.51 0.00	34.89 2.44 0.00	34.47 2.43 0.01	28.54 1.74 0.01	23.01 1.53 0.01	21.09 1.34 0.01	20.71 1.35 -0.05	20.64 1.26 0.01	20.48 1.38 -0.01	20.36 1.37 -0.01	20.21 1.39 -0.03	21.06 1.43 0.01	24.56 1.80 0.01	28.26 2.02 0.01	34.15 2.82 0.01	33.38 2.78 0.01	30.68 2.14 0.01	24.10 1.75 0.00	21.95 1.61 -0.01
NYPA____HELLGATE_GT2 24159	24.10 1.47 -0.01	22.13 1.27 -0.01	21.29 1.19 -0.01	21.17 1.16 -0.01	22.27 1.28 -0.01	26.23 1.51 0.00	34.89 2.44 0.00	34.47 2.43 0.01	28.54 1.74 0.01	23.01 1.53 0.01	21.09 1.34 0.01	20.71 1.35 -0.05	20.64 1.26 0.01	20.48 1.38 -0.01	20.36 1.37 -0.01	20.21 1.39 -0.03	21.06 1.43 0.01	24.56 1.80 0.01	28.26 2.02 0.01	34.15 2.82 0.01	33.38 2.78 0.01	30.68 2.14 0.01	24.10 1.75 0.00	21.95 1.61 -0.01
NYS_BARGE__HYD 23848	22.85 0.23 0.00	20.90 0.04 0.00	20.34 0.24 0.00	20.27 0.26 0.00	20.79 -0.19 0.00	24.52 -0.20 0.00	32.29 -0.16 0.00	32.01 -0.03 0.00	26.43 -0.38 0.00	21.34 -0.15 0.00	19.67 -0.08 0.00	19.19 -0.12 0.00	19.43 0.04 0.00	19.09 0.00 0.00	18.76 -0.23 0.00	18.39 -0.40 0.00	19.25 -0.39 0.00	22.08 -0.68 0.00	25.22 -1.02 0.00	30.09 -1.25 0.00	29.47 -1.13 0.00	27.15 -1.40 0.00	21.51 -0.85 0.00	19.70 -0.63 0.00
OAK ORCHARD__HYD 24046	22.87 0.25 0.00	20.96 0.10 0.00	20.32 0.22 0.00	20.25 0.24 0.00	20.92 -0.06 0.00	24.67 -0.05 0.00	32.55 0.10 0.00	32.36 0.32 0.00	26.80 0.00 0.00	21.55 0.06 0.00	19.83 0.08 0.00	19.37 0.06 0.00	19.56 0.17 0.00	19.21 0.12 0.00	18.91 -0.08 0.00	18.58 -0.21 0.00	19.44 -0.20 0.00	22.40 -0.37 0.00	25.74 -0.50 0.00	30.74 -0.60 0.00	30.15 -0.46 0.00	27.81 -0.74 0.00	21.89 -0.47 0.00	19.94 -0.39 0.00
OAKDALE__35_KV_LOAD 356122	23.12 0.50 0.00	21.27 0.42 0.00	20.42 0.32 0.00	20.31 0.30 0.00	21.36 0.38 0.00	25.19 0.47 0.00	33.20 0.75 0.00	32.97 0.93 0.00	27.34 0.54 0.00	21.92 0.43 0.00	20.13 0.38 0.00	19.66 0.35 0.00	19.76 0.37 0.00	19.45 0.36 0.00	19.29 0.30 0.00	19.05 0.26 0.00	19.91 0.27 0.00	23.06 0.30 0.00	26.58 0.34 0.00	31.90 0.56 0.00	31.16 0.55 0.00	28.89 0.34 0.00	22.65 0.29 0.00	20.58 0.24 0.00



OCC_CHEM___DRP 24175	22.40 -0.23 0.00	20.48 -0.38 0.00	19.42 -0.68 0.00	19.23 -0.78 0.00	20.35 -0.63 0.00	23.88 -0.84 0.00	30.96 -1.49 0.00	31.21 -0.83 0.00	25.84 -0.96 0.00	20.87 -0.62 0.00	19.26 -0.49 0.00	18.81 -0.50 0.00	19.02 -0.37 0.00	18.69 -0.40 0.00	18.38 -0.61 0.00	18.02 -0.77 0.00	18.85 -0.79 0.00	21.61 -1.16 0.00	24.64 -1.60 0.00	29.37 -1.97 0.00	28.77 -1.84 0.00	26.55 -2.00 0.00	21.08 -1.27 0.00	19.15 -1.18 0.00
OH_GEN_PROXY 24063	22.67 0.05 0.00	20.73 -0.12 0.00	20.16 0.06 0.00	20.09 0.08 0.00	20.64 -0.34 0.00	24.32 -0.40 0.00	31.97 -0.49 0.00	31.66 -0.38 0.00	26.19 -0.62 0.00	21.19 -0.30 0.00	19.53 -0.22 0.00	19.08 -0.23 0.00	19.29 -0.10 0.00	18.96 -0.13 0.00	18.64 -0.34 0.00	18.28 -0.51 0.00	19.13 -0.51 0.00	21.97 -0.80 0.00	25.12 -1.13 0.00	29.93 -1.41 0.00	29.29 -1.32 0.00	27.03 -1.51 0.00	21.42 -0.94 0.00	19.64 -0.69 0.00
OLIN_CORP_DRP 24177	22.53 -0.09 0.00	20.60 -0.25 0.00	19.54 -0.56 0.00	19.33 -0.68 0.00	20.48 -0.50 0.00	24.03 -0.69 0.00	31.19 -1.27 0.00	31.47 -0.58 0.00	26.03 -0.78 0.00	21.02 -0.47 0.00	19.37 -0.38 0.00	18.90 -0.41 0.00	19.14 -0.25 0.00	18.81 -0.29 0.00	18.49 -0.49 0.00	18.13 -0.66 0.00	18.95 -0.69 0.00	21.74 -1.02 0.00	24.83 -1.42 0.00	29.58 -1.76 0.00	28.98 -1.62 0.00	26.72 -1.83 0.00	21.20 -1.16 0.00	19.25 -1.08 0.00
OLIN_CORP_DSASP 323712	22.40 -0.23 0.00	20.48 -0.37 0.00	19.94 -0.16 0.00	19.87 -0.14 0.00	20.37 -0.61 0.00	24.00 -0.72 0.00	31.54 -0.91 0.00	31.21 -0.83 0.00	25.79 -1.02 0.00	20.87 -0.62 0.00	19.26 -0.49 0.00	18.81 -0.50 0.00	19.02 -0.37 0.00	18.69 -0.40 0.00	18.38 -0.61 0.00	18.02 -0.77 0.00	18.85 -0.79 0.00	21.61 -1.16 0.00	24.67 -1.57 0.00	29.40 -1.94 0.00	28.77 -1.84 0.00	26.55 -2.00 0.00	21.06 -1.30 0.00	19.34 -1.00 0.00
ONEIDA_HERK_LFGE 323681	23.12 0.50 0.00	21.33 0.48 0.00	20.54 0.44 0.00	20.47 0.46 0.00	21.46 0.48 0.00	25.31 0.59 0.00	33.52 1.07 0.00	33.00 0.96 0.00	27.31 0.51 0.00	21.81 0.32 0.00	19.99 0.24 0.00	19.46 0.15 0.00	19.60 0.21 0.00	19.28 0.19 0.00	19.19 0.21 0.00	18.98 0.19 0.00	19.82 0.18 0.00	22.99 0.23 0.00	26.58 0.34 0.00	32.00 0.66 0.00	31.31 0.70 0.00	29.12 0.57 0.00	22.76 0.40 0.00	20.60 0.26 0.00
ONEIDA___115KV_TB4 55905	23.60 0.97 0.00	21.73 0.88 0.00	20.92 0.82 0.00	20.83 0.82 0.00	21.86 0.88 0.00	25.78 1.06 0.00	34.17 1.72 0.00	33.71 1.67 0.00	27.85 1.05 0.00	22.22 0.73 0.00	20.34 0.59 0.00	19.79 0.48 0.00	19.95 0.56 0.00	19.65 0.55 0.00	19.55 0.57 0.00	19.32 0.53 0.00	20.17 0.53 0.00	23.31 0.55 0.00	26.98 0.73 0.00	32.47 1.13 0.00	31.77 1.16 0.00	29.49 0.94 0.00	23.07 0.72 0.00	20.88 0.55 0.00
ONONDAGA_REF_OCCRA 23987	22.80 0.18 0.00	20.98 0.13 0.00	20.18 0.08 0.00	20.09 0.08 0.00	21.08 0.10 0.00	24.84 0.12 0.00	32.81 0.36 0.00	32.49 0.45 0.00	27.02 0.21 0.00	21.66 0.17 0.00	19.89 0.14 0.00	19.44 0.14 0.00	19.54 0.16 0.00	19.23 0.13 0.00	19.06 0.08 0.00	18.85 0.06 0.00	19.70 0.06 0.00	22.77 0.00 0.00	26.27 0.03 0.00	31.50 0.16 0.00	30.76 0.15 0.00	28.58 0.03 0.00	22.38 0.02 0.00	20.31 -0.02 0.00
ONONDAGA___COGEN 23986	23.01 0.38 0.00	21.15 0.29 0.00	20.32 0.22 0.00	20.21 0.20 0.00	21.23 0.25 0.00	25.02 0.30 0.00	33.01 0.55 0.00	32.75 0.70 0.00	27.21 0.40 0.00	21.81 0.32 0.00	20.05 0.30 0.00	19.58 0.27 0.00	19.68 0.29 0.00	19.36 0.27 0.00	19.17 0.19 0.00	18.92 0.13 0.00	19.78 0.14 0.00	22.86 0.09 0.00	26.37 0.13 0.00	31.59 0.25 0.00	30.88 0.28 0.00	28.66 0.11 0.00	22.47 0.11 0.00	20.39 0.06 0.00
ONTARIO___LFGE 23819	23.48 0.86 0.00	21.52 0.67 0.00	20.82 0.72 0.00	20.75 0.74 0.00	21.57 0.59 0.00	25.51 0.79 0.00	33.85 1.39 0.00	33.42 1.38 0.00	27.66 0.86 0.00	22.13 0.64 0.00	20.30 0.55 0.00	19.81 0.50 0.00	19.97 0.58 0.00	19.63 0.53 0.00	19.34 0.36 0.00	19.05 0.26 0.00	19.89 0.25 0.00	22.99 0.23 0.00	26.56 0.32 0.00	31.81 0.47 0.00	31.07 0.46 0.00	28.72 0.17 0.00	22.56 0.20 0.00	20.48 0.14 0.00
ORANGEVILLE_WT_PWR 323706	23.35 0.72 0.00	21.38 0.52 0.00	20.74 0.64 0.00	20.67 0.66 0.00	21.31 0.33 0.00	25.19 0.47 0.00	33.23 0.78 0.00	32.94 0.90 0.00	27.15 0.35 0.00	21.88 0.39 0.00	20.12 0.37 0.00	19.64 0.33 0.00	19.85 0.46 0.00	19.53 0.44 0.00	19.21 0.23 0.00	18.87 0.08 0.00	19.68 0.04 0.00	22.63 -0.14 0.00	25.93 -0.31 0.00	30.97 -0.37 0.00	30.21 -0.40 0.00	27.81 -0.74 0.00	21.93 -0.43 0.00	19.99 -0.35 0.00
ORANGEVILLE___ESR 323794	23.35 0.72 0.00	21.38 0.52 0.00	20.74 0.64 0.00	20.67 0.66 0.00	21.31 0.33 0.00	25.19 0.47 0.00	33.23 0.78 0.00	32.94 0.90 0.00	27.15 0.35 0.00	21.88 0.39 0.00	20.12 0.37 0.00	19.64 0.33 0.00	19.85 0.46 0.00	19.53 0.44 0.00	19.21 0.23 0.00	18.87 0.08 0.00	19.68 0.04 0.00	22.63 -0.14 0.00	25.93 -0.31 0.00	30.97 -0.37 0.00	30.21 -0.40 0.00	27.81 -0.74 0.00	21.93 -0.43 0.00	19.99 -0.35 0.00
OSWEGATCHIE___HYD 24044	22.08 -0.54 0.00	20.39 -0.46 0.00	19.66 -0.44 0.00	19.57 -0.44 0.00	20.56 -0.42 0.00	24.25 -0.47 0.00	31.74 -0.71 0.00	31.27 -0.77 0.00	26.19 -0.62 0.00	20.93 -0.56 0.00	19.16 -0.59 0.00	18.67 -0.64 0.00	18.81 -0.58 0.00	18.46 -0.63 0.00	18.38 -0.61 0.00	18.17 -0.62 0.00	18.95 -0.69 0.00	22.02 -0.75 0.00	25.48 -0.76 0.00	30.40 -0.94 0.00	29.75 -0.86 0.00	27.84 -0.71 0.00	21.73 -0.63 0.00	19.72 -0.61 0.00
OSWEGO___5 23606	22.10 -0.52 0.00	20.37 -0.48 0.00	19.66 -0.44 0.00	19.57 -0.44 0.00	20.48 -0.50 0.00	24.12 -0.59 0.00	31.80 -0.65 0.00	31.40 -0.64 0.00	26.19 -0.62 0.00	21.04 -0.45 0.00	19.37 -0.38 0.00	18.92 -0.39 0.00	19.02 -0.37 0.00	18.71 -0.38 0.00	18.58 -0.40 0.00	18.38 -0.41 0.00	19.21 -0.43 0.00	22.15 -0.61 0.00	25.54 -0.71 0.00	30.56 -0.78 0.00	29.87 -0.73 0.00	27.78 -0.77 0.00	21.78 -0.58 0.00	19.78 -0.55 0.00
OSWEGO___6 23613	22.10 -0.52 0.00	20.37 -0.48 0.00	19.66 -0.44 0.00	19.57 -0.44 0.00	20.48 -0.50 0.00	24.12 -0.59 0.00	31.80 -0.65 0.00	31.40 -0.64 0.00	26.19 -0.62 0.00	21.04 -0.45 0.00	19.37 -0.38 0.00	18.92 -0.39 0.00	19.02 -0.37 0.00	18.71 -0.38 0.00	18.58 -0.40 0.00	18.38 -0.41 0.00	19.21 -0.43 0.00	22.15 -0.61 0.00	25.54 -0.71 0.00	30.56 -0.78 0.00	29.87 -0.73 0.00	27.78 -0.77 0.00	21.78 -0.58 0.00	19.78 -0.55 0.00
OUTOKUMPU-AB___DRP 24206	23.03 0.41 0.00	21.06 0.21 0.00	19.98 -0.12 0.00	19.77 -0.24 0.00	20.94 -0.04 0.00	24.62 -0.10 0.00	32.00 -0.45 0.00	32.33 0.29 0.00	26.70 -0.11 0.00	21.53 0.04 0.00	19.85 0.10 0.00	19.35 0.04 0.00	19.58 0.19 0.00	19.24 0.15 0.00	18.93 -0.06 0.00	18.55 -0.24 0.00	19.40 -0.24 0.00	22.24 -0.52 0.00	25.38 -0.87 0.00	30.31 -1.03 0.00	29.66 -0.95 0.00	27.35 -1.20 0.00	21.67 -0.69 0.00	19.64 -0.69 0.00



OXBOW___BTM 323836	22.71 0.09 0.00	20.77 -0.08 0.00	20.22 0.12 0.00	20.15 0.14 0.00	20.69 -0.29 0.00	24.37 -0.35 0.00	32.10 -0.36 0.00	31.79 -0.26 0.00	26.24 -0.56 0.00	21.21 -0.28 0.00	19.55 -0.20 0.00	19.08 -0.23 0.00	19.31 -0.08 0.00	18.98 -0.11 0.00	18.66 -0.32 0.00	18.30 -0.49 0.00	19.13 -0.51 0.00	21.95 -0.82 0.00	25.06 -1.18 0.00	29.87 -1.47 0.00	29.23 -1.38 0.00	26.95 -1.60 0.00	21.38 -0.98 0.00	19.58 -0.75 0.00
OXBOW____ 24026	22.71 0.09 0.00	20.77 -0.08 0.00	19.70 -0.40 0.00	19.51 -0.50 0.00	20.64 -0.34 0.00	24.25 -0.47 0.00	31.51 -0.94 0.00	31.79 -0.26 0.00	26.27 -0.54 0.00	21.21 -0.28 0.00	19.55 -0.20 0.00	19.08 -0.23 0.00	19.31 -0.08 0.00	18.98 -0.11 0.00	18.66 -0.32 0.00	18.28 -0.51 0.00	19.13 -0.51 0.00	21.95 -0.82 0.00	25.04 -1.21 0.00	29.87 -1.47 0.00	29.23 -1.38 0.00	26.95 -1.60 0.00	21.37 -0.98 0.00	19.40 -0.94 0.00
OXY_CHEM_DSASP 323612	22.40 -0.23 0.00	20.48 -0.38 0.00	19.42 -0.68 0.00	19.23 -0.78 0.00	20.35 -0.63 0.00	23.88 -0.84 0.00	30.96 -1.49 0.00	31.21 -0.83 0.00	25.84 -0.96 0.00	20.87 -0.62 0.00	19.26 -0.49 0.00	18.81 -0.50 0.00	19.02 -0.37 0.00	18.69 -0.40 0.00	18.38 -0.61 0.00	18.02 -0.77 0.00	18.85 -0.79 0.00	21.61 -1.16 0.00	24.64 -1.60 0.00	29.37 -1.97 0.00	28.77 -1.84 0.00	26.55 -2.00 0.00	21.08 -1.27 0.00	19.15 -1.18 0.00
OZONE_PARK_ESR 323760	24.23 1.61 0.00	22.19 1.33 0.00	21.41 1.31 0.00	21.31 1.30 0.00	22.32 1.34 0.00	26.33 1.61 0.00	35.15 2.69 0.00	34.77 2.72 0.00	28.87 2.06 0.00	23.19 1.70 0.00	21.25 1.50 0.00	21.32 1.53 0.00	20.82 1.43 0.00	20.61 1.49 -0.03	20.53 1.52 -0.03	20.58 1.56 -0.23	21.25 1.61 0.00	24.79 2.03 0.00	28.58 2.34 0.00	34.60 3.26 0.00	33.79 3.18 0.00	31.09 2.54 0.00	24.17 1.81 0.00	22.06 1.73 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	22.40 -0.23 0.00	20.48 -0.38 0.00	19.42 -0.68 0.00	19.23 -0.78 0.00	20.35 -0.63 0.00	23.88 -0.84 0.00	30.96 -1.49 0.00	31.21 -0.83 0.00	25.84 -0.96 0.00	20.87 -0.62 0.00	19.26 -0.49 0.00	18.81 -0.50 0.00	19.02 -0.37 0.00	18.69 -0.40 0.00	18.38 -0.61 0.00	18.02 -0.77 0.00	18.85 -0.79 0.00	21.61 -1.16 0.00	24.64 -1.60 0.00	29.37 -1.97 0.00	28.77 -1.84 0.00	26.55 -2.00 0.00	21.08 -1.27 0.00	19.15 -1.18 0.00
PACKARD__115KV_DUPONT_184 80571	22.40 -0.23 0.00	20.48 -0.38 0.00	19.42 -0.68 0.00	19.23 -0.78 0.00	20.35 -0.63 0.00	23.88 -0.84 0.00	30.96 -1.49 0.00	31.21 -0.83 0.00	25.84 -0.96 0.00	20.87 -0.62 0.00	19.26 -0.49 0.00	18.81 -0.50 0.00	19.02 -0.37 0.00	18.69 -0.40 0.00	18.38 -0.61 0.00	18.02 -0.77 0.00	18.85 -0.79 0.00	21.61 -1.16 0.00	24.64 -1.60 0.00	29.37 -1.97 0.00	28.77 -1.84 0.00	26.55 -2.00 0.00	21.08 -1.27 0.00	19.15 -1.18 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	24.12 1.49 -0.01	22.15 1.29 -0.01	21.37 1.27 -0.01	21.29 1.28 -0.01	22.29 1.30 -0.01	26.23 1.51 0.00	34.82 2.37 0.00	34.35 2.31 0.00	28.52 1.72 0.00	22.93 1.44 0.00	21.03 1.28 0.00	20.57 1.26 0.00	20.61 1.22 0.00	20.38 1.28 0.00	20.28 1.29 0.00	20.09 1.30 -0.01	21.03 1.39 0.00	24.52 1.75 0.00	28.24 1.99 0.00	34.16 2.82 0.00	33.36 2.75 0.00	30.72 2.17 0.00	24.01 1.65 0.00	21.95 1.61 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	24.26 1.63 -0.01	22.26 1.40 -0.01	21.49 1.39 -0.01	21.39 1.38 -0.01	22.41 1.43 -0.01	26.35 1.63 0.00	35.02 2.56 0.00	34.51 2.47 0.00	28.65 1.85 0.00	23.04 1.55 0.00	21.09 1.34 0.00	20.70 1.39 0.00	20.65 1.26 0.00	20.41 1.32 0.00	20.30 1.31 0.00	20.13 1.33 -0.01	21.05 1.41 0.00	24.56 1.80 0.00	28.32 2.07 0.00	34.25 2.91 0.00	33.45 2.85 0.00	30.80 2.26 0.00	24.08 1.72 0.00	22.03 1.69 -0.01
PATROON__115KV_TB1 80586	22.60 -0.02 0.00	20.92 0.06 0.00	20.22 0.12 0.00	20.13 0.12 0.00	21.02 0.04 0.00	24.69 -0.02 0.00	32.65 0.19 0.00	32.07 0.03 0.00	26.64 -0.16 0.00	21.40 -0.09 0.00	19.69 -0.06 0.00	19.29 -0.02 0.00	19.35 -0.04 0.00	19.02 -0.08 0.00	18.97 -0.02 0.00	18.79 0.00 0.00	19.72 0.08 0.00	22.97 0.20 0.00	26.48 0.24 0.00	31.97 0.63 0.00	31.22 0.61 0.00	28.92 0.37 0.00	22.65 0.29 0.00	20.64 0.30 0.00
PATTRSNVILLE__SOLAR 323815	23.44 0.81 0.00	21.67 0.81 0.00	20.84 0.74 0.00	20.77 0.76 0.00	21.78 0.80 0.00	25.68 0.96 0.00	34.04 1.59 0.00	33.42 1.38 0.00	27.66 0.86 0.00	22.05 0.56 0.00	20.20 0.45 0.00	19.77 0.46 0.00	19.85 0.46 0.00	19.51 0.42 0.00	19.44 0.45 0.00	19.28 0.49 0.00	20.17 0.53 0.00	23.49 0.73 0.00	27.22 0.97 0.00	32.84 1.50 0.00	32.14 1.53 0.00	29.80 1.25 0.00	23.28 0.92 0.00	21.12 0.79 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	23.44 0.81 0.00	21.44 0.58 0.00	20.36 0.26 0.00	20.19 0.18 0.00	21.36 0.38 0.00	25.16 0.44 0.00	32.81 0.36 0.00	33.16 1.12 0.00	27.37 0.56 0.00	22.05 0.56 0.00	20.28 0.53 0.00	19.77 0.46 0.00	20.01 0.62 0.00	19.68 0.59 0.00	19.36 0.38 0.00	18.98 0.19 0.00	19.89 0.26 0.00	22.83 0.07 0.00	26.11 -0.13 0.00	31.21 -0.13 0.00	30.48 -0.12 0.00	28.12 -0.43 0.00	22.20 -0.16 0.00	20.13 -0.20 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	24.00 1.38 0.00	22.02 1.17 0.00	21.31 1.21 0.00	21.21 1.20 0.00	22.22 1.24 0.00	26.20 1.48 0.00	34.95 2.50 0.00	34.45 2.40 0.00	28.55 1.74 0.00	22.78 1.29 0.00	20.84 1.09 0.00	20.37 1.06 0.00	20.44 1.05 0.00	20.20 1.11 0.00	20.12 1.14 0.00	19.97 1.18 0.00	20.84 1.20 0.00	24.36 1.59 0.00	28.16 1.92 0.00	34.00 2.66 0.00	33.24 2.63 0.00	30.69 2.14 0.00	23.97 1.61 0.00	21.84 1.50 0.00
PEEKSKILL____ 23653	23.82 1.20 0.00	21.88 1.02 0.00	21.04 0.94 0.00	20.93 0.92 0.00	22.03 1.05 0.00	26.00 1.28 0.00	34.69 2.24 0.00	34.32 2.28 0.00	28.36 1.55 0.00	22.73 1.25 0.00	20.84 1.09 0.00	20.44 1.12 -0.01	20.43 1.05 0.00	20.18 1.09 0.00	20.10 1.12 0.00	19.96 1.17 0.00	20.84 1.20 0.00	24.32 1.55 0.00	28.03 1.79 0.00	33.88 2.54 0.00	33.12 2.51 0.00	30.52 1.97 0.00	23.88 1.52 0.00	21.67 1.34 0.00
PGE MADISON__WINDPWR 24146	25.05 2.42 0.00	23.06 2.21 0.00	22.21 2.11 0.00	22.15 2.14 0.00	23.20 2.22 0.00	27.41 2.69 0.00	36.64 4.19 0.00	35.98 3.94 0.00	29.24 2.44 0.00	23.17 1.68 0.00	21.03 1.28 0.00	20.39 1.08 0.00	20.63 1.24 0.00	20.31 1.22 0.00	20.22 1.23 0.00	19.96 1.17 0.00	20.90 1.26 0.00	24.41 1.64 0.00	28.42 2.18 0.00	34.47 3.13 0.00	33.70 3.09 0.00	31.17 2.62 0.00	24.41 2.06 0.00	21.96 1.63 0.00
PIERCEFIELD__HYD 23852	21.76 -0.86 0.00	20.14 -0.71 0.00	19.44 -0.66 0.00	19.35 -0.66 0.00	20.31 -0.67 0.00	23.98 -0.74 0.00	31.22 -1.23 0.00	30.76 -1.28 0.00	25.92 -0.88 0.00	20.72 -0.77 0.00	18.98 -0.77 0.00	18.52 -0.79 0.00	18.65 -0.74 0.00	18.31 -0.78 0.00	18.22 -0.76 0.00	18.02 -0.77 0.00	18.83 -0.81 0.00	21.88 -0.89 0.00	25.27 -0.97 0.00	29.87 -1.47 0.00	29.17 -1.44 0.00	27.44 -1.11 0.00	21.53 -0.83 0.00	19.52 -0.81 0.00



PINELAWN_CC_1 323563	25.57 1.86 -1.09	24.66 1.58 -2.22	26.09 1.47 -4.52	22.99 1.46 -1.52	24.10 1.64 -1.49	28.69 1.98 -1.99	35.75 2.73 -0.57	35.30 2.79 -0.47	28.84 2.04 0.00	23.12 1.63 0.00	21.19 1.44 0.00	20.79 1.47 -0.01	20.73 1.34 0.00	20.47 1.38 0.00	20.35 1.37 0.00	20.32 1.52 -0.01	21.48 1.69 -0.15	25.09 2.14 -0.19	28.76 2.26 -0.26	34.80 3.04 -0.42	34.26 3.18 -0.47	31.35 2.40 -0.40	27.17 2.13 -2.68	22.62 1.87 -0.42
PJM_GEN_HTP_PROXY 323702	24.05 1.43 0.00	22.04 1.19 0.00	21.18 1.08 0.00	21.07 1.06 0.00	22.15 1.17 0.00	26.18 1.46 0.00	34.95 2.50 0.00	34.61 2.56 0.00	28.60 1.80 0.00	22.97 1.48 0.00	21.07 1.32 0.00	21.07 1.35 -0.41	20.65 1.26 0.00	20.43 1.32 -0.02	20.36 1.35 -0.02	20.37 1.39 -0.19	21.05 1.41 0.00	24.54 1.78 0.00	28.29 2.05 0.00	34.25 2.92 0.00	33.45 2.85 0.00	30.78 2.23 0.00	24.04 1.68 0.00	21.84 1.50 0.00
PJM_GEN_KEystone 24065	23.28 0.66 0.00	21.35 0.50 0.00	20.62 0.52 0.00	20.53 0.52 0.00	21.44 0.46 0.00	25.36 0.64 0.00	33.56 1.10 0.00	33.33 1.28 0.00	27.50 0.70 0.00	22.11 0.62 0.00	20.30 0.55 0.00	19.88 0.54 -0.03	19.95 0.56 0.00	19.67 0.57 0.00	19.50 0.51 0.00	19.28 0.47 -0.02	20.15 0.51 0.00	23.38 0.61 0.00	26.90 0.66 0.00	32.34 1.00 0.00	31.61 1.01 0.00	29.18 0.63 0.00	22.92 0.56 0.00	20.86 0.53 0.00
PJM_GEN_NEPTUNE_PROXY 323594	25.25 1.54 -1.09	24.41 1.34 -2.22	25.87 1.25 -4.52	22.75 1.22 -1.52	23.81 1.34 -1.49	28.23 1.66 -1.86	34.85 2.40 0.00	34.51 2.47 0.00	28.57 1.77 0.00	22.91 1.42 0.00	21.01 1.27 0.00	20.62 1.29 -0.01	20.57 1.18 0.00	20.32 1.22 0.00	20.22 1.23 0.00	20.15 1.35 -0.01	21.12 1.47 -0.01	24.64 1.87 -0.01	28.26 2.02 0.00	34.10 2.76 0.00	33.52 2.91 -0.01	30.69 2.14 0.00	26.56 1.83 -2.37	21.97 1.63 -0.01
PJM_GEN_VFT_PROXY 323633	23.96 1.33 0.00	21.94 1.08 0.00	21.08 0.98 0.00	20.97 0.96 0.00	22.07 1.09 0.00	26.08 1.36 0.00	34.85 2.40 0.00	34.51 2.47 0.00	28.52 1.72 0.00	22.95 1.46 0.00	21.03 1.28 0.00	21.10 1.31 -0.48	20.59 1.20 0.00	20.40 1.28 -0.03	20.32 1.31 -0.03	20.37 1.35 -0.23	21.01 1.37 0.00	24.47 1.71 0.00	28.21 1.97 0.00	34.16 2.82 0.00	33.39 2.78 0.00	30.69 2.14 0.00	23.97 1.61 0.00	21.78 1.44 0.00
PLATSBURG_115KV_PMLD1 355749	22.46 -0.16 0.00	20.85 0.00 0.00	20.16 0.06 0.00	20.09 0.08 0.00	21.17 0.19 0.00	25.02 0.30 0.00	32.62 0.16 0.00	32.36 0.32 0.00	27.26 0.46 0.00	21.73 0.24 0.00	19.87 0.12 0.00	19.42 0.12 0.00	19.56 0.17 0.00	19.17 0.08 0.00	19.06 0.08 0.00	18.83 0.04 0.00	19.72 0.08 0.00	22.88 0.11 0.00	26.35 0.10 0.00	30.96 -0.38 0.00	29.93 -0.67 0.00	28.01 -0.54 0.00	22.72 0.36 0.00	20.58 0.24 0.00
PLEASANTVLY___LBMP 24000	23.55 0.93 0.00	21.67 0.81 0.00	20.92 0.82 0.00	20.83 0.82 0.00	21.84 0.86 0.00	25.73 1.01 0.00	34.24 1.78 0.00	33.80 1.76 0.00	28.01 1.21 0.00	22.41 0.92 0.00	20.56 0.81 0.00	20.14 0.83 0.00	20.14 0.76 0.00	19.89 0.80 0.00	19.82 0.84 0.00	19.67 0.88 0.00	20.56 0.92 0.00	24.00 1.23 0.00	27.69 1.44 0.00	33.47 2.13 0.00	32.69 2.08 0.00	30.20 1.66 0.00	23.54 1.19 0.00	21.47 1.14 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	23.80 1.18 0.00	21.88 1.02 0.00	21.10 1.00 0.00	21.01 1.00 0.00	22.03 1.05 0.00	25.95 1.24 0.00	34.60 2.14 0.00	34.19 2.15 0.00	28.33 1.53 0.00	22.71 1.22 0.00	20.82 1.07 0.00	20.38 1.08 0.01	20.42 1.03 0.00	20.16 1.07 0.00	20.08 1.10 0.00	19.93 1.15 0.01	20.82 1.18 0.00	24.29 1.53 0.00	28.03 1.78 0.00	33.88 2.54 0.00	33.09 2.48 0.00	30.52 1.97 0.00	23.79 1.43 0.00	21.69 1.36 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.80 1.18 0.00	21.88 1.02 0.00	21.10 1.00 0.00	21.01 1.00 0.00	22.03 1.05 0.00	25.95 1.24 0.00	34.60 2.14 0.00	34.19 2.15 0.00	28.33 1.53 0.00	22.71 1.22 0.00	20.82 1.07 0.00	20.38 1.08 0.01	20.42 1.03 0.00	20.16 1.07 0.00	20.08 1.10 0.00	19.93 1.15 0.01	20.82 1.18 0.00	24.29 1.53 0.00	28.03 1.78 0.00	33.88 2.54 0.00	33.09 2.48 0.00	30.52 1.97 0.00	23.79 1.43 0.00	21.69 1.36 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.05 1.43 0.00	22.08 1.23 0.00	21.33 1.23 0.00	21.23 1.22 0.00	22.26 1.28 0.00	26.23 1.51 0.00	34.95 2.50 0.00	34.41 2.37 0.00	28.55 1.74 0.00	22.69 1.20 0.00	20.78 1.03 0.00	20.22 0.91 0.00	20.28 0.89 0.00	20.05 0.95 0.00	20.01 1.03 0.00	19.88 1.09 0.00	20.78 1.14 0.00	24.34 1.57 0.00	28.19 1.94 0.00	34.03 2.70 0.00	33.27 2.66 0.00	30.69 2.14 0.00	23.95 1.59 0.00	21.82 1.48 0.00
POLETTI____ 23519	24.00 1.38 0.00	22.00 1.15 0.00	21.23 1.13 0.00	21.15 1.14 0.00	22.13 1.15 0.00	26.10 1.38 0.00	34.82 2.37 0.00	34.41 2.37 0.00	28.55 1.74 0.00	22.95 1.46 0.00	21.03 1.28 0.00	21.10 1.31 -0.48	20.63 1.24 0.00	20.40 1.28 -0.03	20.32 1.31 -0.03	20.37 1.35 -0.23	21.03 1.39 0.00	24.52 1.75 0.00	28.26 2.02 0.00	34.19 2.85 0.00	33.39 2.79 0.00	30.75 2.20 0.00	23.92 1.57 0.00	21.86 1.52 0.00
POMONA___ESR 323819	23.71 1.09 0.00	21.79 0.94 0.00	20.94 0.84 0.00	20.85 0.84 0.00	21.94 0.97 0.00	25.93 1.21 0.00	34.50 2.05 0.00	34.19 2.15 0.00	28.28 1.47 0.00	22.63 1.14 0.00	20.76 1.01 0.00	20.29 0.98 0.00	20.32 0.93 0.00	20.08 0.99 0.00	20.01 1.02 0.00	19.86 1.07 0.00	20.74 1.10 0.00	24.20 1.44 0.00	27.92 1.68 0.00	33.75 2.41 0.00	32.96 2.36 0.00	30.43 1.88 0.00	23.79 1.43 0.00	21.61 1.28 0.00
PORT_JEFF_3 23555	25.73 2.01 -1.09	24.78 1.71 -2.22	26.19 1.57 -4.52	23.13 1.60 -1.52	24.27 1.80 -1.49	31.14 2.18 -4.24	45.18 2.79 -9.94	45.19 2.85 -10.30	28.95 2.15 0.00	23.27 1.78 0.00	21.29 1.54 0.00	20.91 1.58 -0.01	20.80 1.41 0.00	20.54 1.45 0.00	20.43 1.44 0.00	20.45 1.65 -0.01	24.02 1.85 -2.54	28.22 2.32 -3.13	33.16 2.39 -4.53	44.16 3.13 -9.69	44.56 3.28 -10.67	40.25 2.48 -9.22	32.50 2.30 -7.84	29.50 2.03 -7.13
PORT_JEFF_4 23616	25.73 2.01 -1.09	24.78 1.71 -2.22	26.19 1.57 -4.52	23.13 1.60 -1.52	24.27 1.80 -1.49	31.14 2.18 -4.24	45.18 2.79 -9.94	45.19 2.85 -10.30	28.95 2.15 0.00	23.27 1.78 0.00	21.29 1.54 0.00	20.91 1.58 -0.01	20.80 1.41 0.00	20.54 1.45 0.00	20.43 1.44 0.00	20.45 1.65 -0.01	24.02 1.85 -2.54	28.22 2.32 -3.13	33.16 2.39 -4.53	44.16 3.13 -9.69	44.56 3.28 -10.67	40.25 2.48 -9.22	32.50 2.30 -7.84	29.50 2.03 -7.13
PORT_JEFF_IC 23713	25.72 2.01 -1.08	24.80 1.73 -2.21	26.26 1.65 -4.52	23.22 1.70 -1.52	24.24 1.78 -1.48	31.21 2.15 -4.34	45.63 2.79 -10.38	45.57 2.79 -10.74	28.87 2.06 0.00	23.29 1.81 0.00	21.31 1.56 0.00	20.92 1.60 -0.01	20.82 1.43 0.00	20.56 1.47 0.00	20.48 1.50 0.00	20.49 1.69 -0.01	24.15 1.87 -2.64	28.37 2.34 -3.26	33.44 2.47 -4.73	44.61 3.17 -10.10	45.04 3.31 -11.12	40.68 2.51 -9.62	32.67 2.24 -8.08	29.89 2.11 -7.44



PPL PILGRIM_ST_GT1 24216	25.68 1.97 -1.09	24.76 1.69 -2.22	26.17 1.55 -4.52	23.09 1.56 -1.52	24.21 1.74 -1.49	28.92 2.08 -2.12	36.26 2.69 -1.11	35.84 2.76 -1.04	28.92 2.12 0.00	23.23 1.74 0.00	21.25 1.50 0.00	20.87 1.55 -0.01	20.79 1.40 0.00	20.53 1.43 0.00	20.41 1.42 0.00	20.39 1.60 -0.01	21.68 1.75 -0.29	25.35 2.23 -0.36	29.01 2.26 -0.51	35.34 3.04 -0.96	34.86 3.18 -1.07	31.86 2.40 -0.92	27.56 2.21 -2.98	23.09 1.95 -0.80
PPL PILGRIM_ST_GT2 24217	25.68 1.97 -1.09	24.76 1.69 -2.22	26.17 1.55 -4.52	23.09 1.56 -1.52	24.21 1.74 -1.49	28.92 2.08 -2.12	36.26 2.69 -1.11	35.84 2.76 -1.04	28.92 2.12 0.00	23.23 1.74 0.00	21.25 1.50 0.00	20.87 1.55 -0.01	20.79 1.40 0.00	20.53 1.43 0.00	20.41 1.42 0.00	20.39 1.60 -0.01	21.68 1.75 -0.29	25.35 2.23 -0.36	29.01 2.26 -0.51	35.34 3.04 -0.96	34.86 3.18 -1.07	31.86 2.40 -0.92	27.56 2.21 -2.98	23.09 1.95 -0.80
PPL_SHRM_GT3 24213	25.61 1.90 -1.09	24.68 1.61 -2.22	26.09 1.47 -4.52	23.07 1.54 -1.52	24.27 1.80 -1.49	31.07 2.15 -4.20	45.16 2.92 -9.78	45.15 2.98 -10.13	28.84 2.04 0.00	23.21 1.72 0.00	21.17 1.42 0.00	20.79 1.47 -0.01	20.65 1.26 0.00	20.39 1.30 0.00	20.28 1.29 0.00	20.39 1.60 -0.01	23.90 1.77 -2.50	28.17 2.32 -3.08	33.03 2.33 -4.46	44.00 3.13 -9.53	44.38 3.28 -10.50	40.13 2.51 -9.07	32.42 2.30 -7.75	29.38 2.03 -7.02
PPL_SHRM_GT4 24214	25.61 1.90 -1.09	24.68 1.61 -2.22	26.09 1.47 -4.52	23.07 1.54 -1.52	24.27 1.80 -1.49	31.07 2.15 -4.20	45.16 2.92 -9.78	45.15 2.98 -10.13	28.84 2.04 0.00	23.21 1.72 0.00	21.17 1.42 0.00	20.79 1.47 -0.01	20.65 1.26 0.00	20.39 1.30 0.00	20.28 1.29 0.00	20.39 1.60 -0.01	23.90 1.77 -2.50	28.17 2.32 -3.08	33.03 2.33 -4.46	44.00 3.13 -9.53	44.38 3.28 -10.50	40.13 2.51 -9.07	32.42 2.30 -7.75	29.38 2.03 -7.02
PROJECT___ORANGE 1 24174	22.60 -0.02 0.00	20.81 -0.04 0.00	20.02 -0.08 0.00	19.93 -0.08 0.00	20.92 -0.06 0.00	24.64 -0.07 0.00	32.49 0.03 0.00	32.17 0.13 0.00	26.78 -0.03 0.00	21.49 0.00 0.00	19.77 0.02 0.00	19.33 0.02 0.00	19.41 0.02 0.00	19.11 0.02 0.00	18.95 -0.04 0.00	18.73 -0.06 0.00	19.58 -0.06 0.00	22.61 -0.16 0.00	26.09 -0.16 0.00	31.25 -0.09 0.00	30.55 -0.06 0.00	28.35 -0.20 0.00	22.22 -0.13 0.00	20.19 -0.14 0.00
PROJECT___ORANGE 2 24166	22.60 -0.02 0.00	20.81 -0.04 0.00	20.02 -0.08 0.00	19.93 -0.08 0.00	20.92 -0.06 0.00	24.64 -0.07 0.00	32.49 0.03 0.00	32.17 0.13 0.00	26.78 -0.03 0.00	21.49 0.00 0.00	19.77 0.02 0.00	19.33 0.02 0.00	19.41 0.02 0.00	19.11 0.02 0.00	18.95 -0.04 0.00	18.73 -0.06 0.00	19.58 -0.06 0.00	22.61 -0.16 0.00	26.09 -0.16 0.00	31.25 -0.09 0.00	30.55 -0.06 0.00	28.35 -0.20 0.00	22.22 -0.13 0.00	20.19 -0.14 0.00
PUCKETT___SOLAR 323809	23.60 0.97 0.00	21.71 0.86 0.00	20.92 0.82 0.00	20.85 0.84 0.00	21.82 0.84 0.00	25.78 1.06 0.00	34.20 1.75 0.00	33.74 1.70 0.00	27.74 0.94 0.00	22.13 0.64 0.00	20.22 0.47 0.00	19.73 0.42 0.00	19.85 0.46 0.00	19.55 0.46 0.00	19.40 0.42 0.00	19.17 0.38 0.00	20.07 0.43 0.00	23.34 0.57 0.00	27.03 0.79 0.00	32.56 1.22 0.00	31.80 1.19 0.00	29.49 0.94 0.00	23.12 0.76 0.00	20.98 0.65 0.00
PYRITES___HYD 24023	22.24 -0.38 0.00	20.58 -0.27 0.00	19.86 -0.24 0.00	19.77 -0.24 0.00	20.75 -0.23 0.00	24.50 -0.22 0.00	31.90 -0.55 0.00	31.43 -0.61 0.00	26.40 -0.40 0.00	21.10 -0.39 0.00	19.30 -0.45 0.00	18.83 -0.48 0.00	18.96 -0.43 0.00	18.61 -0.48 0.00	18.55 -0.44 0.00	18.32 -0.47 0.00	19.15 -0.49 0.00	22.27 -0.50 0.00	25.74 -0.50 0.00	30.46 -0.88 0.00	29.78 -0.83 0.00	28.01 -0.54 0.00	21.98 -0.38 0.00	19.88 -0.45 0.00
QUAKERRD_115KV_BK1 80622	22.28 -0.34 0.00	20.42 -0.44 0.00	19.46 -0.64 0.00	19.31 -0.70 0.00	20.37 -0.61 0.00	23.98 -0.74 0.00	31.38 -1.07 0.00	31.56 -0.48 0.00	26.19 -0.62 0.00	21.04 -0.45 0.00	19.34 -0.41 0.00	18.88 -0.42 0.00	19.06 -0.33 0.00	18.73 -0.36 0.00	18.45 -0.53 0.00	18.15 -0.64 0.00	18.99 -0.65 0.00	21.88 -0.89 0.00	25.17 -1.08 0.00	30.09 -1.25 0.00	29.50 -1.10 0.00	27.24 -1.31 0.00	21.40 -0.96 0.00	19.40 -0.94 0.00
QUENSRY_115KV_TB8 356137	23.26 0.63 0.00	21.48 0.63 0.00	20.66 0.56 0.00	20.59 0.58 0.00	21.55 0.57 0.00	25.44 0.72 0.00	33.75 1.30 0.00	33.00 0.96 0.00	27.34 0.54 0.00	21.70 0.21 0.00	19.89 0.14 0.00	19.41 0.10 0.00	19.52 0.14 0.00	19.09 0.00 0.00	19.08 0.09 0.00	18.92 0.13 0.00	19.80 0.16 0.00	23.15 0.39 0.00	26.93 0.68 0.00	32.66 1.32 0.00	31.98 1.38 0.00	29.55 1.00 0.00	23.01 0.65 0.00	20.88 0.55 0.00
RAMAPO___LBMP 323565	23.64 1.02 0.00	21.71 0.86 0.00	20.94 0.84 0.00	20.87 0.86 0.00	21.88 0.90 0.00	25.83 1.11 0.00	34.30 1.85 0.00	33.97 1.92 0.00	28.17 1.37 0.00	22.56 1.07 0.00	20.70 0.95 0.00	20.24 0.93 0.00	20.26 0.87 0.00	20.03 0.94 0.00	19.93 0.95 0.00	19.79 1.00 0.00	20.68 1.04 0.00	24.11 1.34 0.00	27.82 1.57 0.00	33.63 2.29 0.00	32.84 2.23 0.00	30.32 1.77 0.00	23.66 1.30 0.00	21.55 1.22 0.00
RANKINE____ 23646	23.30 0.68 0.00	21.31 0.46 0.00	20.22 0.12 0.00	20.03 0.02 0.00	21.21 0.23 0.00	24.97 0.25 0.00	32.49 0.03 0.00	32.81 0.77 0.00	27.10 0.29 0.00	21.83 0.34 0.00	20.13 0.38 0.00	19.62 0.31 0.00	19.85 0.47 0.00	19.53 0.44 0.00	19.21 0.23 0.00	18.83 0.04 0.00	19.70 0.06 0.00	22.61 -0.16 0.00	25.82 -0.42 0.00	30.84 -0.50 0.00	30.15 -0.46 0.00	27.81 -0.74 0.00	21.98 -0.38 0.00	19.93 -0.41 0.00
RAVENSWOOD_GT2_1 24244	24.00 1.38 0.00	22.00 1.15 0.00	21.25 1.15 0.00	21.15 1.14 0.00	22.15 1.17 0.00	26.13 1.41 0.00	34.82 2.37 0.00	34.41 2.37 0.00	28.57 1.77 0.00	22.95 1.46 0.00	21.05 1.30 0.00	21.16 1.31 -0.54	20.63 1.24 0.00	20.42 1.30 -0.03	20.32 1.31 -0.03	20.40 1.35 -0.25	21.03 1.39 0.00	24.54 1.78 0.00	28.26 2.02 0.00	34.22 2.88 0.00	33.42 2.82 0.00	30.78 2.23 0.00	23.95 1.59 0.00	21.86 1.52 0.00
RAVENSWOOD_GT2_2 24245	24.00 1.38 0.00	22.00 1.15 0.00	21.25 1.15 0.00	21.15 1.14 0.00	22.15 1.17 0.00	26.13 1.41 0.00	34.82 2.37 0.00	34.41 2.37 0.00	28.57 1.77 0.00	22.95 1.46 0.00	21.05 1.30 0.00	21.16 1.31 -0.54	20.63 1.24 0.00	20.42 1.30 -0.03	20.32 1.31 -0.03	20.40 1.35 -0.25	21.03 1.39 0.00	24.54 1.78 0.00	28.26 2.02 0.00	34.22 2.88 0.00	33.42 2.82 0.00	30.78 2.23 0.00	23.95 1.59 0.00	21.86 1.52 0.00
RAVENSWOOD_GT2_3 24246	24.03 1.40 0.00	22.02 1.17 0.00	21.25 1.15 0.00	21.15 1.14 0.00	22.15 1.17 0.00	26.13 1.41 0.00	34.82 2.37 0.00	34.45 2.40 0.00	28.57 1.77 0.00	22.95 1.46 0.00	21.05 1.30 0.00	21.16 1.31 -0.54	20.63 1.24 0.00	20.42 1.30 -0.03	20.32 1.31 -0.03	20.40 1.35 -0.25	21.05 1.41 0.00	24.54 1.78 0.00	28.29 2.05 0.00	34.22 2.88 0.00	33.42 2.82 0.00	30.78 2.23 0.00	23.95 1.59 0.00	21.86 1.52 0.00



RAVENSWOOD_GT2_4 24247	24.03 1.40 0.00	22.02 1.17 0.00	21.25 1.15 0.00	21.15 1.14 0.00	22.15 1.17 0.00	26.13 1.41 0.00	34.82 2.37 0.00	34.45 2.40 0.00	28.57 1.77 0.00	22.95 1.46 0.00	21.05 1.30 0.00	21.16 1.31 -0.54	20.63 1.24 0.00	20.42 1.30 -0.03	20.32 1.31 -0.03	20.40 1.35 -0.25	21.05 1.41 0.00	24.54 1.78 0.00	28.29 2.05 0.00	34.22 2.88 0.00	33.42 2.82 0.00	30.78 2.23 0.00	23.95 1.59 0.00	21.86 1.52 0.00
RAVENSWOOD_GT3_1 24248	24.00 1.38 0.00	22.00 1.15 0.00	21.25 1.15 0.00	21.15 1.14 0.00	22.15 1.17 0.00	26.13 1.41 0.00	34.82 2.37 0.00	34.45 2.40 0.00	28.57 1.77 0.00	22.95 1.46 0.00	21.05 1.30 0.00	21.16 1.31 -0.54	20.63 1.24 0.00	20.42 1.30 -0.03	20.32 1.31 -0.03	20.40 1.35 -0.25	21.05 1.41 0.00	24.54 1.78 0.00	28.26 2.02 0.00	34.22 2.88 0.00	33.42 2.82 0.00	30.78 2.23 0.00	23.95 1.59 0.00	21.86 1.52 0.00
RAVENSWOOD_GT3_2 24249	24.00 1.38 0.00	22.00 1.15 0.00	21.25 1.15 0.00	21.15 1.14 0.00	22.15 1.17 0.00	26.13 1.41 0.00	34.82 2.37 0.00	34.45 2.40 0.00	28.57 1.77 0.00	22.95 1.46 0.00	21.05 1.30 0.00	21.16 1.31 -0.54	20.63 1.24 0.00	20.42 1.30 -0.03	20.32 1.31 -0.03	20.40 1.35 -0.25	21.05 1.41 0.00	24.54 1.78 0.00	28.26 2.02 0.00	34.22 2.88 0.00	33.42 2.82 0.00	30.78 2.23 0.00	23.95 1.59 0.00	21.86 1.52 0.00
RAVENSWOOD_GT3_3 24250	24.05 1.43 0.00	22.04 1.19 0.00	21.27 1.17 0.00	21.19 1.18 0.00	22.17 1.20 0.00	26.15 1.43 0.00	34.89 2.43 0.00	34.48 2.44 0.00	28.63 1.82 0.00	22.99 1.50 0.00	21.07 1.32 0.00	21.20 1.35 -0.54	20.67 1.28 0.00	20.44 1.32 -0.03	20.36 1.35 -0.03	20.44 1.39 -0.25	21.07 1.43 0.00	24.56 1.80 0.00	28.32 2.07 0.00	34.25 2.91 0.00	33.45 2.85 0.00	30.80 2.26 0.00	23.97 1.61 0.00	21.88 1.55 0.00
RAVENSWOOD_GT3_4 24251	24.05 1.43 0.00	22.04 1.19 0.00	21.27 1.17 0.00	21.19 1.18 0.00	22.17 1.20 0.00	26.15 1.43 0.00	34.89 2.43 0.00	34.48 2.44 0.00	28.63 1.82 0.00	22.99 1.50 0.00	21.07 1.32 0.00	21.20 1.35 -0.54	20.67 1.28 0.00	20.44 1.32 -0.03	20.36 1.35 -0.03	20.44 1.39 -0.25	21.07 1.43 0.00	24.56 1.80 0.00	28.32 2.07 0.00	34.25 2.91 0.00	33.45 2.85 0.00	30.80 2.26 0.00	23.97 1.61 0.00	21.88 1.55 0.00
RAVENSWOOD_GT_1 23729	24.15 1.52 -0.01	22.13 1.27 -0.01	21.35 1.25 -0.01	21.27 1.26 -0.01	22.27 1.28 -0.01	26.23 1.51 0.00	34.95 2.50 0.00	34.54 2.50 0.00	28.68 1.88 0.00	23.06 1.57 0.00	21.15 1.40 0.00	21.22 1.37 -0.54	20.73 1.34 0.00	20.52 1.39 -0.03	20.42 1.40 -0.03	20.45 1.41 -0.25	21.15 1.51 0.00	24.66 1.89 0.00	28.40 2.15 0.00	34.35 3.01 0.00	33.54 2.94 0.00	30.89 2.34 0.00	24.06 1.70 0.00	21.99 1.65 -0.01
RAVENSWOOD_GT_10 24258	24.00 1.38 0.00	22.00 1.15 0.00	21.23 1.13 0.00	21.15 1.14 0.00	22.15 1.17 0.00	26.13 1.41 0.00	34.82 2.37 0.00	34.41 2.37 0.00	28.57 1.77 0.00	22.95 1.46 0.00	21.03 1.28 0.00	21.16 1.31 -0.54	20.63 1.24 0.00	20.40 1.28 -0.03	20.32 1.31 -0.03	20.40 1.35 -0.25	21.03 1.39 0.00	24.52 1.75 0.00	28.26 2.02 0.00	34.22 2.88 0.00	33.42 2.82 0.00	30.78 2.23 0.00	23.95 1.59 0.00	21.86 1.52 0.00
RAVENSWOOD_GT_11 24259	24.00 1.38 0.00	22.00 1.15 0.00	21.23 1.13 0.00	21.15 1.14 0.00	22.15 1.17 0.00	26.13 1.41 0.00	34.82 2.37 0.00	34.41 2.37 0.00	28.57 1.77 0.00	22.95 1.46 0.00	21.03 1.28 0.00	21.16 1.31 -0.54	20.63 1.24 0.00	20.40 1.28 -0.03	20.32 1.31 -0.03	20.40 1.35 -0.25	21.03 1.39 0.00	24.52 1.75 0.00	28.26 2.02 0.00	34.22 2.88 0.00	33.42 2.82 0.00	30.78 2.23 0.00	23.95 1.59 0.00	21.86 1.52 0.00
RAVENSWOOD_GT_4 24252	23.99 1.36 -0.01	21.99 1.13 -0.01	21.21 1.11 -0.01	21.13 1.12 -0.01	22.12 1.13 -0.01	26.10 1.38 0.00	34.79 2.34 0.00	34.41 2.37 0.00	28.55 1.74 0.00	22.93 1.44 0.00	21.01 1.26 0.00	21.15 1.29 -0.54	20.61 1.22 0.00	20.38 1.26 -0.03	20.30 1.29 -0.03	20.38 1.33 -0.25	21.01 1.37 0.00	24.50 1.73 0.00	28.24 1.99 0.00	34.19 2.85 0.00	33.39 2.79 0.00	30.75 2.20 0.00	23.92 1.57 0.00	21.84 1.50 -0.01
RAVENSWOOD_GT_5 24254	23.99 1.36 -0.01	21.99 1.13 -0.01	21.21 1.11 -0.01	21.13 1.12 -0.01	22.12 1.13 -0.01	26.10 1.38 0.00	34.79 2.34 0.00	34.41 2.37 0.00	28.55 1.74 0.00	22.93 1.44 0.00	21.01 1.26 0.00	21.15 1.29 -0.54	20.61 1.22 0.00	20.38 1.26 -0.03	20.30 1.29 -0.03	20.38 1.33 -0.25	21.01 1.37 0.00	24.50 1.73 0.00	28.24 1.99 0.00	34.19 2.85 0.00	33.39 2.79 0.00	30.75 2.20 0.00	23.92 1.57 0.00	21.84 1.50 -0.01
RAVENSWOOD_GT_6 24253	23.99 1.36 -0.01	21.99 1.13 -0.01	21.21 1.11 -0.01	21.13 1.12 -0.01	22.12 1.13 -0.01	26.10 1.38 0.00	34.79 2.34 0.00	34.41 2.37 0.00	28.55 1.74 0.00	22.93 1.44 0.00	21.01 1.26 0.00	21.15 1.29 -0.54	20.61 1.22 0.00	20.38 1.26 -0.03	20.30 1.29 -0.03	20.38 1.33 -0.25	21.01 1.37 0.00	24.50 1.73 0.00	28.24 1.99 0.00	34.19 2.85 0.00	33.39 2.79 0.00	30.75 2.20 0.00	23.92 1.57 0.00	21.84 1.50 -0.01
RAVENSWOOD_GT_7 24255	23.99 1.36 -0.01	21.99 1.13 -0.01	21.21 1.11 -0.01	21.13 1.12 -0.01	22.12 1.13 -0.01	26.10 1.38 0.00	34.79 2.34 0.00	34.41 2.37 0.00	28.55 1.74 0.00	22.93 1.44 0.00	21.01 1.26 0.00	21.15 1.29 -0.54	20.61 1.22 0.00	20.38 1.26 -0.03	20.30 1.29 -0.03	20.38 1.33 -0.25	21.01 1.37 0.00	24.50 1.73 0.00	28.24 1.99 0.00	34.19 2.85 0.00	33.39 2.79 0.00	30.75 2.20 0.00	23.92 1.57 0.00	21.84 1.50 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	24.00 1.38 0.00	22.00 1.15 0.00	21.23 1.13 0.00	21.15 1.14 0.00	22.15 1.17 0.00	26.13 1.41 0.00	34.82 2.37 0.00	34.41 2.37 0.00	28.57 1.77 0.00	22.95 1.46 0.00	21.03 1.28 0.00	21.16 1.31 -0.54	20.63 1.24 0.00	20.40 1.28 -0.03	20.32 1.31 -0.03	20.40 1.35 -0.25	21.03 1.39 0.00	24.52 1.75 0.00	28.26 2.02 0.00	34.22 2.88 0.00	33.42 2.82 0.00	30.78 2.23 0.00	23.95 1.59 0.00	21.86 1.52 0.00
RAVENSWOOD_GT_9 24257	24.00 1.38 0.00	22.00 1.15 0.00	21.23 1.13 0.00	21.15 1.14 0.00	22.15 1.17 0.00	26.13 1.41 0.00	34.82 2.37 0.00	34.41 2.37 0.00	28.57 1.77 0.00	22.95 1.46 0.00	21.03 1.28 0.00	21.16 1.31 -0.54	20.63 1.24 0.00	20.40 1.28 -0.03	20.32 1.31 -0.03	20.40 1.35 -0.25	21.03 1.39 0.00	24.52 1.75 0.00	28.26 2.02 0.00	34.22 2.88 0.00	33.42 2.82 0.00	30.78 2.23 0.00	23.95 1.59 0.00	21.86 1.52 0.00
RAVENSWOOD___1 23533	24.17 1.54 -0.01	22.16 1.29 -0.01	21.27 1.17 -0.01	21.17 1.16 -0.01	22.27 1.28 -0.01	26.25 1.53 0.00	35.05 2.60 0.00	34.70 2.66 0.00	28.68 1.88 0.00	23.06 1.57 0.00	21.15 1.40 0.00	21.22 1.37 -0.54	20.73 1.34 0.00	20.52 1.39 -0.03	20.42 1.40 -0.03	20.46 1.41 -0.25	21.15 1.51 0.00	24.65 1.89 0.00	28.40 2.15 0.00	34.35 3.01 0.00	33.54 2.94 0.00	30.86 2.31 0.00	24.15 1.79 0.00	21.97 1.63 -0.01



RAVENSWOOD___2 23534	24.17 1.54 -0.01	22.16 1.29 -0.01	21.27 1.17 -0.01	21.17 1.16 -0.01	22.27 1.28 -0.01	26.25 1.53 0.00	35.05 2.60 0.00	34.70 2.66 0.00	28.68 1.88 0.00	23.06 1.57 0.00	21.15 1.40 0.00	21.22 1.37 -0.54	20.73 1.34 0.00	20.52 1.39 -0.03	20.42 1.40 -0.03	20.46 1.41 -0.25	21.15 1.51 0.00	24.65 1.89 0.00	28.40 2.15 0.00	34.35 3.01 0.00	33.54 2.94 0.00	30.86 2.31 0.00	24.15 1.79 0.00	21.97 1.63 -0.01
RAVENSWOOD___3 23535	24.03 1.40 0.00	22.02 1.17 0.00	21.16 1.06 0.00	21.05 1.04 0.00	22.15 1.17 0.00	26.15 1.43 0.00	34.92 2.47 0.00	34.57 2.53 0.00	28.60 1.80 0.00	22.95 1.46 0.00	21.05 1.30 0.00	21.17 1.31 -0.54	20.63 1.24 0.00	20.42 1.30 -0.03	20.33 1.31 -0.03	20.40 1.35 -0.25	21.05 1.41 0.00	24.54 1.78 0.00	28.26 2.02 0.00	34.19 2.85 0.00	33.42 2.81 0.00	30.75 2.20 0.00	24.04 1.68 0.00	21.84 1.50 0.00
RAVENSWOOD___4 23820	24.17 1.54 -0.01	22.16 1.29 -0.01	21.27 1.17 -0.01	21.17 1.16 -0.01	22.27 1.28 -0.01	26.25 1.53 0.00	35.05 2.60 0.00	34.70 2.66 0.00	28.68 1.88 0.00	23.06 1.57 0.00	21.15 1.40 0.00	21.22 1.37 -0.54	20.73 1.34 0.00	20.52 1.39 -0.03	20.42 1.40 -0.03	20.46 1.41 -0.25	21.15 1.51 0.00	24.65 1.89 0.00	28.40 2.15 0.00	34.35 3.01 0.00	33.54 2.94 0.00	30.86 2.31 0.00	24.15 1.79 0.00	21.97 1.63 -0.01
RCPI_TRUST___DRP 24196	24.05 1.43 0.00	22.04 1.19 0.00	21.27 1.17 0.00	21.19 1.18 0.00	22.17 1.20 0.00	26.18 1.46 0.00	34.92 2.47 0.00	34.51 2.47 0.00	28.63 1.82 0.00	23.01 1.53 0.00	21.09 1.34 0.00	21.11 1.39 -0.41	20.67 1.28 0.00	20.45 1.34 -0.02	20.39 1.39 -0.02	20.41 1.43 -0.19	21.09 1.45 0.00	24.59 1.82 0.00	28.34 2.10 0.00	34.29 2.95 0.00	33.48 2.88 0.00	30.83 2.28 0.00	23.97 1.61 0.00	21.88 1.55 0.00
RED___ROCHESTER 323720	22.96 0.34 0.00	21.04 0.19 0.00	20.40 0.30 0.00	20.33 0.32 0.00	20.98 0.00 0.00	24.77 0.05 0.00	32.71 0.26 0.00	32.52 0.48 0.00	26.94 0.13 0.00	21.66 0.17 0.00	19.93 0.18 0.00	19.46 0.15 0.00	19.66 0.27 0.00	19.30 0.21 0.00	18.98 0.00 0.00	18.66 -0.13 0.00	19.54 -0.10 0.00	22.49 -0.27 0.00	25.88 -0.37 0.00	30.90 -0.44 0.00	30.33 -0.28 0.00	27.95 -0.60 0.00	21.98 -0.38 0.00	20.01 -0.33 0.00
REGAN___SOLAR 323812	25.41 2.78 0.00	23.63 2.77 0.00	22.63 2.53 0.00	22.57 2.56 0.00	23.64 2.66 0.00	27.88 3.16 0.00	37.32 4.87 0.00	36.01 3.97 0.00	29.57 2.76 0.00	23.25 1.76 0.00	21.17 1.42 0.00	20.72 1.41 0.00	20.92 1.53 0.00	20.37 1.28 0.00	20.37 1.39 0.00	20.27 1.48 0.00	21.25 1.61 0.00	25.02 2.25 0.00	29.26 3.02 0.00	35.57 4.23 0.00	35.04 4.44 0.00	32.35 3.80 0.00	25.13 2.77 0.00	22.61 2.28 0.00
RENSSELAER___COGEN 23796	22.58 -0.05 0.00	20.87 0.02 0.00	20.12 0.02 0.00	20.01 0.00 0.00	21.00 0.02 0.00	24.69 -0.02 0.00	32.65 0.20 0.00	32.14 0.10 0.00	26.64 -0.16 0.00	21.36 -0.13 0.00	19.65 -0.10 0.00	19.27 -0.04 0.00	19.31 -0.08 0.00	19.00 -0.09 0.00	18.95 -0.04 0.00	18.77 -0.02 0.00	19.64 0.00 0.00	22.86 0.09 0.00	26.35 0.11 0.00	31.78 0.44 0.00	31.03 0.43 0.00	28.75 0.20 0.00	22.56 0.20 0.00	20.54 0.20 0.00
REPUBLIC_115KV_BARTNBRK 55605	24.05 1.43 0.00	22.21 1.36 0.00	21.31 1.21 0.00	21.23 1.22 0.00	22.22 1.24 0.00	26.23 1.51 0.00	34.95 2.50 0.00	33.93 1.89 0.00	28.06 1.26 0.00	22.18 0.69 0.00	20.22 0.47 0.00	19.73 0.42 0.00	19.89 0.50 0.00	19.30 0.21 0.00	19.36 0.38 0.00	19.22 0.43 0.00	20.09 0.45 0.00	23.61 0.84 0.00	27.61 1.36 0.00	33.66 2.32 0.00	33.05 2.45 0.00	30.43 1.88 0.00	23.66 1.30 0.00	21.41 1.08 0.00
REVERE_CPPR_DRP 24186	23.69 1.06 0.00	21.83 0.98 0.00	21.02 0.92 0.00	20.93 0.92 0.00	21.97 0.99 0.00	25.90 1.19 0.00	34.34 1.88 0.00	33.84 1.79 0.00	27.93 1.13 0.00	22.26 0.77 0.00	20.36 0.61 0.00	19.81 0.50 0.00	19.97 0.58 0.00	19.68 0.59 0.00	19.57 0.59 0.00	19.34 0.54 0.00	20.19 0.55 0.00	23.40 0.64 0.00	27.08 0.84 0.00	32.62 1.28 0.00	31.95 1.35 0.00	29.66 1.11 0.00	23.21 0.85 0.00	20.96 0.63 0.00
REYNOLDS_115KV_TB3 80639	22.78 0.16 0.00	21.04 0.19 0.00	20.32 0.22 0.00	20.25 0.24 0.00	21.17 0.19 0.00	24.89 0.17 0.00	32.91 0.45 0.00	32.39 0.35 0.00	26.88 0.08 0.00	21.51 0.02 0.00	19.81 0.06 0.00	19.41 0.10 0.00	19.45 0.06 0.00	19.15 0.06 0.00	19.08 0.09 0.00	18.90 0.11 0.00	19.76 0.12 0.00	22.99 0.23 0.00	26.53 0.29 0.00	32.03 0.69 0.00	31.25 0.64 0.00	28.98 0.43 0.00	22.67 0.31 0.00	20.70 0.37 0.00
RIVERBAY____ 323610	24.26 1.63 -0.01	22.26 1.40 -0.01	21.49 1.39 -0.01	21.39 1.38 -0.01	22.41 1.43 -0.01	26.35 1.63 0.00	35.02 2.56 0.00	34.51 2.47 0.00	28.65 1.85 0.00	23.04 1.55 0.00	21.09 1.34 0.00	20.70 1.39 0.00	20.65 1.26 0.00	20.41 1.32 0.00	20.30 1.31 0.00	20.13 1.33 -0.01	21.05 1.41 0.00	24.56 1.80 0.00	28.32 2.07 0.00	34.25 2.91 0.00	33.45 2.85 0.00	30.80 2.26 0.00	24.08 1.72 0.00	22.03 1.69 -0.01
RIVERSDE_115KV_TB3 55908	22.60 -0.02 0.00	20.92 0.06 0.00	20.20 0.10 0.00	20.13 0.12 0.00	21.02 0.04 0.00	24.72 0.00 0.00	32.65 0.19 0.00	32.11 0.06 0.00	26.67 -0.13 0.00	21.38 -0.11 0.00	19.69 -0.06 0.00	19.29 -0.02 0.00	19.33 -0.06 0.00	19.02 -0.08 0.00	18.97 -0.02 0.00	18.79 0.00 0.00	19.66 0.02 0.00	22.88 0.11 0.00	26.37 0.13 0.00	31.81 0.47 0.00	31.07 0.46 0.00	28.81 0.26 0.00	22.56 0.20 0.00	20.58 0.24 0.00
ROARING___BROOK_WT_PWR 323790	22.49 -0.13 0.00	20.75 -0.10 0.00	20.00 -0.10 0.00	19.91 -0.10 0.00	20.87 -0.10 0.00	24.60 -0.12 0.00	32.10 -0.36 0.00	31.69 -0.35 0.00	26.67 -0.13 0.00	21.38 -0.11 0.00	19.65 -0.10 0.00	19.21 -0.10 0.00	19.29 -0.10 0.00	19.00 -0.09 0.00	18.89 -0.09 0.00	18.70 -0.09 0.00	19.54 -0.10 0.00	22.65 -0.11 0.00	26.11 -0.13 0.00	31.03 -0.31 0.00	30.24 -0.37 0.00	28.15 -0.40 0.00	21.89 -0.47 0.00	19.82 -0.51 0.00
ROCHESRG_115KV_T4 355643	22.78 0.16 0.00	20.87 0.02 0.00	19.86 -0.24 0.00	19.69 -0.32 0.00	20.79 -0.19 0.00	24.47 -0.25 0.00	31.97 -0.49 0.00	32.17 0.13 0.00	26.70 -0.11 0.00	21.47 -0.02 0.00	19.75 0.00 0.00	19.27 -0.04 0.00	19.47 0.08 0.00	19.13 0.04 0.00	18.83 -0.15 0.00	18.51 -0.28 0.00	19.36 -0.27 0.00	22.31 -0.46 0.00	25.61 -0.63 0.00	30.62 -0.72 0.00	30.02 -0.58 0.00	27.69 -0.86 0.00	21.80 -0.56 0.00	19.76 -0.57 0.00
ROCHESTER_9_IC 23652	22.89 0.27 0.00	20.96 0.10 0.00	19.96 -0.14 0.00	19.79 -0.22 0.00	20.90 -0.08 0.00	24.59 -0.12 0.00	32.16 -0.29 0.00	32.39 0.35 0.00	26.86 0.05 0.00	21.57 0.09 0.00	19.85 0.10 0.00	19.39 0.08 0.00	19.58 0.19 0.00	19.23 0.13 0.00	18.93 -0.06 0.00	18.60 -0.19 0.00	19.46 -0.18 0.00	22.42 -0.34 0.00	25.74 -0.50 0.00	30.78 -0.56 0.00	30.18 -0.43 0.00	27.83 -0.71 0.00	21.89 -0.47 0.00	19.84 -0.49 0.00



ROCKVIEW_13_KV_LD 356306	23.91 1.29 0.00	21.94 1.08 0.00	21.17 1.07 0.00	21.09 1.08 0.00	22.09 1.11 0.00	26.08 1.36 0.00	34.73 2.27 0.00	34.35 2.31 0.00	28.52 1.72 0.00	22.86 1.38 0.00	20.95 1.20 0.00	20.54 1.24 0.00	20.55 1.16 0.00	20.31 1.22 0.00	20.22 1.23 0.00	20.07 1.28 0.00	20.96 1.32 0.00	24.45 1.68 0.00	28.19 1.94 0.00	34.10 2.76 0.00	33.30 2.69 0.00	30.69 2.14 0.00	23.90 1.54 0.00	21.80 1.46 0.00
ROME____115KV_TB2 80656	23.69 1.06 0.00	21.83 0.98 0.00	21.02 0.92 0.00	20.93 0.92 0.00	21.97 0.99 0.00	25.90 1.19 0.00	34.34 1.88 0.00	33.84 1.79 0.00	27.93 1.13 0.00	22.26 0.77 0.00	20.36 0.61 0.00	19.81 0.50 0.00	19.97 0.58 0.00	19.68 0.59 0.00	19.57 0.59 0.00	19.34 0.54 0.00	20.19 0.55 0.00	23.40 0.64 0.00	27.08 0.84 0.00	32.62 1.28 0.00	31.95 1.35 0.00	29.66 1.11 0.00	23.21 0.85 0.00	20.96 0.63 0.00
ROSETON___1 23587	23.57 0.95 0.00	21.67 0.81 0.00	20.84 0.74 0.00	20.75 0.74 0.00	21.82 0.84 0.00	25.76 1.04 0.00	34.30 1.85 0.00	33.93 1.89 0.00	28.04 1.23 0.00	22.43 0.94 0.00	20.58 0.83 0.00	20.14 0.83 0.00	20.17 0.78 0.00	19.91 0.82 0.00	19.84 0.86 0.00	19.67 0.88 0.00	20.56 0.92 0.00	23.99 1.23 0.00	27.66 1.42 0.00	33.44 2.10 0.00	32.66 2.05 0.00	30.17 1.63 0.00	23.59 1.23 0.00	21.43 1.10 0.00
ROSETON___2 23588	23.57 0.95 0.00	21.67 0.81 0.00	20.84 0.74 0.00	20.75 0.74 0.00	21.82 0.84 0.00	25.76 1.04 0.00	34.30 1.85 0.00	33.93 1.89 0.00	28.04 1.23 0.00	22.43 0.94 0.00	20.58 0.83 0.00	20.14 0.83 0.00	20.17 0.78 0.00	19.91 0.82 0.00	19.84 0.86 0.00	19.67 0.88 0.00	20.56 0.92 0.00	23.99 1.23 0.00	27.66 1.42 0.00	33.44 2.10 0.00	32.66 2.05 0.00	30.17 1.63 0.00	23.59 1.23 0.00	21.43 1.10 0.00
ROTTDAM_115KV_TB3 80664	23.10 0.48 0.00	21.29 0.44 0.00	20.52 0.42 0.00	20.43 0.42 0.00	21.42 0.44 0.00	25.24 0.52 0.00	33.36 0.91 0.00	32.81 0.77 0.00	27.29 0.48 0.00	21.79 0.30 0.00	20.03 0.28 0.00	19.58 0.27 0.00	19.64 0.25 0.00	19.32 0.23 0.00	19.25 0.27 0.00	19.09 0.30 0.00	19.95 0.31 0.00	23.22 0.46 0.00	26.82 0.58 0.00	32.31 0.97 0.00	31.59 0.98 0.00	29.29 0.74 0.00	22.87 0.51 0.00	20.82 0.49 0.00
RUSSELL___1 23602	22.96 0.34 0.00	21.04 0.19 0.00	20.02 -0.08 0.00	19.85 -0.16 0.00	20.96 -0.02 0.00	24.67 -0.05 0.00	32.26 -0.19 0.00	32.52 0.48 0.00	26.97 0.16 0.00	21.66 0.17 0.00	19.93 0.18 0.00	19.46 0.15 0.00	19.66 0.27 0.00	19.30 0.21 0.00	18.98 0.00 0.00	18.66 -0.13 0.00	19.54 -0.10 0.00	22.49 -0.27 0.00	25.85 -0.39 0.00	30.90 -0.44 0.00	30.33 -0.28 0.00	27.95 -0.60 0.00	21.98 -0.38 0.00	19.90 -0.43 0.00
RUSSELL___2 23532	22.96 0.34 0.00	21.04 0.19 0.00	20.02 -0.08 0.00	19.85 -0.16 0.00	20.96 -0.02 0.00	24.67 -0.05 0.00	32.26 -0.19 0.00	32.52 0.48 0.00	26.97 0.16 0.00	21.66 0.17 0.00	19.93 0.18 0.00	19.46 0.15 0.00	19.66 0.27 0.00	19.30 0.21 0.00	18.98 0.00 0.00	18.66 -0.13 0.00	19.54 -0.10 0.00	22.49 -0.27 0.00	25.85 -0.39 0.00	30.90 -0.44 0.00	30.33 -0.28 0.00	27.95 -0.60 0.00	21.98 -0.38 0.00	19.90 -0.43 0.00
RUSSELL___3 23549	22.96 0.34 0.00	21.04 0.19 0.00	20.02 -0.08 0.00	19.85 -0.16 0.00	20.96 -0.02 0.00	24.67 -0.05 0.00	32.26 -0.19 0.00	32.52 0.48 0.00	26.97 0.16 0.00	21.66 0.17 0.00	19.93 0.18 0.00	19.46 0.15 0.00	19.66 0.27 0.00	19.30 0.21 0.00	18.98 0.00 0.00	18.66 -0.13 0.00	19.54 -0.10 0.00	22.49 -0.27 0.00	25.85 -0.39 0.00	30.90 -0.44 0.00	30.33 -0.28 0.00	27.95 -0.60 0.00	21.98 -0.38 0.00	19.90 -0.43 0.00
RUSSELL___4 23556	22.96 0.34 0.00	21.04 0.19 0.00	20.02 -0.08 0.00	19.85 -0.16 0.00	20.96 -0.02 0.00	24.67 -0.05 0.00	32.26 -0.19 0.00	32.52 0.48 0.00	26.97 0.16 0.00	21.66 0.17 0.00	19.93 0.18 0.00	19.46 0.15 0.00	19.66 0.27 0.00	19.30 0.21 0.00	18.98 0.00 0.00	18.66 -0.13 0.00	19.54 -0.10 0.00	22.49 -0.27 0.00	25.85 -0.39 0.00	30.90 -0.44 0.00	30.33 -0.28 0.00	27.95 -0.60 0.00	21.98 -0.38 0.00	19.90 -0.43 0.00
RUSSELL___STATION 23914	22.96 0.34 0.00	21.04 0.19 0.00	20.02 -0.08 0.00	19.85 -0.16 0.00	20.96 -0.02 0.00	24.67 -0.05 0.00	32.26 -0.19 0.00	32.52 0.48 0.00	26.97 0.16 0.00	21.66 0.17 0.00	19.93 0.18 0.00	19.46 0.15 0.00	19.66 0.27 0.00	19.30 0.21 0.00	18.98 0.00 0.00	18.66 -0.13 0.00	19.54 -0.10 0.00	22.49 -0.27 0.00	25.85 -0.39 0.00	30.90 -0.44 0.00	30.33 -0.28 0.00	27.95 -0.60 0.00	21.98 -0.38 0.00	19.90 -0.43 0.00
S SALMON___HYD 24043	22.33 -0.29 0.00	20.58 -0.27 0.00	19.84 -0.26 0.00	19.77 -0.24 0.00	20.69 -0.29 0.00	24.42 -0.30 0.00	32.26 -0.19 0.00	31.85 -0.19 0.00	26.40 -0.40 0.00	21.19 -0.30 0.00	19.47 -0.28 0.00	19.00 -0.31 0.00	19.10 -0.29 0.00	18.79 -0.31 0.00	18.66 -0.32 0.00	18.45 -0.34 0.00	19.23 -0.41 0.00	22.24 -0.52 0.00	25.69 -0.55 0.00	30.87 -0.47 0.00	30.24 -0.37 0.00	28.09 -0.46 0.00	22.00 -0.36 0.00	19.94 -0.39 0.00
S.PERRY__115KV_TB1 80734	23.87 1.24 0.00	21.83 0.98 0.00	20.78 0.68 0.00	20.61 0.60 0.00	21.78 0.80 0.00	25.68 0.96 0.00	33.72 1.27 0.00	33.93 1.89 0.00	27.93 1.13 0.00	22.31 0.82 0.00	20.40 0.65 0.00	19.89 0.58 0.00	20.07 0.68 0.00	19.70 0.61 0.00	19.38 0.40 0.00	19.07 0.28 0.00	19.97 0.33 0.00	23.08 0.32 0.00	26.64 0.39 0.00	31.94 0.60 0.00	31.31 0.70 0.00	28.75 0.20 0.00	22.56 0.20 0.00	20.37 0.04 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.03 0.41 0.00	21.06 0.21 0.00	19.98 -0.12 0.00	19.79 -0.22 0.00	20.94 -0.04 0.00	24.59 -0.12 0.00	32.00 -0.45 0.00	32.27 0.22 0.00	26.70 -0.11 0.00	21.53 0.04 0.00	19.85 0.10 0.00	19.37 0.06 0.00	19.60 0.21 0.00	19.26 0.17 0.00	18.95 -0.04 0.00	18.56 -0.23 0.00	19.42 -0.22 0.00	22.29 -0.48 0.00	25.46 -0.79 0.00	30.37 -0.97 0.00	29.72 -0.89 0.00	27.41 -1.14 0.00	21.69 -0.67 0.00	19.68 -0.65 0.00
SAWYER___23_KV_LOAD 55526	23.03 0.41 0.00	21.06 0.21 0.00	19.98 -0.12 0.00	19.79 -0.22 0.00	20.94 -0.04 0.00	24.59 -0.12 0.00	32.00 -0.45 0.00	32.27 0.22 0.00	26.70 -0.11 0.00	21.53 0.04 0.00	19.85 0.10 0.00	19.37 0.06 0.00	19.60 0.21 0.00	19.26 0.17 0.00	18.95 -0.04 0.00	18.56 -0.23 0.00	19.42 -0.22 0.00	22.29 -0.48 0.00	25.46 -0.79 0.00	30.37 -0.97 0.00	29.72 -0.89 0.00	27.41 -1.14 0.00	21.69 -0.67 0.00	19.68 -0.65 0.00
SELKIRK___I 23801	22.92 0.29 0.00	21.17 0.31 0.00	20.38 0.28 0.00	20.29 0.28 0.00	21.27 0.29 0.00	25.04 0.32 0.00	33.07 0.62 0.00	32.49 0.45 0.00	26.88 0.08 0.00	21.47 -0.02 0.00	19.71 -0.04 0.00	19.27 -0.04 0.00	19.33 -0.06 0.00	19.02 -0.08 0.00	18.97 -0.02 0.00	18.81 0.02 0.00	19.72 0.08 0.00	22.95 0.18 0.00	26.53 0.29 0.00	32.00 0.66 0.00	31.25 0.64 0.00	29.00 0.46 0.00	22.74 0.38 0.00	20.68 0.35 0.00



SELKIRK___II 23799	22.78 0.16 0.00	21.04 0.19 0.00	20.26 0.16 0.00	20.17 0.16 0.00	21.17 0.19 0.00	24.89 0.17 0.00	32.94 0.49 0.00	32.43 0.39 0.00	26.91 0.11 0.00	21.53 0.04 0.00	19.81 0.06 0.00	19.39 0.08 0.00	19.45 0.06 0.00	19.15 0.06 0.00	19.08 0.10 0.00	18.90 0.11 0.00	19.78 0.14 0.00	22.99 0.23 0.00	26.53 0.29 0.00	31.97 0.63 0.00	31.22 0.61 0.00	28.95 0.40 0.00	22.69 0.34 0.00	20.64 0.31 0.00
SENECA OSWGO___HYD 24041	22.19 -0.43 0.00	20.44 -0.42 0.00	19.72 -0.38 0.00	19.63 -0.38 0.00	20.54 -0.44 0.00	24.22 -0.49 0.00	32.00 -0.45 0.00	31.59 -0.45 0.00	26.27 -0.54 0.00	21.10 -0.39 0.00	19.41 -0.34 0.00	18.98 -0.33 0.00	19.06 -0.33 0.00	18.77 -0.32 0.00	18.62 -0.36 0.00	18.41 -0.38 0.00	19.25 -0.39 0.00	22.20 -0.57 0.00	25.61 -0.63 0.00	30.68 -0.66 0.00	29.99 -0.61 0.00	27.86 -0.69 0.00	21.85 -0.51 0.00	19.84 -0.49 0.00
SENECA___115KV_TB3 355854	23.35 0.72 0.00	21.35 0.50 0.00	20.26 0.16 0.00	20.07 0.06 0.00	21.25 0.27 0.00	24.99 0.27 0.00	32.55 0.10 0.00	32.88 0.83 0.00	27.15 0.35 0.00	21.88 0.39 0.00	20.16 0.41 0.00	19.66 0.35 0.00	19.89 0.50 0.00	19.55 0.46 0.00	19.25 0.27 0.00	18.85 0.06 0.00	19.72 0.08 0.00	22.65 -0.11 0.00	25.85 -0.39 0.00	30.87 -0.47 0.00	30.21 -0.40 0.00	27.83 -0.71 0.00	22.00 -0.36 0.00	19.95 -0.39 0.00
SENECA___ENERGY 23797	23.21 0.59 0.00	21.29 0.44 0.00	20.58 0.48 0.00	20.51 0.50 0.00	21.36 0.38 0.00	25.24 0.52 0.00	33.49 1.04 0.00	33.10 1.06 0.00	27.42 0.62 0.00	21.94 0.45 0.00	20.14 0.39 0.00	19.66 0.35 0.00	19.80 0.41 0.00	19.45 0.36 0.00	19.19 0.21 0.00	18.92 0.13 0.00	19.76 0.12 0.00	22.83 0.07 0.00	26.35 0.11 0.00	31.56 0.22 0.00	30.88 0.27 0.00	28.55 0.00 0.00	22.43 0.07 0.00	20.33 0.00 0.00
SHOEMAKER___GT 23640	23.55 0.93 0.00	21.65 0.79 0.00	20.84 0.74 0.00	20.73 0.72 0.00	21.82 0.84 0.00	25.73 1.01 0.00	34.17 1.72 0.00	33.77 1.73 0.00	27.98 1.18 0.00	22.35 0.86 0.00	20.50 0.75 0.00	20.02 0.71 0.00	20.07 0.68 0.00	19.82 0.73 0.00	19.74 0.76 0.00	19.60 0.81 0.00	20.48 0.84 0.00	23.88 1.12 0.00	27.58 1.34 0.00	33.28 1.94 0.00	32.54 1.93 0.00	30.06 1.51 0.00	23.52 1.16 0.00	21.37 1.04 0.00
SHOEMAKR_138KV_BK 111 55601	23.55 0.93 0.00	21.65 0.79 0.00	20.88 0.78 0.00	20.79 0.78 0.00	21.80 0.82 0.00	25.71 0.99 0.00	34.11 1.66 0.00	33.71 1.67 0.00	27.98 1.18 0.00	22.37 0.88 0.00	20.52 0.77 0.00	20.04 0.73 0.00	20.09 0.70 0.00	19.84 0.74 0.00	19.76 0.78 0.00	19.60 0.81 0.00	20.48 0.84 0.00	23.90 1.14 0.00	27.58 1.34 0.00	33.28 1.94 0.00	32.53 1.93 0.00	30.06 1.51 0.00	23.48 1.12 0.00	21.39 1.06 0.00
SHOREHAM_IC_1 23715	25.61 1.90 -1.09	24.68 1.61 -2.22	26.09 1.47 -4.52	23.07 1.54 -1.52	24.27 1.80 -1.49	31.07 2.15 -4.20	45.16 2.92 -9.78	45.15 2.98 -10.13	28.84 2.04 0.00	23.21 1.72 0.00	21.17 1.42 0.00	20.79 1.47 -0.01	20.65 1.26 0.00	20.39 1.30 0.00	20.28 1.29 0.00	20.39 1.60 -0.01	23.90 1.77 -2.50	28.17 2.32 -3.08	33.03 2.33 -4.46	44.00 3.13 -9.53	44.38 3.28 -10.50	40.13 2.51 -9.07	32.42 2.30 -7.75	29.38 2.03 -7.02
SHOREHAM_IC_2 23716	25.61 1.90 -1.09	24.68 1.61 -2.22	26.09 1.47 -4.52	23.07 1.54 -1.52	24.27 1.80 -1.49	31.07 2.15 -4.20	45.16 2.92 -9.78	45.15 2.98 -10.13	28.84 2.04 0.00	23.21 1.72 0.00	21.17 1.42 0.00	20.79 1.47 -0.01	20.65 1.26 0.00	20.39 1.30 0.00	20.28 1.29 0.00	20.39 1.60 -0.01	23.90 1.77 -2.50	28.17 2.32 -3.08	33.03 2.33 -4.46	44.00 3.13 -9.53	44.38 3.28 -10.50	40.13 2.51 -9.07	32.42 2.30 -7.75	29.38 2.03 -7.02
SISSONVILLE____ 23735	21.76 -0.86 0.00	20.14 -0.71 0.00	19.44 -0.66 0.00	19.35 -0.66 0.00	20.31 -0.67 0.00	23.98 -0.74 0.00	31.22 -1.23 0.00	30.76 -1.28 0.00	25.92 -0.88 0.00	20.72 -0.77 0.00	18.98 -0.77 0.00	18.52 -0.79 0.00	18.65 -0.74 0.00	18.31 -0.78 0.00	18.22 -0.76 0.00	18.02 -0.77 0.00	18.83 -0.81 0.00	21.88 -0.89 0.00	25.27 -0.97 0.00	29.87 -1.47 0.00	29.17 -1.44 0.00	27.44 -1.11 0.00	21.53 -0.83 0.00	19.52 -0.81 0.00
SITHE_IND_GS1 24169	21.99 -0.63 0.00	20.27 -0.58 0.00	19.56 -0.54 0.00	19.47 -0.54 0.00	20.37 -0.61 0.00	24.00 -0.72 0.00	31.64 -0.81 0.00	31.27 -0.77 0.00	26.05 -0.75 0.00	20.95 -0.54 0.00	19.30 -0.45 0.00	18.87 -0.44 0.00	18.96 -0.43 0.00	18.65 -0.44 0.00	18.53 -0.46 0.00	18.32 -0.47 0.00	19.15 -0.49 0.00	22.06 -0.71 0.00	25.40 -0.84 0.00	30.43 -0.91 0.00	29.72 -0.89 0.00	27.63 -0.91 0.00	21.67 -0.69 0.00	19.70 -0.63 0.00
SITHE_IND_GS2 24170	21.99 -0.63 0.00	20.27 -0.58 0.00	19.56 -0.54 0.00	19.47 -0.54 0.00	20.37 -0.61 0.00	24.00 -0.72 0.00	31.64 -0.81 0.00	31.27 -0.77 0.00	26.05 -0.75 0.00	20.95 -0.54 0.00	19.30 -0.45 0.00	18.87 -0.44 0.00	18.96 -0.43 0.00	18.65 -0.44 0.00	18.53 -0.46 0.00	18.32 -0.47 0.00	19.15 -0.49 0.00	22.06 -0.71 0.00	25.40 -0.84 0.00	30.43 -0.91 0.00	29.72 -0.89 0.00	27.63 -0.91 0.00	21.67 -0.69 0.00	19.70 -0.63 0.00
SITHE_IND_GS3 24171	21.99 -0.63 0.00	20.27 -0.58 0.00	19.56 -0.54 0.00	19.47 -0.54 0.00	20.37 -0.61 0.00	24.00 -0.72 0.00	31.64 -0.81 0.00	31.27 -0.77 0.00	26.05 -0.75 0.00	20.95 -0.54 0.00	19.30 -0.45 0.00	18.87 -0.44 0.00	18.96 -0.43 0.00	18.65 -0.44 0.00	18.53 -0.46 0.00	18.32 -0.47 0.00	19.15 -0.49 0.00	22.06 -0.71 0.00	25.40 -0.84 0.00	30.43 -0.91 0.00	29.72 -0.89 0.00	27.63 -0.91 0.00	21.67 -0.69 0.00	19.70 -0.63 0.00
SITHE_IND_GS4 24172	21.99 -0.63 0.00	20.27 -0.58 0.00	19.56 -0.54 0.00	19.47 -0.54 0.00	20.37 -0.61 0.00	24.00 -0.72 0.00	31.64 -0.81 0.00	31.27 -0.77 0.00	26.05 -0.75 0.00	20.95 -0.54 0.00	19.30 -0.45 0.00	18.87 -0.44 0.00	18.96 -0.43 0.00	18.65 -0.44 0.00	18.53 -0.46 0.00	18.32 -0.47 0.00	19.15 -0.49 0.00	22.06 -0.71 0.00	25.40 -0.84 0.00	30.43 -0.91 0.00	29.72 -0.89 0.00	27.63 -0.91 0.00	21.67 -0.69 0.00	19.70 -0.63 0.00
SITHE___BATAVIA 24024	23.23 0.61 0.00	21.25 0.40 0.00	20.64 0.54 0.00	20.59 0.58 0.00	21.17 0.19 0.00	24.99 0.27 0.00	33.00 0.55 0.00	32.87 0.83 0.00	27.13 0.32 0.00	21.81 0.32 0.00	20.06 0.32 0.00	19.56 0.25 0.00	19.78 0.39 0.00	19.44 0.34 0.00	19.08 0.10 0.00	18.72 -0.07 0.00	19.60 -0.04 0.00	22.54 -0.23 0.00	25.82 -0.42 0.00	30.87 -0.47 0.00	30.30 -0.31 0.00	27.84 -0.71 0.00	21.96 -0.40 0.00	20.03 -0.30 0.00
SITHE___INDEPEND 23800	21.99 -0.63 0.00	20.27 -0.58 0.00	19.54 -0.56 0.00	19.43 -0.58 0.00	20.37 -0.61 0.00	23.98 -0.74 0.00	31.58 -0.88 0.00	31.24 -0.80 0.00	26.05 -0.75 0.00	20.95 -0.54 0.00	19.30 -0.45 0.00	18.86 -0.44 0.00	18.96 -0.43 0.00	18.65 -0.44 0.00	18.53 -0.46 0.00	18.32 -0.47 0.00	19.15 -0.49 0.00	22.06 -0.71 0.00	25.40 -0.84 0.00	30.40 -0.94 0.00	29.72 -0.89 0.00	27.63 -0.91 0.00	21.64 -0.72 0.00	19.68 -0.65 0.00



SITHE___MASSENA 23902	22.44 -0.18 0.00	20.75 -0.10 0.00	20.00 -0.10 0.00	19.91 -0.10 0.00	20.90 -0.08 0.00	24.62 -0.10 0.00	31.80 -0.65 0.00	31.43 -0.61 0.00	26.67 -0.13 0.00	21.36 -0.13 0.00	19.59 -0.16 0.00	19.13 -0.17 0.00	19.25 -0.13 0.00	18.92 -0.17 0.00	18.83 -0.15 0.00	18.60 -0.19 0.00	19.46 -0.18 0.00	22.58 -0.18 0.00	26.06 -0.18 0.00	30.74 -0.60 0.00	30.02 -0.58 0.00	28.26 -0.29 0.00	22.09 -0.27 0.00	20.13 -0.20 0.00
SITHE___OGDNSBRG 24021	22.40 -0.23 0.00	20.75 -0.10 0.00	20.00 -0.10 0.00	19.93 -0.08 0.00	20.92 -0.06 0.00	24.69 -0.02 0.00	32.10 -0.36 0.00	31.63 -0.42 0.00	26.59 -0.21 0.00	21.25 -0.24 0.00	19.45 -0.30 0.00	18.98 -0.33 0.00	19.12 -0.27 0.00	18.77 -0.32 0.00	18.70 -0.28 0.00	18.47 -0.32 0.00	19.33 -0.31 0.00	22.45 -0.32 0.00	25.98 -0.26 0.00	30.71 -0.63 0.00	30.02 -0.58 0.00	28.26 -0.29 0.00	22.16 -0.20 0.00	20.07 -0.26 0.00
SITHE___STERLING 23777	23.60 0.97 0.00	21.73 0.88 0.00	20.94 0.84 0.00	20.87 0.86 0.00	21.86 0.88 0.00	25.80 1.09 0.00	34.24 1.78 0.00	33.74 1.70 0.00	27.85 1.04 0.00	22.22 0.73 0.00	20.34 0.59 0.00	19.79 0.48 0.00	19.95 0.56 0.00	19.65 0.55 0.00	19.55 0.57 0.00	19.32 0.53 0.00	20.17 0.53 0.00	23.31 0.55 0.00	26.98 0.73 0.00	32.47 1.13 0.00	31.77 1.16 0.00	29.49 0.94 0.00	23.10 0.74 0.00	20.88 0.55 0.00
SLEIGHT__34_KV_TB1 80719	22.76 0.14 0.00	20.85 0.00 0.00	19.92 -0.18 0.00	19.77 -0.24 0.00	20.85 -0.13 0.00	24.57 -0.15 0.00	32.29 -0.16 0.00	32.36 0.32 0.00	26.86 0.05 0.00	21.53 0.04 0.00	19.77 0.02 0.00	19.31 0.00 0.00	19.47 0.08 0.00	19.13 0.04 0.00	18.85 -0.13 0.00	18.55 -0.24 0.00	19.40 -0.24 0.00	22.38 -0.39 0.00	25.77 -0.47 0.00	30.81 -0.53 0.00	30.21 -0.40 0.00	27.89 -0.66 0.00	21.91 -0.45 0.00	19.84 -0.49 0.00
SOUTH CAIRO___GT 23612	23.26 0.63 0.00	21.48 0.63 0.00	20.76 0.66 0.00	20.67 0.66 0.00	21.61 0.63 0.00	25.41 0.69 0.00	33.65 1.20 0.00	32.78 0.74 0.00	27.13 0.32 0.00	21.49 0.00 0.00	19.65 -0.10 0.00	19.15 -0.15 0.00	19.25 -0.14 0.00	18.92 -0.17 0.00	18.93 -0.06 0.00	18.81 0.02 0.00	19.72 0.08 0.00	23.13 0.36 0.00	26.90 0.66 0.00	32.47 1.13 0.00	31.77 1.16 0.00	29.40 0.86 0.00	23.03 0.67 0.00	20.98 0.65 0.00
SOUTH HAMPTN___IC 23720	25.98 2.26 -1.09	25.01 1.94 -2.22	26.41 1.79 -4.52	23.39 1.86 -1.52	24.56 2.10 -1.49	31.39 2.50 -4.18	45.49 3.38 -9.66	45.49 3.43 -10.01	29.22 2.41 0.00	23.46 1.98 0.00	21.45 1.70 0.00	21.06 1.74 -0.01	20.92 1.53 0.00	20.66 1.57 0.00	20.52 1.54 0.00	20.60 1.80 -0.01	24.11 2.00 -2.47	28.40 2.59 -3.04	33.35 2.70 -4.40	44.39 3.63 -9.42	44.75 3.76 -10.38	40.46 2.94 -8.97	32.64 2.59 -7.69	29.56 2.30 -6.94
SOUTHDOW__115KV_TB1 355954	24.14 1.52 0.00	22.02 1.17 0.00	20.92 0.82 0.00	20.73 0.72 0.00	21.97 0.99 0.00	25.95 1.24 0.00	33.98 1.53 0.00	34.45 2.40 0.00	28.41 1.61 0.00	22.84 1.35 0.00	21.05 1.30 0.00	20.47 1.16 0.00	20.73 1.34 0.00	20.39 1.30 0.00	20.05 1.06 0.00	19.62 0.83 0.00	20.52 0.88 0.00	23.59 0.82 0.00	26.90 0.66 0.00	32.12 0.78 0.00	31.28 0.67 0.00	28.69 0.14 0.00	22.47 0.11 0.00	20.25 -0.08 0.00
SOUTHOLD_69_KV_BK 2 55809	26.37 2.67 -1.08	25.38 2.31 -2.21	26.81 2.19 -4.52	23.80 2.28 -1.52	24.87 2.41 -1.48	31.80 2.92 -4.17	45.98 3.86 -9.66	45.87 3.81 -10.01	29.51 2.71 0.00	23.77 2.28 0.00	21.72 1.97 0.00	21.33 2.01 -0.01	21.19 1.80 0.00	20.93 1.83 0.00	20.81 1.82 0.00	20.84 2.05 -0.01	24.38 2.28 -2.46	28.73 2.94 -3.03	33.87 3.23 -4.40	45.05 4.29 -9.42	45.38 4.41 -10.37	41.06 3.54 -8.97	32.92 2.88 -7.68	29.96 2.70 -6.92
SOUTHOLD___IC 23719	26.38 2.67 -1.09	25.39 2.31 -2.22	26.78 2.15 -4.52	23.75 2.22 -1.52	24.94 2.47 -1.49	31.86 2.96 -4.17	46.14 4.02 -9.66	46.09 4.04 -10.01	29.67 2.87 0.00	23.77 2.28 0.00	21.72 1.97 0.00	21.33 2.01 -0.01	21.19 1.80 0.00	20.93 1.83 0.00	20.79 1.80 0.00	20.84 2.05 -0.01	24.38 2.28 -2.47	28.74 2.94 -3.04	33.82 3.17 -4.40	44.99 4.23 -9.42	45.36 4.38 -10.38	41.00 3.48 -8.97	33.04 3.00 -7.69	29.91 2.64 -6.93
SOUTH_FORK_WT_PWR 323839	26.45 2.74 -1.09	25.45 2.38 -2.22	26.83 2.21 -4.52	23.79 2.26 -1.52	25.00 2.54 -1.49	31.91 3.01 -4.18	46.20 4.09 -9.66	46.19 4.14 -10.01	29.73 2.92 0.00	23.81 2.32 0.00	21.77 2.02 0.00	21.37 2.05 -0.01	21.23 1.84 0.00	20.94 1.85 0.00	20.81 1.82 0.00	20.86 2.07 -0.01	24.40 2.30 -2.47	28.76 2.96 -3.04	33.85 3.20 -4.40	45.05 4.29 -9.42	45.39 4.41 -10.38	41.06 3.54 -8.97	33.06 3.02 -7.69	29.95 2.68 -6.93
SPIERFLS_115KV_TB 1 80737	23.14 0.52 0.00	21.38 0.52 0.00	20.56 0.46 0.00	20.49 0.48 0.00	21.44 0.46 0.00	25.29 0.57 0.00	33.59 1.14 0.00	32.84 0.80 0.00	27.21 0.40 0.00	21.64 0.15 0.00	19.81 0.06 0.00	19.35 0.04 0.00	19.45 0.06 0.00	19.03 -0.06 0.00	19.02 0.04 0.00	18.87 0.08 0.00	19.74 0.10 0.00	23.06 0.30 0.00	26.79 0.55 0.00	32.50 1.16 0.00	31.80 1.19 0.00	29.40 0.86 0.00	22.92 0.56 0.00	20.80 0.47 0.00
ST LAWRENCE___ 23600	22.31 -0.32 0.00	20.60 -0.25 0.00	19.86 -0.24 0.00	19.77 -0.24 0.00	20.75 -0.23 0.00	24.42 -0.30 0.00	31.58 -0.87 0.00	31.18 -0.86 0.00	26.48 -0.32 0.00	21.23 -0.26 0.00	19.49 -0.26 0.00	19.06 -0.25 0.00	19.16 -0.23 0.00	18.84 -0.25 0.00	18.74 -0.25 0.00	18.53 -0.26 0.00	19.38 -0.26 0.00	22.47 -0.30 0.00	25.90 -0.34 0.00	30.56 -0.78 0.00	29.84 -0.76 0.00	28.09 -0.46 0.00	21.96 -0.40 0.00	20.03 -0.30 0.00
STATE_CA_115KV_115_LB 55624	22.60 -0.02 0.00	20.92 0.06 0.00	20.22 0.12 0.00	20.13 0.12 0.00	21.02 0.04 0.00	24.69 -0.02 0.00	32.65 0.19 0.00	32.07 0.03 0.00	26.64 -0.16 0.00	21.40 -0.09 0.00	19.69 -0.06 0.00	19.29 -0.02 0.00	19.35 -0.04 0.00	19.02 -0.08 0.00	18.97 -0.02 0.00	18.79 0.00 0.00	19.72 0.08 0.00	22.97 0.20 0.00	26.48 0.24 0.00	31.97 0.63 0.00	31.22 0.61 0.00	28.92 0.37 0.00	22.65 0.29 0.00	20.64 0.30 0.00
STATE_ST_34_KV_LOAD 55959	23.28 0.66 0.00	21.35 0.50 0.00	20.48 0.38 0.00	20.39 0.38 0.00	21.44 0.46 0.00	25.29 0.57 0.00	33.39 0.94 0.00	33.23 1.19 0.00	27.58 0.78 0.00	22.05 0.56 0.00	20.26 0.51 0.00	19.79 0.48 0.00	19.91 0.52 0.00	19.57 0.48 0.00	19.34 0.36 0.00	19.09 0.30 0.00	19.95 0.31 0.00	23.04 0.27 0.00	26.61 0.37 0.00	31.87 0.53 0.00	31.16 0.55 0.00	28.86 0.31 0.00	22.63 0.27 0.00	20.49 0.16 0.00
STATION 5_MISC_HYD 23604	22.90 0.27 0.00	20.96 0.10 0.00	20.34 0.24 0.00	20.25 0.24 0.00	20.92 -0.06 0.00	24.67 -0.05 0.00	32.58 0.13 0.00	32.40 0.35 0.00	26.83 0.03 0.00	21.58 0.09 0.00	19.85 0.10 0.00	19.39 0.08 0.00	19.58 0.19 0.00	19.23 0.13 0.00	18.93 -0.06 0.00	18.60 -0.19 0.00	19.46 -0.18 0.00	22.43 -0.34 0.00	25.74 -0.50 0.00	30.78 -0.56 0.00	30.21 -0.40 0.00	27.84 -0.71 0.00	21.89 -0.47 0.00	19.94 -0.39 0.00



STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.10 0.48 0.00	21.17 0.31 0.00	20.20 0.10 0.00	20.05 0.04 0.00	21.15 0.17 0.00	24.92 0.20 0.00	32.71 0.26 0.00	32.88 0.83 0.00	27.26 0.46 0.00	21.83 0.34 0.00	20.05 0.30 0.00	19.56 0.25 0.00	19.76 0.37 0.00	19.40 0.31 0.00	19.10 0.11 0.00	18.79 0.00 0.00	19.66 0.02 0.00	22.68 -0.09 0.00	26.11 -0.13 0.00	31.28 -0.06 0.00	30.64 0.03 0.00	28.26 -0.29 0.00	22.18 -0.18 0.00	20.09 -0.24 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.83 0.20 0.00	20.92 0.06 0.00	19.90 -0.20 0.00	19.75 -0.26 0.00	20.83 -0.15 0.00	24.52 -0.20 0.00	32.13 -0.32 0.00	32.43 0.38 0.00	26.88 0.08 0.00	21.60 0.11 0.00	19.85 0.10 0.00	19.39 0.08 0.00	19.58 0.19 0.00	19.23 0.13 0.00	18.91 -0.08 0.00	18.60 -0.19 0.00	19.46 -0.18 0.00	22.40 -0.36 0.00	25.74 -0.50 0.00	30.81 -0.53 0.00	30.24 -0.37 0.00	27.83 -0.71 0.00	21.87 -0.49 0.00	19.80 -0.53 0.00
STA_56____34_KV_BUS2 355983	22.83 0.20 0.00	20.92 0.06 0.00	19.90 -0.20 0.00	19.75 -0.26 0.00	20.83 -0.15 0.00	24.52 -0.20 0.00	32.13 -0.32 0.00	32.43 0.38 0.00	26.88 0.08 0.00	21.60 0.11 0.00	19.85 0.10 0.00	19.39 0.08 0.00	19.58 0.19 0.00	19.23 0.13 0.00	18.91 -0.08 0.00	18.60 -0.19 0.00	19.46 -0.18 0.00	22.40 -0.36 0.00	25.74 -0.50 0.00	30.81 -0.53 0.00	30.24 -0.37 0.00	27.83 -0.71 0.00	21.87 -0.49 0.00	19.80 -0.53 0.00
STA_67____115KV_BK2 355882	22.85 0.23 0.00	20.94 0.08 0.00	19.92 -0.18 0.00	19.75 -0.26 0.00	20.85 -0.13 0.00	24.55 -0.17 0.00	32.10 -0.36 0.00	32.30 0.26 0.00	26.80 0.00 0.00	21.53 0.04 0.00	19.81 0.06 0.00	19.35 0.04 0.00	19.54 0.16 0.00	19.19 0.10 0.00	18.89 -0.09 0.00	18.56 -0.23 0.00	19.42 -0.22 0.00	22.38 -0.39 0.00	25.69 -0.55 0.00	30.71 -0.63 0.00	30.12 -0.49 0.00	27.78 -0.77 0.00	21.87 -0.49 0.00	19.80 -0.53 0.00
STA_7____115KV_9TRANS 80674	22.96 0.34 0.00	21.04 0.19 0.00	20.02 -0.08 0.00	19.85 -0.16 0.00	20.96 -0.02 0.00	24.67 -0.05 0.00	32.26 -0.19 0.00	32.52 0.48 0.00	26.97 0.16 0.00	21.66 0.17 0.00	19.93 0.18 0.00	19.46 0.15 0.00	19.66 0.27 0.00	19.30 0.21 0.00	18.98 0.00 0.00	18.66 -0.13 0.00	19.54 -0.10 0.00	22.49 -0.27 0.00	25.85 -0.39 0.00	30.90 -0.44 0.00	30.33 -0.28 0.00	27.95 -0.60 0.00	21.98 -0.38 0.00	19.90 -0.43 0.00
STA_82____115KV_TB1 80780	22.87 0.25 0.00	20.94 0.08 0.00	19.94 -0.16 0.00	19.77 -0.24 0.00	20.87 -0.10 0.00	24.57 -0.15 0.00	32.10 -0.36 0.00	32.33 0.29 0.00	26.83 0.03 0.00	21.55 0.06 0.00	19.83 0.08 0.00	19.37 0.06 0.00	19.54 0.16 0.00	19.21 0.11 0.00	18.91 -0.08 0.00	18.58 -0.21 0.00	19.44 -0.20 0.00	22.38 -0.39 0.00	25.72 -0.52 0.00	30.74 -0.60 0.00	30.15 -0.46 0.00	27.78 -0.77 0.00	21.87 -0.49 0.00	19.82 -0.51 0.00
STEEL____WIND 323596	23.33 0.70 0.00	21.33 0.48 0.00	20.74 0.64 0.00	20.67 0.66 0.00	21.25 0.27 0.00	25.11 0.39 0.00	33.10 0.65 0.00	32.87 0.83 0.00	27.07 0.27 0.00	21.85 0.36 0.00	20.14 0.39 0.00	19.64 0.33 0.00	19.87 0.48 0.00	19.55 0.46 0.00	19.23 0.25 0.00	18.85 0.06 0.00	19.72 0.08 0.00	22.63 -0.14 0.00	25.88 -0.37 0.00	30.87 -0.47 0.00	30.18 -0.43 0.00	27.81 -0.74 0.00	22.00 -0.36 0.00	20.11 -0.22 0.00
STEPHTWN_115KV_BK_2 55603	22.83 0.20 0.00	21.12 0.27 0.00	20.40 0.30 0.00	20.31 0.30 0.00	21.21 0.23 0.00	24.94 0.22 0.00	33.04 0.58 0.00	32.43 0.38 0.00	26.91 0.11 0.00	21.53 0.04 0.00	19.81 0.06 0.00	19.39 0.08 0.00	19.45 0.06 0.00	19.13 0.04 0.00	19.08 0.09 0.00	18.90 0.11 0.00	19.78 0.14 0.00	23.06 0.30 0.00	26.58 0.34 0.00	32.12 0.78 0.00	31.37 0.77 0.00	29.06 0.51 0.00	22.74 0.38 0.00	20.74 0.41 0.00
STEUBEN_REC_LFGE 323667	24.12 1.49 0.00	22.06 1.21 0.00	21.02 0.92 0.00	20.85 0.84 0.00	22.05 1.07 0.00	26.03 1.31 0.00	34.14 1.69 0.00	34.29 2.24 0.00	28.25 1.45 0.00	22.63 1.14 0.00	20.74 0.99 0.00	20.24 0.93 0.00	20.44 1.05 0.00	20.08 0.99 0.00	19.76 0.78 0.00	19.39 0.60 0.00	20.21 0.57 0.00	23.29 0.52 0.00	26.79 0.55 0.00	32.03 0.69 0.00	31.13 0.52 0.00	28.63 0.09 0.00	22.47 0.11 0.00	20.33 0.00 0.00
STILLWATER____SOLAR 323814	23.28 0.66 0.00	21.50 0.65 0.00	20.66 0.56 0.00	20.59 0.58 0.00	21.59 0.61 0.00	25.46 0.74 0.00	33.78 1.33 0.00	33.13 1.09 0.00	27.42 0.62 0.00	21.81 0.32 0.00	20.01 0.26 0.00	19.56 0.25 0.00	19.64 0.25 0.00	19.28 0.19 0.00	19.23 0.25 0.00	19.07 0.28 0.00	19.95 0.31 0.00	23.29 0.52 0.00	26.98 0.73 0.00	32.69 1.35 0.00	31.95 1.35 0.00	29.57 1.03 0.00	23.12 0.76 0.00	20.98 0.65 0.00
STONY____BROOK 24151	25.77 2.06 -1.09	24.83 1.75 -2.22	26.23 1.61 -4.52	23.17 1.64 -1.52	24.31 1.85 -1.49	31.41 2.23 -4.47	46.18 2.86 -10.87	46.23 2.95 -11.24	29.03 2.22 0.00	23.31 1.83 0.00	21.33 1.58 0.00	20.94 1.62 -0.01	20.86 1.47 0.00	20.58 1.49 0.00	20.48 1.50 0.00	20.49 1.69 -0.01	24.30 1.89 -2.77	28.57 2.39 -3.42	33.69 2.49 -4.95	45.11 3.20 -10.57	45.62 3.37 -11.65	41.16 2.54 -10.07	33.08 2.37 -8.35	30.21 2.07 -7.80
STURGEON_POOL_HYD 23609	23.84 1.22 0.00	21.88 1.02 0.00	21.13 1.03 0.00	21.03 1.02 0.00	22.05 1.07 0.00	26.00 1.29 0.00	34.63 2.17 0.00	34.19 2.15 0.00	28.39 1.58 0.00	22.65 1.16 0.00	20.76 1.01 0.00	20.25 0.95 0.00	20.28 0.89 0.00	20.08 0.99 0.00	20.01 1.03 0.00	19.88 1.09 0.00	20.76 1.12 0.00	24.25 1.48 0.00	28.03 1.78 0.00	33.82 2.48 0.00	33.05 2.45 0.00	30.52 1.97 0.00	23.77 1.41 0.00	21.69 1.36 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.62 1.00 0.00	21.69 0.83 0.00	20.94 0.84 0.00	20.85 0.84 0.00	21.86 0.88 0.00	25.78 1.06 0.00	34.27 1.82 0.00	33.87 1.83 0.00	28.09 1.29 0.00	22.48 0.99 0.00	20.62 0.87 0.00	20.14 0.83 0.00	20.18 0.79 0.00	19.93 0.84 0.00	19.86 0.87 0.00	19.71 0.92 0.00	20.58 0.94 0.00	24.02 1.25 0.00	27.74 1.50 0.00	33.50 2.16 0.00	32.72 2.11 0.00	30.23 1.68 0.00	23.57 1.21 0.00	21.49 1.16 0.00
SWANROAD_115KV_TB1 355699	22.51 -0.11 0.00	20.60 -0.25 0.00	19.54 -0.56 0.00	19.33 -0.68 0.00	20.48 -0.50 0.00	24.03 -0.69 0.00	31.19 -1.27 0.00	31.47 -0.58 0.00	26.03 -0.78 0.00	21.02 -0.47 0.00	19.37 -0.38 0.00	18.90 -0.41 0.00	19.14 -0.25 0.00	18.81 -0.29 0.00	18.49 -0.49 0.00	18.13 -0.66 0.00	18.95 -0.69 0.00	21.74 -1.02 0.00	24.80 -1.44 0.00	29.58 -1.76 0.00	28.98 -1.62 0.00	26.72 -1.83 0.00	21.20 -1.16 0.00	19.25 -1.08 0.00
SYNERGY____BIOGAS 323694	23.23 0.61 0.00	21.25 0.40 0.00	20.64 0.54 0.00	20.59 0.58 0.00	21.17 0.19 0.00	24.99 0.27 0.00	33.00 0.55 0.00	32.87 0.83 0.00	27.13 0.32 0.00	21.81 0.32 0.00	20.06 0.32 0.00	19.56 0.25 0.00	19.78 0.39 0.00	19.44 0.34 0.00	19.08 0.10 0.00	18.72 -0.07 0.00	19.60 -0.04 0.00	22.54 -0.23 0.00	25.82 -0.42 0.00	30.87 -0.47 0.00	30.30 -0.31 0.00	27.84 -0.71 0.00	21.96 -0.40 0.00	20.03 -0.30 0.00



SYRACUSE___ENERGY_ST1 323597	23.01 0.38 0.00	21.15 0.29 0.00	20.32 0.22 0.00	20.21 0.20 0.00	21.23 0.25 0.00	25.02 0.30 0.00	33.01 0.55 0.00	32.75 0.70 0.00	27.21 0.40 0.00	21.81 0.32 0.00	20.05 0.30 0.00	19.58 0.27 0.00	19.68 0.29 0.00	19.36 0.27 0.00	19.17 0.19 0.00	18.92 0.13 0.00	19.78 0.14 0.00	22.86 0.09 0.00	26.37 0.13 0.00	31.59 0.25 0.00	30.88 0.28 0.00	28.66 0.11 0.00	22.47 0.11 0.00	20.39 0.06 0.00
SYRACUSE___ENERGY_ST2 323598	23.01 0.38 0.00	21.15 0.29 0.00	20.32 0.22 0.00	20.21 0.20 0.00	21.23 0.25 0.00	25.02 0.30 0.00	33.01 0.55 0.00	32.75 0.70 0.00	27.21 0.40 0.00	21.81 0.32 0.00	20.05 0.30 0.00	19.58 0.27 0.00	19.68 0.29 0.00	19.36 0.27 0.00	19.17 0.19 0.00	18.92 0.13 0.00	19.78 0.14 0.00	22.86 0.09 0.00	26.37 0.13 0.00	31.59 0.25 0.00	30.88 0.28 0.00	28.66 0.11 0.00	22.47 0.11 0.00	20.39 0.06 0.00
SYRACUSE___POWER 24017	22.78 0.16 0.00	20.96 0.10 0.00	20.16 0.06 0.00	20.07 0.06 0.00	21.06 0.08 0.00	24.82 0.10 0.00	32.78 0.32 0.00	32.46 0.42 0.00	26.97 0.16 0.00	21.64 0.15 0.00	19.89 0.14 0.00	19.42 0.12 0.00	19.52 0.14 0.00	19.21 0.11 0.00	19.06 0.08 0.00	18.83 0.04 0.00	19.68 0.04 0.00	22.74 -0.02 0.00	26.24 0.00 0.00	31.47 0.13 0.00	30.73 0.12 0.00	28.55 0.00 0.00	22.36 0.00 0.00	20.29 -0.04 0.00
TALLMAN___138KV_BK151 55660	23.69 1.06 0.00	21.75 0.90 0.00	21.00 0.90 0.00	20.91 0.90 0.00	21.92 0.94 0.00	25.88 1.16 0.00	34.40 1.95 0.00	34.06 2.02 0.00	28.25 1.45 0.00	22.63 1.14 0.00	20.74 0.99 0.00	20.29 0.98 0.00	20.32 0.93 0.00	20.07 0.97 0.00	19.99 1.01 0.00	19.84 1.05 0.00	20.74 1.10 0.00	24.18 1.41 0.00	27.90 1.65 0.00	33.72 2.38 0.00	32.93 2.33 0.00	30.40 1.86 0.00	23.70 1.34 0.00	21.61 1.28 0.00
TEALLAVE_115KV_TB7 355573	22.58 -0.05 0.00	20.77 -0.08 0.00	20.00 -0.10 0.00	19.91 -0.10 0.00	20.87 -0.10 0.00	24.59 -0.12 0.00	32.45 0.00 0.00	32.14 0.10 0.00	26.75 -0.05 0.00	21.47 -0.02 0.00	19.75 0.00 0.00	19.29 -0.02 0.00	19.39 0.00 0.00	19.09 0.00 0.00	18.93 -0.06 0.00	18.72 -0.08 0.00	19.56 -0.08 0.00	22.58 -0.18 0.00	26.06 -0.18 0.00	31.21 -0.13 0.00	30.51 -0.09 0.00	28.32 -0.23 0.00	22.20 -0.16 0.00	20.17 -0.16 0.00
TELGRAPH_34_KV_EAST 80808	23.01 0.38 0.00	21.04 0.19 0.00	19.96 -0.14 0.00	19.75 -0.26 0.00	20.92 -0.06 0.00	24.59 -0.12 0.00	32.00 -0.45 0.00	32.36 0.32 0.00	26.75 -0.05 0.00	21.53 0.04 0.00	19.83 0.08 0.00	19.35 0.04 0.00	19.56 0.17 0.00	19.23 0.13 0.00	18.89 -0.09 0.00	18.53 -0.26 0.00	19.40 -0.24 0.00	22.27 -0.50 0.00	25.46 -0.79 0.00	30.40 -0.94 0.00	29.81 -0.80 0.00	27.44 -1.11 0.00	21.71 -0.65 0.00	19.66 -0.67 0.00
TEMPLE___115KV_TB 2 55572	22.60 -0.02 0.00	20.81 -0.04 0.00	20.02 -0.08 0.00	19.93 -0.08 0.00	20.92 -0.06 0.00	24.64 -0.07 0.00	32.49 0.03 0.00	32.17 0.13 0.00	26.78 -0.03 0.00	21.49 0.00 0.00	19.77 0.02 0.00	19.33 0.02 0.00	19.41 0.02 0.00	19.11 0.02 0.00	18.95 -0.04 0.00	18.73 -0.06 0.00	19.58 -0.06 0.00	22.61 -0.16 0.00	26.09 -0.16 0.00	31.25 -0.09 0.00	30.55 -0.06 0.00	28.35 -0.20 0.00	22.22 -0.13 0.00	20.19 -0.14 0.00
TIANA___69_KV_BK 1 55817	25.88 2.17 -1.08	24.92 1.86 -2.21	26.38 1.77 -4.52	23.36 1.84 -1.52	24.41 1.95 -1.48	31.26 2.37 -4.17	45.23 3.12 -9.66	45.13 3.08 -10.01	28.98 2.17 0.00	23.40 1.91 0.00	21.39 1.64 0.00	21.00 1.68 -0.01	20.86 1.47 0.00	20.60 1.51 0.00	20.50 1.52 0.00	20.56 1.77 -0.01	24.06 1.96 -2.46	28.32 2.53 -3.03	33.32 2.68 -4.40	44.30 3.54 -9.42	44.68 3.70 -10.37	40.40 2.88 -8.97	32.48 2.44 -7.68	29.53 2.28 -6.93
TILDEN___115KV_TB1 80814	22.78 0.16 0.00	20.96 0.10 0.00	20.16 0.06 0.00	20.07 0.06 0.00	21.06 0.08 0.00	24.82 0.10 0.00	32.78 0.32 0.00	32.46 0.42 0.00	26.97 0.16 0.00	21.64 0.15 0.00	19.89 0.14 0.00	19.42 0.12 0.00	19.52 0.14 0.00	19.21 0.11 0.00	19.06 0.08 0.00	18.83 0.04 0.00	19.68 0.04 0.00	22.74 -0.02 0.00	26.24 0.00 0.00	31.47 0.13 0.00	30.73 0.12 0.00	28.55 0.00 0.00	22.36 0.00 0.00	20.29 -0.04 0.00
TRIGEN___CC 323695	25.31 1.61 -1.08	24.44 1.38 -2.21	25.96 1.35 -4.52	22.88 1.36 -1.52	23.86 1.41 -1.48	28.26 1.68 -1.86	34.92 2.43 -0.03	34.52 2.47 -0.01	28.63 1.82 0.00	22.97 1.48 0.00	21.07 1.32 0.00	20.67 1.35 -0.01	20.63 1.24 0.00	20.39 1.30 0.00	20.29 1.31 0.00	20.21 1.41 -0.01	21.16 1.51 -0.01	24.71 1.94 -0.01	28.41 2.15 -0.01	34.25 2.91 0.00	33.64 3.03 0.00	30.86 2.31 0.00	26.57 1.83 -2.38	22.08 1.73 -0.02
TRINITY___115KV___4 BK 55933	22.56 -0.07 0.00	20.85 0.00 0.00	20.16 0.06 0.00	20.09 0.08 0.00	20.98 0.00 0.00	24.64 -0.07 0.00	32.58 0.13 0.00	32.04 0.00 0.00	26.59 -0.21 0.00	21.34 -0.15 0.00	19.65 -0.10 0.00	19.25 -0.06 0.00	19.29 -0.10 0.00	19.00 -0.10 0.00	18.93 -0.06 0.00	18.75 -0.04 0.00	19.62 -0.02 0.00	22.86 0.09 0.00	26.32 0.08 0.00	31.75 0.41 0.00	31.00 0.40 0.00	28.75 0.20 0.00	22.52 0.16 0.00	20.54 0.20 0.00
UNION___PROCESSING_DRP 323587	22.87 0.25 0.00	20.96 0.10 0.00	19.94 -0.16 0.00	19.77 -0.24 0.00	20.90 -0.08 0.00	24.57 -0.15 0.00	32.13 -0.32 0.00	32.36 0.32 0.00	26.83 0.03 0.00	21.55 0.06 0.00	19.83 0.08 0.00	19.37 0.06 0.00	19.56 0.17 0.00	19.21 0.11 0.00	18.91 -0.08 0.00	18.58 -0.21 0.00	19.44 -0.20 0.00	22.40 -0.36 0.00	25.72 -0.52 0.00	30.74 -0.60 0.00	30.15 -0.46 0.00	27.81 -0.74 0.00	21.89 -0.47 0.00	19.82 -0.51 0.00
UPPER HUDSON___HYD 24058	23.14 0.52 0.00	21.38 0.52 0.00	20.52 0.42 0.00	20.45 0.44 0.00	21.44 0.46 0.00	25.31 0.59 0.00	33.62 1.17 0.00	32.91 0.87 0.00	27.23 0.43 0.00	21.64 0.15 0.00	19.81 0.06 0.00	19.35 0.04 0.00	19.45 0.06 0.00	19.03 -0.06 0.00	19.02 0.04 0.00	18.87 0.08 0.00	19.74 0.10 0.00	23.06 0.30 0.00	26.80 0.55 0.00	32.50 1.16 0.00	31.80 1.19 0.00	29.40 0.86 0.00	22.94 0.58 0.00	20.80 0.47 0.00
UPPER RAQUET___HYD 24056	21.76 -0.86 0.00	20.14 -0.71 0.00	19.40 -0.70 0.00	19.31 -0.70 0.00	20.31 -0.67 0.00	23.93 -0.79 0.00	30.93 -1.52 0.00	30.54 -1.51 0.00	25.92 -0.88 0.00	20.72 -0.77 0.00	18.98 -0.77 0.00	18.52 -0.79 0.00	18.65 -0.74 0.00	18.31 -0.78 0.00	18.22 -0.76 0.00	18.02 -0.77 0.00	18.83 -0.81 0.00	21.88 -0.89 0.00	25.27 -0.97 0.00	29.87 -1.47 0.00	29.17 -1.44 0.00	27.43 -1.11 0.00	21.40 -0.96 0.00	19.50 -0.83 0.00
VALLEY44_115KV_TB2 355964	23.51 0.88 0.00	21.50 0.65 0.00	20.46 0.36 0.00	20.29 0.28 0.00	21.48 0.50 0.00	25.36 0.64 0.00	33.10 0.65 0.00	33.48 1.44 0.00	27.61 0.80 0.00	22.20 0.71 0.00	20.42 0.67 0.00	19.89 0.58 0.00	20.11 0.72 0.00	19.78 0.69 0.00	19.48 0.49 0.00	19.11 0.32 0.00	20.05 0.41 0.00	23.08 0.32 0.00	26.40 0.16 0.00	31.59 0.25 0.00	30.85 0.24 0.00	28.52 -0.03 0.00	22.43 0.07 0.00	20.35 0.02 0.00



VALLEY___115KV_TB 1-4 80826	22.78 0.16 0.00	21.00 0.15 0.00	20.24 0.14 0.00	20.15 0.14 0.00	21.10 0.13 0.00	24.84 0.12 0.00	32.75 0.29 0.00	32.27 0.22 0.00	26.86 0.05 0.00	21.55 0.06 0.00	19.81 0.06 0.00	19.37 0.06 0.00	19.47 0.08 0.00	19.19 0.10 0.00	19.10 0.11 0.00	18.88 0.09 0.00	19.72 0.08 0.00	22.90 0.14 0.00	26.35 0.10 0.00	31.53 0.19 0.00	30.67 0.06 0.00	28.52 -0.03 0.00	22.29 -0.07 0.00	20.27 -0.06 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.07 1.45 0.00	22.19 1.33 0.00	21.37 1.27 0.00	21.27 1.26 0.00	22.32 1.34 0.00	26.33 1.61 0.00	34.95 2.50 0.00	34.48 2.44 0.00	28.47 1.66 0.00	22.71 1.22 0.00	20.74 0.99 0.00	20.20 0.89 0.00	20.34 0.95 0.00	20.05 0.95 0.00	19.93 0.95 0.00	19.71 0.92 0.00	20.58 0.94 0.00	24.00 1.23 0.00	27.77 1.52 0.00	33.53 2.19 0.00	32.84 2.23 0.00	30.43 1.88 0.00	23.81 1.45 0.00	21.57 1.24 0.00
VISCHER___FERRY HYD 24020	23.01 0.38 0.00	21.27 0.42 0.00	20.46 0.36 0.00	20.37 0.36 0.00	21.40 0.42 0.00	25.21 0.49 0.00	33.46 1.01 0.00	32.91 0.87 0.00	27.21 0.40 0.00	21.66 0.17 0.00	19.91 0.16 0.00	19.48 0.17 0.00	19.54 0.15 0.00	19.23 0.13 0.00	19.15 0.17 0.00	19.00 0.21 0.00	19.88 0.24 0.00	23.18 0.41 0.00	26.80 0.55 0.00	32.44 1.10 0.00	31.65 1.04 0.00	29.35 0.80 0.00	22.96 0.60 0.00	20.86 0.53 0.00
V_A_10_SYNC_DSASP 323832	22.65 0.02 0.00	20.73 -0.12 0.00	20.16 0.06 0.00	20.09 0.08 0.00	20.66 -0.31 0.00	24.35 -0.37 0.00	32.03 -0.42 0.00	31.75 -0.29 0.00	26.27 -0.54 0.00	21.23 -0.26 0.00	19.57 -0.18 0.00	19.10 -0.21 0.00	19.31 -0.08 0.00	18.98 -0.11 0.00	18.68 -0.30 0.00	18.34 -0.45 0.00	19.19 -0.45 0.00	22.04 -0.73 0.00	25.22 -1.02 0.00	30.09 -1.25 0.00	29.47 -1.13 0.00	27.21 -1.34 0.00	21.51 -0.85 0.00	19.68 -0.65 0.00
V_CMM_10_SYNC_DSASP 323787	22.40 -0.23 0.00	20.69 -0.17 0.00	19.94 -0.16 0.00	19.85 -0.16 0.00	20.85 -0.13 0.00	24.55 -0.17 0.00	31.71 -0.75 0.00	31.34 -0.71 0.00	26.62 -0.19 0.00	21.32 -0.17 0.00	19.57 -0.18 0.00	19.13 -0.17 0.00	19.23 -0.16 0.00	18.92 -0.17 0.00	18.81 -0.17 0.00	18.60 -0.19 0.00	19.46 -0.18 0.00	22.56 -0.21 0.00	26.01 -0.24 0.00	30.71 -0.63 0.00	29.96 -0.64 0.00	28.21 -0.34 0.00	22.05 -0.31 0.00	20.11 -0.22 0.00
V_CMP_10_SYNC_DSASP 323788	22.47 -0.16 0.00	20.85 0.00 0.00	20.14 0.04 0.00	20.07 0.06 0.00	21.17 0.19 0.00	24.99 0.27 0.00	30.76 -1.69 0.00	30.57 -1.47 0.00	27.26 0.46 0.00	21.73 0.24 0.00	19.87 0.12 0.00	19.43 0.12 0.00	19.56 0.17 0.00	19.17 0.08 0.00	19.06 0.08 0.00	18.83 0.04 0.00	19.72 0.08 0.00	22.88 0.11 0.00	26.35 0.11 0.00	30.97 -0.37 0.00	29.93 -0.67 0.00	28.01 -0.54 0.00	21.69 -0.67 0.00	20.58 0.24 0.00
V_D_10_SYNC_DSASP 323841	22.44 -0.18 0.00	20.75 -0.10 0.00	20.00 -0.10 0.00	19.91 -0.10 0.00	20.90 -0.08 0.00	24.62 -0.10 0.00	31.80 -0.65 0.00	31.43 -0.61 0.00	26.67 -0.13 0.00	21.36 -0.13 0.00	19.59 -0.16 0.00	19.15 -0.16 0.00	19.27 -0.12 0.00	18.94 -0.15 0.00	18.83 -0.15 0.00	18.62 -0.17 0.00	19.48 -0.16 0.00	22.58 -0.18 0.00	26.06 -0.18 0.00	30.74 -0.60 0.00	30.02 -0.58 0.00	28.26 -0.29 0.00	22.09 -0.27 0.00	20.13 -0.20 0.00
V_E_10_SYNC_DSASP 323830	25.05 2.42 0.00	23.06 2.21 0.00	22.21 2.11 0.00	22.15 2.14 0.00	23.20 2.22 0.00	27.41 2.69 0.00	36.64 4.19 0.00	35.98 3.94 0.00	29.24 2.44 0.00	23.17 1.68 0.00	21.03 1.28 0.00	20.39 1.08 0.00	20.63 1.24 0.00	20.31 1.22 0.00	20.22 1.23 0.00	19.96 1.17 0.00	20.90 1.26 0.00	24.41 1.64 0.00	28.42 2.18 0.00	34.47 3.13 0.00	33.70 3.09 0.00	31.17 2.62 0.00	24.41 2.06 0.00	21.96 1.63 0.00
V_F_30_NSYNC___DSASP 323816	23.33 0.70 0.00	21.54 0.69 0.00	20.70 0.60 0.00	20.61 0.60 0.00	21.63 0.65 0.00	25.51 0.79 0.00	33.85 1.39 0.00	33.19 1.15 0.00	27.45 0.64 0.00	21.85 0.36 0.00	20.05 0.30 0.00	19.60 0.29 0.00	19.68 0.29 0.00	19.32 0.23 0.00	19.27 0.29 0.00	19.11 0.32 0.00	19.99 0.35 0.00	23.31 0.55 0.00	27.03 0.79 0.00	32.72 1.38 0.00	31.98 1.38 0.00	29.61 1.06 0.00	23.14 0.78 0.00	21.00 0.67 0.00
V_F_30_SYNC_DSASP 323786	22.60 -0.02 0.00	20.92 0.06 0.00	20.22 0.12 0.00	20.13 0.12 0.00	21.02 0.04 0.00	24.69 -0.02 0.00	32.65 0.19 0.00	32.07 0.03 0.00	26.64 -0.16 0.00	21.40 -0.09 0.00	19.69 -0.06 0.00	19.29 -0.02 0.00	19.35 -0.04 0.00	19.02 -0.08 0.00	18.97 -0.02 0.00	18.79 0.00 0.00	19.72 0.08 0.00	22.97 0.20 0.00	26.48 0.24 0.00	31.97 0.63 0.00	31.22 0.61 0.00	28.92 0.37 0.00	22.65 0.29 0.00	20.64 0.30 0.00
V_XM_10_SYNC_DSASP 323789	22.47 -0.16 0.00	20.85 0.00 0.00	20.14 0.04 0.00	20.07 0.06 0.00	21.17 0.19 0.00	24.99 0.27 0.00	30.76 -1.69 0.00	30.57 -1.47 0.00	27.26 0.46 0.00	21.73 0.24 0.00	19.87 0.12 0.00	19.43 0.12 0.00	19.56 0.17 0.00	19.17 0.08 0.00	19.06 0.08 0.00	18.83 0.04 0.00	19.72 0.08 0.00	22.88 0.11 0.00	26.35 0.11 0.00	30.97 -0.37 0.00	29.93 -0.67 0.00	28.01 -0.54 0.00	21.69 -0.67 0.00	20.58 0.24 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.75 1.13 0.00	21.81 0.96 0.00	21.04 0.94 0.00	20.97 0.96 0.00	21.99 1.01 0.00	25.93 1.21 0.00	34.50 2.04 0.00	34.13 2.08 0.00	28.31 1.50 0.00	22.67 1.18 0.00	20.80 1.05 0.00	20.33 1.02 0.00	20.36 0.97 0.00	20.10 1.01 0.00	20.03 1.04 0.00	19.88 1.09 0.00	20.78 1.14 0.00	24.25 1.48 0.00	27.98 1.73 0.00	33.82 2.48 0.00	33.02 2.42 0.00	30.49 1.94 0.00	23.77 1.41 0.00	21.65 1.32 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	24.05 1.43 0.00	22.04 1.19 0.00	21.27 1.17 0.00	21.19 1.18 0.00	22.17 1.20 0.00	26.18 1.46 0.00	34.92 2.47 0.00	34.51 2.47 0.00	28.63 1.82 0.00	23.01 1.53 0.00	21.09 1.34 0.00	21.11 1.39 -0.41	20.67 1.28 0.00	20.45 1.34 -0.02	20.39 1.39 -0.02	20.41 1.43 -0.19	21.09 1.45 0.00	24.59 1.82 0.00	28.34 2.10 0.00	34.29 2.95 0.00	33.48 2.88 0.00	30.83 2.28 0.00	23.97 1.61 0.00	21.88 1.55 0.00
W50THST__13_KV_LOAD 356117	24.14 1.52 0.00	22.11 1.25 0.00	21.33 1.23 0.00	21.25 1.24 0.00	22.24 1.26 0.00	26.25 1.53 0.00	35.05 2.60 0.00	34.64 2.60 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.25 1.53 -0.41	20.77 1.38 0.00	20.55 1.43 -0.02	20.49 1.48 -0.02	20.53 1.54 -0.19	21.17 1.53 0.00	24.68 1.91 0.00	28.45 2.20 0.00	34.41 3.07 0.00	33.61 3.00 0.00	30.92 2.37 0.00	24.06 1.70 0.00	21.96 1.63 0.00
WADING RIVER_IC_1 23522	25.59 1.88 -1.09	24.66 1.58 -2.22	26.07 1.45 -4.52	23.05 1.52 -1.52	24.23 1.76 -1.49	31.00 2.10 -4.18	45.00 2.86 -9.69	45.00 2.92 -10.04	28.82 2.01 0.00	23.19 1.70 0.00	21.17 1.42 0.00	20.79 1.47 -0.01	20.65 1.26 0.00	20.39 1.30 0.00	20.28 1.29 0.00	20.37 1.58 -0.01	23.86 1.75 -2.47	28.09 2.28 -3.05	32.94 2.28 -4.41	43.86 3.07 -9.45	44.23 3.21 -10.41	40.00 2.46 -9.00	32.32 2.26 -7.70	29.28 1.99 -6.95



WADING RIVER_IC_2 23547	25.59 1.88 -1.09	24.66 1.58 -2.22	26.07 1.45 -4.52	23.05 1.52 -1.52	24.23 1.76 -1.49	31.00 2.10 -4.18	45.00 2.86 -9.69	45.00 2.92 -10.04	28.82 2.01 0.00	23.19 1.70 0.00	21.17 1.42 0.00	20.79 1.47 -0.01	20.65 1.26 0.00	20.39 1.30 0.00	20.28 1.29 0.00	20.37 1.58 -0.01	23.86 1.75 -2.47	28.09 2.28 -3.05	32.94 2.28 -4.41	43.86 3.07 -9.45	44.23 3.21 -10.41	40.00 2.46 -9.00	32.32 2.26 -7.70	29.28 1.99 -6.95
WADING RIVER_IC_3 23601	25.59 1.88 -1.09	24.66 1.58 -2.22	26.07 1.45 -4.52	23.05 1.52 -1.52	24.23 1.76 -1.49	31.00 2.10 -4.18	45.00 2.86 -9.69	45.00 2.92 -10.04	28.82 2.01 0.00	23.19 1.70 0.00	21.17 1.42 0.00	20.79 1.47 -0.01	20.65 1.26 0.00	20.39 1.30 0.00	20.28 1.29 0.00	20.37 1.58 -0.01	23.86 1.75 -2.47	28.09 2.28 -3.05	32.94 2.28 -4.41	43.86 3.07 -9.45	44.23 3.21 -10.41	40.00 2.46 -9.00	32.32 2.26 -7.70	29.28 1.99 -6.95
WALDENNY_I2_KV_BK2 80841	23.30 0.68 0.00	21.29 0.44 0.00	20.22 0.12 0.00	20.03 0.02 0.00	21.21 0.23 0.00	24.94 0.22 0.00	32.49 0.03 0.00	32.81 0.77 0.00	27.10 0.29 0.00	21.83 0.34 0.00	20.13 0.38 0.00	19.62 0.31 0.00	19.85 0.47 0.00	19.53 0.44 0.00	19.21 0.23 0.00	18.83 0.04 0.00	19.68 0.04 0.00	22.58 -0.18 0.00	25.80 -0.45 0.00	30.81 -0.53 0.00	30.12 -0.49 0.00	27.78 -0.77 0.00	21.96 -0.40 0.00	19.90 -0.43 0.00
WALDEN___HYDRO 24148	23.78 1.15 0.00	21.83 0.98 0.00	21.06 0.96 0.00	20.99 0.98 0.00	22.01 1.03 0.00	25.95 1.24 0.00	34.50 2.04 0.00	34.06 2.02 0.00	28.25 1.45 0.00	22.56 1.07 0.00	20.66 0.91 0.00	20.18 0.87 0.00	20.22 0.83 0.00	19.97 0.88 0.00	19.91 0.93 0.00	19.77 0.98 0.00	20.66 1.02 0.00	24.13 1.37 0.00	27.90 1.65 0.00	33.69 2.35 0.00	32.90 2.30 0.00	30.38 1.83 0.00	23.70 1.34 0.00	21.59 1.26 0.00
WARRENSBURG___ 23737	23.14 0.52 0.00	21.38 0.52 0.00	20.52 0.42 0.00	20.45 0.44 0.00	21.44 0.46 0.00	25.31 0.59 0.00	33.62 1.17 0.00	32.91 0.87 0.00	27.23 0.43 0.00	21.64 0.15 0.00	19.81 0.06 0.00	19.35 0.04 0.00	19.45 0.06 0.00	19.03 -0.06 0.00	19.02 0.04 0.00	18.87 0.08 0.00	19.74 0.10 0.00	23.06 0.30 0.00	26.80 0.55 0.00	32.50 1.16 0.00	31.80 1.19 0.00	29.40 0.86 0.00	22.94 0.58 0.00	20.80 0.47 0.00
WATERSIDE___6 8 9 23538	24.15 1.52 -0.01	22.13 1.27 -0.01	21.35 1.25 -0.01	21.27 1.26 -0.01	22.27 1.28 -0.01	26.23 1.51 0.00	34.95 2.50 0.00	34.54 2.50 0.00	28.68 1.88 0.00	23.06 1.57 0.00	21.15 1.40 0.00	21.22 1.37 -0.54	20.73 1.34 0.00	20.52 1.39 -0.03	20.42 1.40 -0.03	20.45 1.41 -0.25	21.15 1.51 0.00	24.66 1.89 0.00	28.40 2.15 0.00	34.35 3.01 0.00	33.54 2.94 0.00	30.89 2.34 0.00	24.06 1.70 0.00	21.99 1.65 -0.01
WATKINRD_115KV_LN8_ILLION 55919	22.76 0.14 0.00	20.98 0.13 0.00	20.20 0.10 0.00	20.11 0.10 0.00	21.08 0.10 0.00	24.84 0.12 0.00	32.75 0.29 0.00	32.30 0.26 0.00	26.88 0.08 0.00	21.55 0.06 0.00	19.81 0.06 0.00	19.35 0.04 0.00	19.45 0.06 0.00	19.15 0.06 0.00	19.06 0.08 0.00	18.87 0.08 0.00	19.72 0.08 0.00	22.88 0.11 0.00	26.37 0.13 0.00	31.59 0.25 0.00	30.82 0.21 0.00	28.66 0.11 0.00	22.40 0.04 0.00	20.37 0.04 0.00
WATSON___69_KV_BK 1 55734	25.88 2.17 -1.08	24.92 1.86 -2.21	26.38 1.77 -4.52	23.32 1.80 -1.52	24.37 1.91 -1.48	29.67 2.27 -2.68	38.87 2.95 -3.46	38.50 2.95 -3.51	29.03 2.22 0.00	23.38 1.89 0.00	21.41 1.66 0.00	21.02 1.70 -0.01	20.94 1.55 0.00	20.66 1.57 0.00	20.56 1.58 0.00	20.54 1.75 -0.01	22.44 1.92 -0.88	26.29 2.44 -1.09	30.42 2.60 -1.58	38.08 3.45 -3.29	37.84 3.61 -3.62	34.45 2.77 -3.13	28.98 2.35 -4.27	25.01 2.20 -2.48
WDELAWARE___HYD 323627	23.73 1.11 0.00	21.77 0.92 0.00	20.96 0.86 0.00	20.85 0.84 0.00	21.97 0.99 0.00	25.88 1.16 0.00	34.50 2.05 0.00	33.96 1.92 0.00	28.09 1.29 0.00	22.28 0.80 0.00	20.36 0.61 0.00	19.77 0.46 0.00	19.83 0.45 0.00	19.59 0.50 0.00	19.54 0.55 0.00	19.41 0.62 0.00	20.29 0.65 0.00	23.74 0.98 0.00	27.53 1.29 0.00	33.22 1.88 0.00	32.50 1.90 0.00	30.03 1.48 0.00	23.45 1.10 0.00	21.31 0.98 0.00
WEST BABYLON___IC 23714	25.76 2.06 -1.08	24.84 1.77 -2.21	26.32 1.71 -4.52	23.24 1.72 -1.52	24.26 1.80 -1.48	28.96 2.18 -2.06	36.24 2.89 -0.90	35.72 2.85 -0.83	28.98 2.17 0.00	23.29 1.81 0.00	21.33 1.58 0.00	20.94 1.62 -0.01	20.88 1.49 0.00	20.60 1.51 0.00	20.50 1.52 0.00	20.47 1.67 -0.01	21.71 1.85 -0.23	25.37 2.32 -0.28	29.17 2.52 -0.41	35.48 3.38 -0.76	34.96 3.52 -0.83	31.98 2.71 -0.72	27.45 2.24 -2.86	23.09 2.11 -0.65
WEST CANADA___HYD 24049	22.67 0.05 0.00	20.90 0.04 0.00	20.14 0.04 0.00	20.05 0.04 0.00	21.02 0.04 0.00	24.77 0.05 0.00	32.68 0.23 0.00	32.24 0.19 0.00	26.86 0.05 0.00	21.51 0.02 0.00	19.77 0.02 0.00	19.33 0.02 0.00	19.41 0.02 0.00	19.11 0.02 0.00	19.02 0.04 0.00	18.83 0.04 0.00	19.68 0.04 0.00	22.81 0.05 0.00	26.32 0.08 0.00	31.56 0.22 0.00	30.82 0.22 0.00	28.66 0.11 0.00	22.45 0.09 0.00	20.39 0.06 0.00
WESTERN_NY_WIND 24143	23.23 0.61 0.00	21.23 0.38 0.00	20.14 0.04 0.00	19.95 -0.06 0.00	21.13 0.15 0.00	24.84 0.12 0.00	32.42 -0.03 0.00	32.84 0.80 0.00	27.13 0.32 0.00	21.79 0.30 0.00	20.05 0.30 0.00	19.54 0.23 0.00	19.76 0.37 0.00	19.42 0.32 0.00	19.06 0.08 0.00	18.70 -0.09 0.00	19.58 -0.06 0.00	22.52 -0.25 0.00	25.77 -0.47 0.00	30.81 -0.53 0.00	30.27 -0.34 0.00	27.78 -0.77 0.00	21.93 -0.42 0.00	19.84 -0.49 0.00
WESTOVER___LESR 323668	23.21 0.59 0.00	21.33 0.48 0.00	20.48 0.38 0.00	20.37 0.36 0.00	21.44 0.46 0.00	25.26 0.54 0.00	33.30 0.84 0.00	33.07 1.03 0.00	27.45 0.64 0.00	21.98 0.49 0.00	20.18 0.43 0.00	19.71 0.41 0.00	19.82 0.43 0.00	19.51 0.42 0.00	19.34 0.36 0.00	19.09 0.30 0.00	19.97 0.33 0.00	23.13 0.36 0.00	26.66 0.42 0.00	32.00 0.66 0.00	31.25 0.64 0.00	28.98 0.43 0.00	22.72 0.36 0.00	20.64 0.30 0.00
WETHRSFD_WT_PWR 323626	23.37 0.75 0.00	21.38 0.52 0.00	20.76 0.66 0.00	20.69 0.68 0.00	21.34 0.36 0.00	25.21 0.49 0.00	33.27 0.81 0.00	32.97 0.93 0.00	27.18 0.38 0.00	21.90 0.41 0.00	20.12 0.37 0.00	19.66 0.35 0.00	19.87 0.48 0.00	19.53 0.44 0.00	19.23 0.25 0.00	18.88 0.09 0.00	19.68 0.04 0.00	22.63 -0.14 0.00	25.96 -0.29 0.00	31.00 -0.34 0.00	30.24 -0.37 0.00	27.84 -0.71 0.00	21.93 -0.43 0.00	20.01 -0.33 0.00
WHAVSTOR_138KV_BK127 55557	23.69 1.06 0.00	21.75 0.90 0.00	20.98 0.88 0.00	20.91 0.90 0.00	21.92 0.94 0.00	25.86 1.14 0.00	34.37 1.91 0.00	34.03 1.99 0.00	28.22 1.42 0.00	22.61 1.12 0.00	20.74 0.99 0.00	20.29 0.98 0.00	20.30 0.91 0.00	20.07 0.97 0.00	19.99 1.01 0.00	19.84 1.05 0.00	20.72 1.08 0.00	24.18 1.41 0.00	27.90 1.65 0.00	33.72 2.38 0.00	32.93 2.33 0.00	30.38 1.83 0.00	23.70 1.34 0.00	21.59 1.26 0.00



WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.69 1.06 0.00	21.75 0.90 0.00	20.98 0.88 0.00	20.91 0.90 0.00	21.92 0.94 0.00	25.86 1.14 0.00	34.37 1.91 0.00	34.03 1.99 0.00	28.22 1.42 0.00	22.61 1.12 0.00	20.74 0.99 0.00	20.29 0.98 0.00	20.30 0.91 0.00	20.07 0.97 0.00	19.99 1.01 0.00	19.84 1.05 0.00	20.72 1.08 0.00	24.18 1.41 0.00	27.90 1.65 0.00	33.72 2.38 0.00	32.93 2.33 0.00	30.38 1.83 0.00	23.70 1.34 0.00	21.59 1.26 0.00
WHITEHAL_115KV_TB1 80871	23.51 0.88 0.00	21.71 0.86 0.00	20.86 0.76 0.00	20.79 0.78 0.00	21.76 0.78 0.00	25.68 0.96 0.00	34.14 1.69 0.00	33.29 1.25 0.00	27.53 0.72 0.00	21.83 0.34 0.00	19.95 0.20 0.00	19.48 0.17 0.00	19.60 0.21 0.00	19.13 0.04 0.00	19.16 0.17 0.00	19.00 0.21 0.00	19.88 0.24 0.00	23.29 0.52 0.00	27.14 0.89 0.00	33.00 1.66 0.00	32.32 1.71 0.00	29.83 1.28 0.00	23.21 0.85 0.00	21.04 0.71 0.00
WHITEPLN_13_KV_LOAD 356215	24.03 1.40 0.00	22.04 1.19 0.00	21.27 1.17 0.00	21.19 1.18 0.00	22.20 1.22 0.00	26.18 1.46 0.00	34.92 2.47 0.00	34.54 2.50 0.00	28.65 1.85 0.00	22.97 1.48 0.00	21.03 1.28 0.00	20.61 1.29 -0.01	20.63 1.24 0.00	20.37 1.28 0.00	20.29 1.31 0.00	20.15 1.35 -0.01	21.01 1.37 0.00	24.52 1.75 0.00	28.29 2.05 0.00	34.22 2.88 0.00	33.42 2.82 0.00	30.80 2.26 0.00	23.99 1.63 0.00	21.88 1.55 0.00
WM_FLOYD_69_KV_BK2 356380	25.74 2.04 -1.08	24.82 1.75 -2.21	26.28 1.67 -4.52	23.24 1.72 -1.52	24.28 1.83 -1.48	31.09 2.22 -4.14	44.90 2.89 -9.56	44.80 2.85 -9.90	28.84 2.04 0.00	23.29 1.81 0.00	21.29 1.54 0.00	20.90 1.58 -0.01	20.78 1.40 0.00	20.52 1.43 0.00	20.43 1.44 0.00	20.47 1.67 -0.01	23.92 1.85 -2.43	28.16 2.39 -3.00	33.09 2.49 -4.36	43.98 3.32 -9.31	44.32 3.46 -10.26	40.10 2.68 -8.87	32.26 2.28 -7.63	29.34 2.16 -6.85
WOODARD__115KV_TB2 355635	22.56 -0.07 0.00	20.77 -0.08 0.00	19.98 -0.12 0.00	19.89 -0.12 0.00	20.87 -0.10 0.00	24.59 -0.12 0.00	32.42 -0.03 0.00	32.11 0.06 0.00	26.72 -0.08 0.00	21.45 -0.04 0.00	19.73 -0.02 0.00	19.29 -0.02 0.00	19.39 0.00 0.00	19.07 -0.02 0.00	18.91 -0.08 0.00	18.70 -0.09 0.00	19.54 -0.10 0.00	22.56 -0.20 0.00	26.03 -0.21 0.00	31.18 -0.16 0.00	30.48 -0.12 0.00	28.29 -0.26 0.00	22.18 -0.18 0.00	20.13 -0.20 0.00
YORK___WARBASSE 23770	24.28 1.65 -0.01	22.24 1.38 -0.01	21.45 1.35 -0.01	21.35 1.34 -0.01	22.37 1.38 -0.01	26.33 1.61 0.00	35.08 2.63 0.00	34.67 2.63 0.00	28.76 1.96 0.00	23.12 1.63 0.00	21.19 1.44 0.00	21.26 1.41 -0.54	20.78 1.40 0.00	20.57 1.45 -0.03	20.48 1.46 -0.03	20.47 1.43 -0.25	21.23 1.59 0.00	24.77 2.00 0.00	28.55 2.31 0.00	34.51 3.17 0.00	33.73 3.12 0.00	31.06 2.51 0.00	24.19 1.83 0.00	22.09 1.75 -0.01